

54th Annual College Report 2012



**MAULANA AZAD MEDICAL COLLEGE
&
ASSOCIATED HOSPITALS**
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Deepak K. Tempe

Dean, MAMC
MD, FRCA, FAMS

FOREWORD

It is a great honour and privilege for me to present the 54th annual report of the Maulana Azad Medical College (MAMC) and its associated Loknayak hospital / G.B. Pant Hospital / Guru Nanak Centre / Chacha Nehru Bal Chikitsalya.

As always, this premier and prestigious institution continues to hold a prime position amongst all the medical institutions of the country. This annual report reveals that MAMC is maintaining a very high standard amongst all the fields of education including teaching, training and research. For instance, one can notice a quantum leap in the number of research publications from the campus, which have risen to a total of 557 during this year. Many other achievements of the staff and students of the various departments are apparent as one leafs through the pages of this report. This reflects the dedication and sincerity with which the faculty of this campus is devoted towards the cause of the institution.

The desire of the faculty members to upgrade their own knowledge to keep abreast with the changing times is also evident from the number of CMEs and workshops that the various departments have organised during the year. Also, refresher course lectures, updates and practical courses have been organised not only for the benefit of the students of this institution but from other institutions as well. This emphasises the sense of responsibility that the institution feels towards the medical education as a whole.

I am confident that the readers will agree with my observations after going through this annual report that I present to all of you with great pride and pleasure. I am happy to mention that from this year the institution is bringing out the annual report in e-html format.

Deepak K. Tempe, MD, FRCA, FAMS

Dean



HEAD OF THE HOSPITALS



Dr B Ghosh
Director, GNEC



Dr S K Khanna
Director, GB Pant Hospital



Dr Richa Dewan
MS, Lok Nayak Hospital



Dr Anup Mohta
MS, CNBC

PART I

**GENERAL INFORMATION ON COLLEGE
& HOSPITALS**

MAULANA AZAD MEDICAL COLLEGE

Maulana Azad Medical College & associated hospital complex consists Maulana Azad Medical College, Lok Nayak Hospital, Govind Ballabh Pant Hospital and Guru Nanak Eye Centre and Maulana Azad Dental College & Hospital. The institution complex also has two more hospitals viz Sushrut Trauma Centre (STC) and Chacha Nehru Bal Chikitsalya (CNBC). The college was established 22 years after the commissioning of the Irwin Hospital, a well-established general hospital drawing patients mainly from Delhi and from neighbouring states of Punjab, Haryana, Uttar Pradesh, Himachal Pradesh & Rajasthan. This ideally situated general hospital, with long years of reputation paved the way for realization of this medical college. The College made its humble beginning in hospital block of Irwin (Lok Nayak) hospital in 1958. In 1964, Govind Ballabh Pant was added to the complex to provide training facilities and super-specialties. The Guru Nanak Eye Centre came into existence on 20th December 1977 with the commissioning of a separate Out Patient Department for ophthalmic disease. The wards for the indoor patients were added in 1986. STC started in the year 1999 CNBC has started OPD services from September 2003.

The college is named after a great patriot and educationist, Maulana Abul Kalam Azad. The foundation of main building of the college was laid by Pandit Govind Ballabh Pant, the then Home Minister of India on 24th October 1959. The building was declared open by the 1st Prime Minister of India, Pandit Jawahar Lal Nehru on February 26, 1961. Since its foundation, the college has successfully trained 7814 Medical Graduates, 371 Dental Graduates and 4136 Post Graduates. The College has now completed 52 years and has emerged as one of the premier medical institutions of India.

The steady growth of MAMC is the outcome of sound traditions, established by the leadership in the formative years, reinforced with a relentless and continuing struggle by the dedicated faculty and the disciplined students. The primary aim of this institution is to produce competent basic doctors, specialists and super specialists. It has endeavored to promote all facilities conducive to learning and furtherance of knowledge by:

- Contribution towards national health care delivery system by providing efficient and expert medical services through the associated hospitals.

- Establishing routine and specialized laboratories of excellence and other investigative facilities.
- Pursuance of objectives of medical education by improving the course contents, continuing education and strengthening of research activities.
- Extending medical support to the local authorities for health care programmes.
- Extending health care facilities to above 1,00,000 rural urban population of Delhi through its organized centers in the community.

All faculty members are provided with internet facility. Many Departments have been provided with computerized diagnostic equipment facilities. This will help to enhance efficiency, speed up the work and aid in research activities. Internet facility has been installed at Library, Department of Continuing Medical Education and office of the Dean.

The closed users' group (CUG) scheme was launched in 2008 at MAMC and associated Lok Nayak Hospital and G.B. Pant Hospital under the aegis of the Department of Telecommunication, Government of NCT Delhi with the objective of improving patients care and facilitating effective linkages and communication between health care personnel and administration. It is one of the key initiatives of MAMC in the year 2011-2012 which received a wide appreciation among the users.

OFFICERS OF MAMC COMPLEX (as on Annual Day)

Dean, M.A.M. College	Director Professor Deepak K. Tempe
Director, G.B. Pant Hospital	Director Professor S.K. Khanna
MS. L.N. Hospital	Director Professor Richa Dewan
M.S., G.B. Pant Hospital	Dr. SP Jayant
Director, Guru Nanak Eye Centre	Director-Professor B. Ghosh
M.S., CNBC	Dr. Anup Mohta
Administration	
Academic Officer	Director Professor J. M. Kaul
Deputy Director (Admn.)	Shri B.P.Singh
Registrar (Academic)	Shri Neeraj Agarwal
Admn. Officer (Admn.)	Shri Narender Singh
Admn. Officer (Tpt.)	Shri Narender Singh
Admn. Officer (Estate)	Shri Tarun Sharma
Accounts Officer	Shri Mukesh Kumar
Statistical Officer	Shri Kamal Gautam
Asstt. Accounts Officer	Shri Sanjeev Khurana
Security Officer	Shri Mohan Lal
Superintendent-I	Smt Manjeet Chawla
Superintendent-II	Shri R.C. Jain.
PS to Dean	Shri Umesh S. Nimesh
Head of Departments	
Anatomy	Director Professor Neelam Vasudeva
Anesthesiology	Director Professor U.C.Verma
Anesthesiology (G.B. Pant Hospital)	Director Professor Rajiv Uppal
Biochemistry	Director Professor Alpana Saxena
Biochemistry (GB Pant Hospital)	Director Professor VK Gupta
Cardiology (G.B. Pant Hospital)	Director Professor Sanjay Tyagi
Cardio- Thoracic Surgery (GBPH)	Director Professor D.K. Satsangi
Community Medicine	Director Professor G K Ingle
Dermatology & STD	Director Professor Vijay Kumar

E.N.T.	Director Professor Anoop Raj
Forensic Medicine	Director Professor Anil Aggarwal
G.I. Surgery (G.B.Pant Hospital)	Prof. Anil Agarwal
Medicine	Director Professor Richa Dewan
Medical Education	Director Professor S. Krishna Prakash
Microbiology	Director Professor Anita Chakravarty
Microbiology (G.B. Pant Hospital)	Director Professor Vibha Mishra
Neurology (G.B. Pant Hospital)	Director Professor Vinod Puri
Neuro-Surgery (G.B. Pant Hospital)	Director Professor Sanjiv Sinha
Obstt. & Gynaecology	Director Professor Reva Tripathi
Ophthalmology	Director Professor B. Ghosh
Orthopaedics	Director Professor Anil Dhal
Pathology	Director Professor Shyama Jain
Pathology (GB Pant Hospital)	Director Professor Pooja Sakuja
Paediatrics	Director Professor A P Dubey
Paediatric Surgery	Director Professor Y K Sarin
Pharmacology	Director Professor Uma Tekur
Physiology	Director Professor AK Jain
Pulmonary Medicine	Director Professor H. S. Hira
Psychiatry (G.B. Pant Hospital)	Director Professor R C Jiloha
Radio-diagnosis	Director Professor Veena Chowdhury
Radio-diagnosis (G.B. Pant hospital)	Director Professor Sunil Puri
Radio-therapy	Director Professor Kishore Singh
Surgery	Director Professor P.N. Agarwal

Faculty on Special Task	
LAN & Server Project	Director Professor J. M. Kaul
Provost	Director Professor G K Ingle
Coordinator Research Projects	Director Professor V.K. Gupta
Telephone Exchange Officer	Director Professor Suneela Garg
Students' Counselor	Director Professor S Krishna Prakash
Library Officer	Director Professor Rakesh Kumar
Purchase Officer	Director Professor A K Jain
Store Officer	Director Professor T K Mishra
New Faculty Guest House In-charge	Director Professor J.C. Passey

Hostel	Wardens	Asst. Wardens
P.G. Women's Hostel	Dir. Prof. Richa Dewan	-
P.G. Men's Hostel	Dir. Prof. G K Ingle	Prof. Ishwar Singh
Old Resi. Doctors' Hostel	Prof. Pawanindra Lal	-
Resi. Doctors' Hostel GBPH	Dir.Prof. Vinod Puri	-
Old Girls' Hostel	Dir. Prof. Reva Tripathi	Dr. Ranjana Verma
New Girls' Hostel	Dir. Prof. Neelam Vasudeva	Dr Zainab Chaudhary
Old Boys' Hostel	Dr. Sreenivas M	-
New Boys' Hostel	Dr. Rajdeep Singh	-

ANNUAL REPORT COMMITTEE

Dr GK Ingle	Dir Prof and Head, Community Medicine-Chairman
Dr VK Gupta	Director Professor, Community Medicine-Member
Dr Neelam Vasudeva	Dir Prof and Head Anatomy-Member
Dr Ravinder Kaur	Director Professor, Microbiology-Member
Dr Aarati Sood Mahajan	Professor, Physiology- Member

Staff:

Shri Neeraj Agarwal	Registrar (Academic)
Shri M P Bajaj	Academic section
Inputs:	Dr Paras Agarwal, Senior resident, Community Medicine.

FACULTY ASSOCIATION MAMC & ASSOCIATED HOSPITALS

President	Dr. S.V. Singh	Executive Member Dr. R.Q. Khan
Vice-President	Dr. Dinesh Kumar Dhanwal	Dr. Sunita Gupta
Secretary	Dr. Subhash Dadeya	Dr. Devendra Mishra
Joint Secretary	Dr. Vinita Batra	Dr. Shalini Chawla
Treasurer	Dr. Vinod Kumar	Dr. Anup Kanse
		Ex-Officio Member Dr. S.K. Khanna

DATA ON MEDICAL EDUCATION

Undergraduate Education

MBBS Course:

Doctors graduated during the year 2012 are	176
Cumulative total till 31.12.2012 is	7814

Post-Graduate Education

Twenty-two full time courses leading to various post-graduate/diplomas & post doctoral courses are in force at present 109 postgraduates successfully completed the course during the year.

Cumulative total till 31.12.2012 is 4136.

Continuing Medical Education

In the form of workshops, courses, conferences, symposia, updates and extension lectures by visiting professors and eminent scientists.

Department of Medical Education has organized workshops on Medical Education and Hospital Administration for doctors in this college and other Medical Institutions across the country.

Medical Research

557 Research papers published in National & International Journals.

OTHERS STATISTICS

I. Courses conducted: MBBS, BDS, P.G. Diploma
MD/MS/MDS/M.Ch/DM

II. Staff Position

Staff Position	Sanctioned	Filled	Vacant
Faculty	226	207	19
Senior Resident	80	66	14
Junior Resident	307	292	15
Pool Officer	-	8	-
Technical	342	240	102
Ministerial	158	97	61
Class-IV etc.	374	322	52

III. Budget (in Lacs) 20011-12

Budget (Rs. in lacs) 2011-12

(Rs. in Lakhs)

Revenue	Approved Outlay 2011-12	Revised Outlay 2011-12
MAMC	1500.00	1519.00
CNBC	4000.00	4040.00
TOTAL	5500.00	5559.00
Capital		
MAMC	1100.00	1106.00
CNBC	100.00	135.00
TOTAL	1200.00	1241.00
GRAND TOTAL	6700.00	6800.00

ASSOCIATED HOSPITALS

G.B. PANT HOSPITAL

The foundation stone of Govt. Govind Ballabh Pant Hospital was laid in October 1961 and was commissioned by the then Prime Minister late Pandit Jawaharlal Nehru on 30th April 1964. From a beginning with 229 beds, indoor admissions of 590 patients and out door department (OPD) attendance of 8522 in 1964-65, the hospital has gradually expanded over the years. Today it is a nationally recognized 601 beds tertiary care institution for Heart, Brain and Gastrointestinal disorders. It offers specialized medical and surgical treatment to about 503750 patients in the OPD and more than 21,193 patients in General and Private wards every year. It is one of the reputed centers for post-doctoral teaching and training and is recognized for many path breaking techniques. The institution is affiliated to Delhi University & offers post-doctoral D.M. degrees in Cardiology, Neurology and Gastroenterology and M. Ch. Degrees in Cardio thoracic Surgery, Neuro Surgery and Gastrointestinal Surgery. It is associated with MAMC College.

LOK NAYAK HOSPITAL

Lok Nayak Hospital (LNH) has a history older than the independent Republic of India, having been initiated in the year 1936 as Irwin Hospital. From an initial bed strength of 320 Lok Nayak Hospital (also known as LNJP, LNJP or JP Hospital) has already gone up to bed strength approaching 2000. Apart from catering to the needs of residents of Delhi - primarily Old, Central and East - the umbrella expectedly covers many itinerant patients from neighbouring states as well by virtue of its location being closest to Delhi, New Delhi and Nizamuddin Railway Stations as well as Interstate Bus Terminals at Kashmiri Gate, Sarai Kale Khan and Anand Vihar. Consequently the need of bed strength has gone up exponentially.

Keeping this growing need of the population - not just of Delhi but a large tract of Northern India - LNH is now going through a phase of renaissance. From a quaint and charming but majestic old facade the hospital is developing into a modern structure replete with modern facilities while trying not to lose its essential character.

Several old, two storey structures have given way to eight floored multi-storeyed structures with patient-friendly features, better space utilization, ergonomically designed work areas etc.

The new Accident & Emergency block consists of a large casualty area on the ground floor and an OPD registration area which is computerized. The first floor houses areas for Radiological investigations, Biochemistry, Blood Bank and other blood sampling facilities. The second floor caters to the need of nephrology department with facilities for dialysis. The third floor houses the emergency wards of major

specialties. The Adult K'U finds place on the fourth floor as does the Emergency Operation Theatre. There are 5 modular OTs which include 2 OTs dedicated full time for the specialties of Paediatric Surgery and Neuro-Surgery. The fifth floor has an isolated Swine Flu ward with its own isolated and dedicated access and lift. The Paediatric surgery wards are located on the sixth floor.

A new block of wards has been built which holds the major wards for patients belonging to the specialties of Gynaecology, General Surgery, Orthopedics and ENT. There are areas demarcated for academic activities on different floors for different specialties. The ground floor of this block has the hospital kitchen stationed in it and is provided with fine quality equipment for day to day use.

A new 450-bedded Orthopedics block has become operational recently wherein the OPD, physiotherapy and occupational therapy facilities have started functioning.

It is expected that shortly the wards as well as the operating rooms will also shift from their existent locations.

At present, the hospital provides clinical care to patients in the following categories:-

1. Anaesthesia

The department manages the anaesthesia requirements for various surgical, investigative and therapeutic specialties as well as managing the Adult ICU.

2. Burns and Plastic surgery

3. Dermatology

4. Ear, Nose and Throat

5. General surgery

Including, endoscopic surgery, urology and Lithotripsy

6. Gynaecology and Obstetrics

7. Medicine

Including Pulmonology, Nephrology, ART clinic, TB clinic, Swine Flu ward etc.

8. Neurosurgery

9. Orthopaedics

10. Paediatric Medicine

Including, Neonatology, Neonatal K'U and Paediatric K'U

11. Paediatric Surgery

12. The Radiotherapy facilities are temporarily unavailable for operational reasons.

13. An OPD featuring indigenous medical systems is also available.

14. A Screening OPD has been initiated.

The clinical specialities are well backed by the associated departments of Radiodiagnosis, Pathology, Biochemistry, Microbiology and Blood Bank.

The hospital is under intense preparation for accreditation by NABH and is gradually moving towards the exacting standards of assessment required.

LNH has been identified as the first hospital in the capital to develop facilities to handle Chemical, Biological, Radiation and Nuclear attack. The approval is underway to initiate the process. For quite some time now, LNH has been providing medicare facilities for administrative personnel as well as sportspersons participating in events preceding the eagerly awaited 2010 Commonwealth Games. Training is also being imparted in life support skills for Venue Medical Officers, Paramedics including CATS personnel, Nurses and Volunteers.

LNH is undergoing a significant metamorphosis in its evolution towards becoming a top class health facility in the country, committed to the welfare of all who approach it. With its rich legacy and history as a background it is likely to undergo many further changes towards this objective. Commensurate with these changes, the institution has now got its own logo featuring a family supported by caring hands and rising flames pledging improved and enhanced levels of healthcare support.

GURU NANAK EYE CENTRE

Guru Nanak Eye Centre was conceived as the premier centre of Government of Delhi to provide most up-to-date treatment for the eye diseases. It is situated on the Maharaja Ranjit Singh Marg and is being constructed in phases. In first phase OPD building was constructed and commenced in 1976. In 1984 Indoor Patient Department was inaugural. This provided casualty services and 150 beds. Phase III constructions are also complete and functional with modern operation theatre facilities, special wards, day care centre. It also includes a mini auditorium with a seating capacity of 150.

Since its inception, GNEC has maintained steady and growth resulting into the best possible Eye Care facilities. During the last year 1,94,947 patients were seen in OPD and more than 8500 operations were conducted. This centre is running various special clinics, namely, Paediatric Ophthalmology, Neuro Ophthalmology, Contact Lens, Glaucoma, Trauma, Squint, Surgical and Medical Retina, Cornea and Ophthalmoplasty. In addition a new LASIK centre was added to provide Laser Refractive Surgery. This centre is now able to provide state of the medical facilities to the patients totally free of cost. This centre has separate pathology laboratory for conducting various serological, biochemical tests. A new state of the art Investigative Lab was recently inaugurated by Smt. Sheila Dikshit, Hon'ble Chief Minister, Govt. of Delhi. The concept is to provide the patient all major ocular investigation under one roof.

Apart from providing the clinical services, all doctors are encouraged to keep abreast with the latest developments in the clinical and basic sciences. Many papers were published in recognized Indian and International Journals. This centre is organizing eye donation camps, eye screening camps and exhibitions to inform and increase awareness amongst the general population about the eye

health care. Motiabind Mukti Abhiyan a Delhi Government campaign is being coordinated and organized by the centre and the hospital contributed in more than 40% of the surgery supporting in the various screening centre.

The centre has also acquired new equipments such as :

1. Latest Electro physiological machine for investigation like ERG, EOG, VER and EMR at Neuro-ophthalmology wing.
2. Digital Fundus Fluorescein Angiography
3. Special Domain OCT
4. Hand held fundus camera for obtaining fundus photograph of paediatric cases.
5. New Digital anterior segment imaging system
6. Two new phaco machines for sutureless cataract surgery.

CHACHA NEHRU BAL CHIKITSALAYA

In a major step towards providing quality care in public sectors hospital, Chacha Nehru Bal Chikitsalaya has achieved a major milestone. CNBC has created history and has become first public hospital in India to get an accreditation by National Accreditation Board for Hospital and Health Care (NABH) [Accredited by International Society for Quality in Healthcare (ISQua)].

It was taken up as great challenge by the administrators and staff of CNBC. Excellent ambience with extraordinary infrastructure, dedicated team work and sincere efforts towards providing quality care to its patients with sympathetic attitude has become a hallmark of CNBC.

Chach Nehru Bal Chikitsalaya was conceived as a state of the art super specialty pediatric hospital with a bed strength of 216 to provide comprehensive medical care for all pediatric related medical and surgical illnesses. It is situated at Geeta Colony, Delhi in an area of 1.6 hectare. Besides providing medical facilities it is being developed as a, Post Graduate Teaching/Training institute affiliated to Maulana Azad Medical College.

In the first phase OPD services were started and now indoor & medical emergency services have been started. CNBC provide most modern Operation Theatres & Laboratory facilities, state of the art auditorium, Library with internet facility for medical literature and research.

Various pediatric sub-specialities which are being developed here are Pediatric Neurology, Pediatric Gastroenterology, Pediatric Nephrology including dialysis, Hemato-oncology, Rehabilitation Centre for physically handicapped, Pediatric Surgery, ENT, Ophthalmology, Orthopedics, Physiotherapy, Dermatology, Immunization, Dental, Neonatal Intensive Care and Pediatric Intensive Care Services.

II. NATIONAL & OTHER PRESTIGIOUS AWARDS BESTOWED UPON

NATIONAL AWARD WINNERS

NAME OF AWARD	YEAR	AWARDEE
Padma Bhushan	1962	Dr. P.C. Dhanda
Padma Bhushan	1962	Dr. S.K Sen
Padma Bhushan	1967	Dr. S. Padmavati
Padma Shri	1972	Dr. Leela Vinayak Pathak
Padma Shri	1972	Dr. R. Nigam
Padma Shri	1973	Dr. N.S. Jain
Padma Shri	1984	Dr. M. Khalilullah
Padma Bhushan	1989	Dr. M. Khalilullah
Padma Shri	1990	Dr. Prem Kakkar
Padma Bhushan	2006	Dr. S.K Sarin

DISTINGUISHED ALUMUNUS AWARD WINNERS

YEAR	NAME OF AWARDEE
1983	Dr. Harish Grover, Dr. Narrotam Puri
1984	Dr. L. D. Sota
1985	Dr. S.N.A. Rizvi
1986	Dr. J.K Jain, Dr. Y.P. Munjal
1987	Dr. R.P. Gupta, Dr. R.K Kapila
1988	Dr. O.P. Sood
1989	Dr. V. J. Anand, Dr. I. S. Bal
1990	Dr. N. K Grover, Dr. KB. Anand
1991	Dr. G. K Maini
1992	Dr. Vijay Agarwal
1993	Dr. P. S. Saharia, Dr. Jag Bhagvan
1994	Dr. S. M. Subramany
1995	Dr. Vijay Aggarwal
1998	Dr. D. K Mehta
1999	Dr. SurenderKumar
2000	Dr. Vijay Kapoor
2001	Dr. Subhash Naik, Maj. Gen. J. R. Bhardwaj
2002	Dr. T. K Thussoo
2003	Dr. A. K Kakkar
2004	Dr. Veena Chowdhury
2005	Dr. S.P. Aggarwal, Dr. V.K Sharma
2006	Dr. Usha K Baveja, Dr. Mathew Varghese
2007	DR. Veena Kalra
2008	Dr. T. Singh
2009	Dr. Paramjeet Singh Randhwa
2010	Dr. R.K. Sharma

DR. DHARAMVIR GOLD MEDAL

Year	Name of the Awardees	Year	Name of the Awardees
1963	M S Batra	1986	Niraj Kumar
1964	R P Gupta	1987	Naveen Lal
1965	Ram Kumar Chillar	1988	Suman Rao
1966	Manash Kamal Das Gupta	1989	Raechel Koreth
1967	J M Randekar	1990	Sunil Chaudhary
1968	Veena Rai Chawla (July)	1991	John Koreth
1968	Suman Kirti Jain (December)	1992	Virmeet Singh
1969	Habibuddin Azri Habib	1993	Sonia Gupta
1970	Rajiv Kumar	1994	Sanjay Gandhi
1971	Vinod Kumar	1995	Virnda Vashista
1972	Amrit Prakash Nayar	1996	[as Mohan Singh Bajaj
1973	Dinesh C Khera	1997	Ameeta Verma
1974	Mridula Thakur	1998	Preeti Gulati
1975	Arvind Seth	1999	Anubhav Vindal
1976	Ajay Krishan Sachdev	2000	Not decided
1977	Ram Kumar Menon	2001	Ruchika Chandna
1978	Sidharth Ramji	2002	Shikha Goyal
1979	Rajiv Kumar	2004	Ashima Gupta
1980	Anil Kumar S/o S N Varshney	2005	Aashima Arora
1981	Anju Agarwal	2006	Astha Gupta
1982	Manish Suri	2007	Chitra Gupta
1983	Sanjay Jain	2008	Geeti Khullar
1984	Raju Sharma	2009	Abhilekh Shrivastav
1985	Priti Agarwal	2010	Parul Gupta

III: DISTINGUISHED VISITORS

Following distinguished visitors have visited this institution during the year 2012. These professional and eminent scientists delivered oration, lectures and served as resource persons during conferences, workshops and updates organized by various departments.

DEPARTMENT

VISITOR

Community Medicine

Dr. Tanveer Mir (USA)

Cardiology (GBPH)

Dr Nirath Beohar

Dr Ariel Duran (Uruguay)

Dr. Iissan Moussad (USA)

GI Surgery (GBPH)

Dr Goro Honda (Japan)

Dr Okabe (Japan)

Dr David Grant (Canada)

Dr Deok Bong Moon (South Korea)

Dr Layani (Australia)

Dr Sarkaria (USA)

IV: FACULTY SUPERANNUATION / TRANSFER / JOINING

The college will like to place on record with gratitude the services rendered by Faculty members who superannuated/Retired/Transferred during this period. Following is the list of faculty members who joined the institution, superannuated, transferred or left the institution:

Superannuation

Dr. K.K. Rana, Director Professor (Anatomy)

Dr. P.C. Dixit, Director Professor (Forensic Medicine)

Dr. A Kakkar Director Professor (Surgery & Medical Education)

Dr. S. Batra, Director Professor (Obstetrics & Gynecology)

Dr. Raksha Arora, Director Professor (Obstetrics & Gynecology)

Dr. J.D. Baruah, Director Professor (Radiotherapy)

Transfer/left

1. Dr. C. Behera, Assoc. Professor (Forensic Medicine)
2. Dr. Anupam Das, Asstt. Prof. on contract (Microbiology)
3. Dr. Akshay Sharma (Pediatric Surgery)
4. Dr. Seema Rao, Asstt. Professor (Pathology)
5. Dr. Prerna Arora, Asstt. Prof. (Pathology)
6. Dr. Sanjeev Gupta, Asstt. Prof. (Pathology)
7. Dr. Parul Gupta, Asstt. Prof. (Pathology)
8. Dr. Gobind Rai Garg, Asstt. Prof. (Pharmacology) (on contract).
9. Dr. Puneet Agarwal, Asst. Prof. (Pulmonary Medicine)
10. Dr. Shikha Sejwal, Asstt. Prof. (Anaesthesia)0 (GBPH)
11. Dr. Neeraj Parakh, Cardiology (GBPH)
12. Dr. Amit Banerjee, Dir. Prof., CTVS (GBPH)
13. Dr. Shalimar, Asstt. Prof. Gastroenterology (GBPH)
14. Dr. M.M. Mehndiratta, Dir. Prof. Neurology (GBPH)
15. Dr. Sanjay Agarwal, Prof. Psychiatry (GBPH)

16. Dr. Arunlata Agarwal, Prof. Psychiatry (GBPH)
17. Dr. Nikhil Gupta, Asstt. Prof. GI Surgery (GBPH)
18. Dr. Rahul Gupta, Associate Prof., Neurosurgery (GBPH)

Joining

Director/Professor

Dr. U.C. Verma (Anaesthesia)

Assistant Professor

Dr. Monisha Gupta Pradhan (Forensic medicine)

Dr. Neeraj Gupta (Neonatology)

Dr. Satnam Kaur (Paediatrics)

Dr. Shalimar Gastroenterology (GBPH)

Dr. Nitin Gupta, Gastroenterology (GBPH)

Dr. Rohit Goyal, Gastroenterology (GBPH)

Dr. Nikhil Gupta (GI Surgery)

ACHIEVEMENTS

Promotions

Promoted to Associate Professor (Cardiology, GBPH)

1. Dr. Vivek Chaturvedi
2. Dr. Giresh MP
3. Dr. Mohit Dayal Gupta

Promoted as Associate Professor, (GI Surgery, GBPH)

1. Dr. H. Nag (Promoted as Assoc Prof., GI Surgery, GBPH)
2. Dr. S.S. Saluja

Promoted to Professor

1. Dr. Zia Chaudhuri, Ophthalmology

AWARDS AND HONOURS

Following Faculty members have received awards and honors

Name of Faculty and Deptt.	Award / Honour
1. Dr. Nandini Sharma, Community Medicine	WHO Fellowship
2. Dr. B. Banerjee, Community Medicine	IPHA Fellowship
3. Dr. Achal Gulati, ENT	Fellow of International Medical Science Academy 2 nd IACMCON 2010 Oration
4. Dr. P Kar, Medicine	Dr PN Chuttani Oration
5. Dr MK Daga, Medicine	Fellowship of American College of Chest Physicians
6. Dr S Anuradha, Medicine	Prof Martin Taylor Prize by London School of Hygiene and Tropical Medicine
7. Dr Anita Chakravarti, Microbiology	IAMM Endowment oration award
8. Dr R Kaur, Microbiology	WHO Fellow on Molecular Genetics
9. Dr A Kumar, Obstetrics & Gynecology	Fellowship of NAMS
10. Dr AP Dubey, Pediatrics	State Doctor's Award
11. Dr Uma Tekur, Pharmacology	Member of NAMS
12. Dr Manoj Sharma, Radiotherapy	Kirloskar Theratronic Limited Fellowship
13. Dr AK Rathi, Radiotherapy	AROI Fellowship, WHO
14. Dr. Indira Malik, Anesthesia	Fellowship by IACTA For (GBPH) Cardiac Anesthesia
15. Dr Vinod Puri, Neurology, GBPH	State Doctor's Award
16. Dr Sanjay Pandey, Neurology	Fellowship in Movement Disorders by NIH, USA
17. Dr P Sakuja, Pathology, GBPH	Visiting Pathologist; King's college, London
18. Dr RK Sarah, Pathology GBPH	WHO Fellowship
19. Dr RC Jiloha, Psychiatry GBPH	Bhagirathi Award

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|--|---|
| 20. Dr Sunil Kr Puri, Radiology GBPH | Fellowship of Indian College of Radiology Imaging |
| 21. Dr Sumit Sural, Orthopedics | WHO Fellowship
UGC Scholarship |
| 22. Dr Punita K Sodhi, Ophthalmology | Glory of India by International Friendship Society |
| 23. Dr Daljit Singh, Neurosurgery GBPH | Medical Excellence Award. |
| 24. Dr Hukum Singh, Neurosurgery GBPH | WHO Fellowship |
| 25. Dr Rajeev B Ahuja,
Burns & Plastic Surgery. | Awarded by
Association of Plastic Surgeons of India and
National Academy of Burns,
India |

CHAPTERS IN BOOKS

Following Faculty members have contributed chapters in books of their respective field of specialty

Department	Faculty Members
Anesthesia	Dr Kirti N Saxena, Dr Anju R Bhalotra, Dr Bharti Taneja
Anatomy	Dr JM Kaul, Dr S Kakkar, Dr N Vasudeva, Dr S Mishra, Dr A Mahajan, Dr Dinesh Kumar
Biochemistry	Dr SK Gupta
Burns & Plastic Surgery	Dr Arun Goel
Community Medicine	Dr GS Meena, Dr DK Taneja, Dr J Kishore, Dr B Banerjee
Dermatology	Dr VK Garg, Dr K Sardana
ENT	Dr Achal Gulati, Dr Ishwar Singh, Dr Vikas Malhotra
Medicine	Dr R Dewan, Dr HS Hira, Dr MK Daga, Dr S Anuradha, Dr Sandeep Garg, Dr S Agarwal, Dr Naresh
Microbiology	Dr B Uppal, Dr CP Baveja, Dr S Kumar
Obstetrics & Gynecology	All faculty
Orthopedics	Dr Sumit Sural, Dr Lalit Maini
Pediatrics	Dr U Jhamb, Dr D Mishra
Pathology	Dr T Singh
Pharmacology	Dr U Tekur
Physiology	Dr R Babbar, Dr AK Jain
Radiodiagnosis	Dr U Choudhury, Dr Anju Garg, Dr R Dixit, Dr Anjali Prakash, Dr G Pradhan, Dr Sapna Singh, Dr J Kumar
Surgery	Dr P Lal, Dr A Vindal, Dr SK Jain, Dr NS Hadke
Anesthesia (GBPH)	Dr Deepak K Tempe, Dr Sanjula Virmani
Biochemistry (GBPH)	Dr Bhawana Singh
Neurology (GBPH)	Dr D Chowdhury
Psychiatry (GBPH)	Dr RC Jiloha
Microbiology (GBPH)	Dr A Thakur
GI Surgery (GBPH)	Dr Anil Agarwal

PUBLICATIONS

(National & International)

Anesthesia	11
Anatomy	02
Biochemistry	12
Burns & Plastic Surgery	01
Community Medicine	55
Dermatology	23
Forensic Medicine	10
ENT	07
Medicine	38
Microbiology	17
Neonatology	08
Obstetrics & Gynecology	17
Ophthalmology	31
Orthopedics	14
Pediatrics	22
Pediatric Surgery	33
Pathology	20
Pharmacology	16
Physiology	08
Pulmonary Medicine	04
Radiodiagnosis	07
Radiotherapy	13
Surgery	22
Anesthesia (GBPH)	20
Biochemistry (GBPH)	09
Cardiology (GBPH)	13
Cardiothoracic Surgery (GBPH)	14
Gastroenterology (GBPH)	18
Neurology (GBPH)	14
Psychiatry (GBPH)	11
Microbiology (GBPH)	06
GI Surgery (GBPH)	19
Pathology (GBPH)	35
Radiodiagnosis (GBPH)	07

TOTAL

557 PUBLICATIONS

CONFERENCES / WORKSHOPS ORGANISED

DEPARTMENT	NAME OF CONFERENCE/WORKSHOP
Anesthesia	1. BLS and ACLS Instructor Course 2. Advanced Life support skill provider course 3. Airway congress
Anatomy	1. Preservation techniques of human body, embalming and museum techniques
Burns & Plastic Surgery	First Emergency Management of Severe Burns Course
Community Medicine	Skill Development workshops on HIV care and support
Dermatology Medical Education	CME Update for PGs of North India 1. NTCC 2. Miniworkshops 3. MCI Basic workshops
Medicine	1. Induction training workshop for center of excellence in HIV, AIDS: staff 2. Training programme for ART Centre pharmacist 3. Training of trainer workshop on M & E tools of NACP
Obstetrics & Gynecology	1. CME/Video session on Infertility 2. Practical course, CME in Gynae 3. Workshop on Colposcopy 4. Conference of Indian Menopausal Society 5. Workshop on Gynecology Oncology
Orthopedics	MAMC Postgraduate Instructional Course in Orthopedics
Pediatrics	1. PFCCS Course 2. PALS Course 3. Training course for officers and staff nurses of Haryana 4. Workshop on revisiting dysmorphology and Metabolism (PEDICON 2012)
Pediatric Surgery	1. Pediatric Surgery Update 2. Workshop on how to write a scientific paper
Pathology	1. Vth CME Pathology 2. IVth Workshop in Haematology 3. Delhi chapter IAPM Conference

DEPARTMENT	NAME OF CONFERENCE/WORKSHOP
Pharmacology	1. Workshop on Clinical research Training course 2. Seminar on advanced Pharmacovigilance
Radiodiagnosis	1. Course of AIIMS-MAMC-PGI on MSK and Breast 2. Workshop on 1st trimester anomaly and screening
Surgery	1. Surgery update 2. Endolap 2012- conference of Delhi State Chapter of SELSI
Anesthesia (GBPH)	1. Conference- End of Life Care in Critically ill 2. AAICON Conference
Biochemistry (GBPH)	Best Practices in Laboratory Medicine
Neurology (GBPH)	International Workshop on Epilepsy
Pathology (GBPH)	International Conference on Liver Pathology
Neurosurgery (GBPH)	1. Instructional course in Neurosurgery 2. MidusRex workshop on use of Drill in spine and CV Junction

REPRESENTATION ON EXPERT COMMITTEE

A large number of faculty members have been honored during 2012 as representative/nominee on expert committee/bodies. They are:

Department	Faculty Members
Anesthesia	Dr UC Verma, Dr R Anand, Dr JS Dali, Dr P Bhadoria, Dr Rakesh Kumar, Dr Kirti N Saxena, Dr Munisha Agarwal, Dr Sonia Wadhawan, Dr Manoj Bhardwaj, Dr Bharti Taneja
Anatomy	Dr JM Kaul, Dr N Vasudeva, Dr S Mishra, Dr RR Khan
Biochemistry	Dr A Saxena, Dr S Agarwal, Dr SK Gupta, Dr TK Mishra, Dr PC Ray, Dr P Lali, Dr BC Koner, Dr S Kaushik
Community Medicine	Dr S Garg, Dr GS Meena, Dr DK Taneja, Dr N Sharma, Dr P Lal, Dr MM Singh, Dr J Kishore, Dr R Kumar, Mrs R Saha
Dermatology	Dr VK Garg, Dr K Sardana
Forensic Medicine	Dr SK Khanna
ENT	Dr Anoop Raj
Medicine	Dr R Dewan, Dr P Kar, Dr HS Hira, Dr MK Daga, Dr S Anuradha
Microbiology	Dr P Bhalla, Dr B Uppal, Dr Anita Chakravarti, Dr CP Baveja, Dr R Kaur, Dr PL Mehndiratta
Neonatology	Dr S Ramji
Obstetrics & Gynecology	Dr U Manaktala, Dr R Tripathi, Dr S Prasad, Dr YM Mala
Ophthalmology	Dr B Ghosh
Orthopedics	Dr Anil Dhal, Dr VK Gautam, Dr Sumit Sural, Dr Lalit Maini
Pediatrics	Dr AP Dubey, Dr K Rajeshwari, Dr Seema Kapoor
Pediatric Surgery	Dr YK Sarin, Dr SK Agarwal, Dr SK Ratan, Dr Shalini Sinha

Pathology	Dr T Singh, Dr S Jain
Pharmacology	Dr U Tekur, Dr V Roy, Dr Shalini Chawla, Dr Monika Gupta
Physiology	Dr R Babbar
Radiodiagnosis	Dr V Choudhary, Dr Anju Garg, Dr Alpana Manchanda, Dr Rashmi Dixit, Dr Anjali Prakash, Dr Sapna Singh, Dr Jyoti Kumar
Radiotherapy	Dr Kishore Singh, Dr Manoj Sharma
Surgery	Dr PN Agarwal, Dr VK Ramteke, Dr RCM Kaza, Dr NS Hadke, Dr AK Sarda, Dr Jagdish Chander, Dr P Lal, Dr SK Jain
Anesthesia (GBPH)	Dr Rajiv Chawla, Dr AH Choudhuri
Biochemistry (GBPH)	Dr VK Gupta
Gastroenterology (GBPH)	Dr AS Puri, Dr BC Sharma, Dr Sanjeev Sachdeva, Dr Siddharth Srivastava
Neurology (GBPH)	Dr Vinod Puri, Dr Geeta Khwaja, Dr D Chowdhury, Dr Neera Chaudhry
Psychiatry (GBPH)	Dr RC Jiloha
Microbiology (GBPH)	Dr A Thakur, Dr V Dogra, Dr Poonam Lumba
Pathology (GBPH)	Dr P Sakhuja, Dr RK Saran
Radiodiagnosis (GBPH)	Dr SK Puri, Dr Satbir Singh, Dr L Upreti
Neurosurgery (GBPH)	Dr A Sharma, Dr S Sinha, Dr D Singh, Dr AK Srivastava

SERVICE TO THE COMMUNITY

Departments are involved in Pulse Polio, HIV fellowship, Lifeline express, Stree Shakti Abhiyan of GNCT of Delhi, and Perfect Health Mela etc.

DEPARTMENT	SERVICE
Anesthesia	Life Line Express Camp
ENT	Ear Surgery Camp in Lifeline Express
Pediatric Surgery	Public Awareness Programme on Childhood Health Problems Public Awareness on Childhood cancers
Ophthalmology	Motia bind Mukti Abhiyan District Level Child Health Referral Mela under Chacha Nehru Sehat Yojana Eye camp in Life line Express
Orthopedics	Free health checkup in Saharanpur, U.P.
Pathology	Cancer Detection Programme of Govt. of Delhi Screening of early detection of cancer in women in Stree Shakti Abhiyan
Anesthesia (GBPH)	Bharat Sewa Shram-Sangh Medical Camps
Gastroenterology (GBPH)	Patient awareness programme on Inflammatory Bowel Disease, Hepatitis B and Hepatitis C

FACILITIES ADDED TO THE INSTITUTION

DEPARTMENT	FACILITIES
Anatomy	Cytogenetics-Refrigerated centrifuge Molecular Biology- Gel documentation and PCR
Biochemistry	Blood gas analyzer Electrolyte analyzer
Obstetrics & Gynecology	HDU started functioning in CLR
Ophthalmology	New surgical procedures- Collagen cross linking, Deep lamellar keratoplasty, Deep stromal endothelial keratoplasty, laser DCR
Pulmonary Medicine	Step 2 RICU of 4 beds
CTVS (GBPH)	Extracorporeal membrane oxygenation used in infant after arterial switch operation
Neurology (GBPH)	Emergency Services
Neurosurgery (GBPH)	ICG in vascular lesions of brain ALA in Neuro-oncology
Pathology (GBPH)	FISH started

V. STUDENTS

1. ENROLMENT

During 2012, 250 students were admitted to M.B.B.S. course.

In the 33 full time courses leading to various post graduate degrees diplomas and post doctoral 156 doctors were enrolled. During 2012, a total of 810 under graduates (MBBS) were on the rolls of the college.

There are 176 interns and 423 doctors pursuing postgraduates courses. Nearly 207 undergraduate students received financial assistance either from government or other agencies.

Our students have invariably excelled, both in the academic as well as extra curricular activities. Their performance in MBBS and MD /MS examinations has been remarkable. They have won many awards, medals and prizes received commendations by various National and State Organizations. It is a matter of pride that the students trained in this Institution complex command great respect and enjoy recognition abroad as well.

2. EXAMINATIONS

ROLL OF HONOUR – 2012

MBBS STUDENTS

(BASED ON MARKS OBTAINED IN THE UNIVERSITY EXAMINATION)

01.	FIRST MBBS	SANCHIT KUMAR.
02.	SECOND MBBS	GAURAV SAINI.
03.	THIRD MBBS (PART-I)	ANSHULA TAYAL & MEDHA GOYAL.
04.	THIRD MBBS (PART-II)	SARAH KHAN

BDS STUDENTS

Name of Student	Marks Obtain
Ist YEAR	
JASWEEBLE BASSAN	435/600
IIInd YEAR	
RADHIKA A JAIN	541/800
IIIrd YEAR	
GUNPREET OBEROI	429/600
FINAL YEAR	
PARUL MUTNEJA	1122/1400

LIST OF TOP TEN RANKED STUDENTS OF PROFESSIONAL EXAMINATION WITH MARKS

1ST MBBS 2012

RANK	Name of Student	Marks
1 st	Sanchit Kumar	455
2 nd	Ishita Agarwal	451
3 rd	Anurag Khanna	450
4 th	Shubhi Pandey	448
5 th	Anima Sharma	446
6 th	Anjana Rao	443
7 th	Dipan Uppal	442
8 th	Sagar Yadav	440
9 th	Manik Aggarwal	437
10 th	Sneha Gulati	437

2ND MBBS 2012

RANK	Name of Student	Marks
1 st	Gaurav Saini	419
2 nd	Nayani Balbir Singh	407
3 rd	Ayushi Agrawal	406
4 th	Prachi Agrawal	400
5 th	Seema Yadav	400
6 th	Malvika Gulati	399
7 th	Pratyaksha Rana	399
8 th	Angad S. Uberai	396
9 th	Nivea Singh	395
10 th	Harpreet Kaur Narde	391
10 th	Konduri Anusha	391
10 th	Satyam Singh	391

3RD MBBS(PART-I) 2012

S.NO.	Name of Student	Marks
1 st	Anshula Tayal	302
2 nd	Medha Goyal	302
3 rd	Jahnvi Dhar	293
4 th	Sushree Monika Sahoo	290
5 th	Ishan Rohatgi	289
6 th	Raghav Nayar	287
7 th	Ritika Bansal	286
8 th	Siddhi Goel	284
9 th	Veenu Jindal	283
10 th	Abhenil Mittal	282
10 th	Shivani Garg	282

3RD MBBS(PART-II) 2012

S.NO.	Name of Student	Marks
1 st	Sarah Khan	618
2 nd	Akanksha Agarwal	617
3 rd	Savera Gupta	616
4 th	Shankila Mittal	606
5 th	Shekhar Kunal	605
6 th	Lokesh	604
7 th	Abhishek	601
8 th	Shurti Mittal	601
9 th	Tanvi Dev	600
10 th	Aman Alwadhi	599
10 th	Artika Shukla	599

3. LIST OF AWARDEES

S. No	NAME OF THE AWARD	NAME OF THE AWARDEE
1	Dr. MADAN GOPAL SATYA DEVI GARG MEDAL Best Student in Final MBBS University Exam	Ms. Akanksha Agarwal
2	DR. P.P. GOEL GOLD MEDAL Stood 1st in the Final MBBS	Ms. Akanksha Agarwal
3	PROF. SWARAJ BATRA GOLD MEDAL Best Final Year MBBS girls student	Ms. Akanksha Agarwal
4	DR. K.K. MODAWAL MEMORIAL GOLD MEDAL Best student in Medicine	Ms. Sarah Khan
5	DR. SANJAY SIDHWA MEMORIAL GOLD MEDAL Best student in Medicine	Ms. Sarah Khan
6	LORD SHIVA CHARITABLE TRUST For best girl student in Medicine in Final MBBS Exam	Ms. Sarah Khan
7	DR. K.C. GOYAL AWARD Best two Final MBBS Students	Ms. Akanksha Agarwal & Ms. Sarah Khan
8	KALAWATI JAGAN NATH SINGH MEMORIAL AWARD Best Student in Pediatrics	Ms. Akanksha Agarwal
9	DR.O.P. TANEJA MEMORIAL AWARD Best Student in Surgery	Mr. Abhishek
10	SMT. MOHINDER KAUR MEMORIAL AWARD Best Student in Surgery	Mr. Abhishek
11	GEN. D.R. THAPAR GOLD MEDAL Best student in Surgery (University Marks+ Internal Assessment)	
12	CAPT. S.S. RAMPAL GOLD MEDAL Best student in Medicine & Surgery	Ms. Sarah Khan (Medicine) & Mr. Abhishek (Surgery)
13	DR. S.N. MUKHERJEE GOLD MEDAL Best student in Obstt. & Gynae	Ms. Savera Gupta
14	COL. BARKAT NARAIN MEMORIAL GOLD MEDAL Best student in P.S.M.	Ms. Medha Goyal
15	SHIV RAM VIDYAWANTI KAKKAR MEMORIAL AWARD Best student in E.N.T.	Ms. Ishan Rohatgi
16	Smt. PARVATI DEVI MEMORIAL AWARD Best student in Ophthalmology	Ms. Medha Goyal
17	DR. R.P. KHERA MERIT AWARD Best student in Microbiology [passed degree in 1st attempt in all the exam and secured Max. marks in Micro.]	Ms. Nayani Balbir Singh

S. No	NAME OF THE AWARD	NAME OF THE AWARDEE
18	SARLA DEVI GOLD MEDAL Best student in Pharmacology (University+ Internal Assessment)	Ms. Pratyksha Rana
19	COL. TANEJA GOLD MEDAL Best student in II MBBS	Mr. Gaurav Saini
20	DR. TULSI RAM GOLD MEDAL Best student in Pathology ((University+ Internal Assessment)	Ms. Ayushi Agarwal
21	KUMARI MALLAMPALLI PADMA WATI MEMORIAL PRIZE Best Girl student in 1st MBBS University Exam.	Ms. Ishita Agarwal
22	SMT. SHAKUNTALA SETHI AWARD Best student in 1st MBBS	Mr. Sanchit Kumar
23	RACHNA SRIVASTAVA MEMORIAL GOLD MEDAL Best student in Biochemistry	Mr. Sanchit Kumar
24	MAMC-APPI V AWARD Best student in Physiology on the basis of highest percentage of marks in the 1st MBBS University Exam	Ms. Ishita Agarwal
25	MAMC-APPI SILVER JUBILEE AWARD Best student for all round performance in the in subject of Physiology	Ms. Ishita Agarwal
26	DR. HUKAM CHAND GOLD MEDAL Best student in Anatomy (Based on Univ. & Internal assessment Marks)	Ms. Sneha Gulati
27	LATE PROF. VISHWA MITTER CHARNALIA ENDOWMENT AWARD For BEST Student in Anatomy	Mr. Manik Aggarwal
28	DR. SAMIR MARWAH MEMORIAL AWARD Best T.T. Player	Mr. Varun Garg
29	DR. K.B. SHARMA ROLLING TROPHY For best contribution to corporate life of college	Dr. Ankit Sharma
30	DR. VIDYA RATTAN SEHGAL M.D. AWARD For all round performance in MBBS (sports & extra curricular activities)	Dr. Varun Garg
31	PROF. V.N. SEHGAL MEDAL For excellence in MD (Dermatology including Leprosy & STD) –on the basis of internal assessment, excellence in Exam. followed by a special via-voce.	Dr. Pooja Aggarwal
32	DR. MANOJ KAPOOR MEMORIAL MEDAL Best P.G. 3rd Year student in Pediatrics	Ms. Malvika Panda
33	DR. R.P. MATHUR MEMORIAL AWARD Best 3rd year outgoing Junior Resident in Pathology	
34	DR. SUDHIR REHAN MEMORIAL AWARD Best 3rd year outgoing P.G. student in Medicine	
35	DR. P. DIESH SHIELD For the cleanest ward	

S. No	NAME OF THE AWARD	NAME OF THE AWARDEE
36	OSLER'S TROPHY For maintaining best medical records	
37	MOHAN LAL NAYYAR AWARD For the best Senior Resident	(a)
38	MOHAN LAL NAYYAR AWARD For the best Junior Resident.	(a)
39	MOHAN LAL NAYYAR AWARD For the best Nurse	
40	MEHAR CHAND PAHWA MEMORIAL AWARD: For the best Nurse	
41	DR. DHARAMVIR GOLD MEDAL Best Medical Graduate	
42	LT. GOVERNOR'S ROLLING TROPHY For all round MBBS Student	Ms. Akanksha Agarwal
43	FLEMMING TROPHY For the best Research work in the Clinical Deptt.	Dermatology Department
44	ALUMNUS AWARD	
45	PYARELAL SHARMA & BISHAN DEVI GOLD MEDEL Pre-para Clinical Subjects	
46	PYARELAL SHARMA & BISHAN DEVI GOLD MEDEL FOR BEST THESIS & CLINICAL SUBJECTS	
47	N.C. SANGAL MEMORIAL GOLD MEDAL Best student in Conservative Dentistry	
48	P.L. KHURANA MEDAL Best student in Dental Surgery	Ms. Gazal Aggarwal
49	Dr. BISHAN SWAROOP MATHUR Young Scientist Award	
50	SOTA SAHARIA GOLD MEDAL Best Student in highest marks in consolidated Eye & ENT.	Mr. Raghav Nayar

4. LIST OF STUDENTS TO WHOM MBBS DEGREE TO BE AWARDED ON COLLEGE DAY

Batch-2007

S. No.	Name of the Student	S. No.	Name of the Student
1	Aakriti Bhandari	31	Ashish
2	Aashish Gambhir	32	Ashish Gambhir
3	Aayushi Jain	33	Ashish Khanna
4	Abhimanyu Aggarwal	34	Ashwani Kumar
5	Abhinav Anand	35	Asif Aziz
6	Abhinav Goyal	36	Astha Agrawal
7	Abhinav Kacholia	37	Ayushi Chauhan
8	Abhishek Gadre	38	Bhavya Sareen
9	Abhisht Aggarwal	39	Bhawani Shekhar
10	Akansha Sehgal	40	Chetna
11	Alokit Gulati	41	Chetna Mehrol
12	Alvee Saluja	42	Chinmay Chetan
13	Amandeep Kaur	43	Chirag Arora
14	Ambuj Kumar	44	Deepali Singhal
15	Amit Kumar	45	Devender
	S/O Sh. Khoob Chand	46	Dhiraj Kumar Mishra
16	Amit Kumar	47	Divya Chauhan
	S/O Sh. Pramod Kumar Singh	48	Divya Gahlot
17	Anand Jain	49	Eshaan Kaushik
18	Anil Kumar	50	Eshani Sharma
19	Anjali Tomar	51	G. Aditya
20	Ankit Bansal	52	Gaurav Kumar
21	Ankit Verma	53	Gaurav Verma
22	Ankita Malik	54	Gaurav Yadav
23	Ankita sethi	55	Harender Kumar Kalonia
24	Anshika Harit	56	Ira Janhavi Holla
25	Anshul Singh	57	Ishmeet Kaur
26	Anuj Arora	58	Jaspriya Sandhu
27	Anuj Kumar	59	Jatin Kapoor
28	Aparna Prakash	60	Kalika Gupta
29	Apurv Gabrani	61	Kanika Chawla
30	Archana	62	Kanika Sharma

S. No. Name of the Student

63	Kapil Gupta
64	Karan Raj Jaggi
65	Karishma Bhatia
66	Kavita Kumari
67	Komal Lamba
68	Kshitij Chatterjee
69	Kush Sharma
70	Lakshay Goel
71	Lalit Kumar
72	Lalramsanga Khiangta
73	Mahakshit
74	Mahima Agrawal
75	Meghna Garg
76	Mohit Batra
77	Monali Mohan
78	Monika Koli
79	Monu Madan
80	Mugdha Anand
81	Naman Wahal
82	Neha Gurha
83	Neha Tandon
84	Nidhi Dhariwal
85	Nidhi Madan
86	Nikhil Kumar
87	Nishank Manohar
88	Nishant Mittal
89	Nishtha Yadav
90	Nivedita Arora
91	Nungdilong
92	Pallavi Singh
93	Payal Chauhan
94	Pooja Jain
95	Poonam Chauhan
96	Pragya Ahuja
97	Prashant Kashyap
98	Prateek Gupta
99	Prateek Shukla
100	Pulak Agarwal

S. No. Name of the Student

101	Raghav Aggarwal
102	Raghav Narang
103	Rakshit Garg
104	Ravi Kumar Meena
105	Ravi Shankar
106	Rekha
107	Ritika Makhija
108	Ritwik Kaushik
109	Ruchir Rastogi
110	Sachin Dutt
111	Sachin Goel
112	Sachin Jain
113	Sagar Dembla
114	Sahil Chaudhary
115	Saikat Jena
116	Saket Singh
117	Sameer Bhuwania
118	Samrin Haq
119	Sandeep
120	Sanjay Singh Rawat
121	Satender Pal Singh
122	Saumya Mishra
123	Shanky Bindal
124	Shaurav Maulik
125	Shikhar Sawhney
126	Shishir
127	Shiv Chadha
128	Shreya Sehgal
129	Shruti Marwah
130	Siddarth Kumar
131	Siddhant Trehan
132	Smarth Batra
133	Sneh Prakash Pandey
134	Sneh Tanwar
135	Sneha Sharma
136	Snigdha Pathak
137	Sourabh Shrivastava
138	Srijan Singh

S. No. Name of the Student

139	Sudhanshu Garg
140	Sunil kumar
141	Surabhi Gupta
142	Swati
143	Taru Yaring
144	Tarun Gupta
145	Tej Pal
146	Tushar Kalonia
147	Tushar Vashist
148	Urvashi
149	Vaishali Paliwal
150	Vandana Katariya
151	Varun Alawadhi
152	Vasu Saini
153	Vinit Kumar
154	Viviktha Ramesh
155	Wasim Raza
156	Y. Jennifer Nane

Batch 2006

1	Ajay Kumar
2	Alpesh Goyal
3	Arpit Jasm
4	Dushyant
5	Jigme Kalsung

S. No. Name of the Student

6	Neha Martolia
7	Rahul Kumar Meena
8	Rohit Bharti
9	Shreyans Mutha
10	Vijay Kumar Chhockra
11	Vishal Kumar Arya
12	Vivek Tiwari
13	Gaikhuananguangliu Gonmei

Batch 2005

1	Darwin
2	Ghufran Alam
3	Jeevna Rajbir Singh
4	Pradeep Meena
5	Rishikesh Meena

Batch 2004

1	Arunava Haldar
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Batch 2003

1	Akhilesh Sehgal
2	Shariq Iqbal
3	Iftiquar Khan

Batch 2001

1	Vinod Kumar Mogha
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5. LIST OF M.D./M.S./M.CH./DIPLOMA PASSED OUT 2012

S. No.	Name of students	Course
1	DR. MAHAMINE KAUSTUBH SURYAKANT	M.D. Medicine
2	DR. ANKIT JAIN	M.D. Medicine
3	DR. VANGIPURAM DEEPAK RAJKUMAR	M.D. Medicine
4	DR. ARUN KUMAR C. SINGH	M.D. Medicine
5	DR. MITESH KUMAR F	M.D. Medicine
6	DR. PRAVEG GOYAL	M.D. Medicine
7	DR. ARPIT SOTHWAL	M.D. Medicine
8	DR. POOJA BADSIWAL	M.D. Medicine
9	DR. UJJWAL SONIKA	M.D. Medicine
10	DR. SWAPAN GUPTA	M.D. Medicine
11	DR. RAJAT BAJAJ	M.D. Medicine
12	DR. SHADAB SAMAD	M.D. Medicine
13	DR. NEHA JAIN	M.D. Medicine
14	DR. SUMAN GALWA	M.D. Obstt. & Gynae
15	DR. SUSHMITA NAMDEO	M.D. Obstt. & Gynae
16	DR. SHWETA TAHLAN	M.D. Obstt. & Gynae
17	DR. POONAM BARANWAL	M.D. Obstt. & Gynae
18	DR. NEHA VARUN	M.D. Obstt. & Gynae
19	DR. SONALI GUPTA	M.D. Obstt. & Gynae
20	DR. AVANTIKA GUPTA	M.S. Obstt. & Gynae
21	DR. SEEMA	M.S. Obstt. & Gynae
22	DR. JYOTI RANJAN BEHERA	M.D. Paediatrics
23	DR. DEEPAK KUMAR	M.D. Paediatrics
24	DR. KARUNESH KUMAR	M.D. Paediatrics
25	DR. CHETAN KHARE	M.D. Paediatrics
26	DR. BHAGAT ISHA SATISH	M.D. Paediatrics
27	DR. DAULAT SINGH MEENA	M.D. Paediatrics
28	DR. DEEPIKA RUSTOGI	M.D. Paediatrics
29	DR. SILKY JAIN	M.D. Paediatrics
30	DR. ARCHANA	M.D. Paediatrics
31	DR. NEHA JAIN	M.D. Paediatrics
32	DR. KISHORE KUMAR DUDANI	M.D. Psychiatry
33	DR. PRERNA KUKRETI	M.D. Psychiatry
34	DR. RONALD BATHARI	M.D. Anaesthesia
35	DR. PRATIBHA KUJUR	M.D. Anaesthesia
36	DR. SUDHINDRA. D	M.D. Anaesthesia
37	DR. ITISHA BANSAL	M.D. Anaesthesia
38	DR. MANASI MITTAL	M.D. Anaesthesia
39	DR. NALIN TALWAR	M.D. Anaesthesia
40	DR. SHIVANI	M.D. Dermatology

S. No.	Name of students	Course
41	DR.CHITRA GUPTA	M.D. Dermatology
42	DR. MUKESH MANJHI	M.D. Dermatology
43	DR. PATIL PRAFULLA VASANT	M.D. Radiodiagnosis
44	DR. MONOJIT MONDAL	M.D. Radiodiagnosis
45	DR. PALLAVI GUPTA	M.D. Radiodiagnosis
46	DR. MUKESH SONKARIA	M.D. Radiotherapy
47	DR. RUBU SUNKU	M.D. Radiotherapy
48	DR. SOYAM GAJANAN CHARANDAS	M.D. (PSM)
49	DR. TANU ANAND	M.D. (PSM)
50	DR. PARUL SOBTI	M.D. Pathology
51	DR. REEMA DAHIYA	M.D. Pathology
52	DR. RUCHI JHA	M.D. Pathology
53	DR. ALPHY SARA VARUGHESE	M.D. Pathology
54	DR. PINKY DHARMSHAKTU	M.D. Pharmacology
55	DR. AMIT JAIN	M.D. Biochemistry
56	DR. HARNEET KAUR	M.D. Biochemistry
57	DR. GARUDADHRI G.V.	M.D. Forensic Med
58	DR. JYOTI BARWA	M.D. Forensic Med
59	DR. RITU DABAS	M.D. Physiology
60	DR. SONALI BHATTAR	M.D. Microbiology
61	DR. RUCHI GUPTA	M.D. Microbiology
62	DR. RUSHIKA SAKSENA	M.D. Microbiology
63	DR. PARUL PUNIA	M.D. Microbiology
64	DR. SHWETA PATIL	M.S. Surgery
65	DR. MOHIT GARG	M.S. Surgery
66	DR. K. BALU MAHENDRA	M.S. Surgery
67	DR. SHASHI KIRAN B.D.	M.S. Surgery
68	DR. MOHIM THAKUR	M.S. Surgery
69	DR. APARAJITA MITRA	M.S. Surgery
70	DR. PANKAJ KUMAR MITTAL	M.S. Surgery
71	DR. SIDDHARTH JAIN	M.S. Surgery
72	DR. RAJAT GUPTA	M.S. Orthopaedics
73	DR. ARPIT GOYAL	M.S. Orthopaedics
74	DR. SHREESH K GANGARI	M.S. Orthopaedics
75	DR. DILPREET BAJWA	M.S. ENT
76	DR. KANIKA RANA	M.S. ENT
77	DR. DIVYA GUPTA	M.S. ENT
78	DR. BHANU PRATAP SINGH PANGTEV	M.S. Ophthalmology
79	DR. PARUL JAIN	M.S. Ophthalmology
80	DR. ASHRAYA NAYAKA T.E.	M.S. Ophthalmology
81	DR. MALVIKA SINGH	M.S. Ophthalmology
82	DR. GAURI BHUSHAN	M.S. Ophthalmology
83	DR. SHAGUN SOOD	M.S. Ophthalmology
84	DR ABHISHEK GOEL	M.S. Ophthalmology

85	DR. ARPITA MAHAJAN	M.D. Anatomy
86	DR SHILPI GARG	M.D. Anatomy
87	DR.SACHIN JAGANNATH PATIL	M.D. Anatomy
88	Dr.MANISH BHARTI	M.D. Anaesthesia

Two Year Diploma

S. No.	Name of students	Course
1	Dr. VAIBHAV KATIYAR	D.A.
2	Dr. THUNGBENI NGULLIE	D.A.
3	Dr. NAMRATA GUPTA	D.A.
4	Dr. RAKESH SEHRAWAT	D.A.
5	Dr. DEEPAK KUMAR	D.A.
6	Dr. JAG MOHAN	D.A.
7	Dr. DEEPAK SONI	D.A.
8	Dr. SMRITI SINHA	D.A.
9	Dr. ROHIT	D.A.
10	Dr. PREET MALA	D.G.O.
11	Dr. RITY MALLA	D.G.O.
12	Dr. SHALINI JALUTHRIA	D.G.O.
13	Dr. VANDANA KUMARI	D.G.O.
14	Dr. SHALINI SINGH	D.G.O.
15	Dr. GUNJAN	D.G.O.
16	Dr. CHITARANJAN MISHRA	D.O.
17	Dr. QAMAR NAUMAN JAWAID	D.O.
18	Dr. SEEMA	D.O.
19	Dr. MADHU	D.O.
20	Dr. YUGANK RAI	D.C.H.
21	Dr. MANJU RANA	D.C.H.
22	Dr. KUMAR ANAND	D.C.H.
23	Dr. NEETU SHUKLA	D.C.H.
24	Dr. MEENAL KAPOOR	D.C.H.
25	Dr. AMIT PRAKASH	D.C.H.
26	Dr. SUNIL SAMARWAL	D.M.R.D.

VI: MISCELLANEOUS

CENTRAL LIBRARY & INFORMATION CENTRE

Holdings: The MAMC Library has a collection of 32905 books, 33417 bound journals, 3000 theses, 500 CDs and 200 Audio - Visual cassettes.

Automation and Security: Library has been automated with 'LibSys' automation software. Data entry of all books, journals and theses has been completed and automated circulation of documents is ready to begin. Online searching of documents through LSOP AC is available on the computers connected to college LAN via URL searching mode <http://192.168.21.26:8080/jopacv06>. All the books, journals and theses are barcoded and radio-frequency (RF) tagged, magnetic Detection Gate of 3M (USA) has been installed in the Library for ensuring the security even further.

Digitization : This year we have subscribed 171 journals, 130 of them are available online too. The users can access these journals at the library website www.library.mamc.ac.in. We have access to 30 e-books also. An E-mail ID on college domain i.e. centrallibrarymamc@mamc.ac.in is also provided to interact our users. We have 60 computers in the library, 52 out of them are connected to the internet for browsing e-journals, e-books, online searching and online submissions etc.

ERMED membership: ERMED (Electronic Resources of Medicine) membership has been renewed this year too, and our users have access to thousands of medicine and allied disciplines journals through this consortium.

GUEST HOUSES

A. New Faculty Guest House

A 19 rooms air conditioned guest house with all facilities is available for the institution at normal charges. Prof. J.C. Passey, Department of ENT is in charge of the Guest House.

The room tariff is as follows :-

1. Guest House charges are Rs. 50/- for official guest; Rs. 250/- per bed/day for others.
2. Linen washing charges Rs. 50/- per day/guest.
Telephone No. : 23239271 Extn. No. 292 & 23235749 (Direct Line)

B. Old Guest House

The earlier Guesthouse having 11-Double Bedded air-conditioned rooms is still functioning in P.G. Men's hostel is under control of Warden P.G. Men's Hostel.

AUDITORIUM AND LECTURE THEATRES

Auditorium is centrally air conditioned and well equipped with both audio & visual facility conducive for holding conferences and cultural events. The different lecture theatres at Maulana Azad Medical College are all centrally air conditioned and are fitted with audio-visual facility for holding lectures and organizing Seminars and Symposium.

EQUIPMENT AND STORES

Modern methods of the inventory control for maintaining the cost economy, optimal level of stock and checking of wastage have been put into operation. The purchases are approved by a purchase committee.

TRANSPORT

Presently the college is having 2 RTV, 1 Maruti Van, 1 staff car and 1 Gypsy.

ANIMAL HOUSE

Central Animal House is engaged in the breeding, maintenance and upkeep of experimental animals required for the purpose of teaching and research work. A sizable number of different species of laboratory animals of standard breed/strains, namely, Rats, Mice, Guinea Pigs and Rabbits are raised and maintained under the controlled climatic conditions in specially designed rooms. Central Animal House also supplies surplus high-grade animals to other institutions for research purposes. It also provides a centralized facility for conducting experimental surgical and research works on the animals.

PART- II

DEPARTMENT WISE REPORT

A. DEPARTMENT OF MAMC

ANAESTHESIOLOGY AND INTENSIVE CARE

Name of Head of Department: Dr. U.C.Verma, MD
Director Professor

1. FACULTY

S. No	Name Of Faculty	Designation
1	Dr.U.C.Verma	Director Professor & Head
2	Dr.Raktima Anand	Director Professor
3	Dr. J.S. Dali, MD	Director Professor
4	Dr. Poonam Bhadoria, MD	Director Professor
5	Dr. Rakesh Kumar, DA, MD	Director Professor
6	Dr. Kirti Nath Saxena, MD	Professor
7	Dr. Munisha Agarwal, MD	Professor
8	Dr. Kavita Rani Sharma, MD	Professor
9	Dr. Anju Bhalotra, MD	Professor
10	Dr. Sonia Wadhawan, MD	Professor
11	Dr. Manoj Bhardwaj, MD	Professor
12	Dr. Bharti Taneja, MD	Associate Professor
13	Dr Neelam Prasad, MD	Associate Professor
14	Dr. Mona Arya, DA	Assistant Professor
15	Dr Amit Kohli, MD	Assistant Professor

2 Research Schemes

(A) Ongoing Projects

1. A Prospective Randomized Controlled study to evaluate and compare i-gel supraglottic airway device with with cuffed endotracheal tube during pressure controlled ventilation. Dr Ankur Dhanda, **Dr Raktima Anand, Dr. Anju R Bhalotra.**

2. Comparative evaluation of intubating conditions after sevoflurane induction in children using either propofol or rocuronium – Dr. Sakshi Gera, **Dr. J S Dali, Dr. Kavita Rani Sharma.**
3. Entropy Vs Standard Clinical monitoring using total intravenous Anaesthesia during transvaginal oocyte retrieval in patients for in vitro fertilization. Dr Saipriya Tewari, **Dr. Poonam Bhadoria, Dr. Sudha Prasad, Dr. Sonia Wadhawan.**
4. Comparison of partial pressure of end tidal CO₂ during ventilation with bag mask, I Gel and endotracheal tube in anaesthetized paralyzed patients. Dr Chaitra, **Dr Rakesh Kumar, Dr Munisha Agarwal, Dr Manoj Bhardwaj.**
5. Comparative evaluation of pressure controlled ventilation and volume controlled ventilation in paralyzed anaesthetized children with proseal LMA or I Gel. Dr Kriti Vig, **Dr. Munisha Agarwal, Dr. Rakesh Kumar, Dr. Satish Agarwal.**
6. A Prospective Randomized Controlled study to evaluate and compare Intubating Laryngeal airway with with cuffed endotracheal tube during pressure controlled ventilation. Dr Divya Kumar, **Dr. Anju R Bhalotra, Dr Raktima Anand.**
7. I-gel Vs Proseal Laryngeal Mask Airway: A prospective randomized controlled study in mechanically ventilated children undergoing Laparoscopic Procedures. Dr. Anita Murmu, **Dr. Sonia Wadhawan, Dr. Poonam Bhadoria, Dr. Satish Agarwal.**
8. Comparative evaluation of combined ilioinguinal iliohypogastric block versus caudal block using ropivacaine & clonidine for pediatric postop analgesia following inguinal hernia repair Dr. Apresh, **Dr Bharti Taneja, Dr. Raktima Anand, Dr. Kirti N Saxena, Dr. P.N. Aggarwal.**
9. Comparative evaluation of three analgesic regimens for postoperative analgesia following skin graft harvesting under femoral and lateral femoral cutaneous nerve of thigh block in adult patients Dr. Prakash A. Khairnar **Dr. U. C. Verma Dr. Rakesh Kumar Dr. Munisha Agarwal.**
10. A prospective randomized study to evaluate and compare changes in lung function parameters after total intravenous anaesthesia and balanced anaesthesia with desflurane Dr Saurabh Sharma **Dr. Raktima Anand Dr. Anju Romina Bhalotra**
11. Comparative evaluation of laryngoscopy position in adults attained by conventional 7 cm head rise and that attained by horizontal alignment of external auditory meatus-sternal notch line. Dr. Anant Vikram Pachisia **Dr. Kavita Rani Sharma Dr. J.S. Dali Dr. Rakesh Kumar**

12. Comparative evaluation of three doses of propofol using total intravenous anaesthesia during transvaginal oocyte retrieval in patients for in vitro fertilisation. Dr. Yuvaraj M K **Dr. Poonam Bhadoria Dr. Sudha Prasad Dr. Sonia Wadhawan**
13. Comparative evaluation of head and neck movement during laryngoscopy with classical macintosh laryngoscope, c-mac video laryngoscope (macintosh blade and d blade) Dr. Rohini Singh **Dr. Rakesh Kumar Dr. Munisha Agarwal Dr. Manoj Bhardwaj**
14. Comparative evaluation of single level paravertebral block vs caudal block for postoperative analgesia in pediatric inguinal surgery Dr Silvy Varghese **Dr Kirti N. Saxena Dr Bharti Taneja Dr Y.K.Sareen**
15. Comparative evaluation of glottic view in Pediatric population with or without head elevation. Dr Sorabh Mittal **Dr. Munisha Agarwal, Dr UC Verma Dr. Rakesh Kumar,**
16. Prospective randomised study to compare reinsertion of endotracheal tube over airway exchange catheter (aec) alone or over airway exchange catheter with i-gel as a conduit. Dr Anant Shukla **Dr. Manoj Bhardwaj Dr. Rakesh Kumar Dr. Munisha Agarwal.**
17. A randomised controlled study to evaluate the effects of systemic lidocaine on postoperative quality of recovery in patients undergoing gynecological laproscopic surgery Dr Sikha Awal **Dr Anju Romina Bhalotra. Raktima Anand.**
- 18 Comparative evaluation of two doses of preoperative intravenous dexamethasone on postoperative analgesia and recovery following laparoscopic cholecystectomy . **Dr Kirti N. Saxena Dr Bharti Taneja**
19. Evaluation of clinical outcome of early laparoscopic cholecystectomy in acute calculus cholecystitis. **Dr Kirti N. Saxena Dr Bharti Taneja**
20. Comparison of hemodynamic response to oral vs nasal intubation **Dr Kirti Saxena Dr Bharti Taneja**
21. Management of accidental dural puncture during epidural block **Dr Kirti N. Saxena Dr Bharti Taneja**
22. An audit of need for post-graduate journal club. **Dr. P. Bhadoria, Dr. S. Wadhawan, Dr Amit Kohli.**

(B) Details of thesis completed during current year

- Prospective Randomized Controlled study to evaluate and compare the Intubating LMA and Air-Q masked laryngeal airway. Dr Reema, **Dr Anju R Bhalotra Dr Raktima Anand**

- Comparative evaluation of the efficacy of intrathecal fentanyl, clonidine and fentanyl - clonidine combination as adjuvant to bupivacaine for lower abdominal surgery – Dr. Shikha Bansal, **Dr. J S Dali, Dr. Kavita Rani Sharma.**
- Evaluation of pediatric I Gel as a conduit for fiberoptic aided intubation in children: A prospective observational study. Dr. Ruchi Gupta, **Dr. Poonam Bhadoria, Dr. Sonia Wadhawan.**
- To compare the different methods of nasogastric tube insertion in anaesthetized and intubated adults. Dr. Dimple, **Dr Rakesh Kumar, Dr. Munisha Agarwal.**
- Comparative evaluation of combined ilioinguinal iliohypogastric block versus caudal block using ropivacaine & clonidine for pediatric postop analgesia following inguinal hernia repair Dr. Sadhna, **Dr Kirti Nath Saxena, Dr. Bharti Taneja.**
- Comparative evaluation of Airtrach vs machintosh laryngoscopy guided endotracheal intubation in adult patients. Dr Shankar, **Dr Munisha, Dr Rakesh Kumar.**
- Comparative evaluation of two different doses of fentanyl with and without supplemental midazolam for proseal lma insertion conditions in unparalyzed patients induced with propofol .Dr Arul, **Dr Kavita, Dr Raktima Anand, Dr J.S. Dali**
- Comparative study of oral pregabalin vs clonidine as premedication on haemodynamic response to intubation, postoperative pain, nausea and vomiting in patients undergoing laparoscopic cholecystectomy. Dr. Lalnundiki, **Dr. Sonia Wadhawan, Dr Poonam Bhadoria, Dr P.N. Agarawal.**
- Comparison of orotracheal vs nasotracheal fiberoptic intubation in simulated cervical spine injury under conscious sedation. Dr. Tarang jain, **Dr.Manoj Bhardwaj, Dr. Raktima Anand, Dr. Rakesh Kumar.**
- Comparative evaluation of efficacy of transcutaneous electrical nerve stimulation administered by dermatomal stimulation versus acupuncture points stimulation for labour analgesia. Dr Sunil Shokeen, **Dr Kirti Nath Saxena, Dr Bharti Taneja.**

3. Training Courses/Conferences/Workshops organized

BLS and ACLS INSTRUCTOR COURSE (AHA accredited) conducted at the MAMC & LN Hospital, New Delhi.

Dr. Rakesh Kumar – International training center coordinator, Chief Co-ordinator and instructor

Dr Munisha Agarwal - Instructor
Dr Kavita R Sharma - Instructor
Dr Anju R Bhalotra - Instructor
Dr Sonia Wadhwan - Instructor
Dr. Manoj Bhardwaj – Instructor

Ten Basic Life Support skill provider courses (both AHA and Non- AHA accredited) for final year undergraduates under the auspices of the MAMC PGMET Cell

Dr. Rakesh Kumar- Chief coordinator& Instructor.

Dr Munisha Agarwal - Instructor
Dr Kavita R Sharma - Instructor
Dr Anju R Bhalotra - Instructor
Dr Sonia Wadhwan - Instructor
Dr. Manoj Bhardwaj – Instructor

FIVE ADVANCED LIFE SUPPORT Skill Provider Courses (both AHA and Non-AHA accredited) for Postgraduates under the auspices of the MAMC PGMET Cell

Dr. Rakesh Kumar- Chief coordinator and Instructor.

Dr. Munisha Agarwal, Dr. Kavita Sharma, Dr. Anju Bhalotra, Dr. Sonia Wadhawan & Dr. Manoj Bhardwaj were instructors

Emergency Medical Technician - EMT (Basic) Skill Course for CATS Ambulance personnel at MAMC

Dr. Rakesh Kumar- Chief coordinator and Instructor.

ISA monthly meet on NOV 2012, MAMC, New Delhi

Faculty – Dr. U.C.Verma, Dr. R. Anand, Dr. J.S. Dali, Dr. P. Bhadoria, Dr. Rakesh Kumar, Dr. Kirti N. Saxena, Dr. Munisha Agarwal, Dr. Kavita R. Sharma, Dr. Anju R. Bhalotra, Dr. Sonia Wadhawan, Dr. Manoj Bhardwaj, Dr. Bharti Taneja and Dr. Neelam Prasad, Dr. Mona Arya, Dr.Amit Kohli

Moderators - Dr Rakesh Kumar, Dr.Kirti N. Saxena and Dr.Manoj Bhardwaj

Airway congress 2012 held in Feb 2012. MAMC

Dr. Rakesh Kumar- Chief Coordinator

Faculty :Dr Raktima Anand, Dr Dali, Dr Kirti Saxena, Dr Munisha Aggarwal, Dr Kavita Sharma, Dr Anju Balhotra, Dr Sonia Wadhawan, Dr Manoj Bhardwaj, Dr Bharti Taneja, Dr Neelam Prasad, Dr Mona Arya

WORKSHOP on FLEXIBLE FIBREOPTIC GUIDED INTUBATION. The participants included Anaesthetists from Medical Colleges of Delhi and outside Delhi

1. Workshop on **Flexible Fibreoptic Guided Intubation** at SAIL, Bhilai Steel Plant (Chattisgarh) on 30th & 31st January 2012 and also at Govt. Medical College, Patiala, Punjab 20th & 21st Nov 2012.
Faculty - **Dr J.S.Dali, Dr Mona Arya**
2. **Dr J S Dali & his team** conducted Anaesthesia services for all the surgical cases (simultaneously on 4 OT tables) during **Live Operative Workshop** of basic & advanced Laparoscopic procedures during ENDOLAP 2012 on 1st Dec 2012.

Workshop on ‘Non pharmacological labour analgesia’ in Annual conference of Association of Obstetric anesthetists 9 Sep 2012

Faculty - Dr Kirti Saxena & Dr Bharti Taneja

Faculty for Airway workshop (5th Annual conference of Association of Obstetric anesthetists 9 Sep 2012)

Dr Rakesh Kumar – Organized the airway workshop and delivered a lecture

Dr Munisha Agarwal - delivered a lecture and conducted a workstation

Dr Kavita R Sharma - delivered a lecture and conducted a workstation

Dr Anju R Bhalotra - delivered a lecture and conducted a workstation

RSACPCON 2012 – 22nd National conference of Research Society of Anesthesiology Clinical Pharmacology. SMS Medical College, Jaipur, Oct’2012, faculty for Airway Workshop.

Dr. U.C.Verma, Dr. Rakesh Kumar- Chief Coordinator and Instructor

Dr. Munisha Agarwal – Conducted a workstation

Dr Kavita Sharma - Conducted a workstation

Dr. Manoj Bhardwaj - Conducted a workstation

Airway WORKSHOP during ISA (National) Conference in Indore 26 December-2012

Dr Rakesh Kumar – Organized the airway workshop and delivered a lecture

Dr Munisha Agarwal - delivered a lecture and Conducted a workstation

Dr Kavita R Sharma - delivered a lecture and Conducted a workstation

Dr Anju R Bhalotra - delivered a lecture and Conducted a workstation

4. Publications during the period

1. Management of Swine flu patients in the intensive care unit – our experience
Raktima Anand, Akhilesh Gupta, Anshu Gupta, Sonia Wadhawan, Poonam

Bhadoria – Journal of Anaesthesiology, clinical Pharmacology – year 2012, vol.28, Issue 1, page 51-55

2. Anaesthetic drug wastage in the operation room a cause for concern Kapil Chaudhary, Rakesh Garg, **Anju Bhalotra, Raktima Anand**, KK Girdhar – Journal of Anaesthesiology, clinical Pharmacology –March 2012, vol-28, Issue 1, page 56-61.
3. Comparison of Haemodynamic responses to intubation; flexible fiberoptic bronchoscope versus Bonfil. Rigid Intubation Bronchoscope – Gupta K, Girdhar KK, **Anand R**, Madki SM, Gupta SP, Gupta PB – IJA 2012 – July 56(4); 358 – 8
4. The whistling adaptor – a device mimicking complication – Chaudhary K, **Taneja B, Saxena KN, Anand R** – IJA, 2012, July 56 (4) 408 - 409.
5. Anaesthetic Management of an unusual complication during laser Ablation of Congenital Subglottic Haemangioma - Pandian AJ, Sharma K, **Dali JS, Bhalotra A, Anand R**, Agarwal S – Journal of Anaesthesiology and clinical Pharmacology, 2012 July, 28 (3) 399-400.
6. A comparative randomized study of paravertebral block versus wound infiltration of bupivacaine in modified radical mastectomy. Bansal P, **Saxena KN, Taneja B**, Sareen B. J Anaesthesiol Clin Pharmacol 2012;28:76-80
7. Comparison of arm and calf blood pressure Sareen P, **Saxena K**, Sareen B, **Taneja B**.. Indian J Anaesth 2012;56:83-5
8. Physiological and Anaesthetic Considerations for the Preterm Neonate Undergoing Surgery . **Bharti Taneja**, Vinish Srivastava, **Kirti N Saxena**. J Neonat Surg 2012; 1: 14
9. Editorial. Airway management devices for general anesthesia for magnetic resonance imaging **Saxena KN**.. J Anaesthesiol Clin Pharmacol 2012;28:153
10. Endotracheal intubation under local anesthesia and sedation in an infant with difficult airway. **Saxena KN**, Bansal P. J Anaesthesiol Clin Pharmacol 2012;28:358-60
11. Delayed recovery due to a faulty dial lock of a Tec 5 vaporizer. Varshney PG, **Taneja B, Saxena KN**, Gaba P, Sarin P J Clin Anesth. 2012 Aug;24(5):434-5. doi: 10.1016/j.jclinane.2011.08.008.
12. Comparison of trachlight guided tracheal intubation in the lateral position versus the supine position Naithani M, **Saxena KN**, Dua CK, Gaba P. Sri Lankan journal of Anaesthesiology, 2012;20(1):13-17

13. A randomized comparative study of intraocular pressure and hemodynamic changes on insertion of proseal laryngeal mask airway and conventional tracheal intubation in pediatric patients. Agrawal G, **Agarwal M**, Taneja S.J Anaesthesiol Clin Pharmacol. 2012 Jul;28(3):326-9.
14. Fibrescope aided removal of foreign body oesophagus: Rescue by Anaesthetist. Divya Jain, **Munisha Agarwal**, Kapil Chaudary British Journal of Anaesthesia; May 2012: e-letter
15. A Nasal CPAP Assembly. Kapil Chaudary, **Munisha Agarwal** Indian Journal of Critical Care Medicine. Accepted for publication. Aug 2012
16. Indian origin Takayasu's arteritis-A case report with a brief review of clinical management. Divya Jain, Manisha Rojha, **Munisha Agarwal**, Devesh Kumar Anaesth Pain & Intensive Care 2012;16(2):192-194
17. Cuff Inflation-Supplemented Laryngoscope-Guided Nasal Intubation: A Comparison of Three Endotracheal Tubes. **Rakesh Kumar**, Ekta Gupta, Sunil Kumar, **Kavita Rani Sharma**, Neera Rani Gupta. Anesth Analg 2013: 116 (3)
18. Anaesthesiology as a career: Variables influencing career choice, level of job satisfaction and attitude towards the specialty among anaesthesiologists of Delhi. Raminder Sehgal, Deepak Malik, **Rakesh Kumar**, Nidhi Agrawal, **Kavita Sharma**, Sanjeev Sharma. The Ganga Ram Journal 2012;2:79-84
19. Anesthetic management of superior vena cava syndrome due to anterior mediastinal mass. Kapil Chaudhary, Anshu Gupta, **Sonia Wadhawan**, Divya Jain, **Poonam Bhadoria**. Journal of Anaesthesiology Clinical Pharmacology, year 2012, Volume 28, Issue 2 (p. 242-246)
20. A rare fatal catastrophe during caesarean section: Amniotic fluid embolism. Nishant Kumar, Suman Saini, Sunny Kumar, **Sonia Wadhawan**. Journal of Obstetric Anaesthesia and Critical Care. Year 2012, Volume 2, Issue 2 (p. 113-114)
21. . Tracheal intubation through Igel conduit in a child with post-burn contracture. Richa Gupta, Ruchi Gupta, **Sonia Wadhawan**, **Poonam Bhadoria** Journal of Anaesthesiology Clinical Pharmacology, Year 2012, Volume 28, Issue 3 (p. 397-398).
22. Use of Proseal, as an alternative to conventional facemask, to facilitate ventilation in anticipated difficult mask ventilation. Akanksha Atulkar, Richa

Gupta, **Sonia Wadhawan** Journal of Anaesthesiology Clinical Pharmacology, year 2012, Volume 28, Issue 4(p. 540-542).

23. Case report accepted in APSP Journal of Case Reports, "Giant Hydatid cyst within a pre-existing Congenital Cystic Adenomatoid Malformation of the lung – A double whammy" . Sarin YK, Sinha S, **Bhalotra AR**, Khurana N, Sobti P.

5. Books/chapters contributed

1. Ocular Anesthesia. In; Chaudhari Z, Vanathi M editors, Postgraduate Ophthalmology (1st edition). New Delhi. Jaypee Brothers; 2012; Pg208-217. **Bharti Taneja, Kirti N Saxena**,
2. Chapter published in Proceedings of Pediatric surgery Update 2012 . Chapter 16. Anaesthetic Considerations in Pediatric patients. Pg 92-102. **Dr Anju Bhalotra**

6. Conference/Workshops/Symposia attended

1 Airway workshop-MAMC-3rd – 5th Feb.2012

Dr. Raktima Anand organizing chairperson and chaired a session
Dr Rakesh Kumar organizing secretary

Faculty in Airway 2012 at MAMC

Dr Kirti N Saxena.
Dr Munisha Agarwal
Dr Kavita Rani Sharma
Dr Anju Bhalotra
Dr Sonia Wadhwan
Dr Manoj Bhardwaj
Dr Bharti Taneja
Dr Neelam Prasad
Dr Mona Arya

2 CME on organ transplantation-Organized by SGRH, New Delhi – 19th Feb.2012 – Dr Raktima Anand chaired a session.

3 Pediatric Surgery update – Organized by Deptt.of Pediatric Surgery, MAMC – March 2012

Chaired session

Dr. Raktima Anand
Dr J S Dali

Faculty

Dr Anju Bhalotra
Dr Kavita Rani Sharma

- 4 **Annual conference of Delhi Branch of Indian Society of Anaesthesiologists – April 2012**
 Dr. U.C.Verma chaired session
 Dr. Raktima Anand chaired session
 Dr Kirti N Saxena, attended annual conference of ISA Delhi. Judge in poster competition. Author of 5 papers and 1 video presented.

 Protocol Based Strategy of Airway Management and its Execution in Various Cases-----ISA annual meet Delhi chapter April 2012

 Dr Rakesh Kumar
 Dr Munisha Agarwal
 Dr Kavita Rani Sharma
 Attended annual conference of ISA Delhi
 Dr Bharti Taneja --- Presented papers
 Dr Neelam Prasad
- 5 **Mid-term conference of Indian college of Anaesthesiologists – 29th 30th June 2012** organized by Deptt. of Liver Transplantation Medanta. The Medicity Gurgaon
 Dr. Raktima Anand chaired a session
- 6 **5th National conference of AOA-Sept 2012**, Organized by SGRH, New Delhi
 Dr. Raktima Anand chaired a session
 Dr Sonia Wadhawan Participated in a pro/con session.
 Dr Bharti Taneja Participated in a pro/con session.
- 7 **EORCAPS – Organized by UCMS – Sept.2012**
 Delivered a lecture
 Dr. U.C.Verma
 Dr Raktima Anand
 Dr J S Dali
 Dr Rakesh Kumar
 Dr Kirti N Saxena
 Dr Munisha Agarwal
 Dr Kavita Rani Sharma
- 8 **INCRAA SCCC – organized by AIIMS – October 2012**
 Dr. U.C.Verma chaired a session
 Dr Raktima Anand chaired a session

- 9 **No Scalpel Vasectomy (NSV) Training Courses** held at MAMC on 18th February 2012 and on 17th March 2012.
Dr J S Dali delivered lecture
- 10 **American Thoracic Society Congress, USA May 2012**
Dr Poonam Bhadoria – presented two papers.
- 11 **Perioperative Anesthesia and medicine conference 2012** organised by ISA Jalandhar branch on 4.3.2012. Delivered lecture.
Faculty - Dr Kirti N Saxena
- 12 **XVII World Congress IFSO 2012, Bariatric Anaesthesia Course, 14th** Sept'2012 organised at Deptt. Of Bariatric surgery, Max Saket Hospital Delhi. Dr Munisha Agarwal & Dr Neelam Prasad Attended the congress.
- 13 **Ultrasound guided nerve block conference** in AIIMS-October 2012
Dr Munisha Agarwal & Dr Neelam Prasad Attended the conference.
- 14 **Teleconference by DNBE at IP University, Delhi.**
Dr Manoj Bhardwaj -- Delivered a talk
- 15 **“Research scientific anesthesia clinical pharmacology conference (RSACPCON)” NOV 2012**
Dr Neelam Prasad Delivered talk in the Pros and cons session.
- 16 **4th National conference of Indian Association of Pediatric Anaesthesiologists** at Hyderabad. (11-12th Feb 2012).
Dr Mona Arya – Attended the conference.
- 17 **Acupuncture course** organized by LHMC, Delhi July 16 - Aug 11, 2012.
Dr.U.C.Verma -Delivered three lectures

7. Representation on expert committee/bodies

Dr. U.C.Verma

1. Specialty Expert for selection of teaching faculty at ILBS
2. Internal Expert of TAC appointed by H&FW Department, Govt. of NTC of Delhi
3. SPC member appointed by H&FW Department, Govt. of NTC of Delhi
4. MCI assessor for recognition of M.D. Anaesthesiology
5. Selection committee for MAIDS
6. External Expert of TAC for MCD, IHBAS, DSCI

7. Member, Sectional Committee of Anesthetic Resuscitation and Allied Equipments of Bureau of Indian Standards
8. President of Acupuncture association of India, Delhi Branch
9. President of National Association of Critical Care Medicione (India)
10. Chief Editor of Asian Archives of Anaesthesiology and Resuscitation Journal
11. Examiner for various universities & NBE
12. Assessor for thesis / dissertation of Diplome National Board
13. Paper setter for MD anesthesiology exam for Santosh Medical college
14. Inspector for accreditation of DNB (Anaesthesiology course)

Dr. R. Anand

- 1 Expert Panel for NBE
- 2 Selection committee for ESIC
- 3 Selection committee for UPSC
- 4 Selection committee for MCD
- 5 Member purchase board MCD
- 6 Examiner ship for various universities & NBE

Dr. J.S. Dali

- 1 **Subject Expert** in Central Selection Board, NTPC for selection of Medical Specialist in Anaesthesia – 23rd & 24th January 2012.
- 2 **Examiner**, DNB (practical)
 - a. Madras Medical College, Chennai, 20-23rd March 2012
 - b. Govt. Medical College, Chandigarh 10-12th May 2012
- 3 **Coordinator Examiner**, DNB (Practical), MAMC, 3rd to 6th September 2012
- 4 **Appraiser** DNB (Theory), Govt Medical College, Chandigarh, 8- 9th December 2012
- 5 **Inspector** for accreditation of DNB (Anaesthesiology course)
 - a. Noble Hospital, Pune, 5th May 2012
 - b. Ruby Hall Clinic, Pune, 5th & 6th June 2012
 - c. Columbia Asia Referral Hospital, Bangalore 20 – 21st June 2012
- 6 **Member**, Examination Ethics Committee, National Board of Examination
- 7 **Adjudicator / Assessor** for thesis / dissertation
 - a. National Board of Examination
 - b. The West Bengal University of Health Sciences

Dr. P. Bhadoria

1. Speciality Expert for selection of Professor, Anaesthesia at Sharda University, Greater Noida on 30.1.2012
2. Speciality Expert for selection of Assistant Professor at LHMC, Delhi on 26.3.2012
3. MCI Expert for start of M.D Anaesthesia at various states in country.
4. External Examiner for M.D./DA Anaesthesia at AMU, Aligarh/ KGMC, Lucknow/ Kanpur.

Dr. Rakesh Kumar

1. Expert Anesthesiology, MCI Expert Committee on MSR (Minimum Standard Requirement) for Equipments for various levels of Institutions
2. Expert Anesthesiology, MCI Expert Committee for the Review of Undergraduate MBBS Curriculum
3. Member, Sectional Committee of Anesthetic Resuscitation and Allied Equipments of Bureau of Indian Standards
4. MCI Inspector
5. Library Officer, Central Library of Maulana Azad Medical College
6. President, MAMC Magazine Committee

Dr. Kirti N. Saxena

1. Executive member of Association of obstetric anesthesiologists, National body
2. Member of board of studies of department of anesthesiology at JLN medical college , Aligarh Muslim university
3. Ongoing treasurer of Acupuncture association of India, Delhi Branch
4. Editorial board member of Indian journal of pain
5. On advisory board of Indian journal of medical specialties
6. Editorial board member of Journal of Anesthesiology and clinical Pharmacology
7. Rater for the McMaster Online Rating of Evidence (MORE) System offered through the Health Information Research Unit of McMaster University, Canada
8. Internal examiner for DA examination at Maulana Azad medical college
9. Set paper for entrance exam for Diplomate national board
10. Set paper for MD anesthesiology exam for IP university

Dr. Munisha Agarwal

- 1 ICMR Project Review Committee, 16TH July'2012

- 2 Appraisal for DNB Anesthesiology for Deptt. Of Anesthesiology, St. Stephen's Hospital Delhi, July'2012
- 3 In the panel of experts for DNB
- 4 Member of PGMET Cell

Dr. Anju Bhalotra

Appointed as Assistant Library Officer

Dr. Sonia Wadhawan

- 1 Appointed as an Examiner for the practical examination in Anaesthesiology for DNB trainees conducted by National board of examinations in May 2012.
- 2 Appointed by National board of examinations as Appraiser for DNB trainees in Anaesthesiology in June 2012.
- 3 Preparation of MCQ for the specialty of Anaesthesiology for post graduate entrance exam conducted by NBE.
- 4 Appointed as expert for assessment of thesis of DNB trainees.
- 5 Member of Maternal Death Review Committee for Deptt. Of Obst. & Gynae.

Dr Manoj Bhardwaj

- 1 I was appointed Examiner for Practical Examination in April 2012 and September 2012 by DNBE and Assessed Thesis work.
- 2 Appointed to Set Theory Paper for BSc (OT) Technician by University of Medical Health Sciences, Rohtak, Haryana.

Dr Bharti Taneja

1. Deputy Superintendent of Examination. DNB practical examination held at MAMC, New Delhi , Sept 2012
2. Member committee on Course and studies, Delhi University.

Dr Amit Kohli

- 1 Assistant superintendent in DNB anesthesiology examination at MAMC in April 12th sep12.
- 2 Executive member MAMC at Delhi ISA from April 12 to April 13.

8. Health Services to the community

Pulse Polio Immunization Program- 2012

Life Line Express camp of Rajiv Gandhi Foundation– March 2012

9. OT Statistics (Cases in OT under Anesthesia), OPD Statistics (PAC & Pain Clinic) and ICU admissions for 2012-13

S.N.	Facilities	No.
1	OPD (PAC clinic)	22,489
3	IPD Admission	15 bedded ICU 804 (total admission)

OPERATION	THEATRE	Elective cases	Emergency cases
OT-1	GENERAL SURGERY	2460	205 (Saturday emergencies in OT 1& 2)
OT-2	ORTHOPEDIC	1209	
	PLASTIC	646	
OT-3	PEDIATRIC	1418	
	ENT	2081	
OBGY OT	OBG/GYN	1165	181
	PP	745	128
	SEPTIC		2095
OT-UROLOGY		202	
OT-BURN		450	
OT- EMERGENCY			2540
Total		10376	5149

Total Elective and Emergencies – 15525

10. New facility added: Fourth Orthopedics OT table started on Tuesday and Friday.

11. Any other relevant academic information worth mentioning

First Prize in ISA Delhi chapter quiz 2012.

ANATOMY

Name of the Head of Department: Dr. J.M.Kaul was HOD till July 2012
Dr S Kakar was HOD till Sept 2012
Dr N Vasudeva is HOD from October 2012
Onwards

1. FACULTY

S.No.	Name of the Faculty	Designation
1.	Dr. Neelam Vasudeva	Director Professor and HOD
2.	Dr J.M.Kaul	Director Professor
3.	Dr. Smita Kakar	Director Professor
4.	Dr. Sabita Mishra	Professor
5.	Dr.R.Q. Khan	Professor
6.	Dr. Dinesh Kumar	Professor
7	Dr. Anita Mahajan	Professor
8.	Dr. Ranjana Verma	Assistant Professor

2. RESEARCH SCHEME

(a) On going project

1. Synaptogenesis of human cochlea during prenatal period, Dr S. Mishra and Dr J.M.Kaul.
2. Plastination of human cadaveric hand & foot, under the plan scheme strengthening of Medical Research at MAMC. Dr. N.Vasudeva.
3. Maturation of auditory cortex in chick embryo explants Dr S. Mishra, Dr. J.M.Kaul.
4. Maturation of auditory cortex and MAP2 expression in human fetuses. Dr S. Mishra,
5. Dr J.M. Kaul. MAMC.
6. "Evaluation of Effects of Environmental pollutants in the pathogenesis of various Cardio Respiratory Disease in Traffic Police personal. Dr.Dinesh Kumar. Funding agency- Ministry of Environment and Forest, Government of India.
7. Effect of Chlorpyrifos on development of brain in chick embryo. Dr.S. Mishra, Dr. A. Mahajan under the plan scheme strengthening of Medical Research at MAMC.
8. Placental Immunopathologies in pregnancies associated with diabetes. Dr. R. Verma, Dr.S. Mishra, Dr. J.M.Kaul under the plan scheme Strengthening of Medical Research at MAMC.

(b) Details of thesis completed during current year

1. Morphological maturation of hippocampus during second and third trimester in human foetus: An immunocytochemistry study.

PG Student: Dr. Shilpi Garg

Supervisor: Dr. J.M.Kaul

Co Supervisor: Dr. S. Mishra

2. A morphometric and immunohistochemical study of the developing endocrine pancreas at various gestational ages.

PG Student: Dr. Swati Tiwari

Supervisor: Dr. J.M.Kaul

Co Supervisor: Dr. S. Mishra

3. Morphometric evaluation of subaxial vertebrae: An anatomic and radiologic study.

PG Student: Dr. Vishal Verma

Supervisor: Dr. N. Vasudeva

Co Supervisors: Dr. Rashmi Dixit, Dr. Sumit Sural, Dr. Dinesh Kumar.

4. Trainees from other agencies: Nil

5. Training course/Conferences/Workshops organized:

1. Department of Anatomy organized a workshop on "Preservation Techniques of human body. Embalming and Museum Techniques" on March 25th and 26th 2012. 60 Postgraduate students and senior residents of medical colleges from North India attended this Hands-on workshop. All faculty members delivered lectures on various aspects of embalming, plastination and museum techniques.
2. Three workshops were organized by Dr. J.M.Kaul, as joint collaboration between Anatomy and ENT MAMC in oto-rhino-laryngology lab to demonstrate hands on skills for dissection of microsurgery of ear including cochlear implant. This is an ongoing project.

3. PUBLICATIONS DURING THE PERIOD:

1. Mahajan A. Rana K.K. & Saha S. Perforation of Axillary Vein by a Branch of the Axillary Artery - an Anatomical Study, Int. J. Morphol., 30(2):579-582, 2012.
2. Verma R. Prasad R. Mishra S. and Kaul J. M. Vascular Pattern of Chorionic Blood Vessels of Placenta and its Correlation with the Birth Weight of Neonate, Int. J. Morphol., 30(3):952-955, 2012

4. BOOKS/CHAPTERS/CONTRIBUTED:

1. Dr. JM Kaul, Dr. S Kakkar, N. Vasudeva, Dr. S. Mishra, Dr. A. Mahajan , Dr. Dinesh Kumar have contributed to the Handbook on Embalming Procedures Preservation techniques of Human Body- Embalming & Museum Techniques published in 2012.
2. Dr S. Kakkar is the author of the book A Practice Manual of Illustrative Anatomy published by Jaypee publishers.

5. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED:

1. Dr J.M. Kaul chaired a session in the e-learning collaborative workshop between MAMC and university of Edinburgh and Dr S. Mishra participated in this workshop on August 2012, at India Habitat Centre, Delhi.
2. Dr J.M. Kaul was invited to speak on CISP in the plenary session of 7th annual conference of NSCASI on Prosected Larynx:- Anatomist, anesthetist & Laryngologist perspective, held at PGI Chandigarh on 17-18th November 2012.
3. Dr N. Vasudeva was invited as chairperson in 7th annual conference of NSCASI on Prosected Larynx:- Anatomist, anesthetist & Laryngologist perspective, held at PGI Chandigarh on 17-18th November 2012.
4. Dr S. Mishra and Dr A. Mahajan attended 60th NATCON held at KIIMS, Bhubaneswar, Odisha on 26-29th December 2012.
 - Poster Presented: Symmetrical variations in the branching pattern of abdominal aorta: a case report. Dr. R.Verma, Dr. Swati Tiwari.
 - Paper Presentation:
 - i. Corrosion cast preparation using PVC solution- A new technique. Dr.S.Mishra, Dr.J.M.Kaul, Dr. N. Vasudeva, Dr.R.Verma, Dr.A.Mahajan and Dr. Rakhee Sharma.
 - ii. Mounting of wet specimens and establishing visual gallery in museum. Dr. A.Mahajan, Dr.R.Verma, Dr.Suraj, Dr.Bindusar, Dr.N.Vasudeva.
 - iii. Vertebral Morphometric Parameters in Subaxial Vertebral Column in North Indian Population. Dr. Vishal Verma, Dr. N Vasudeva, Dr. Dinesh Kumar.
5. Dr Dinesh Kumar attended - 5th Annual conference on Genetic and Molecular Diagnosis in Modern Medicine, SRM University, Chennai. 27 -28 Jan 2012 and Workshop on - PCR, Realtime PCR, and DNA sequencing, SRM University, Chennai, 26 Jan 2012
6. All faculty members attended DASMOS organized by LHMC, ND on 8th Sept 2012 .
7. Dr.A.Mahajan and Dr.R.Verma attended BCLS and ACLS hands-on workshop from 2-4 April 2012 at Clinical Skills Lab, MAMC.

6. REPRESENTATION ON EXPERT COMMITTEE/BODIES:-

- Dr. J.M.Kaul is Chairperson of committee formulating GMR (Graduate Medical Regulation) at MCI.
- Dr. J.M. Kaul is Chairperson of Undergraduate Committee at MCI.

- Dr. J.M.Kaul is Member of working group of Faculty Development Programme.
- Dr. J.M.Kaul is a Convenor, Regional Training Centre in Medical Educational Technology, MAMC.
- Dr. J.M.Kaul, is acting Chairperson of Sub committee of the Academic Council on Minimum Standards Requirments (MSR) by MCI.
- Dr. J.M.Kaul, is an expert to finalise list of equipments in anatomy under MSR for medical colleges.
- Dr. J.M.Kaul, is Resource Faculty to conduct Curriculum Implementation Support Programme (CISP) workshop at MCI.
- Dr. N. Vasudeva is honorary faculty member in Department of Medical Education MAMC which conducts National Teachers Training Courses for teaching medical faculty from all over India.
- Dr. S. Mishra is an advisor to Board of Research Committee at AIIMS and Jiwaji University, Gwalior
- Dr R.Q. Khan is a member of board of studies of department of anatomy, JNMC, Aligarh Muslim University and advisory board to Journal of Medical erudite.

7. HEALTH SERVICES TO THE COMMUNITY:

Health centre activities/camps/drives/national programme etc.:

1. The entire staff participates in the national programme on Pulse Polio Eradication.
2. The department participates in awareness drives in the community regarding body donation.

8. LAB DATA:

- a) Name of the Lab : Cytogenetics lab
- b) Name and no.of the test perform: Karyotyping. No. of tests = 30.
- c) Percentage of growth compared to last year: 100%.

9. NEW FACILITIES ADDED:

1. Cytogenetics: Refrigerated Centrifuge.
2. Molecular Biology: Gel Documentation and PCR.

10. ANY OTHER WORTH MENTIONING INFORMATION:

- The Department of Anatomy is a centralized facility for embalming.
- The Department is recognized centre for voluntary body donation.
- The Department of Anatomy is a centre for the following teaching programs:-
 - i. Bachelor of Dental Surgery
 - ii. B.Sc. Nursing
 - iii. Bachelor Prosthetic and Orthotic Sciences
 - iv. Bachelor Speech, Audiology, Language pathology

BIOCHEMISTRY

Name of Head of Department: Dr. Alpana Saxena

1. FACULTY:

Director Professor and Head	Dr. A. Saxena, MD
Director Professor	Dr.Sarita Agarwal, MD
Director Professor	Dr.S.K.Gupta, MD.
Director Professor	Dr.T.K. Mishra, MD
Director Professor	Dr.Alka Khaneja, MD
Director Professor	Dr.P.C. Ray, MD
Professor	Dr.Pramod Lali, MD
Professor	Dr.B.C. Koner, MD
Professor	Dr.Lal Chandra, MD
Professor	Dr.Smita Kaushik, MD

2. RESEARCH SCHEMES:

a) Ongoing projects:

1. Genetic alterations (promoter hypermethylation) in disease progression of chronic myeloid leukemia patients.” Funded by DBT, India : **Dr. A. Saxena**, Dr. PC Ray and Dr. N Gupta.
2. Evaluation of promoter hypermethylation of tumor suppressor genes (RASSF1A, CDH1 and BRCA1) in serum DNA of breast cancer: **Dr. A. Saxena** .
3. A study of genetic alteration (RIZ1-PR domain methyl transferase gene) in the disease progression of chronic myeloid leukemia patients. ICMR project, Principal Investigator: **Dr. A. Saxena** and Co-investigator: Dr. PC Ray.
4. A study of Genetic alterations in ovarian cancer patients. ICMR, SRFship under **Dr. A. Saxena**.
5. Prognostic Significance of apoptosis gene alterations in Non-Small Cell Lung Cancer patients. ICMR, SRFship under **Dr. A. Saxena**.
6. Molecular mechanisms of imatinib resistance in Chronic myeloid leukemia patients. **Dr. A. Saxena**.
7. Modulation of cytokine production in women with pregnancy loss –a double blinded placebo controlled study under Indian council of medical Research, 2010-2013, **Dr. S. Agarwal**
8. Serum levels of hsCRP, IL 6, TNF alfa , MM-A and co peptin in patients of acute ischemic stroke and their association with stroke severity and outcome: **Dr. S. Agarwal**
9. A study of maternal malnutrition in hepatitis E during pregnancy and its role in vertical transmission. **Dr S. Agarwal**. as co-guide for PhD thesis.
10. A study of lipoprotein associated phospholipase A2, lipoprotein (a) and hsCRP in patients of coronary artery disease: **Dr. SK Gupta**.

11. Study of plasma levels of soluble CD40 ligand (CD40l) and CD40 gene kozaic sequence-1 CC/T polymorphism in coronary artery disease: **Dr. SK Gupta**
12. Vitamin D levels and Vitamin D binding protein variant in COPD patients: **Dr. TK Mishra**
13. "Study of the hormonal profile and role of MAMLD1 (CXorf6) gene polymorphism in children with isolated hypospadias" **Dr. TK Mishra** as guide for PhD thesis.
14. Role of biomarkers CCLI8/PARC and Heparin thrombin II cofactor for diagnosis and monitoring of Lysosomal storage disorders in Indian children. **Dr. TK Mishra** as co-guide for PhD thesis.
15. Study of circulating levels of resistin and +299(g>a) resistin gene polymorphism in type 2 diabetes mellitus patients: **Dr. A Khaneja**
16. Study of polymorphism of VEGF gene, serum VEGF and IL-18 level in diabetic nephropathy: **Dr. A Khaneja**.
17. Screening of antioxidant and anticancer properties of podophyllum hexandrum in mice Model ICMR SRFship under **Dr. PC Ray**.
18. Serum vitamin D, IL-4, TNF α levels and vitamin D receptor gene polymorphism in epithelial ovarian cancer: **Dr. PC Ray**
19. An in vitro study to find out the effect of sera from leprosy patients on activation of mouse macrophage cells induced by IFN- γ , LPS and BCG. Funded by Govt. NCT Delhi.: **Dr. PC Ray**
20. A study of electrode buffer pH on electrophoretic mobility of both A and B chains of different types of insulin funded by Govt. NCT Delhi.: **Dr. PC Ray**
21. Screening of antioxidant and anticancer properties of Podophyllum hexandrum in mice model. A SRF (ICMR project): **Dr. PC Ray** and Mrs. Shazia R.Farooq
22. A feasible tool of mass screening for Type 2 Diabetes Mellitus in the rural community of Delhi .ICMR project, Principal Investigator - Dr.Jugal Kishore, Co-investigator: **Dr PC Ray**.
23. Development of rapid sensitive molecular test in type 2 Diabetes mellitus (T2DM) to detect inactivating C609T mutation in antioxidant defense system gene NQO1. ICMR STS project by Sarah Khan under **Dr. PC Ray**.
24. Developing a sensitive and specific PCR for leprosy by amplifying *hlp* like gene of *M. leprae*. ICMR STS Project by Shayeri Roy choudhuri under **Dr. PC Ray**.
25. Serum cystatin C as a marker of early nephropathy in metabolic syndrome: **Dr. P Lali**
26. Evaluation of stress, fertility hormone and seminal quality in male partner of infertile couples: **Dr. BC Koner**
27. Serum leptin and adiponectin in metabolic syndrome: **Dr. Lal Chandra**
28. Evaluation of adiponectin receptor gene polymorphism and insulin resistance in patients of male infertility: **Dr. Lal Chandra**
29. Serum neutrophil gelatinase associated lipocalcin (NGAL)and Cystatin C as early predictors of acute kidney injury in patients undergoing angiography followed by angioplasty: **Dr. S Kausik**.

b) Thesis completed :

1. Blood glucose leveling hypoxic ischemic encephalopathy in term neonates: **Dr.A.Saxena** as co-guide of MD Paediatrics thesis.
2. Assessment of angiogenesis and proliferation in Multiple Myeloma: **Dr.A.Saxena** as co-guide, MD Pathology thesis.
3. A study of prognostic significance of IL-6-17GC polymorphism and IL-6, hs-CRP and Lp (a) serum levels in patients of acute ischemic stroke.: **Dr S. Agarwal** as guide (MD Biochemistry Thesis).
4. To study the cognitive functions in iron deficiency anemia of pregnancy before and after treatment: **Dr. S. Agarwal** as co-guide for MD physiology.
5. Free radical mediated cardiovascular dysfunction in chronic heart failure-molecular and systemic mechanism: **Dr. S. Agarwal** as co-guide for PhD thesis.
6. A study of prognostic significance of IL-6-174 g/c promoter polymorphism and IL-6, hsCRP, lp(a) serum levels in patients of acute ischemic stroke: **Dr. S. Agarwal** as guide
7. To study cognitive functions in iron deficiency anaemia of pregnancy before and after treatment.: **Dr. S. Agarwal** as co-guide
8. Study of lipoprotein associated phospholipase A2, hs-CRP and Lp(a) in CAD. By Dr. Saswati Das, Guide: **Dr S.K. Gupta.**
9. Study of plasma levels of CD40 L and CD40 gene KOZ A/C sequence-1(C>T) polymorphism in CAD. By Dr. Sapna Singh, Guide: **Dr S.K. Gupta**
10. Assessment of bone mineral density in children and adolescents with β thalassemia major. Dr. Geetanjali Bora, **Dr. S.K. gupta**, Dr. A.P. Dubey.
11. To study the role of meditation in improving the physiology and biochemical parameters in patients of CAD. Dr. Shashank Sinha; Dr. Sanjay Tyagi, **Dr. S.K.Gupta**, Dr. A.K. Jain.
12. A clinical study of sepsis, its correlation with DIC score and comparison between community acquired and hospital acquired sepsis.: **Dr. TK Mishra** as co-guide for M.D.(Medicine) thesis.
13. To estimate Insulin like Growth Factor-1 (IGF-1) and insulin levels in term small for gestational age (SGA) at the age of 12- 18 months.: **Dr. TK Mishra** as co-guide for M.D.(Paediatrics) thesis.
14. "Serum vitamin D, TNF alpha, IL-4 levels and Vitamin D receptor gene polymorphism in Epithelial Ovarian Cancer" **Dr. PC Ray**
15. Study of Association of metabolic syndrome with hypothyroidism. By Dr. Amit Jain, Co-guide: Dr. Lal Chandra and Dr. Dinesh Dhanwal, Guide: **Dr Pramod Lali.**
16. Comparison between APACHE-II scoring, CRP, IL-6 estimation and contrast enhanced computed tomography findings for the early prediction of severity and morbidity in acute pancreatitis. **Dr. P Lali** as co-guide of MS (surgery) thesis.
17. Effects of severe perinatal asphyxia on pituitary and thyroid function in newborn: By Dr. Reetika . **Dr. BC Koner** as guide of MD (Biochemistry).
18. Serum S-100 protein and neuron specific enolase as predictors of encephalopathy and adverse outcome in term babies with severe asphyxia. **Dr. BC Koner** as co-guide of MD (pediatrics).

19. Evaluation of insulin resistance, metabolic syndrome and adiponectin receptor gene polymorphism in male factor infertility. **Dr. Lal Chandra**
20. Evaluation of serum NGAL and Cystatin C in patients undergoing coronary angiography followed by angioplasty. **Dr. S Kausik**

3. TRAINEES FROM OTHER AGENCIES:

- a. MLT students from Board of Technical Education, New Delhi were trained on different laboratory procedures.
- b. Students of MD (pathology) were trained on chemical pathology.
- c. Students of MSc & BSc(Biochemistry) from Delhi University are trained on molecular techniques.

4. PUBLICATIONS:

1. Rashid Mir, Imtiyaz Ahmad, Jamsheed Javid, Shazia Farooq, Prasant Yadav, Mariyam Zuberi¹, M. Masroor¹, Sameer Guru¹, Ajaz Ahmad Bhat², Tanveer Ah khatlani³, Naresh Gupta⁴, P C Ray¹ and **Alpana Saxena**. Epigenetic Silencing of DAPK1 Gene is Associated with Faster Disease Progression in India Populations with Chronic Myeloid Leukemia . J Cancer Sci Ther 2012;5: 144-149..
2. Jamsheed Javid, AB Rashid Mir, Imtiyaz Ahamad, Shazia Farooq, Prasant Yadav, Maryam Zubari, M Masroor, PC Ray, PK Julka, Anant Mohan, Maqbool Lone, MA Banday and **Alpana Saxena**. Clinical and Prognostic Significance of Promoter Polymorphism (-31GC) of Anti Apoptotic Gene Survivin (BIRC5) in North India Patients with Non Small Cell Lung Cancer. J Cancer Sci Ther 2012;4: 276-280.
3. Jamsheed Javid, Rashid Mir, M Masroor, Shazia Farooq, Imtiyaz Ahamad, Prasant Yadav, Maryam Zubari, PC Ray, Ajaz Ah Bhat, PK Julka, Anant Mohan, Maqbool Lone, MA Banday and **Alpana Saxena**. Impact of MDM2 SNP309T>G Polymorphism: Increased Risk of developing Non Small Cell Lung Cancer and Poor Prognosis in Indian Patients. J Cancer Sci Ther 2012;4: 341-346.
4. **Alpana Saxena**, Javid J, Mir R, Masroor M, Ahamad I, Farooq S, Yadav P, Zuberi M, Ajaz Ah Bhat, Ahmad I, Khalanin T, Julka PK, Mohan A, Lone M, Banday MA and Ray PC (2013). TP53 is a Mutational Target in Non Small Cell Lung Cancer Patients and its Pro/Pro Variant is Potentially Contributing to Cancer Susceptibility. J Carcinogene Mutagene 2012;4:138..
5. Imtiyaz Ahmad, Rashid Mir, Maryam Zubari, Jamsheed Javid, Prasant Yadav, Shazia Farooq, M. Masroor, Sameer Guru, Sheikh Shanawaz, P C Ray, Ishfaq Ahmad, Tanvir S. Khatlani, Ajaz Ah Bhat, Naresh Gupta, Sunita Jetly, Niyaz Ahmad, **Alpana Saxena**. Inactivation of RIZ1 Gene by Promoter Hypermethylation is Associated with Disease Progression and Resistance to Imatinib in Indian Chronic Myelogenous Leukemia Patients, First Study from India. J Cancer Sci Ther 2013;5: 045-051.
6. Imtiyaz Ah, Mir Rashid, Sameer G, Jamsheed J, Mariyam Z, Shazia F, Prasant Y, Masroor M, Ajaz Bhat, Sheikh Ishfaq, Naveen Kumar, Khalani T, Naresh Gupta, P C Ray and **Alpana Saxena**. Inactivation of P16 (INK4a) Gene by

Promoter Hypermethylation is Associated with Disease Progression in Chronic Myelogenous Leukaemia. *J Carcinogene Mutagene* 2012;4: 141.

7. Jamsheed Javid, Rashid Mir, Masroor M, Shazia Farooq, Imtiyaz Ahamad, Mariyam Zuberi, **Prasant Yadav**, AA Bhat, Ishfaq Ah Sheikh, Tanveer Ah Khatlani, Julka PK, Anant Mohan, Maqbool Lone, Ray PC and Alpana Saxena. Biological and Clinical Implications of Functional Promoter Polymorphism of CASPASE 9 Gene in Non Small Cell Lung Cancer Patients. *J Mol Biomarkers Diagn* 2012;S8:007.
8. Ratan S K, Aggarwal S K, **Mishra TK**, **Saxena A**, Yadav S, Pandey R M. The children with isolated hypospadias have different hormonal profile compared to those with associated anomalies. *J Pediatr. Endocrinol Metab*, 2012;25(1-2):111-9..
9. Sinha N, **Mishra TK**, Singh T, Gupta N. Effect of iron deficiency anemia on hemoglobin A1c levels. *Am Lab Med*.2012;32(1):17-22.
10. Mahto M, Chakraborty B, Gowda S H, Kaur H, Vishnoi G, **Lali P**. (2012) Are hsCRP levels and LDL/HDL ratio better and early markers to unmask onset of dyslipidemia and inflammation in asymptomatic subclinical hypothyroidism? *Ind J Clin Biochem*. 2012;27(7):284-9
11. Suresh PS, **Koner BC**. (2012) Effect of acute and chronic stress on leucocyte count: modulation by chlordiazepoxide. *Immunopharmacol Immunotoxicol*. 34(4):586-9.
12. Yadav NK, Poudel B, Thanpari C, **Koner BC**. (2012) Assessment of biochemical profiles in premenopausal and postmenopausal women with breast cancer. *Asian Pac J Cancer Prev*. 13(7):3385-8

5. **BOOKS_WRIITEN/EDITED/CHAPTERS CONTRIBUTED:**

Practical Manual of Biochemistry for M.B.B.S.(2nd Edition) has been written by **Dr. S.K. Gupta**, Dr. V.S.Gehlaut and Dr. Anju Jain.

Practical Manual of Biochemistry for B.D.S. (2nd Edition) has been written by **Dr. S.K. Gupta**, Dr. V.S.Gehlaut and Dr. Anju Jain.

6. **CONFERENCES /WORKSHOPS ATTENDED:**

- 20th National Conference of Association of Medical Biochemists of India (AMBI) held at , Bhubaneswar, Odisha from 07.12.2012 to 10.12.2012 was attended by **Dr. Sarita Agarwal**, , **Dr. SK Gupta**, **Dr. T.K.Mishra**, **Dr. P. C. Ray** and Dr saroj, Dr Sudeshna, Dr Mamta, Dr Nakshi, Dr Dyanesh, Dr Sagar, Dr Kajal and Dr Sapna presented papers and Posters.
- **Dr. Sarita Agrawal**, **Dr. T.K.Mishra** and **Dr. P.C. Ray** chaired different scientific sessions of the conference.
- **Dr. S.K Gupta** delivered a guest lecture on ‘Atherosclerosis: a vaccine away out’.
- **Dr. Lal Chandra** and **Dr P Lali** attended 3rd International Congress on Abdominal obesity, Canada during 9-12 July, 2012 .

Poster/paper presentation/awards at conferences:

1. Saswati Das, S K Gupta, Girish M.P., P C Ray-High sensitive c-reactive protein (hs-CRP) and its correlation with angiographic severity of coronary artery disease:an Indian cohort study, presented at European Congress of Immunology, held at Glasgow, Scotland, on 5th to 8th Sept. 2012.
2. Sudhesna Mohapatra, Alpana Saxena, Gauri Gandhi, T. Singh, B.C. Koner, P.C. Ray- Do cytokine play a role in immune mediated inhibition of ovarian cancer? Presented at annual symposium: cancer immunology and conducted by MD Andersan cancer research centre, Houston, Texas held on 21st and 22nd September 2012 .
3. Sudhesna Mohapatra, Alpana Saxena, Gauri Gandhi, T. Singh, B.C. Koner, P.C.Ray-Vitamin D and VDR Gene Polymorphism (Fok I) in Ovarian Cancer: A Pilot Study in Indian Population, presented at International conference of stem cells and Cancer held at Delhi 27th to 31st October 2012.
4. Sudhesna Mohapatra, Alpana Saxena, Gauri Gandhi, T. Singh, B.C. koner, P.C. Ray- Vitamin D and gene VDR gene polymorphism (*FokI*) in ovarian cancer: a pilot study in Indian population, presented At AMBICON-2012 held at Bhuvneshwar, Odisha, held on 7th to 10th December 2012.
5. Sagar Dholariya, Ab Rashid Mir, Imtiyaz Najar, Sudeshna Mohapatra, Prashant Yadav, Mariyam Zuberi, Gauri Gandhi, Alpana Saxena and Prakash C Ray- Association of p53 Codon 72 Gene Polymorphism with the Epithelial Ovarian Carcinoma (EOC) Patients, presented At International conference of stem cells and Cancer held at Delhi 27th to 31st October 2012.
6. Sagar Dholariya, Sudhesna Mohapatra, AB Rashid Mir, Imtiyaz Najar, Prashant Yadav, Mariyam Zuberi, Gauri Gandhi, Nita Khurana, Alpana Saxena and Prakash C Ray- Association of p53 Codon 72 Gene Polymorphism with the Epithelial Ovarian Carcinoma (EOC) in north Indian population, presented At AMBICON-2012 held at Bhuvneshwar, Odisha, held on 7th to 10th December 2012.
7. Sagar Dholariya, Kajal, Maheshwari Samy, Parth Desai, Alpana Saxena.- Plasma cell leukemia—A case report. Presented at AMBICON-2012 held at Bhuvneshwar, Odisha, held on 7th to 10th December 2012.
8. Saroj choudhary, Dr. Sarita Agarwal, Dr. Debashish Chowdhury, Dr. T.K. Mishra- Serum levels of hs-CRP, IL-6, on admission day in acute ischemic stroke and their correlation with clinical outcome. Presented at AMBICON-2012 held at Bhuvneshwar, Odisha, held on 7th to 10th December 2012.
9. Mamta Padhy, Dr. Smita kaushik, Dr. B.C. Koner-Serum NGAL as an Early predictor of Acute Kidney Injury In Patients Undergoing Angioplasty. Presented at AMBICON-2012 held at Bhuvneshwar, Odisha, held on 7th to 10th December 2012.
10. Dr. Usha Bindal , Dr. S.k .Gupta- A Study on high sensitivity C-reactive protein, Cystatin C And Intima media thickness In off Spring of patients Of coronary artery disease. Presented at AMBICON-2012 held at Bhuvneshwar, Odisha 7th to 10th December 2012.
11. Dr. Dnyanesh Amle and Dr. B.C.koner-effect of use of red vacutainers on CSF protein estimation. Presented at AMBICON-2012 held at Bhuvneshwar, Odisha, held on 7th to 10th December 2012.

12. Dr Dnyanesh, JR presented a poster entitled “Effect of VEGF polymorphism on Diabetic Nephropathy” at 2nd International conference of Molecular pathology held on February 9th-10th 2013 at Raipur, Chhattishgarh, India.
13. Dr Dnyanesh Amle, Dr A Khaneja, Dr R Ahlawat, Dr S Agarwal, Dr A saxena. Hyper-glycemia in Diabetes mellitus: often underestimated. Presented at 3rd world congress on Diabetes and Metabolic syndrome held at Hyderabad on 24-26 september 2012
14. Harneet Kaur, Alka Khaneja, Dinesh Dhanwal, Jamsheed Javid, Alpana Saxena and P C Ray- A study of circulating levels of Resistin and +299 (G>A) Resistin gene polymorphism in type 2 Diabetes Mellitus, presented at AMBICON-2011 held at Tiruchirappalli Tamilnadu, held on 15th to 18th December 2011.
15. Nakshi Sinha, Pramod Lali, Dinesh Kumar Dhanwal, Lal Chandra-Status of serum leptin & adiponectin in Metabolic Syndrome. Presented at symposium conducted by research society for the study of Diabetes in India (RSSDI) held at Delhi on 23rd September 2012.
16. Nakshi Sinha, Pramod Lali, Dinesh Kumar Dhanwal, Lal Chandra-Status of serum leptin & adiponectin in Metabolic Syndrome. Presented at AMBICON-2012 held at Bhuvneshwar, Odisha, held on 7th to 10th December 2012.
17. Sarah Khan, Imatiyaz Ahmad, Mala Mahto, Prashant , N P Singh, Rashid Mir, Alpana Saxena and P C Ray- An evalution of association of C609T mutation in antioxidant defense system gene NAD(P)H dehydrogenase [quinine] 1(NQO1) in T2DM, presented At AMBICON-2011 held at Tiruchirapalli Tamilnadu, held on 15th to 18th December 2011.
18. Mariyam Zuberi, Rashid Mir, Imtiyaz Ahmad, Jamsheed J, Prashant Y, Shazia F, P C Ray and Alpana Saxena- Molecular Detection of Survivin Expression, Anti Apoptotic Gene and its Association with Disease Progression in CML Patients, At International conference of stem cells and Cancer held at Delhi 27th to 31st October 2012.
19. Abhilasha Singh, Rashid Mir, Mariyam Zuberi, Imtiyaz Ahmad, Jamsheed Javed, Prashant Yadav, Mirza M, Shazia Rashid, P.C. Ray, Naresh G¹ and Alpana Saxena- Incidence of Exon 5 p53 Gene Mutation in Chronic Myeloid Leukaemia Patients, presented At International conference of stem cells and Cancer held at Delhi 27th to 31st October 2012.
20. Imtiyaz Ahmad Najar, A.B. Rashid Mir, Sagar Dholariya, Sudhasana Mohapatra, Prashant Yadav, Jamsheed Javed, Mariyam Zuberi, Shazia-Farooq, Gauri-Gandhi, Prakash C Ray, Alpana-Saxena- Role of Epigenetic Alterations in the Pathogenesis of Epithelial Ovarian Carcinoma (EOC) Patients, presented At International conference of stem cells and Cancer held at Delhi 27th to 31st October 2012.
21. Avishek Bagchi, Sresh Kumar, B.C.Das, P.C.Ray, P.Kar-Predictive value of serum actin free gc-globulin for complication and outcome in acute liver failure and its comparision with arterial ammonia presented at INASLCON.2013,at Hyderabad,on 22-24 th March,2013.

7. REPRESENTATION ON EXPERT COMMITTEE/BODIES:

- **Dr A. Saxena** reviewed research projects submitted to Indian Council Of Medical Research and Deptt of Biotechnology, India
- **Dr Alpna Saxena** was expert in interviews for appointment of faculty in Biochemistry at Lady Harding Medical College, New Delhi on 27.03.2012
- **Dr A Saxena** was external examiner for MD Biochemistry at Rohtak Medical College, Rohtak.
- **Dr. S. Agarwal** was paper setter for M.D. /M.Sc Examination of Rajasthan University
- **Dr. S. Agarwal** was paper setter for M.D/M.Sc Examination of Baba Faridkot University
- **Dr. S. Agarwal** was in editorial board of International Journal of Pharma Medicine and Biological Sciences
- **Dr. S. Agarwal** is in the panel of experts of UPSC.
- **Dr. S K Gupta** was expert on the selection committee of pt B.D. Sharma University of health sciences, Rohtak for selection of teaching faculty in Biochemistry.
- **Dr. S K Gupta** was M.D. and M.B.B.S. Examiner at AIIMS in July, 2012
- **Dr. S K Gupta** delivered a guest lecture on “Monoclonal antibodies and their applications” for African students visiting DU under academic exchange programme.
- **Dr. S K Gupta** was Delhi state representative of Association of Medical Biochemistry of India.
- **Dr. S. K. Gupta** was member of Library committee.
- **Dr. S. K. Gupta** as member of LAN committee.
- **Dr. S. K. Gupta** as member of purchase committee.
- **Dr. S. K. Gupta** continues to be the President, student’s sports committee of MAM college.
- **Dr T K Mishra**, External examiner at Smt. NHL Municipal Medical College, Sheth V S General Hospital, Ahmedabad for M.D.
- **Dr T K Mishra**, External examiner at Institute of Medical Sciences, BHU for M.D.
- **Dr T K Mishra**, External examiner at PGIMS, Kolkata & Govt. Medical College, Burdhan, West Bengal for M.D.
- **Dr T K Mishra**, External examiner for MBBS Exam at Govt. Medical College, Patiala.
- **Dr T K Mishra**. Contributor for e-book on Biochemistry practical published by Elseiver.
- **Dr T K Mishra**. An evaluator of MCQs at National Board of Examiners, New Delhi.
- **Dr T K Mishra**. Continues to be the store officer of Maulana Azad Medical College.

- **Dr. P.C. Ray** was external examiner for M.B.B.S. students at Vardhaman Mahavir Medical College
- **Dr. P.C. Ray** was external examiner for M.B.B.S. students at Govt. Medical College, Patiala.
- **Dr. P.C. Ray** was external examiner for MD Biochemistry exam at RIMS Imphal.
- **Dr. P.C. Ray** was nominated as member of Hospital lab purchase committee.
- **Dr. P.C. Ray** was nominated as member of MAMC-Research society.
- **Dr. P.C. Ray** was external examiner for B.D.S. at S.R.Dental college Faridabad
- **Dr. PC Ray** was board member of selection committee for faculty members of newly established AIIMS.
- **Dr.P.Lali** is Nodal officer of Biochemistry Laboratory for NABH Accreditation Program of L.N. hospital
- **Dr.P.Lali.** is the treasurer of Delhi state branch of Association of Medical Biochemists of India (AMBI)
- **Dr.Pramod Lali** is nominated as member of the Purchase committee
- **Dr Pramod Lali** reviewed PhD thesis from Rajasthan University of Medical Sciences.
- **Dr. Pramod lali** was external examiner for MBBS 1st yr (suppl) (Biochemistryt) examination at Mahatma Gandhi Institute medical college at Jaipur.
- **Dr. Pramod lali** was external examiner for PhD (Biochemistryt) examination at Swaiman Singh medical college at Jaipur..
- **Dr. Pramod Lali** was member of interview board for selection of senior Residents and junior specialist.
- **Dr. Pramod Lali** was member of interview board for selection of Assistant Professor on contract basis.
- **Dr. BC Koner** reviewed manuscripts from Int. J immunopharmacol, CCA and Cellular immunology.
- **Dr. BC Koner** was board member of selection committee for faculty members of newly established AIIMS.
- **Dr. Smita Kaushik** was external examiner at Santosh Medical College Gaziabad,UP, Sept, 2012
- **Dr. Smita Kaushik** was Co-author in Elsevier Project for MBBS Consult

8. HEALTH SERVICES TO THE COMMUNITY:

- a) All the Residents do the Night duties on rotational basis at Biochemistry Laboratory of LN Hospital to ensure the Quality and smooth running of the lab.
- b) All the senior residents, post graduates and technical staff participated in the ongoing
- c) Pulse Polio immunization programme of Govt of NCT of Delhi.

9. LAB DATA:

1. Central Lab Services LNHospital,;

All routine biochemical tests.

Special tests: Glycated Hemoglobin (HbA1c)

Serum CK total

Serum CKMB

Serum amylase

S. LDH

S. Ionized calcium

Urine sodium

Urine creatinine

Urine total proteins

Body fluid biochemistry

Number of tests performed during 2013

MONTH	TOTAL
JANUARY 2012	190734
FEBRUARY 2012	177570
MARCH 2012	195258
APRIL 2012	171670
MAY 2012	200690
JUNE 2012	206500
JULY 2012	211335
AUGUST 2012	224945
SEPTEMBER 2012	229482
OCTOBER 2012	238302
NOVEMBER 2012	241231
DECEMBER 2012	235360
TOTAL	2523077

Percentage increase from last year: 15%

2. Electrophoresis Lab, MAMC:

Serum protein Electrophoresis:

NAME OF INVESTIGATION	NO. OF TESTS IN 2012
ELECTROPHORESIS	45
IMMUNOFIXATION	00

3. Special clinical chemistry Lab, MAMC:

No. of tests in 2012:

Test for Bence Jones proteins -50 tests
Screening tests for porphyria -15 tests
Stone analysis - 55 tests

4. Electrochemiluminescence lab, MAMC:

The following investigations are done on Monday and Thursday

TSH	AFP
FT4	β HCG
FT3	CEA
LH	INSULIN
FSH	PTH
PROLACTIN	DHEA
FERRITIN	E2
PSA	Anti TPO
TESTOSTERONE	
CORTISOL	

No. of tests done in Electrochemiluminescence Lab in 2012:

Month	Total no. of tests in 2012.
January	435
February	302
March	389
April	238
May	53
June	38
July	00
August	00
September	00
October	00
November	00
December	00
Total	1455

Facility added:

A blood gas analyzer and an electrolyte analyzer have been installed in Biochemistry, CLS, New Delhi.

BURNS AND PLASTIC SURGERY

1. FACULTY

1. Dr. Rajeev B. Ahuja	Consultant and Head
2. Dr. P. S. Bhandari	Consultant Plastic Surgeon
3. Dr. Arun Goel	Consultant Plastic Surgeon
4. Dr. Prabhat Shrivastava	Senior Plastic surgeon
5. Dr. Varsha Gupta	Junior Specialist

Six DNB (Plastic Surgery) students, five Senior Residents and twelve Junior Residents.

2. RESEARCH SCHEMES

2.1 Ongoing Projects

1. Prospective Evaluation of the Effects of Topical Therapy with Sulphamylon® for 5% Topical Solution on Autograft Healing in Subjects with Thermal Injuries Requiring Meshed Autografts: A Comparison to a Historical Control Group. (Principal Investigator: Dr. Rajeev B. Ahuja, Co-investigator: Dr. Prabhat Shrivastava).
2. A double blind, randomized trial to directly compare gabapentin and pregabalin in the management of post-burn pruritus. (Principal Investigator: Dr. Rajeev B. Ahuja, Co-investigator: Dr. Gaurav K. Gupta).

2.2 Details of thesis completed

Anthropometric analysis of external nose in Indian Population. (Candidate: Dr. Sanjay Dhar, Guide: Dr. P. S. Bhandari)

2.3 Details of thesis undergoing

1. "Comparing the efficacy of intralesional verapamil hydrochloride with intralesional triamcinolone acetonide in the treatment of hypertrophic scars and keloids – An observer blinded study" . (Candidate: Dr. Pallab Chatterjee, Guide: Rajeev B Ahuja)
2. "Cost of providing inpatient burn care in a tertiary, teaching, hospital of North India". (Candidate: Dr. Prasenjit Goswami, Guide: Dr. Rajeev B. Ahuja)
3. "Comparative study of Pre and Post operative nasal angles following Rhinoplasty and their effects on patient satisfaction ." (Candidate: Dr. Rajat Gupta, Guide: Dr. P. S. Bhandari)
4. "A prospective Study of Fungal Wound Colonization/Infection in Burn patients at a Tertiary Care centre in North India". (Candidate: Dr. Umesh Bansal, Guide: Dr. Prabhat Shrivastava)

3. TRAINING FROM OTHER AGENCIES

1. Nursing Students from Deen Dayal Upadhyay Hospital, Stephen's Hospital and Ahilya Bai College of Nursing, New Delhi.
2. Physiotherapy Students from Jamia Milia University.

4. TRAINING COURSES/CONFERENCES/WORKSHOPS ORGANISED

Organized the first EMSB Course (Emergency Management of Severe Burns) Course (A licensed course of Australian New Zealand Burn Association) at Lok Nayak Hospital, New Delhi, 6-8th Feb, 2012.

5. CONFERENCES/INVITED FACULTY/CHAIRPERSON/MODERATOR/PRESENTATIONS

a) Dr. Rajeev B. Ahuja

1. Invited Faculty and Guest lecture on "Technical Considerations To Improve Rhinoplasty Outcomes In Cleft Patients" at ISAPS Instructional Course in Aesthetic Surgery 2012, hosted by APSI India from 20-22nd January, 2012.
2. Invited Oration on "Burn Education In LMICs-Seeking Newer Paradigms " at 20th Annual Conference of National Academy of Burns-India held at India Habitat Centre, Delhi from 3-5th Feb, 2012. He also Chaired first Lok Nayak Hospital Oration
3. Invited Faculty and lecture on "Current trends in repair of hypospadias Management of hypospadias cripple" at APSI Accredited Course in Plastic Surgery on 'Trunk & Genitalia', Nair Hospital, Mumbai, from 25th -26th Feb, 2012
4. Invited Faculty and Guest lecture on 'Technical Considerations To Improve Rhinoplasty Outcomes In Cleft Patients", at CME on Rhinoplasty, Medanta Hospital, Gurgaon from 31st March-1st April 2012.
5. Poster Presentation on " Debridement of Burn Eschar Using Bromelain Preparation (DGD)" at 44th Annual Meeting of American Burn Association, 24-27th April, 2012, Seattle, USA.
6. Guest Speaker on "Burn Education In LMICs-Seeking Newer Paradigm" and "The need and opportunities for burn philanthropy" at 16th Congress of International Society for Burn Injuries (ISBI), EICC, Edinburgh from 9th – 13th Sept, 2012.
7. Guest Speaker on "Cosmetic Surgery" at Surgical Update, Maulana Azad Medical College, New Delhi on 25th Sept. 2012
8. Guest lecture on "Technical Considerations to Improve Rhinoplasty - Outcomes in Cleft Patient" and "Tissue Expansion for facial & scalp defects" at 50th

Anniversary plastic Surgery update on 'State of art techniques, PGIMER, Chandigarh, 6th -7th Oct. 2012

9. Guest Faculty "Repair of cleft palate" at APSI Accredited Course in Plastic Surgery on 'Cleft Lip & Palate' KGMC, Lucknow, 2nd – 3rd Nov. 2012.
10. Guest of Honour and Guest Faculty on "Tissue Expansion for facial & scalp defects" at 47th Annual Conference of Association of Plastic Surgeons of India KGMC, Lucknow from 4th -8th November, 2012.
11. Guest lecture on Head & Neck reconstructions: 'State of art' at update on Head & Neck Surgery, Hotel Ista, Amritsar, organized by Department of Plastic Surgery Amandeep Hospital, G.T Road, Amritsar, from 8-9th December.

b) Dr. P. S. Bhandari

1. Attended ISAPS Course hosted by Association of Plastic Surgeons of India, held in Goa. India, from 20-22nd Jan, 2012.
2. Guest lecture on " Pre and post operative care of burn patients in the CME ON BURN CARE under NABICON-2012, held on 2nd February at Safdarjung hospital, New-Delhi.
3. Guest lecture on " Electric burn " in the 20th annual conference of National Academy Of Burns-India,, NABICON -2012 held at India Habitat Centre, New-Delhi from 3rd - 5th Feb , 2012
4. Guest Surgeon and Guest lecture on " Total ear reconstruction in congenital and acquired deformities " and " Cartilage grafts in Rhinoplasty " in the 12th annual conference of Association of Plastic Surgeons of West Bengal held at Central Hospital, S E Railway, Garden Reach ,Kolkata, 18th and 19th Feb, 2012.
5. Guest lecture on " Cleft lip and palate "in the Paediatric Surgery Update 2012 organized by Department of Pediatric Surgery, MAMC, New Delhi from 23rd - 26th feb, 2012 held at Maulana Azad Medical College, New Delhi
6. Invited faculty and Chairperson in 2nd CME on COMPLEX LOWER LIMB TRAUMA, held at Ganga Ram hospital ,New-Delhi on 25th March 2012, 2012.
7. Guest Lecture on "Current Concepts and Approach to Rhinoplasty" held at Medanta-The Medicity, Gurgaon, Haryana on 31st march and 1st April 2012.
8. Moderator in live workshop on "Composite resection with microvascular free fibular flap reconstruction " held at Dharamshila hospital and research centre, Vasundhara enclave, Delhi-96 on 5th may 2012.
9. Attended the quarterly meeting of Association of Plastic Surgeons of India, Delhi chapter held on 11th August 2012, at India Habitat Centre Lodhi Road ,New-Delhi.
10. CME CUM WORKSHOP on Ear Reconstruction and Rhinoplasty in the annual conference of association of plastic surgeons of North East held at Gauhati Medical College and Hospital from 23th to 25th August 2012.

11. Guest lecture on “ Total ear reconstruction in congenital and acquired deformities “ and “ Cartilage grafts in Rhinoplasty in the 2nd annual conference of association of Plastic surgeons of Madhya Pradesh and Chhattisgarh held at Govt Medical College, Jabalpur, M.P from 15th 17th Sept 2012.
12. Guest lecture on “SECONDARY NERVE REPAIR” in the 36th annual conference of Indian Society For Surgery Of Hand held at Amandeep hospital, Amritsar from 28th 30th Sept -2012
13. Guest lecture on ““ Total ear reconstruction in congenital and acquired deformities “ and “ Cartilage grafts in Rhinoplasty “ at Advances In Plastic Surgery, 2012 held at PGI Chandigarh from 6th-7th October,2012.
14. Guest Lecture on "Cartilage Graft in Rhinoplasty" and moderated an operative session in CME at RHINOCON 2012 at the annual conference of All India Rhinology Society 2012 at India Habitat centre, New-Delhi on 16th – 18th Nov, 2012.

c) Dr. Arun Goel

1. Attended 20th Annual Conference of National Academy of Burns- India (NABICON –2012) at New Delhi from 3rd-5th February, 2012
2. Attended "Emergency Management of Severe Burns (EMSB)" on 6th February, 2012 and passed the relevant exam successfully.
3. Guest lecture on ‘Management of Pediatric Burns’ at “Pediatric Surgery Update 2012”, organized by Department of Pediatric Surgery, MAMC, New Delhi from 23 – 26 March 2012.
4. Guest lecture on “Management of Skin Avulsion Injuries in lower Limb Trauma” at “2nd CME on Complex Lower Limb Trauma’, organized by Department of Plastic Surgery, Sir Ganga Ram Hospital, New Delhi on 25th March, 2012
5. Attended AESURG 2012, “Annual meeting of Indian Association of Aesthetic Plastic Surgeons” at Kodaikanal, Tamil Nadu from 30th March to 31st March 2012.
6. Attended Aesthetics2012: ‘Learning from each other,’ held at India habitat Center, New Delhi from 24th to 26th August, 2012
7. Guest lecture on “Management of the Burnt Breast” at “BRASCON 2012”, 2nd International Breast Reconstruction and Aesthetic Surgery Conference and Live Operative workshop, organized by Department of Plastic Surgery, Sir Ganga Ram Hospital, New Delhi from 6th to 7th October,2012
8. Attended 47th Annual Conference of The Association of Plastic Surgeons of India (APSICON 2013) at Lucknow, UP, from 4th to 8th November, 2012.
9. Guest lecture on “Management of Avulsion Injuries” at “6th Annual National Conference of Society for Wound Care and Research-2012” (WOUND CARE

CON-2012)at Rohilkhand Medical College and Hospital, Bareilly from 30th November to 2nd December, 2012

d) Dr. Prabhat Shrivastava

1. Chairperson at NABICON 2012 -20th Annual Conference of National Academy of Burns-India held from 3rd-5th Feb 2012 at India Habitat Centre, New Delhi.
2. Attended EMSB (Emergency Management Of Severe Burns) Course-held on 06th Feb 2012, conducted by Dutch Burns Foundation at Lok Nayak Hospital, New Delhi.
3. Invited Faculty and Chairperson at 2nd CME on "Complex Lower Limb Trauma-Recent Advances and Multimodality approach", held on 25th March 2012 at Sir Ganga Ram Hospital, New Delhi.
4. Chairperson at AESURG 2012: The Annual Meeting of Indian Association of Aesthetic Plastic Surgeons held from 30th-31st March 2012 at Kodaikanal, Tamilnadu.
5. Chairperson at AESTHETICS 2012, held from 24th-26th August 2012 at India Habitat Centre, New Delhi.
6. Invited Faculty and Chairperson at ISSHCON 2012- The 36th Annual Conference of Indian Society for Surgery of the Hand, held from 28th-30th Sept 2012 at Amritsar, Punjab.
7. Invited Faculty, Moderator and Chairperson at BRASCON 2012:The 2nd International Breast Reconstruction and Aesthetic Surgery Conference and live operative workshop, held from 6th-7th October 2012 at Sir Ganga Ram Hospital, New Delhi.
8. Invited Faculty at training PROGRAM for CATS paramedics held at Maulana Azad Medical College, New Delhi on 7th Sept 2012.
9. Invited talk on "Thermal injuries: Basics and First aid" delivered on 7th September 2012 during the training program for CATS paramedics held at Surgical Skills lab, Maulana Azad Medical College, New Delhi.
10. Guest Lecture entitled "Aetiopathogenesis of post-burn hand deformities" delivered at ISSHCON 2012- The 36th Annual Conference of Indian Society for Surgery of the Hand, held from 28th-30th Sept 2012 at Amritsar, Punjab.
11. Invited Faculty and Chairperson with Guest Lectures entitled, "Resuscitation in burns" and "Pre-hospital care in burn injuries" at mid-TERM CME of National Academy of Burns-India (NABI) held from 13th-14th Oct 2012 at Latur, Maharashtra.
12. Attended Live Operative Workshops and CME held during 'APSICON 2012' - The 47th Annual Conference of Association of Plastic Surgeons of India, from 4th-8th November 2012, at K.G.Medical University, Lucknow, UP.

13. Invited Faculty and Chairperson at APSICON 2012: The 47th Annual Conference of Association of Plastic Surgeons of India, held from 4th-8th November 2012, at K. G. Medical University, Lucknow, UP.
14. Invited Faculty , Moderator and Chairperson with Guest lecture entitled “Acute management of burn wound” at WOUNDCARECON: The 6th Annual Conference of Society of Wound Care and Research, held from 30th November - 2nd December 2012 at Rohilkhand Medical College, Bareilly, UP.

e) DNB students and Senior Residents

1. NABICON 2012 -20th Annual Conference of National Academy of Burns-India held from 3rd-5th Feb, 2012 was attended by Dr. Dharendra Suman, Dr. Gaurav K. Gupta, Dr. Sudhir, Dr. Sanjay Dhar, Dr Piyush Thayal, Dr. Pallab Chatterjee and Dr. Prasanjeet Goswami
2. EMSB (Emergency Management Of Severe Burns) Course-held on 06th Feb 2012, conducted by Dutch Burns Foundation at Lok Nayak Hospital, New Delhi was attended by Dr. Dharendra Suman, Dr. Gaurav K. Gupta, Dr. Sudhir, Dr. Sanjay Dhar, Dr Piyush Thayal, Dr. Pallab Chatterjee and Dr. Prasanjeet Goswami, and all successfully cleared the course.
3. Dr. Sanjay Dhar, Dr. Pallab Chatterjee and Dr. Prasanjeet Goswami attended the APLAST2012, held at Amrutha Medical Institute, Kochi from 9th-11th Mar,2012.
4. 2ndCME on "Complex Lower Limb Trauma-Recent Advances and Multimodality approach", held on 25th March, 2012 at Sir Ganga Ram Hospital, New Delhi was attended by Dr. Gaurav K. Gupta, Dr. Sanjay Dhar, Dr. Pallab Chatterjee and Dr. Prasanjeet Goswami.
5. CME on Basics in Plastic Surgery at Jaiswal Hospital, Vadodra from 27th-28th Apr, 2012 was attended by Dr. Pallab Chatterjee and Dr. Prasanjeet Goswami.
6. Live workshop on free Fibula Transfer at Dharamshila Hospital, Delhi on 5th May, 2012 was Dr. Sanjay Dhar, Dr. Pallab Chatterjee and Dr. Prasanjeet Goswami
7. AESTHETICS 2012, held from 24th-26th August 2012 at India Habitat Centre, New Delhi was attended by Dr. Sanjay Dhar and Dr. Rajat Gupta.
8. Paper Presentations by Dr. Pallab Chatterjee - " Comparing the efficacy of intralesional verapamil for HTS and keloids" and Dr. Prasanjeet Goswami-" Cost of burn care in a tertiary care hospital in LMIC", at 16th Congress of International Society for Burn Injuries (ISBI), EICC, Edinburgh from 9th – 13th Sept, 2012. Dr. Prasanjeet Goswami as awarded “Young investigator award” Physician category- Silver prize
9. Paper Presentations by Dr. Gaurav K. Gupta -" A Four Arm, Double Blind, Randomized, Placebo Controlled Study In Management Of Post-Burn Pruritus", Dr. Pallab Chatterjee - " Comparing the efficacy of intralesional verapamil for

HTS and keloids" and Dr. Prasanjeet Goswami-" Cost of burn care in a tertiary care hospital in LMIC" 'APSICON 2012' at the 47th Annual Conference of Association of Plastic Surgeons of India, from 4th-8th November 2012, at K. G. Medical University, Lucknow, UP.

6. PUBLICATIONS

Comparision of efficacy of intralesional bleomycin and oral propranolol in management of hemangiomas. Thayal P, Bhandari PS, Sarin SK. Plast Reconstr Surg. 2012 Apr;129(4):733e-5e.

7. BOOKS/ CHAPTERS/ CONTRIBUTED

a) Dr. Arun Goel

'Skin Avulsion Injuries' and 'Pressure Sores' in Principles and Practice of Wound Care Edited by Sujata Sarabahi, V K Tiwari, New Delhi, Jaypee Brothers Medical Publishers, 2012. Pages 122-53, 284-98.

8. SIGNIFICANT EVENTS (HONOURS TO FACULTY)

1. Dr. Rajeev B. Ahuja

1. President Elect International Society for Burn Injuries – ISBI (2012-14)
2. Secretary International Society for Burn Injuries (2008-2012)
3. Secretary General International Confederation of Plastic, Reconstructive & Aesthetic Surgery (IPRAS)-Asia Pacific Section (2009-2014)
4. Research Award Awarded by Association of Plastic Surgeons of India during inaugural Ceremony of 47th Annual Conference of Association of Plastic Surgeons of India (APSICON –2012), KGMC, Lucknow, 4th -8th November, 2012.
5. Research Award & Oration Awarded by National Academy of Burns-India during, NABICON 2012, India Habitat Centre, 3-5th Feb 2012.
6. On Editorial Board of
 - (i) Since 2008 -- Journal of Plastic Reconstructive of Aesthetic Surgery (Formally British Journal of Plastic Surgery)
 - (ii) 'BURNS', Official Journal of International Society for Burn Injusreis since 2008
 - (iii) Annals of Burns & Fire Disasters (Mediterranean Burns Journal)
 - (iv) Indian Journal of Plastic Surgery
 - (v) Indian Journal of Burns
6. Peer reviewer for
 - (i) The Cleft Palate-Craniofacial Journal (American) since 2006

7. Coordinator Examiner for DNB (Plastic Surgery) Clinical Exam at L.N. Hospital, Delhi-April 2012
8. As an Expert to Global Alliance for Clean Cookstoves (GACC), UN Foundation and Centre for Disease Control (CDC), USA.
9. As an Expert to Review and make site visit on behalf of 'Biotechnology Industrial Partnership Programme (BIPP)', Department of Biotechnology, Govt. of India. Feb 17-18 to Excel Matrix, Hyderabad. Project 'Novel Haemostasis Mechanisms'.

2. **Dr. P. S. Bhandari**

Elected as Treasurer National Academy of Burns India (NABI)(2012)

3. **Dr. Arun Goel**

Elected as Joint Secretary National Academy of Burns India (NABI).

4. **Dr. Prabhat Shrivastava**

1. Honorary Secretary National Academy of Burns India (NABI).
2. Elected as the Executive Indian Association of Aesthetic
Committee Member
3. Elected as the Governing Council Plastic Surgeons (IAAPS)-2012-15.
member Society for Wound Care and
Research (SWCR) 2012

COMMUNITY MEDICINE

Head of the Department: Dr. G.K. Ingle

1. FACULTY

S.No.	Name of faculty	Designation
1.	Dr. G.K. Ingle	Director Professor & Head
2.	Dr. V.K. Gupta	Director Professor
3.	Dr. Suneela Garg	Director Professor
4.	Dr. G.S. Meena	Director Professor
5.	Dr. D.K. Taneja	Director Professor
6.	Dr. Nandini Sharma	Director Professor
7.	Dr. S.V. Singh	Professor
8.	Dr. Panna Lal	Professor
9.	Dr. M.Meghachandra Singh	Professor
10.	Dr. Jugal Kishore	Professor
11.	Dr. Bratati Banerjee	Assoc. Professor
12.	Dr. Rajesh Kumar	Assoc. Professor
13.	Dr. Pragya Sharma	Asst. Professor
14.	Mrs. Renuka Saha	Asst. Professor Statistics
15.	Miss Nirmata Kureel	Lecturer Health Education

2. RESEARCH SCHEMES

a) Ongoing Projects:

2.1.1 MD/PhD Thesis

- Dr GK Ingle as guide of Postgraduate MD thesis on “A study of Depression and Intimate partner violence among women in rural community of Delhi” by Dr Urvi Sharma, Co-supervised by Dr J Kishore.
- Dr VK Gupta as guide of Postgraduate MD thesis on “A socio-epidemiological study of overweight and obesity among adolescents in schools of Delhi” by Dr Rajeeva T.C., Co-Supervised by Dr S Garg.
- Dr S Garg as guide of Postgraduate MD thesis on “A Socio Epidemiological study of Diabetes and Hypertension among adults 20 Yrs and above in urban slum of Delhi” by Dr Ritesh Bansal. Co-Supervised by Dr V K Gupta.

- Dr. S Garg as guide of Dr. Tapas Nair for his M.D. Thesis titled “ A socio epidemiological study of diabetes and hypertension among adolescent in urban Areas of Delhi”. Co-supervised by Dr MM Singh.
- Other projects under Dr S Garg:
 - i. “Combating Gender Based Violence in Health care settings” Collaborating organizations being UNFPA, NDMC, and MAMC. Coordinator: Dr. G.K. Ingle. Funded by UNFPA.
 - ii. Prospective dengue Sero-prevalence study in Indian children: DNG-10, Principal Investigator: Dr. Suneela Garg, Co-PI: Dr. N Sharma, Dr MM Singh, Dr GK Ingle. Funded by Sanofi Pasteur.
 - iii. Development of IEC Materials & Flip Charts under Sound Hearing 2030 Funding organization CBM South , Principal Investigator: Dr Suneela Garg and Coordinator : Dr GK Ingle.
 - iv. Primary Ear and Hearing Care Pilot project Evaluation SCEH- CBM-SH2030 at Shroff Eye Centre, Darya Ganj Delhi, Mustafabad Centre Delhi & Alwar, Rajasthan. Principal Investigator: Dr S Garg.
- Dr S Garg as guide of Dr S Chadha for her PhD thesis under Faculty of Medical Sciences, University of Delhi entitled “Profile of hearing morbidity and identification of barriers and challenges for access to care and hearing care services in children of urban and rural areas of Delhi”. Co-supervised by Dr MM Singh.
- Dr S Garg as co-guide of Nasreen for her PhD under Faculty of Medical sciences, University of Delhi entitled: “A prospective study of magnitude of Domestic Violence in pregnancy. It’s associate factors, related maternal Health and Birth outcomes in Delhi”.
- Dr S Garg as co-guide of Maryam Dafeel for her PhD under Faculty of Medical sciences, University of Delhi entitled: “ Seroprevalence of HIV, HBV, HCV and Knowledge and Attitude regarding such infections among Health Care workers working in selected tertiary hospitals of Delhi”.
- Dr GS Meena as guide of Postgraduate MD Thesis on “Study of Health Problems and Health Seeking Behaviour of Geriatric Population in a Rural area of Delhi” by Dr Sudhanshu Sekhar Lenka co- supervised by Dr S V Singh, Dr R Kumar.
- Dr DK Taneja as guide of Postgraduate MD thesis on “Epidemiological Study of Dyspepsia and Irritable Bowel Syndrome in Adult Urban Population of Delhi” by Dr Sumeena.

- Dr Nandini Sharma as guide of postgraduate MD thesis on “Study of prevalence and factors for non-uptake of HIV testing among TB patients in a DOT centre” by Dr. Vishal.
- Assessment of reasons of initial default under Revised National TB Control Program in Delhi State: Principal Investigator: Dr Nandini Sharma, Co-investigators: Dr. KK Chopra, Dr RP Vashist, Dr MM Singh, Renuka Saha, Dr Nishi Aggarwal, Dr Shivani Chandra. Funded by Revised National TB Control Programme, Govt. of NCT, Delhi.
- Dr N Sharma as investigator in “Improving Health with Mobile Phone-based Tools for Community Health Workers (Scott Lee, Harvard)”.
- Dr N Sharma as supervisor of Ms Nasrin Ghiasi, for her PhD thesis entitled “ A Prospective study of Magnitude of Domestic Violence in Pregnancy, its Associated Factors, related Maternal Health and Birth Outcomes in Delhi”. Co-guides: Dr S Garg, Dr MM Singh
- Dr P Lal as guide of postgraduate MD thesis on “A Study of Physical Health Problems and Associated Risk Factors Among Construction Workers in National Capital Region of Delhi” by PG Student Dr Anshul Shukla.
- Dr MM Singh as guide of postgraduate MD thesis on “A Sero- Epidemiological study of Rubella among Adolescent girls in Central Delhi” by PG Student Dr Anuradha Chauhan.
- Dr MM Singh as co-investigator in Integrated health, social and economic impacts of extreme events: evidence, methods and tools : A multidisciplinary inter-country project funded by European Commission Program Six (2007-2010). Project proposal number 036877-2- MICRODIS. Chief co-ordinator: Prof. Debarati Guha Sapir, Director, Centre for Research in the Epidemiology of Disasters, Universite catholique de Louvain, Brussels, Belgium.
- Dr MM Singh as co-investigator in “A study to assess public opinion on prohibition of smoking at public places in Delhi”. Funded by IUALTD.
- Dr MM Singh as supervisor of Monika for her PhD thesis under faculty of Medicine, University of Delhi entitled “ E-waste handling practices and effect of behaviour change communication package among the workers”. Co-guide: Dr GK Ingle
- Dr MM Singh as co-supervisor of Ms Khundongbam Gyanbati Devi, for her PhD thesis entitled “ Household Management of Malnutrition in Manipur” Supervisor: Dr PC Joshi, Dept. of Anthropology, University of Delhi.

- Dr J Kishore as guide of postgraduate MD thesis on “Effect of Relaxation Techniques on Stress among Adolescent in Selected Schools of Delhi” by Dr Bhaskar Khobraji Watode. Co-supervised by Dr P Lal
- Dr J Kishore as supervisor MD Thesis of Delhi University of Dr Drishti “A study to assess the effect of Life Skills Training for the prevention of interpersonal violence among school adolescents” 2012-2015
- Dr J Kishore as Co-Supervised MD Thesis of Delhi University of Dr Amit Kumar Chawla “Validation study of Edridge Green Lantern and Ishhara Pseudoisochromatic Plates against anomaloscope for Assessing Color Vision” 2012-2015
- Dr R Kumar as guide of Postgraduate MD thesis on “Awareness, practices and expenditure related to personal protective measures against mosquito borne diseases in Delhi” by Dr Charu Kohli. Co supervised by Dr G S Meena, Dr M M Singh.
- Dr R Kumar as guide of Postgraduate MD thesis of Dr Jitendra Kumar Meena on “A study of morbidity profile amongst police personnel in Delhi with special reference to hypertension and its associated risk factors.”

2.1.2 IGNOU Postgraduate Diploma in Maternal and Child health students’ Projects during 2012 (Guides: Dr S Garg, Dr VK Gupta, Dr GK Ingle, Dr MM Singh, Dr SV Singh, Dr J Kishore)

PROJECT DETAILS

S.NO.	Enrol. No	Name of the Student	Project
1.	105125132	Dr Laxmi Kant	Study of Socio-Demographic and clinical profile of Neonatal Sepsis Among outborn babies in Tertiary centre
2.	118143531	Dr Navneet Kaur	Epidemiology + follow up study of SAM among IPD patients below 5 yrs.
3.	105125136	Dr Anita Pathraliya	Assessment of KABP of Contraceptive methods in Married Women in Reproductive age Group in Sardar Colony Sector-16 Rohini and Amar Jyoti Colony Sector -17 Rohini Delhi.
4.	118143549	Dr Rantosh Kumar	Immunization in 12 months to 23 months at PHO
5.		Dr Mohd. Akhlaq Khan	Epidemiological study of low birth weight babies delivered at a secondary hospital.

2.1.3 The following are the projects under the **Fellowship in HIV Medicine** programme.
(Guides: Dr S Garg, Dr VK Gupta, Dr GS Meena, Dr SV Singh, Dr MM Singh)

- Dr Priyank Jain : Knowledge, Attitude , Behaviour and Practices of Health Care Providers regarding Standard Precautions and Biomedical Waste Management in Ashray Medical Centre, Kirtinagar, New Delhi.
- Dr Silki Pandey : Strengthening of HIV services in Non-government Medical settings of New Delhi.
- Dr Pooja Raizada: Strengthening the delivery of HIV/STI services among female sex workers in central Delhi.
- Dr Harmeet Pal Dhooria: Strengthening of HIV care services in a Tertiary Care Hospital of Punjab.
- Dr P Jagadeesh: “A study of the determinants of adherence to antiretroviral therapy among HIV patients at art centre, infectious disease hospital, Guntur, A.P.”
- Dr Murli Chand Nallamothe : Knowledge, Attitude, Behaviour, and Practices of Nursing students regarding standard precautions and biomedical waste management in Sri Lakshmi School of Nursing, Chilakaluripet, Andhra Pradesh.

2(b) Details of the projects/MD/PhD theses completed during current year:

2.2.1 MD Thesis

- Dr. S Garg as guide of Postgraduate MD thesis on “Socio Epidemiological study of domestic violence among married women attending health care facility of Delhi” by Dr. Abhishek Tibrewal. Co-Supervised by Dr V K Gupta, Dr SV Singh
- Dr G S Meena as guide of Postgraduate MD Thesis on “A Community Based Study of Coverage and Determinants of Immunization in Children aged 1 to 3 Years in a Rural Population of Delhi.” by Dr Akanksha Rathi.
- Dr DK Taneja as guide of Postgraduate MD thesis on “Effect of Prophylactic Zinc Supplementation on Incidence of Acute Diarrhoea, Respiratory tract infections, and Growth in Infants 6-11 Months of age” by Dr Akash. Co-supervised by Dr M M Singh.
- Dr Nandini Sharma as guide of postgraduate MD thesis on “An assessment of Awareness and Perception Regarding Anti-Tobacco Legislation in People, the Law implementers and the Current Status of its implementation in Urban Areas of Delhi.” by Dr Arun Kumar. Co-supervised by Dr M M Singh, Mrs Renuka Saha.

- Dr SV Singh as guide of postgraduate MD thesis on “Study of determinants of place of delivery in a rural area of Delhi with special reference to Janani SurakshaYojana” by Dr Jyotiranjana Sahu, co-supervised by Dr V K Gupta, Dr S Garg, Dr J Kishore.
- Dr P Lal as guide of postgraduate MD thesis on “An epidemiological study to assess the prevalence of reproductive tract infections in married women in an urban resettlement colony of east Delhi”, by Dr Meenakshi, co-supervised by Dr Nandini Sharma.
- Dr MM Singh as guide of Postgraduate MD thesis on “An epidemiological study of depression among elderly people above 60 years and their health seeking behaviour in Delhi” by Dr Prateek Singh, co-supervised by Dr SV Singh.

2.2.2 PhD thesis

- Dr S Garg as supervisor of Mr Esam Mohammed Mahyoub for his PhD thesis under Faculty of Medicine, University of Delhi entitled “Socio-epidemiological study of HIV and TB in Indian context”.
- Dr. MM Singh as co-supervisor of Ms Anjana Sankhil Lamkhang in the Department of Anthropology, University of Delhi, Delhi under Faculty of Science for her PhD thesis “Assessing the quality of life and needs of HIV/AIDS patients in Manipur: A medical anthropological study.

2.1.3 ICMR Studentship Projects

- Dr MM Singh as guide of Pragya Saini. ICMR student’s STS project titled “Effectiveness of Small Group Teaching in the Community on the Awareness and Practices Regarding Self Care among Known Diabetics in Central Delhi.”

3. TRAINEES FROM OTHER AGENCIES:

- Dr J Kishore as guide MA Social Work Dissertation of Field Work of Farheen Ali. Research Based Interventions on Menstrual Hygiene and Practices in Urban Slums in Delhi submitted to Department of Social Work 2011-12.

4. TRAINING COURSES / CONFERENCES / WORKSHOPS ORGANIZED:

- Three skill development Workshops on HIV care & Support were organized, Coordinators: Dr Suneela Garg, Dr VK Gupta.
- Dr Suneela Garg : Nominated as an expert to finalize the list of equipment in Community Medicine under MSR (Minimum standard requirements for Medical Council of India)

- Dr DK Taneja organized a session on “Development of Practical Training Programme for PG students in Community Medicine”, at 39th Annual National Conference of IAPSM, Feb 2012, Kangra, at Tanda.
- Dr J Kishore as Coordinator: Three Training Programs on anger management were organized in government and private schools of North Delhi (Prahlad Pur, Burari, Pooth Khurd) in December 2012.
- Dr J Kishore as Coordinator: Seminar on Disaster Management for Staff and Residents of the department on 24th Jan 2013.
- Dr J Kishore as Co-chair Scientific Committee. 2nd National Conference on Impact of Climatic change on Human health and Habitat, New Delhi 14-15 Sept 2012.
- Dr J Kishore as Coordinator: Center for Inquiry (India) in collaboration with Faculty of Nursing Jamia Hamdard organized a "Lecture Cum Demonstration on Developing Scientific Temper in Nurses" for Prof. Narender Nayak, President Federation of Indian Rationalists Association, in Rufaida School of Nursing, Jamia Hamdard University, on 17th April 2012. .
- Dr J Kishore as Treasurer and member of core management committee of Batch 1984 MAMCOS to organized MIDCON 2012 on 25th March 2012 at MAMC New Delhi.
- Dr J Kishore as Co-Chairperson of Scientific Committee 62nd Annual National Conference of Indian Association of Occupational Health 1-4th Feb 2012 at India Habitat Center, New Delhi.

5. PUBLICATIONS OF RESEARCH PAPERS IN INDEXED JOURNALS DURING THE PERIOD:

- Garg S, Singh R. Gender-violence and health care: How health system can step in. Indian Journal of Public Health. (Under publication)
- Garg S, Singh R, Grover M. India's health workforce: Current status and the way forward. The National Medical Journal of India 2012;25(2):111-3.
- Garg S, Singh R, Chadha S, Agarwal AK. Cochlear implant in India: a public health perspective. Indian Journal of Medical Sciences 2011;65(3):116-20.
- Garg S, Singh R. Rational Use of Drugs – Need of the Hour. International Journal of Medical and Pharma Research 2011;1(1):27-30.
- Anand T, Tanwar S, Kumar R, Meena GS, Ingle GK. Knowledge, attitude, and level of physical activity among medical undergraduate students in Delhi. Indian J Med Sci 2011;65(4):133.
- Bhat DP, Singh MM, Meena GS. Screening for abuse and mental health problems among illiterate runaway adolescents in an Indian metropolis. Arch Dis Child 2012;97(11):947-51.

- Taneja DK, Malik A. Burden of Rotavirus in India-is Rotavirus Vaccine an Answer to It? *Indian J Public Health* 2012;56(1):17-21
- Rustagi N, Uppal Y, Taneja DK. Screening for visual impairment: outcome among school, children in a rural area of Delhi. *Indian J Ophthalmol* 2012;60:203-6
- Kaur R, Mishra P, Taneja DK. Cardiovascular health promotion in schools of Delhi, India: A baseline evaluation of environment and policies. *Ann Trop Med Public Health* 2012; 5:114-8.
- Taneja DK. Hib Vaccine: Should it be Introduced in the National Immunization Program? *Indian J Public Health* 2012; 56:177-79.
- Taneja DK, Sharma P. Targeting rubella for elimination. *Indian J Public Health* 2012;56:269-72.
- Bhagat N , Laskar AR, Sharma N. Women's perception about sex selection in an urban slum in Delhi. *Journal of Reproductive and Infant Psychology* 2012; 30(1):92-104.
- Mahajan H, Chaturvedi M, Lal P, Saha R and Grover V L. Urban-Rural Difference in Prevalence of CHD: A Population Based Study. *Indian Journal of Public Health Research & Development* 2012; 3(2):53-5.
- Mahajan H, Dohare S, Lal P, Saha R, Khan SM and Chauhan H. Emerging importance of Coronary Heart Disease Risk factors in India : A Population based Study. (Paper accepted for publication in *Indian Journal of Public Health Research & Development* published from NOIDA, UP.)
- Garg A, Singh MM, Gupta VK, Garg S, Daga MK, Saha R. Prevalence and correlates of tobacco smoking, awareness of hazards, and quitting behavior among persons aged 30 years or above in a resettlement colony of Delhi, India. *Lung India* 2012;29(4):336-40.
- Khundongbam G, Joshi PC, Singh MM. Perception of childhood diarrhea in Langmeidong village, Manipur. *South Asian Anthropologist* 2012;12(2):135-40.
- Sahni AK, Grover N, Sharma A, Khan ID, Kishore J. Reverse transcription loop-mediated isothermal amplification (RT-LAMP) for diagnosis of dengue. *Medical Journal Armed Forces India* 2012. (best paper published in 2012).
- Goel R, Kamal S, Bodh SA, Kumar S, Kishore J, Malik KPS, Singh M, Bansal S. Lower eyelid suspension using polypropylene suture for the correction of punctual ectropion *Journal of Cranio-Maxillo-Facial Surgery* 2013;0.
- Kishore J. Violence against women. *The radical Humanist* 2013;2:23-5.
- Kishore J, Chaudhry N. Climatic Change challenges the sustainable health and development. *Journal of Energy, Environment and Carbon Credit* 2012;S:7-10.
- Kishore J, Jena P, Das S, Bandyopadhyay C, Banerjee I. Determinants of Current Smoking behavior among Third Year Nursing Students in India: Results from

Global Health Professional Student Survey. *Journal of Nursing Science & Practice* 2012;2(3):6-11.

- Goyal M, Kohli C, Kishore J, Jiloha RC. Effect of Educational Booklet on Knowledge and Attitude Regarding Major Depressive Disorder in Medical Students in Delhi. *International Journal of Medical Students* 2012; 1(1):16-23.
- Kaur J, Kishore J, Kumar M. Effect of viewing anti-tobacco audiovisual messages on knowledge and attitude towards tobacco use in North India. *Ind J Com Medicine* 2012; 37(4):227-31.
- Grewal I, Das JK, Kishore J. Concern, Expectation and Satisfaction of medical tourists attending tertiary care hospitals in New Delhi, India. *JIMSA* 2012;25(3):151-4.
- Kohli C, Kumar N, Kishore J. Nursing Training and Research in India: Challenges and Opportunities. *Journal of Nursing Science and Practice* 2012;2(2):42-52.
- Kishore J, Goel S, Ingle GK, Gupta VK, Agarwal V. Establishment of Human Influenza H1N1 Helplines in New Delhi: Medical Interns' Perspective. *Research & Review: Journal of Medicine* 2012;2(2):6-11.
- Jena PK, Kishore J. Prevalence and Correlates of Hardcore smoking in India. *Research & Review: Journal of Medicine* 2012;2(2):16-24.
- Jugal Kishore. Health Promotion and legislation in India. *Review of Global Medicine and Healthcare Research* 2012;3(2):75-89.
- Goyal A, Kishore J, Anand T, Rathi A. Suicidal Ideation among medical students in Delhi. *Journal of Mental Health & Human Behavior* 2012;17(1):60-69.
- Kaur R, Kishore J. Immunization in Geriatric Population of India: A Critical review. *Research and review: A Journal of Immunology* 2012; 2(1)
- Sidana S, Kishore J, Ghosh V, Gulati D, Jiloha RC, Anand T. Prevalence of depression in students of a medical college in New Delhi: A cross-sectional study. *Australiasia Medical Journal* 2012; 5 (5): 247-250.
- Srivastav V, Kishore J. Social Marketing in Public Health. *Research and Review: A Journal of Health Professions* 2012;2(1):17-27.
- Kishore J, Rojha RB, Routray D, Vasundhra S. Awareness about Environmental Health among Nursing Personnel in Delhi[Internet]. *JoNSP* 2012;2(1). Available from:<http://www.stmjournals.com/index.php?journal=JoNSP&page=issue&op=view&path%5B%5D=130>
- Soyam GC, Das K, Anand T, Kishore J, Soyam VC. Improving Knowledge Regarding Universal Precautions amongst Nurses in Delhi[Internet]. *JoNSP* 2012;2(1). Available from:<http://www.stmjournals.com/index.php?journal=JoNSP&page=issue&op=view&path%5B%5D=130>

- Lata S, Kishore J, Barnabas S, Victor B. Knowledge and Attitude Regarding Breastfeeding among College Girls of a Selected College of Ludhiana[Internet]. JoNSP 2012; 2 (1). Available from: <http://www.stmjournals.com/index.php?journal=JoNSP&page=issue&op=view&path%5B%5D=130>
- Goel R, Kamal S, Kumar S, Kishore J, Malik KPS, Bodh SA, Bansal S, Singh M. Feasibility and complications between phacoemulsification and manual small incision surgery in subluxated cataract[Internet]. Journal of Ophthalmology 2012;1-7. Article ID 205139. Available from: <http://www.hindawi.com/journals/jop/2012/205139/>
- Kishore J. Gautam Buddha: The First Health scientist in History. The Comet of Majjima 2012;1:148-51.
- Gupta N, Kishore J, Jani KK. Measles epidemic exposes inadequate vaccination coverage in Pakistan[Internet]. Available from: <http://www.bmj.com/content/346/bmj.f245/rr/631541>
- Gupta N, KK Jani, Kishore J. Eyes don't see what mind does not know[Internet]. Available from: <http://www.bmj.com/content/346/bmj.f441/rr/631580>
- Rustagi N, Kishore J. Role of primary care physicians in emergency incidences[Internet]. In J Com Medicine 2012;37(4):265.
- Gupta N, Kumar N, Kishore J, KK Jani. Gutkha wars: India toughens up on oral tobacco use. BMJ group 2013. Available from: <http://www.bmj.com/content/346/bmj.f441/rr/631580>
- Kumar N, Gupta N, Kumar P, Kishore J. Citing white rice as responsible for the rise in diabetes rise in Asia may be generalizing a specific finding. BMJ group 2013. Available from: <http://www.bmj.com/content/344/bmj.e1454/rr/614352>
- Gupta N, Kumar N, Kishore J, Jani KK. Only way India can provide healthcare for all is Population control [Internet]. BMJ group 2012. Available from: <http://www.bmj.com/content/345/bmj.e7693/rr/614810>
- Kishore J, Gupta N, Kumar N, Jani KK. Abolishing user fees is a welcome idea but instead of free investigations and treatment a Health Insurance Model ought to be sought [Intenet]. Available from: <http://www.bmj.com/content/345/bmj.e7347/rr/611896>
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- Kumar N, Gupta N, Kishore J. Kuppuswamy's Socioeconomic Scale: Updating range for the year 2012. *Ind J Public Health* 2012;56(1):103-4.
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- Anand T, Tanwar S, Kumar R, Meena GS, Ingle GK. Knowledge attitude and level of physical activity among medical undergraduate students in Delhi. *Indian J Med Sci* 2011; 65:133-142.
- Sharma P. Typhoid Vaccine: a case for inclusion in National Programme. *Indian Journal of Public Health*. 2011;55(4).
- Mohanty PK, Kapoor S, Dubey AP, Pandey S, Saha R, Evaluation of C677T polymorphism of the methylenetetrahydrofolate reductase gene and its association with levels of serum homocysteine, folate and vitamin B12 as maternal risk factors for down syndrome, *Indian Journal of Human Genetics* 2012,18(3):1-5.
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6. BOOKS (WRITTEN / EDITED) / CHAPTERS CONTRIBUTED:

- Dr GS Meena has edited chapters in book – Health Policies and Programmes in India, by Dr DK Taneja. Doctors Publications, Delhi, India.
- Taneja DK .Health Policies and Programmes in India.10th ed. New Delhi:Doctors Publications;2012.
- Kishore J, Kumar S. Inequity in Indian Healthcare: An analysis of women's health.Germany: Saarbrücken LAP LAMBERT Academic Publishing GmbH & Co;2012.
- Kishore J. Female Feticide: An Instigation of female status. Saarbrücken:LAP LAMBERT Academic Publishing GmbH & Co;2012.

- Kishore J, Agarwal N, Ingle GK. How to prevent and manage your low back pain: A guide for healthy posture and lifestyle. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co.;2012.
- Kishore J, Lata S, Singh G. Breastfeeding and College Girls: An exploratory study to assess the knowledge and attitude of College girls regarding breastfeeding. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co.; 2012.
- Kishore J, Goyal M, Kohli C. Effect of Educational Booklet on Depression. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co. Germany;2012
- Kishore J. A Textbook for Health Worker and Midwife. 1st ed. New Delhi: Century Publications;2012.
- Kishore J. National Health Programs of India: National Policies and Legislation related to health. 9th ed.New Delhi: Century Publications;2012.
- Kishore J, Grewal I. Practical and Viva in Community Medicine. 2nd Ed. New Delhi: Century Publications;2012.
- Kishore J, Grewal I. Environmental Health Disasters: Disease outbreak related to water and wastes. In Anil Gupta, Sreeja S Nair (Ed): Ecosystem Approach to disaster risk reduction. New Delhi: National Institute of Disaster Management;2012.
- Banerjee B has edited one book – Health Policies and Programmes in India, by Dr DK Taneja. Doctors Publications, Delhi, India. Chapters written – 03

7. CONFERENCE / WORKSHOPS / SYMPOSIA ATTENDED / PAPER PRESENTATION (NATIONAL / INTERNATIONAL):

- Dr S Garg attended symposium: “Symposium Comprehensive Planning of Human Resource Development in Ear and Hearing Care to Meet The Goal of Sound Hearing 2030” at Colombo, Srilanka.
- Dr S Garg attended symposium of Sound Hearing 2030 and delivered talk on “Role of National Committee in Promoting hearing care.”
- Dr S Garg attended 56th IPHA conference at Kochi and delivered a lecture in UNFPA session on “Gender perspective in Reproductive Health”
- Dr S Garg attended a conference of ICMR & UN on “Reproductive Health and emphasis on strategies for family planning and chair a session on “Importance of gender in family planning”.
- Dr S Garg was guest faculty in “National symposium on HIV & AIDS: Biology to Bedside” at Amity University.

- Dr GS Meena attended symposium at VMMC A on Rabies & B Vector control.
- Dr DK Taneja attended 56th Annual National Conference of IPHA, Feb 2012, Kochi.
- Dr DK Taneja attended 39th Annual National Conference of IAPSM, Feb 2012, Kangra, at Tanda.
- Dr N Sharma attended 56th Annual National Conference of IPHA at Kochi 10th to 12th Feb. 2012.
- Dr N Sharma as speaker in session sponsored by UNFPA on Quality of care in Reproductive Health from Evidence to Action and spoke on topic” Maternal health interventions: Evidence and practice gaps”
- Dr N Sharma attended 39th annual IAPSM Tanda 26th-29th Feb. 2012
- Dr N Sharma as Speaker in session sponsored by MCI “Strengthening of PG practical training in Community Medicine” on 28th Feb 2012.
- Dr N Sharma had conducted the State Task Force Meeting at UCMS on 25th Sept 2012.
- Dr N Sharma attended as guest faculty in Micro conference 2012, CME Vaccines: Development to Delivery at IHC Nov.22, 2012 & delivered talk on “Current EPI and future needs.”
- Dr N Sharma attended National Level Workshop on “Household Water Treatment and Safe Storage organized by Development Alternatives” and delivered inaugural address on Nov.7, 2012 at HQ.
- Dr N Sharma attended roundtable organized by CSE on 27th Dec. at IHC for developing acceptable risk for evolving coliform standards for sewage & delivered keynote address on “Health implications of reusing bacteria laden water”.
- Dr Nandini Sharma attended Zonal Task Force meeting of RNTCP at PGIMS Rohtak 18th -19th Nov,2012
- Dr N Sharma attended Meeting of ‘Technical Expert Group on TB Burden estimation in India’ held on 23rd April 2012 at LRS Institute, New Delhi.
- Dr N Sharma attended National Research Committee –RNTCP meetings
- Dr N Sharma attended Standards of TB - RNTCP and WHO National workshop 12th -14th Dec, 2012
- Dr N Sharma attended STF and OR on 19th Dec. 2012 at NDMC.
- Dr N Sharma attended courses committee of DU meeting.
- Dr P Lal lectures on “ Health Research in Context of Social Change” by Prof. V M Katoch, Director General ICMR Organized by Indian National Science Academy BSZ Marg, New Delhi on 24th April,2012

- Dr P Lal is guest lecture on “Health Hazards of Benzene” by Arthur I Frank from Draxol university School of Public Health, Philadelphia, USA Organised by Center for Environmental and Occupational Medicine, Lok Nayak Hospital, New Delhi on 25th July, 2012.
- Dr P Lal attended “Symposium on Osteoporosis” Organized by Indian Society for Bone and Mineral Research on 27th July, 2012.
- Dr P Lal attended lecture on “The Demographic impact of Ageing in Health Care System” by Dr Tanveer P. Mir Asst. Professor, New York School of Medicine and elected Regent of American College of Physicians jointly organized by Dept. of Community Medicine, MAMC and Medical Council of India on 6th September, 2012.
- Dr P Lal attended “International Meet on Climate, the Workplace and The Lungs” organized by Centre for Occupational and Environmental Health, New Delhi on 6th-8th December, 2012 at MAMC, New Delhi.
- Dr P Lal attended Symposium on “Changing Role of Clinical Laboratory Medicine Laboratory-Clinic Interface” organized by A C B I (Delhi Chapter) & Department of Biochemistry, C N B C, Geeta Colony Delhi on Saturday, December 15, 2012 at CNBC Geeta Colony Delhi
- Dr MM Singh attended 56th Annual Conference of IPHA, Kochi, 10th-12th Feb 2012.
- Dr MM Singh chaired a scientific session in 18th International Congress of Association of Rural and (IARM), Panaji, Goa from 10th -12th Dec 2012.
- Dr MM Singh attended IGNOU co-ordinators’s meeting, 21st November, Malviya Mission Bhavan, New Delhi
- Dr M M Singh attended ICMR workshop 21st September, 2012.
- Dr MM Singh attended Symposium on “World Heart Day” organized by IPHA, Delhi branch, VMMC, New Delhi on 29th Sep, 2012.
- Dr MM Singh attended Workshop on “How to write scientific papers” organized by Dept. of Library, Delhi University, Delhi on 23rd August, 2012
- Dr MM Singh attended Training for online counseling for 50% All India Quota MD/MS/MDS/Diploma courses for academic year 2012.
- Dr MM Singh attended Workshop on “Scholarly publishing’ organized by ICMR, NIP, New Delhi on 21st September, 2012
- Dr J Kishore Member of Scientific Committee of 9th Annual Conference of ISMOCD and IAE on 2-4th Nov 2012.
- Dr J Kishore chair the technical session on Epidemiology of Diseases related to Climatic Change Diseases in 2nd National Conference on Climatic Change and Human Health and Habitat 14th -15th Sept 2012.

- Dr J Kishore attended Workshop on Designing of PG Diploma in Health Communication at NIHFW 13th August 2012.
- Dr J Kishore attended National Conference on Innovation and Entrepreneurship in Health organized by NGO in collaboration with Ministry of Environment & Forest and ICMR, at India International Center Annex on 2nd April 2012.
- Dr J Kishore attended National Seminar on Abortion, Social ethics and Exclusion of Female Foetus at Dronacharya College, Gurgaon, Supported by Directorate of Higher Education, at Haryana on 29th March 2012.
- Dr J Kishore attended MIDCON 2012 on 25th March 2012 at MAMC New Delhi.
- Dr J Kishore attended Workshop/meeting on “Accreditation” organized by National Board of examination, NAMS building, New Delhi on 22nd March 2012.
- Dr J Kishore attended “An International Symposium on Access @ Base of pyramid” organized by Via media and IPHA on Tuesday 28th Feb 2012 India Habitat Center New Delhi.
- Dr J Kishore attended 62nd Annual National Conference of Indian Association of Occupational Health 1-4th Feb 2012 at India Habitat Center, New Delhi.
- Dr J Kishore attended 16th State Joint Conference of IPHA & IAPSM AP State Chapter on 4-7th Jan 2012 at Siddhartha Medical College, Vijayawada, Andhra Pradesh.
- Dr B Banerjee attended 56th National Conference of Indian Public Health Association at Kochi, Kerala from 10th-12th Jan, 2012.
- Dr B Banerjee attended Review Meeting cum Capacity Building Workshop on Operational Research on Management of STI/RTI, organized by NACO in collaboration with CDC and FHI 360, from 9th-11th July 2012.
- Dr B Banerjee attended Teaching curriculum workshop on Case Studies on Innovations in Maternal and Newborn Health for Teaching and Advocacy, organized by PHFI on 30th -31st July 2012
- Dr B Banerjee attended STI OR Protocol Development Workshop, organized by NACO in collaboration with CDC and FHI 360, from 17th-21st September 2012.
- Dr B Banerjee attended International Meet on Climate, The Workplace and the The Lungs, organized by Centre for Occupational and Environmental Health, from 6th to 8th December 2012.
- Dr R Kumar attended a Training of trainer course on Strengthening Infant & Young Child Feeding Counselling Component in pre-service IMNCI at LHMC, 29-31st March.
- Dr R Kumar participated in workshop on Clinical Research, deptt. Of Pharmacology 16-20th April.

- Dr R Kumar attended a Training of trainer course for State Surveillance team members in HIV Surveillance for Delhi at Hotel Comfort, Faridabad on 7th-8th Dec.
- Dr P Sharma attended 56th All India annual conference of Indian Public Health Association held in Kochi, Kerala from 10th-12th Feb 2012.
- Mrs R Saha attended International conference on Epidemiology(ICE 2012) At St Thomas College,Pala in Chochi on 16-18th August 2012
- Mrs R Saha attended 30thAnnual Conference of Indian Society for Medical Statistics at Dayanand Medical College and Hospital, Ludhiana on 6th -9th October 2012.

8. FOLLOWING PAPERS WERE PRESENTED IN VARIOUS CONFERENCES:

Paper presented in 56th IPHA Con. 2012 at Kochi.

- Bansal R, Garg S, Saini R, Singh MM, Gupta K, Ingle GK. Study of Anaemia among adolescent girls (10 to 19 years) attending Delhi government dispensary.
- Tibrewal A, Garg S, Gupta VK, Venktesh S. Marital Violence and its legal Perception among ANC attendees of secondary Health care facility of Delhi. .
- Sumeena, Bhagat N, Sharma N, Anand T. A study of Causative conditions and perceptions about symptoms of anaemia and its treatment among slum women of Delhi.
- Bhilwar M, Malik A and Lal P. To study Knowledge, Attitude, Practices and associated Risk factors regarding reproductive tract infections in women attending a health camp in a district of Himachal Pradesh.
- Devi R, Saini V, Singh MM. Epidemiology of uninvestigated dyspepsia among persons aged 15 years and above in an urban slum community of Central Delhi.
- Bansal R, Garg S, Saini R, Singh MM, Gupta VK, Ingle GK. Study of anemia among adolescent girls (10-19 years) attending Delhi government dispensary.
- Kumar A, Sharma N, Meena GS, Singh MM, Saha R. Implementation status and awareness of anti-tobacco legislation in colleges of Delhi, India.

Paper presented in 39th IAPSM Con. 2012, at Tanda, HP.

- Garg S, Singh MM, Bansal R, Deepshikha, Gupta VK, Singh SV. Epidemiological study of Protein Energy Malnutrition among children attending to Pediatric Out-Patient Department of DDU Hospital in Paediatric age Group.

- Singh MM, Garg S, Bansal R, Alka, Gupta VK, Singh SV. Epidemiological study of abortion in females attending Gynaecology Out-patient department of ESI Hospital.
- Singh, Garg S, Bansal R, Furniturewala K, Singh MM, Gupta VK. Clinico-Epidemiological study of diarrhea among children under 5 years age attending Red Cross Hospital.
- Garg S, Rajiva TC, Rathi S, Gupta VK, Ingle GK. Epidemiological Study of PEM among Children attending Paediatric OPD of Hospital in Delhi.
- Kumar P, Anuja ,Bhagat N, Sharma N. 'Care in sickness:The older persons expectation of filial responsibility'
- Singh MM, Garg S, Bansal R, Alka, Gupta VK, Singh SV. Epidemiological study of abortion in females attending Gynaecology Out-Patient Department of ESI Hospital.
- Garg S, Singh MM, Bansal R, Deepshikha, Gupta VK, Singh SV. Epidemiological study of Protein Energy Malnutrition among children attending to Pediatric out-patient department of DDU Hospital in Paediatric age group.
- Garg S, Bansal R, Furniturewala K, Singh MM, Gupta VK. Clinico-Epidemiological study of diarrhea among children under 5 years age attending Red Cross Hospital.

Others:

- Kumar A, Sharma N, Meena GS, Singh MM, Saha R. An assessment of awareness and perception regarding anti-tobacco legislation in people, the law implementers and the current status of its implementation in urban areas of Delhi. It was presented in 15th World Conference on Tobacco or Health (WCTOH) in Singapore from 20th-24th Mar, 2012
- Chawla D, Sharma N, Anand T. Awareness regarding cervical cancer and its prevention in women attending gynaecological clinic in West Delhi. Oral and Poster presentation at 11th International Summer School Oncology, University Medical Center Groningen, The Netherlands organized by WHO Collaborating Center for Cancer Education from 8th-22nd July, 2012.
- Kumar P, Khan AM, Inder Deep, Sharma N. An assessment of job satisfaction among health care providers in govt. dispensaries of Delhi. Presentation was made at ISMSCON 2012 at Ludhiana on 6th -8th Oct 2012.
- Sharma M, Singh MM, Ingle GK. Knowledge, Attitude and Practices regarding E-Waste in a resettlement area of East Delhi. 9th Annual conference of ISMOCD and IAE, New Delhi, 2nd -4th Nov 2012.

- Gabrani A, Singh M.M. Knowledge, Attitude and Practices regarding Oral Cancer among 1st year Medical College Students in Delhi. Presented in International Summer School ‘Oncology for Medical Students’ Summer School, Medical University of Groningen, Netherlands, 9-20th July 12.
- Watode B, Kishore J, Lal P, Kapoor JP. Stress Management in School Children. Department of Community Medicine & School Health Program, Govt. of NCT Delhi.
- Jugal Kishore Reviewers of PHFI & CBHE’s Counseling Module for Tobacco use (English, Telgu and Gujarati). New Delhi Century Publications 2011.

9. DISTINGUISHED VISITORS:

- Dr Tanveer Mir, Regent, American College of Physicians, Assistant Professor of Medicine, New York University School of Medicine.

10. SIGNIFICANT EVENTS (HONOURS TO FACULTY):

- Dr J Kishore awarded as Chief of Army Staff Award for the best published article titled “Reverse Transcription Loop Mediated Isothermal Amplification (RT-Lamp) for diagnosis of Dengue” in the field of Pathology and Allied Science for Year 2012 as Co-author.

11. FELLOWSHIPS:

- Fellowship was awarded to Dr N Sharma by WHO in the month of January 2012
- Dr B Banerjee was awarded Fellowship of Indian Public Health Association awarded in January 2012

12. REPRESENTATION ON EXPERT COMMITTEES / BODIES:

Dr Suneela Garg:

- Member of National Advisory Group for UNFPA "District Level Workshop on Contraceptive Updates & Safe Abortion Techniques"
- Expert on Challenges for Microbicides Society of India, National Institute of Immunology New Delhi:
- Expert NDMA, for developing minimum standards for disaster Management.
- Member expert committee for ascertaining utility of machines for de-addiction of smokers, its efficacy in carrying out the de-addiction of people’s dependence on tobacco products.
- Expert NIHFWS for gender mainstreaming in 13th professional Development course in Management, Public Health and Health sector reforms for district Medical Officers
- Expert UPSC for finalizing question bank.

- Expert NIHFWS for post graduate diploma in health care management.
- Expert in Advisory Group Delhi Govt. regarding planning and policy directions to National Programme for Prevention and Control of Deafness at Delhi Secretariat
- Member design team for Delhi Medical Education and Research Society
- Team member for in-depth understanding of Gujarat Medical Education and Research Society.

Dr G S Meena:

- Represented in ICMR Scientific Advisory Committee Non Communicable Diseases.
- Represented in ICMR Project Review Committee.
- Represented in ICMR Task force committees “Deaf and Mute in Himachal Pradesh & J&K” and “Anophthalmia /microphthalmia in Bihar”
- Chairman DPC Committee.
- Chairman for ACP MACP.
- Allotment / accommodation committee.
- MAM College CCTV Committee.
- Vehicle Condemnation Committee.
- Anti-Ragging Committee.
- LAN & Server Committee
- Students Sports Committee
- Reviewer for Indian Journal of Community Medicine
- Reviewer for National Medical Journal.

Dr DK Taneja:

- Member India Expert Advisory Group(IEAG) on Polio Eradication
- Member Immunization Action Group, MOHFW, GOI.
- Member selection board for faculty in six AIIMS in different parts of the country
- Member Institutional Ethics Committee, IIPH, Delhi
- Member Expert Group, Curriculum development for PG Diploma in Public Health Nutrition, NIHFWS.

Dr Nandini Sharma:

- Chairperson for the implementation of RNTCP in Medical Colleges of Delhi.
- Expert committee for MDR-TB unit management in LN hospital.
- Executive committee of Lok Nayak Tapedic Unmulan Samiti.

- Expert committee for evaluation of O.R. Projects on RNTCP in Delhi.
- Environmental Assessment and Management of Water Resources Projects Sectional Committee, WRD 24 of Bureau of Indian Standards.
- Committee for assessment of survey/studies/planning and implementation, of the plans on environmental safe guard measures for Sardar Sarovar & Indira Sagar Project, constituted by Secretary MoEF till December 2010.
- Member Committee for monitoring and review work of Canals and Command Area Development of Omkareshwar Project constituted by MoEF.
- Resource person for STI Control Programme in Delhi‘
- Member of Technical Expert Group on TB Burden estimation in India
- Member National Research Committee–RNTCP
- Member Delhi University Courses Committee.
- Member Secretary Maulana Azad Medical College Protocol Committee

Dr P Lal:

- Member of District Rapid Response Team (RRTs) for Investigation and Containment of the disease under IIDSP, constituted by IDSP , DHS, Govt of NCT, Delhi

Dr MM Singh:

- Member, Ethical committee for research projects of Department of Anthropology, Delhi University
- Member, Ethical committee for research projects of New Delhi Tuberculosis centre, New Delhi

Dr J Kishore:

- Faculty, Medical Education Science Technology in the Department of Medical Education at Maulana Azad Medical College, New Delhi
- Faculty, Clinical Epidemiology Unit, Maulana Azad Medical College
- Faculty, Postgraduate Diploma in MCH (PGDMCH) and Postgraduate Diploma in Geriatric Medicine (PGDGM) of Indira Gandhi National Open University.
- Faculty, Community Nursing for BSc. Nursing Students of Ahilya Bai College of Nursing (Delhi University), LN Hospital, New Delhi and MSc Jamia Hamdard University.
- Faculty, Master in Social Work of School of Social Work, University of Delhi.
- Faculty, Course of TB Health Visitors of Tuberculosis Association of India held at New Delhi TB Center.
- Member, International Epidemiology Association (Life)
- Member, National Academy of Medical Sciences, India (Life)

- Member, Indian Association of Occupational Health (National & Delhi Branches) (LM)
- Member, Indian Association for Air Pollution Control (LM 369/2006)
- Member, Indian Public Health Association (National & Delhi branches) (LM/1996/DEL/0630)
- Member, Indian Association of Preventive & Social Medicine (LM/0641)
- Member, Indian Medical Association and also South Delhi Branch (LM SDB-943)
- Member, Indian Psychiatric Society (LOM)
- Member, Delhi Psychiatry Society (LOM/J09/05)
- Member, Indian Association of Malaria and other Communicable Diseases (LM)
- Member, Indian Society for Medical Statistics (LM)
- Member, Indian Academy of Geriatrics (Life member associate 209/2008)
- Member, IMA Academy of Medical Science (LM)
- Member, Indian Medical Association Academy of Medical Specialists (IMAAMS) 2009
- Member, Indian Association of Adolescent Health
- Member, Social Medicine Association (LM/2007)
- Founder President & trustee of KISHORE Foundation (2006)
- Founder President & trustee of SABASVA Foundation (1996)
- Member, Director (Hony) Center for Inquiry (India) an international body
- Fellow of Indian Public Health Association (FIPHA)
- Fellow of Indian Association of Preventive & Social Medicine (FIAPSM)
- Fellow of Indian Medical Association Academy of Medical Specialists (FIMAAMS)
- Expert in Selection of Consultant (Medical) for RCH NRHM training project in NIHFWS on 22.11.2012.
- Chairman of selection committee for Data Entry Operator for the project entitled “A study of teenage pregnancy and its outcomes” of ICMR on 23th May 2012.
- Board of Selection for Epidemiologist at NIHFWS May 2012.
- Board of Selection for AIIMS Like Institutes April 2012
- Expert Member of Committee for Evaluation and Assessment of the Proposals of College teachers for Travel Grant from University Grant Commission 2012.
- Member of Steering Committee of “Chacha Nehru Sehat Yojana” Delhi School Health Scheme of Govt. of NCT Delhi 2011-2013.
- Trainers: on DOTS and Biomedical Waste Management, State level trainers for PNDT, Gender, BMD, HIV, Epidemiology, Various topics of Public health.

- Author: Written many editions of 22 books in Community Medicine and Public Health and social problems to strengthen undergraduate and postgraduate teaching in India.
- Inspector: DNB Family Medicine course conducted such inspection at NIHS Kalyani Hospital Vishakhapatnam 12-13 June 2012;
- Appraiser: St Stephen's Hospital for DNB Community Health (SPM); DNB Examination theory examination Part-I, II 2012;

Editor for the following:

- WebmedCentral Public Health Specialty Editor 2012.
- Journal of Nursing Science and Practice
- Research and Review: A Journal of Health Professionals.
- Research and Review: A Journal of Energy, Environment and Carbon Credit.
- Current Trends in Clinical Trials
- Research and Review: Journal of Medicine

Editorial Board Member/Reviewers:

- Journal of Communicable Disease published by Indian Society of Malaria and Communicable Diseases
- Public Health
- African Journal of Environmental Science and Technology
- Indian Journal of Community Medicine
- Health and Population: Perspectives and issues

Dr R Kumar:

- Member of State Sentinel Surveillance Team for Delhi.
- Nodal Officer and Technical Member of the Dengue Committee at MAMC.
- Member of the Technical Committee on repair of furniture in MAMC.
- Member of Accommodation Committee of Medical Officer Examination held on 18th September.
- Superintendent of Medical Officer Examination held at MAMC.
- Member of Task force for zero Mosquito Breeding in Hospital premises.
- Represented Deptt. of Community Medicine at the meeting in National Medical Library for review of Journals of Public Health.
- Superintendent of DNB Examination held at MAMC.
- Transport incharge for Deptt. of Community Medicine
- Internship incharge for Deptt. of Community Medicine.
- Resource person for training of workers for sentinel surveillance for HIV

Mrs Renuka Saha:

- Member of the Executive committee of Lok Nayak Tapedic UnmulanSamiti.
- Expert committee of O.R. Projects on RNTCP in Delhi.
- As an expert member of research Project of MPT(musculoskeletal)Students at Banarasidas Chandieala Institute of Physiotherapy, New Delhi.
- Member of the Clinical Epidemiology Unit of MAMC.
- Resource person in the training course of orientation in Medical Research Methodology & Biostatistical Methods of Analysis at ICPO, Noida

13. HEALTH SERVICES TO THE COMMUNITY DURING 2011-12

The department had four Health centers viz. Rural Health Center Barwala, Urban Health Center Gokulpuri, Delhi Gate Health Center and Balmiki Basti Health Center. These centers cater to a population of more than 50,000 persons. The following services are provided through these centers:

- OPD Services,
- MCH & Family Welfare Services
- National Health Programs,
- Routine School Health Services, as well as a special program conducted for prevention and control of deafness.
- Collection & Compilation of Vital Statistics,
- Control of Communicable Diseases,
- Health Education in the Community,
- Referral Services, Eye Care services at Rural Health Center at RFPC, Barwala for Cataract surgery & Correction of Refractive errors.
- Dengue survey in the Campus was conducted under supervision of Dr Rajesh Kumar.
- The department is also working in collaboration with Maharshi Balmiki Hospital at Pooth Khurd where a Rural Health Training Centre is functioning. Interns and residents are trained and providing services.
- Health programmes organised in schools in context of prevention and control of deafness. Coordinator: Dr S Garg, Dr Chadha
- IEC materials developed for community health care organisation & policy makers under NPPCD and Sound Hearing 2030. Coordinator: Dr Suneela Garg, Dr GK Ingle
- Organised International Hearing care day at Delhi Gate & BVK Centre coordinator : Dr S Garg
- Coordinated: one Exhibition in Sarvodya Vidyalaya , Rouse Avenue, Minto Road New Delhi on deafness, Ear care. Coordinator : Dr Suneela Garg& Dr GK Ingle
- Dr SGarg is Telecommunication, In-charge for MAMC, New Delhi

- Dr R Kumar conducted entomological surveillance for prevention of Dengue in the Campus.
- Dr R Kumar Conducted supervisory visits to various sites as part of team for Sentinel Surveillance of HIV/AIDS.
- Health Education Initiative : Ms Nirmata Kureel organized the following events:

I. EXHIBITION :

- Displayed three exhibition on Obesity, Deafness, Nutrition, Noise Pollution and Diabetes in MTNL Health Mela from 7th-11th Nov 2012.
- One exhibition on World Health Day theme and two exhibitions on Nutrition at Sarvodaya Vidyalay Minto Road New Delhi.

- II. SCHOOL HEALTH: About 60 Health Education Programmes (health talks/ groups discussions, role play etc) were organized in the schools of rural and urban fields practice area on personal hygiene, worm infestation, Diarrhea, ARI, TB, Nutrition, Drugs, Addiction, Ear care, Malaria, Dengue and Noise Pollution etc.
- III. HEALTH TALKS/GROUP DISCUSSIONS: This year about 70 Health talks and group discussion were organized and conducted in the RFPC, UHC, Balmiki Basti, Delhi Gate Health Centre, Schools and FHAP areas etc. for children, women and general public on various health problems. The H. Education. Programme was attended by 20-40 persons.
- IV. ROLE PLAYS: Total 12 Role plays were organized in the FHAP area Mata Sundri Road, Delhi Gate Centre on Swine Flue, World Health Day Theme, Dengue, Malaria & Diarrhea/ORS by IV, V, VI & VII Semester MBBS students.
- V. Displayed 100 posters/ charts in the MAMC College, Schools and field areas on various health problems.
- VI. Distributed about 3000 Health education Materials (Folders, Booklets, Pphemlets, handouts etc.) on various health problems to the Health Centres, school & FHAP.
- VII. PRODUCTION OF H.EDU. MATERIALS: The Deptt. of Community Medicine produced about 100 posters charts/ 3 sets of flash cards and about 800 pphemlets on Malaria & Dengue.
- VIII. RECEIVED: 3 sets (books, posters, stickers etc.) from WHO on World Health Day Theme.
- IX. HEALTH EDU. MATERIALS : Material supplied to other Departments of the College, Nursing students schools and hospital on various health problems as per their need:
- X. WORLD HEALTH DAY CELEBRATION: The Deptt. of Community Medicine organized and conducted the following activities in field practice

areas of the college. The theme for this year is : “ GOOD HEALTH AIDS LIFE TO YEARS”.

- Displayed about 150 posters/ charts in the Deptt, RFPC and UHC on World Health Day theme.
- Two Healthy Baby competitions organized in Delhi gate Health Centre & Balmiki Basti”.
- Six quiz Programs were organized in the Balmiki Basti , Barwala Health Centre, FHAP area, Urban Health centre, Delhi Gate Health Centre and Mahrishi Balmiki Hospital, Pooth Khurd for Gen. Public and Angadwadi workers.
- One re-orientation training Programe organized and Conducted in UHC on World Health Day theme for Anganwadi Workers of Gokulpuri.
- Role Play: Total 6 role plays by interns on World Health Day theme in the UHC, Balmiki Basti, Delhi Gate health centre and FHAP areas.
- Twelve health talks on World Health Day theme in the health centres and schools .
- One Health screening camp and health awareness activities for elderly people organized in UHC Gokulpuri.
- Displayed two Exhibition in Sarvodya Vidyalaya , Rouse Avenue, Minto Road New Delhi on deafness, Ear care and Nutrition on Chacha Nehru Bal VikasYojna Diwas.

Health Services Provided:

Activities	Barwala	Pooth	Gokulpuri	Delhi gate	BVK	TOTAL
	0	0	0	0	0	0
ANC REGISTERED	160	0	891	24	0	1075
INJ T.T I	91	0	874	10	0	975
INJ TT II + BOOSTER	107	0	659	16	0	782
TOTAL IRON TABLETS DISTRIBUTED TO ANTENATAL MOTHERS	18600	0	891	2280	0	21771
DELIVERY CONDUCTED BY C STAFF	0	2011	0	0	0	2011
TRAINED DAI	6	0	110	0	0	116
HOSPITAL(outside RHTC)	92	0	174	0	0	266
TOTAL	98	0	432	0	0	530
TWIN DELIVERIES	0	0	0	0	0	0
LIVE BIRTH	98	0	432	0	0	530
STILL BIRTH	0	0	0	0	0	0

ABORTION	3	0	0	0	0	3
INFANT DEATH	1	0	0	0	0	1
TODDLAR DEATH	0	0	0	0	0	0
NO.OPD CASES SEEN	11437	32281	11124	8045	3093	356530
	0	0	0	0	0	0
BCG	44	0	898	7	0	949
DPT/OPV I	147	0	1025	67	0	1239
II	131	0	982	77	0	1190
III	134	0	1016	72	0	1222
BOOSTER	126	0	890	88	0	1104
MEASLES	129	0	884	95	0	1108
MMR	125	0	885	101	0	1111
HEPATITIS B						
I	146	0	1025	68	0	1239
II	128	0	982	77	0	1187
III	132	0	1016	73	0	1221
D.P.T (5 Yrs)	61	0	554	37	0	652
TYPHOID	121	0	352	87	0	560
TOTAL NO.OF VITAMIN A DOSES GIVEN I	105	0	0	81	0	186
V	89	0	0	166	0	255
IX	37	0	0	76	0	113
TOTAL NO.OF IRON TABLETS (SMALL)DISTRIBUTED TO CHILDREN	0	0	0	0	0	0
NO.OF INFANT IN EACH CLINIC	30	0	0	0	43	73
NO.OF TODDLER IN EACH CLINIC	12	0	0	0	95	107
TOTAL NO. OF TARGET COUPLE	948	0	4198	0	0	5146
TUBECTOMY	8	0	0	0	0	8
VASECTOMY	1	0	0	0	0	1
CUT INSERTION	16	0	322	3	0	341
C.C USER	3220	0	5550	2380	0	11150
MALA N	235	0	950	48	0	1233
LIVE BIRTH	98	0	432	0	0	530
DEATH	18	0	49	0	0	67
INFANT DEATH	1	0	0	0	0	1
TODDLER DEATH	0	0	0	0	0	0
MATERNAL DEATH	0	0	0	0	0	0
SCHOOL CHILDREN EXAMINATION	268	0	1429	0	175	1872
HEALTH TALK GIVEN	45	0	32	0	0	77
SPECIAL EYE CLINIC(CASES SEEN)	232	0	0	0	3	235

14. NEW FACILITY ADDED:

- GPS map reading being done in urban slum field practice areas of Community Medicine, MAMC.

18. ANY OTHER RELEVANT ACADEMIC INFORMATION WORTH MENTIONING:

Dr. Suneela Garg

- Delivered the talk on Rajya Sabha Channel regarding Gender Based Issues.
- Peer reviewer of journal articles:
 1. AIDS Care
 2. Asia Pacific Journal of Public Health
 3. Indian Journal of Community Medicine, Official journal of Indian Association of Preventive and Social Medicine
 4. Journal of Communicable Diseases, Official journal of Indian Society for Malaria and Other Communicable Diseases
- Examiner:
 1. Postgraduate examiner for MD (Community Medicine) ,
 2. Postgraduate thesis examiner for MD (Community Medicine) of Vadodara university.
- Coordinator:

Coordinator in Fellowship in HIV Medicine, MAMC, New Delhi

- Resource person:
 1. Training program on RTI/STI for medical officers, organized by Delhi State AIDS Control Society, Delhi for nurses and doctors.
 2. Resource person for State Resource Centre IGMCM, Shimla
 3. Resource person for Training of Trainers workshop for Medical Officers of NRHM on STI/RTI.
 4. Resource person for Adaption of WHO Modules (Sound Hearing 2030)
 5. Nominated as an expert member for advocacy group to give advice on formulation of advocacy strategy of JSK.
 6. Resource person for Medical Council of India : Curriculum reforms of MBBS students
 7. Examiners for M.B.B.S. Examination
 8. Resource person: Provide latest health facilities in Delhi Govt. Dispensary
 9. Resource person for RTI/STI training of ANM's conducted by NACO & SACS
 10. Resource person for CII for Promoting Public Health Initiative.
 11. Resource person for an International conference at MAMC with the theme of- "International meet on climate, the workplace and the lungs".

12. Resource person for National Institute of Health Education and promotion by central Health Education Bureau.

Dr GS Meena:

- Represented in National Board of Examination.
- Resource Person FHM
- Resource person for NBE
- Nodal Officer for IDSP (Integrated Disease Surveillance Project)
- Examination Superintendent NBE
- Selection Committee Member ICMR & RPSC, Ajmer, Rajasthan
- External Examiner for MD Community Medicine at AIIMS New Delhi
- External Examiner for MD Community Medicine at MGIMS Jaipur Rajasthan
- Received training on NVBDCP from NIHFW, New Delhi.

Dr. DK Taneja:

- Vice President, Indian Public Health Association
- Convener IPHA Sub Committee on Immunization
- Member Editorial Board, Indian Journal of Community Medicine
- Member Editorial Board, Health and population perspectives, NIHFW.
- Member Indian Academy of Public Health.
- Peer reviewer of journal articles:
 1. Indian Journal of Community Medicine.
 2. Indian Journal of Pediatrics.
 3. Indian Journal of Public Health.
 4. Indian Journal of Medical Research.
- Guest lecture at NIPCCD for CDPOs on 'Health care infrastructure in India'.
- Counselor Post Graduate Diploma in Geriatric Medicine (PGDGM) course of IGNOU.

Dr N Sharma:

- Completed MBA (HCA) from Faculty of Management Science , Delhi University in April 2012.

Dr P Lal:

- Evaluation of MD (Community Medicine) Thesis titled "Appraisal of Support and Guidance to School going adolescents by their School teachers and Health Service providers" submitted by Dr. Arun Kumar to Pt. B D Sharma University of Health Sciences, Rohtak for the year 2012.

- Member of Interview Board for interview held on 6th August, 2012 selection of Research Assistants for the following projects to be conducted in Department of Biochemistry, MAMC--
- 1. Genetic diversity distribution of *Mallissa officinalis* L. and its medicinal Application
Principal Investigator: Dr P C Ray, Dir. Professor.
- 2. A Study of Genetic Alteration (role of micro RNA) in Breast Cancer Patient (UGC Funded); Principal Investigator Dr. Alpana Saxena, Dir. Professor & Head. Biochemistry Dept.
- Attended meeting for discussion on “Roles and Responsibilities of all the covering departments in the Mega camp of District central” held on 18th September, 2012 in the office of the Deputy Commissioner (Central District) Darya Ganj, Delhi.
- Joined Personality Testing Board as Advisor for assessing candidates qualified in Combined Medical Services Examination at Union Public Services Commission, New Delhi from 19th to 23rd Nov, 2012.

Dr MM Singh:

- **Peer reviewer of journal articles:**
 1. AIDS Care
 2. Public Health
 3. Asia Pacific Journal of Public Health
 4. Journal of Sexual Medicine
 5. Women and Health
 6. Indian Journal of Community Medicine, Official journal of Indian Association of Preventive and Social Medicine
 7. Journal of Communicable Diseases, Official journal of Indian Society for Malaria and Other Communicable Diseases
 8. Indian Journal of Ophthalmology.
 9. Indian Journal of Community Health, Official Journal of IAPSM, UP state branch
 10. Indian Journal of Public Health, Official Journal of Indian Public Health Association
 11. Journal of Medical Society, RIMS, Imphal
- Postgraduate examiner for MD (Community Medicine) in HIHT, Dehradun; MPH, Datta Meghe Institute of Medical Sciences University, Wardha; Postgraduate thesis examiner for MD (Community Medicine) of PGIMER, Chandigarh, Thesis Examiner for MPH, PGIMER, Chandigarh
- Core member, Fellowship in HIV Medicine, MAMC, New Delhi.
- Academic counselor, PGDGM, and PGDMCH of IGNOU.

- Resource person for :
 1. Resource person, workshop on “Epidemiological studies- health survey in workplace” for doctors, organized by Centre for Occupational Health, MAMC, New Delhi
 2. Resource person, training for MPH students on “ Research methods” organized by Centre for Occupational Health, MAMC, New Delhi 19th and 20th July 2012
 3. Resource person, training program for “Certificate course on Industrial Health” organized by Centre for Occupational Health, MAMC, New Delhi, on “Research methodology”.
 4. Resource person, for training of doctors, medical record personnel on “ICD-10 guidelines” organized by Govt. of NCT, Delhi, 18th- 30th Jan,2012
 5. Expert, preparation of MCQs for competitive exams. in Delhi, M.P and Punjab.
 6. Expert, validation workshop for MCQs in National Board of Exams, New Delhi.
 7. Expert, selection committee for faculty in Community Medicine, for six AIIMS like institutions of India.
 8. Expert, selection committee for faculty in Community Medicine, HIMSR, Jamia Hamdard University, Delhi.
 9. Expert, project review for ICMR projects.
 10. Part time MCI inspector.
 11. Reviewer, MCCD report of RGI, Govt. of India, New Delhi.

Dr J Kishore:

- Resource person for :
 1. Training on Integrated Disease Surveillance Project for District and state level Medical Officers.
 2. Training on Integrated Disease Surveillance Project and Biomedical Waste Management for Doctors and paramedical workers in NDMC.
 3. Training on Integrated Disease Surveillance Project for Doctors and paramedical workers of Delhi Government.
- Guest lecture:
 1. Delivered session and group work on “Scientific Instrument Development” in a workshop on research Methodology organized by AIIMS Bhopal on 18th-19th Dec 2012.
 2. Delivered a scientific discussion on “Developing Proposal for Funding Research” in 16th Annual National Conference organized by Jamia Hamdard in collaboration with NRSI on 29th Oct 2012.

3. Lecture on Epidemiological challenges – Preventive Management, Context of Climate-change & Drought. In the NIDM workshop on "Climate change and Disaster Management" on 27th Sept 2012.
 4. Lecture on OSPE in MCI training course for medical teacher at MAMC on 27th Sept 2012.
 5. Lecture on “Ethical Consideration in Health research” for MPH students on 6th August 2012 at MAMC.
 6. Guest Lecture cum group work on “PG Thesis Protocol Writing” in PG Orientation Program on Clinical research and Biostatistics” at ESI-Post Graduate Institute of Medical Science and research Basaidarapur, Ring Road, New Delhi on 13th July 2012.
 7. Chief Guest speech on “Social Ethics Exclusion of Female foetus Scientific Humanity is way to Address the problem” in a National Seminar on Abortion, Social ethics and Exclusion of Female Foetus at Dronacharya College, Gurgaon, Haryana on 29th March 2012 (75).
 8. Technical Session on “Water, Sanitation and Environmental Health Management in Disaster” in a training program for senior officials of the government at National Institute of Disaster Management at 27th March 2012.
 9. Technical Session on “Health Management in Floor” in a training program for senior officials of the government at National Institute of Disaster Management at 21st March 2012.
 10. Taken lecture on “Fish bowl Discussion, OSCE, Biomedical statistics, NRHM” in Medical Education Science Technology workshop for medical teachers held at MAMC from 19th-28th March 2012.
 11. Sessions on “Life Skill Education” in training of adolescents under Kishore Shakti Yojana and ICDS on 14th 16th Feb and 6th March 2012.
 12. Session on “OSPE” in 28th Mini-Workshop (Capsule course) on “Educational Science Technical” for senior residents on 1st, 29th Feb, 2012.
 13. Session on “Health Planning” in Preconference CME of 16th Joint Conference of IPHA & IAPSM at Vijayawada, Andhra Pradesh on 4th Jan 2012.
- Others:
 1. Principal Investigator. “Feasibility study of Screening tool for Diabetes prevalence in rural area of Delhi” ICMR Project 2011-12.
 2. Observer: MCI Medical Education Technology Orientation workshop for medical teachers in 2012.
 3. Delivered a IGNOU-NBE Teleconference talk on Gyan dharshan II on “NRMH, JSY, RKS” for the students of DNB Family Medicine on 22nd March 2012.

4. Resource person in CME program (Module 1 and 2) for medical officer in Ayurveda organized by A&U Tibbia College and hospital, Govt of NCT Delhi, Karol Bagh, New Delhi 23rd Feb 2013.
5. Judge the Event “Inter-college Skit and Laughter Competition” in Dental Health Utsav 2012 on 12th Dec 2012 at MAIDS, New Delhi
6. Judge the event “Divya Jyoti Inter-Nursing School & Colleges” in MTNL Perfect Health Mela 2012 organized by Heart Care Foundation of India on 9th Nov 2012 at Constitutional Club, Rafi Marg, New Delhi.
7. Chairperson for the technical session on “Climate change and diseases” 2nd National Conference on Impact of Climate Change on Habitat and health” and act as co-chairperson of scientific committee of conference organized IDC Foundation in collaboration with MAMC, at India International center Annex on 13th-14th Sept 2012. Spreading the message of climatic change and its effect on human health.
8. Chairperson for the technical session in National Conference on Innovation and Entrepreneurship in Health organized by NGO, at India International center Annex on 6th April 2012.
9. Chief Guest of Valediction of National Seminar on Abortion, Social ethics and Exclusion of Female Foetus at Dronacharya College, Gurgaon, Haryana on 29th March 2012.
10. Chair the session in MIDCON 2012 on 25th March 2012 held at MAMC, New Delhi
11. Co-Chairperson of Dr. B. Rama Murthy Memorial Oration at 16th State Joint Conference of IPHA & IAPSM AP State Chapter on 6th Jan 2012 at Siddhartha Medical College, Vijayawada, Andhra Pradesh.
12. External Examiner MD (Community Medicine), Government Medical College, University of Kashmir 2nd-3rd June 2012.
13. Practical Examination of DNB Family Medicine at St John Medical College Bangalore, Karnataka on 4th-5th Dec 2012.
14. Setting and moderating of question papers for DNB Family Medicine, Dec 2012.
15. Setting and moderating of question papers DNB MCH, Dec 2012.
16. Setting and Moderating of question papers DNB Field Epidemiology, Dec 2012.
17. Theory Paper III, Evaluation for Family Medicine 2012.
18. Theory Paper Evaluator for Preventive & Social Medicine of DNB Exam. Jan 2013.
19. Reviewer of Papers for PGDGM in 2012, IGNOU.
20. Evaluation of Theory papers 2012, IGNOU.

21. External Examination for the Post Graduate Certificate Course in Hospital Management Distance Learning-Final Examination 20th-23rd Oct 2012 at National Institute of Health & family Welfare, Munirka, New Delhi.
22. Dissertations of MPH students of PGI MER Chandigarh 2012
23. TBHV students at New Delhi TB Center run by Tuberculosis Association of India since 2012.

Dr B Banerjee:

- Nodal Officer Community Medicine, Regional STI Centre, MAMC, under NACO
- Member of Departmental research Committee, Department of Community Medicine, Faculty of Medical sciences, University of Delhi
- Member of Committee of Courses and Studies, Department of Community Medicine, Faculty of Medical sciences, University of Delhi
- Coordinator, Dedicated Research Wing, MAMC from Department of Community Medicine.
- Member of Committee for Strengthening PG practical Training.
- Facilitator of PG activity.
- In charge of RHTC, Barwala.
- In charge of Internship Training Programme at MBH, Pooth Khurd.
- In charge of Annual Indent and transport (first 6 months of the year).
- External examiner for Final MBBS Part I exam at NRS Medical College, Kolkata under West Bengal University of Health sciences
- Adjudication of 2 MD theses for West Bengal University of Health sciences.
- Prepared Multiple Choice Questions for DNB Primary Examination.
- Internal examiner, paper setter and invigilator for Final MBBS Part I exam at Maulana Azad Medical College, New Delhi.
- Co guide for MD thesis of 2 PG students of Dept of Community Medicine of MAMC.
- Supervisor for ICMR STS project of 1 UG student, on 'An Epidemiological Study to Estimate the Association between Dietary Iron Intake and Presence of Anemia in Hospitalized Children Under 5 Years of Age.
- Peer reviewer of journal articles:
 1. Indian Journal of Public Health
 2. International Journal of Medicine and Public Health.

Dr R Kumar:

- Curriculum in charge for Under-graduate students
- Curriculum in charge for BSc Nursing students for Community Medicine and revised the whole curriculum for III semester.

- Invigilator for Final MBBS part 1 examination.
- Physical verification of library, MAMC.
- Prepared Annual Report for the Department of Community Medicine for college as well as for Delhi University.
- Helped in the updating of FHAP folder and internship folder

DERMATOLOGY & STD

Name of the Head of Department: Dr Vijay Kumar Garg

1. Faculty

Director Professor & Head
Professor
Associate Professor

Vijay Kumar Garg
DR Bijaylaxmi Sahoo
DR Kabir Sardana
Dr. Rashmi Sarkar
Dr. Krishna Deb Barman
Dr Vineet Relhan
Dr Atul Mohan Kochhar

Assistant Professor
Senior Specialist

2. TRAINEES FROM OTHER AGENCIES

- Doctors from IGNOU under PGDM course on Geriatrics underwent training in the deptt
- Training was imparted to the Doctors of HIV fellowship Programme
- Training For doctors under the DSACS in HIV STD .

3. TRAINING COURSES/CONFERENCES/WORKSHOPS ORGANIZED

1. A symposium on CME UPDATE FOR PG OF NORTH INDIA was held with Dr.Vijay K Garg as Convener.
2. HIV fellowship programme with Dr Vijay K Garg and Dr Kabir Sardana as faculty was held in 4 phases throughout the year.
3. Under DSACS supervisory visit and training was conducted for medical officers.

4. PUBLICATION OF RESEARCH PAPERS IN INDEXED JOURNALS DURING THE PERIOD

1. Singh C, Tripathi R, Sardana K, Mala YM. Primary amenorrhoea due to a rare cause: epidermolysis bullosa causing haematometra. BMJ Case Rep. 2013 Jan 2;2013.
2. Sardana K, Goel K, Chugh S. Reticulate pigmentary disorders. Indian J Dermatol Venereol Leprol. 2013 Jan-Feb;79(1):17-29.
3. Sardana K, Arora P, Khurana N, Chugh S. 'Congenital follicular melanocytic naevi': a more appropriate term for spotted grouped pigmented naevi. Clin Exp Dermatol. 2012 Dec;37(8):871-3.
4. Sardana K, Garg VK, Arora P, Khurana N. Histological validity and clinical evidence for use of fractional lasers for acne scars. J Cutan Aesthet Surg. 2012 Apr;5(2):75-90.
5. Sardana K, Garg VK, Agarwal P. Is there an emergent need to modify the desmoglein compensation theory in pemphigus on the basis of Dsg ELISA data and alternative pathogenic mechanisms? Br J Dermatol. 2013 Mar;168(3):669-74.
6. Sardana K, Arora P, Mishra D. Follicular eczema: a commonly misdiagnosed dermatosis. Indian Pediatr. 2012 Jul;49(7):599. PubMed PMID: 22885452.
7. Jain S, Sardana K, Garg VK, Sinha S. Hidradenitis suppurativa involving the preauricular region: an unusual location. Indian J Dermatol Venereol Leprol. 2012 Mar-Apr;78(2):229.
8. Sardana K, Chugh S, Garg V. Are Q-switched lasers for Nevus of Ota really effective in pigmented skin? Indian J Dermatol Venereol Leprol. 2012 Mar-Apr;78(2):187-9;
9. Jain S, Sardana K, Garg VK. Ultrapulse carbon dioxide laser treatment of porokeratotic eccrine ostial and dermal duct nevus. Pediatr Dermatol. 2013 Mar- Apr;30(2):264-6.

10. Sinha S, Sardana K, Garg VK. Coexistence of two atypical variants of pityriasis rosea: a case report and review of literature. *Pediatr Dermatol*. 2012 Jul-Aug;29(4):538-40.
11. Sarkar R, Mishra K, Garg VK. Fever with rash in a child in India. *Indian J Dermatol Venereol Leprol*. 2012 ;78(3):251-62.
12. Sarkar R, Chugh S, Garg VK. Newer and upcoming therapies for melasma. *Indian J Dermatol Venereol Leprol*. 2012 ;78(4):417-28
13. Arora P, Sarkar R, Garg VK, Arya L. Lasers for treatment of melasma and post-inflammatory hyperpigmentation. *J Cutan Aesthet Surg*. 2012 ;5(2):93-103.
14. Sarkar R. Idiopathic cutaneous hyperchromia at the orbital region or periorbital hyperpigmentation. *J Cutan Aesthet Surg*. 2012 ;5(3):183-4
15. Sarkar R, Sharad J, Vedamurthy M. Chemical peels and fillers-incorporating scientific evidence in clinical practice. *J Cutan Aesthet Surg*. 2012 ;5(4):227-8
16. Sarkar R, Bansal S, Garg VK. Chemical peels for melasma in dark-skinned patients. *J Cutan Aesthet Surg*. 2012 ;5(4):247-53.
17. Keisham C, Sarkar R, Garg VK, Chugh S. Ashy dermatosis in an 8-year-old Indian child. *Indian Dermatol Online J*. 2013 ;4(1):30-2.
18. Chugh S, Sarkar R, Garg VK, Singh A, Keisham C. Multifocal fixed drug eruption with COX-2 inhibitor-celecoxib. *Indian J Dermatol* 2013;58:142-4.
19. Sinha S, Sardana K, Garg VK. Photoletter to the editor: Disseminated histoplasmosis with initial oral manifestations. *J Dermatol Case Rep*. 2013 Mar 30;7(1):25-6.
20. Sardana K, Chugh S, Garg VK. Focal acral hyperkeratosis. *Indian Pediatr*. 2013 Barman KD, Goel K, Agarwal P, Chukh S, Garg VK, Khurana N. Lepromatous leprosy with an uncommon presentation: A case report. (Case report). *Ind J Lepr*
21. Chukh S, Barman KD, Goel K, , Garg VK, Masquerading leprosy nerve abscess misdiagnosed as tubercular lymphadenitis and neuroma. *Lepr rev* Sharma S, Barman KD Sarkar S, Maji M, Garg VK. Efficacy of oral zinc therapy in epidermodysplasia verruciformis with squamous cell carcinoma: a case report, IDOJ
22. Pityriasis rosea with erythema multiforme – like lesions: An observational analysis *Ind J Dermatol* DOI: 10.4103/0019-5154.110855

9 Books (Written/Edited)/Chapters contributed

- Garg VK ,Sardana K. Editors .Exam Based MCQ in Dermatology .2 nd Edition .Peepee Publishers
- Sardana K ,Arpita Jain. Ichthyosis .Advances in Pediatric Dermatology ,Peepee publishers

5. CONFERENCE/ WORKSHOPS/SYMPOSIA ATTENDED/ PAPER PRESENTATION (National/ International)

Dr Vijay K Garg

1. Dr Vijay Garg chaired a session at Dermacon 2013 at Ahmedabad from 25-27 January 2013.
2. Dr Vijay K Garg Organised and convened a session on “Lasers in Pigmented Skin “at 5th ASPCR Congress, New Delhi, India from 3-4 November 2012.
3. Dr Vijay Garg moderated and presented a talk “Basics In Dermatology” on 23-24 February 2013 in PG Update, Dept of Dermatology, MAMC, New Delhi.
4. Dr Vijay K Garg chaired a session at Annual conference of IADVL Delhi, State branch at Intercontinental hotel Nehru place 2012

Dr Bijaylaxmi Sahoo.

- Chairperson: 5th Asian Society of Pigment Cell Research Congress, New Delhi from 3-4 November 2012.
- Guest faculty: Dermatopathology: PG Update: 23-24th February 2013, at MAMC.

Dr Rashmi Sarkar

1. Dr Rashmi Sarkar presented two invited lectures on “Medical Management of Hyperpigmentation’ and “Chemical peels –A global perspective” at 71st Annual American Academy of Dermatology Conference at Miami ,Florida from 1-5 March 2013.
2. Dr Rashmi Sarkar presented an invited lecture “Medical management of melasma’ at 5th ASPCR Congress, New Delhi, India from 3-4 November 2012.
3. Dr Rashmi Sarkar presented an invited lecture “Melanocyte behavior in melasma “ at ACSICON-ISDS Conference in Gurgaon from 13-15 April 2012.
4. Dr Rashmi Sarkar moderated a Panel Discussion on “Facial Melanoses other than Melasma at Dermacon 2013 at Ahmedabad from 25-27 January 2013.
5. Dr Rashmi Sarkar presented an invited lecture on “Management of Atopic Dermatitis” at Indian Society of Pediatric Dermatology Conference in Indore on 23-24 November 2012.
6. Dr Rashmi Sarkar presented a lecture on “Therapeutics in Dermatology” on 23-24 February 2013 in PG Update, Dept of Dermatology, MAMC, New Delhi.

Dr Kabir Sardana

1. Dr Kabir Sardana presented an invited lecture “Lasers in Pigmented Skin “at 5th ASPCR Congress, New Delhi, India from 3-4 November 2012.
2. Dr Kabir Sardana presented an lecture on “Antibiotic Resistance in Acne” at Dermacon 2013 at Ahmedabad from 25-27 January 2013.
2. Dr Kabir Sardana presented a lecture on “Management of Urethritis” on 23-24 February 2013 in PG Update, Dept of Dermatology, MAMC, New Delhi.

Dr Krishna Deb Barman

1. Mid year conference of IADVL Delhi, State branch at Intercontinental hotel Nehru place 2012
2. Annual conference of IADVL Delhi, State branch at Intercontinental hotel Nehru place 2012
3. National conferences of IADVL at Ahmedabad , Gujarat 2013
4. As faculty attended in training programs of DSACs.

Dr Vineet Relhan

1. Elected as Treasurer of Nail Society of India.
2. Attended the National Conference of IADVL held at Ahmadabad in Jan 2013.
3. Attended the Mid year and Annual conference of IADVL Delhi branch
4. Organized and delivered a lecture in Post graduate Update in Dermatology held in Feb. 2013 at MAMC.

6. Significant events (Honours to Faculty)

DR Vijay Kumar Garg

- Nominated as Chairman of The MCI Committee constituted by Central IADVL Body
- Member of the Organising Committee of International Conference of Dermatology going to be held in Delhi 4-7 December

7. Representation on expert committees/ bodies

Dr. Vijay K Garg

- Advisor for UPSC
- Advisor for ESI
- Advisor For DNB & UGC
- Director of The Regional STD Centre
- Head of Department Dermatology of University of Delhi
- Member of Guest House Committee MAMC
- Member of The Pollution Committee Constituted by Delhi Government
- Expert for Medicolegal cases in Dermatology at DMC
- Chairman of Surgical gauze approval committee, Lok Nayak Hospital New Delhi
- Nodal Officer MAMC, Training of Medical Officers of Madhya Pradesh
- Expert assessor, Medical council India: UG and PG committee
- Expert Member Library committee, MAMC
- Chairman Condemnation Board, MAMC
- Chairman Syllabus committee for UG and PG curriculum (dermatology) for MCI

Dr. Kabir Sardana, Asst Professor

Member of the committee constituted for surgical dressing items

Member of the committee for the Technical evaluation (Group 9 C) Surgical dressing

Member of Library Advisory Committee

Department representative for NABH accreditation

8. Health services to the community

The department actively participated in the Pulse Polio Programme, NACO STD project, HIV Fellowship Programme.

ENT

1. FACULTY

Dr Anoop Raj	- Director Professor and head
Dr A K Agarwal	- Director Professor of Excellence and Ex Dean
Dr Achal Gulati	- Director Professor
Dr J C Passey	- Director Professor
Dr P K Rathore	- Director Professor
Dr Ishwar Singh	- Professor
Dr Shelly Chadha	- Professor on WHO deputation to Geneva
Dr Ravi Meher	- Associate Professor
Dr Vikas Malhotra	- Associate Professor

Dr Anoop Raj

Research Schemes

- Study of the videostroboscopic changes and voice analysis in professional voice users and comparison with normal subjects
- To study the role of computed tomography scan in detection of lymph node metastasis in a clinically n0 neck in head and neck cancers
- Association of sequence variations in DNA repair and cell cycle genes with head and neck cancer in north India population.

Publication

- Singh AP, Kumar V, Narula V, Meher R, Raj A. Bilateral first and second arch anomalies: a rare presentation. Singapore Med J. 2012 Apr; 53(4):e74-6.

Conferences and workshop attended

1. 35th Annual Conference of Delhi Chapter of AOI, 28th and 29 April 2012.
2. 25th Annual Conference of All India Rhinology Society, RHINOCON 2012 on 16th to 18th Nov 2012

MCI inspector for menay medical colleges

MBBS Examiner 2012

1. Delhi University
2. J & K University

Voluntary services - Attended ear surgery camp in LIFE LINE EXPRESS (of Impact India foundation) at Bioara (Madhya Pradesh) in Jan 2012.

Dr Achal Gulati

1. Research Schemes:

- a. Identifying pathways mediating OSA and obesity in collaboration with the Department of DST and the University of Padua, Italy
- b. Universal screening for neonates: in collaboration with the ICMR

2. Trainees from other agencies
3. Training courses/ Conferences / organized
4. **PUBLICATIONS:**
 - a. The Role of Current Audiological Tests in the Early Diagnosis of Hearing Impairment in Infant; Indian Journal of Otolaryngology and Head & Neck Surgery, August 2012, pp. 1-7, doi:10.1007/s12070-012-0558-x by Seikholet Kuki, Shelly Chadha, Shruti Dhingra, Achal Gulati
 - b. Non food foreign body injuries: Ivo Slapak, Francesco Maria Passali, Achal Gulati, the Susy Safe Working Group; International Journal of Pediatric Otorhinolaryngology, February 2012
 - c. Magnetic FB injuries: An old yet unresolved hazard ; Dario Gregori, Bruno Morra, Achal Gulati; International Journal of Pediatric Otorhinolaryngology February 2012
 - f. The Role of Current Audiological Tests in the Early Diagnosis of Hearing Impairment in Infant, Indian Journal of Otolaryngology and Head & Neck Surgery, August 2012; Seikholet Kuki, Shelly Chadha, Shruti Dhingra, Achal Gulati
5. **BOOKS (WRITTEN/ EDITED) / CHAPTERS CONTRIBUTED:**
 - a. Invited as editor for producing 9 teaching Modules for UG's by Elsevier publications
6. **CONFERENCE/ WORKSHOPS/ SYMPOSIA ATTENDED/ PAPER PRESENTATION (NATIONAL/ INTERNATIONAL)**
 1. Attended the International Rhinologic Society meeting at Tokyo and presented:
 - A. Invited talk on Fungal sinusitis
 - B. Invited panelist on "Sinus issues"
 2. World Allergy Organisation and Asthma Congress : invited as
 - A. A panelist on "Concepts of Allergy management"
 - B. Judge for the Poster Session
 3. Attended the AOI Conference at Pune and conducted the Annual Quiz
 4. Annual conference of All India Rhinology Society, Delhi
7. **SIGNIFICANT EVENT (HONORS OF FACULTY)**
 1. Invited to be a founder invited corresponding member of the Società Italiana di Rinologia, Italy
 2. Elected as the "President Elect" of All India Rhinology Society.
 3. Awarded the " Time Research Media Healthcare Excellence Awards 2012"
8. **FELLOWSHIPS:**

Fellow of International Medical science Academy.

Dr Ishwar Singh

1. Training courses/ Conferences / organized . I was organizing secretary of Delhi AOI in April 2012 at India Habitat centre New Delhi
2. Books (Written/ Edited) / Chapters contributed. Two chapters in Recent Management of Problems in Otolaryngology published by CBS Publishers. First chapter is on Carcinoma

Thyroid. Second is on Carcinoma of Hypopharynx.

3. Conference/ Workshops/ Symposia attended/ Paper presentation (National/ International)
 - a) I was on the panel of conservation management of carcinoma larynx. At Delhi AOI.
 - b) I chaired a session on Carcinoma a Larynx at Max Hospital Patpar Ganj
4. I chaired a session on Carcinoma of Thyroid at Rajiv Gandhi cancer Hospital Rohini.
5. Community services Attended a Life line camp at Ashok Nagar in April 2012
6. Joined MBA course(part time) in Faculty of management studies

Dr Ravi Meher

Research

Co supervisor in thesis

1. LASER DCR in pediatric patient
2. Comparison of external DCR with LASER DCR in adult patients.
3. Study of the videostroboscopic changes and voice analysis in professional voice users and comparison with normal subjects
4. To study the role of computed tomography scan in detection of lymph node metastasis in a clinically n0 neck in head and neck cancers

Publications

1. Singh AP, Kumar V, Khanna D, Narula V, Meher R, Khurana N. Extra pulmonary tuberculosis of the Head and Neck region in pediatric population. Journal of Pediatric Infectious Diseases 2011 (accepted).
 2. Singh AP, Kumar V, Narula V, Meher R, Raj A. Bilateral first and second arch anomalies: a rare presentation. Singapore Med J. 2012 Apr; 53(4):e74-6.
 3. Singh AP, Narula V, Meher R. A new approach to endoscopic DCR. Braz J Otorhinolaryngol. 2012 Oct; 78(5):7-11.
 4. Lipoma in unusual head and neck region-a series of four cases. Accepted for publication in IJPO internet edition.
- Worked as reviewer of many ENT journals

Conferences and workshop attended

1. 35th Annual Conference of Delhi Chapter of AOI, 28th and 29 April 2012.
2. AAO-HNSF 2012 Annual Meeting & OTO EXPO Sep 2013 in Washington, DC, USA. Presented poster on ENDONASAL LASER DCR.

3. 25th Annual Conference of All India Rhinology Society, RHINOCON 2012 on 16th to 18th Nov 2012

Organized

1. As a part of organizing team of the Delhi AOI conference 2012 and editor of Association of Otolaryngologists of India Delhi Chapter.
2. 25th Annual Conference of All India Rhinology Society, RHINOCON 2012 on 16th to 18th Nov 2012

Voluntary services - Attended ear surgery camp in LIFE LINE EXPRESS (of Impact India foundation) at Biaro (Madhya Pradesh) in Jan 2012.

Dr Vikas Malhotra

1. Training courses/ Conferences / organized
 - a. Temporal bone dissection courses at MAMC as faculty
2. Publication
 - b. Associate Editor and Academic Coordinator of Clinical Learning by Elsevier
3. Books (Written/ Edited) / Chapters contributed
 - c. Associate Editor and Academic Coordinator of Clinical Learning by Elsevier
4. Conference/ Workshops/ Symposia attended/ Paper presentation (National/ International)
 - Delhi AOI - Panellist
 - FHNO 2012 Ahmedabad
 - CMEs of Delhi AOI

FORENSIC MEDICINE

Name of the Head of Department: Director Professor Dr. Anil Aggrawal.

1. FACULTY:

S.No.	Name of Faculty	Designation
1	Dr. S. K. Khanna	Director Professor & Director, GB Pant Hospital
2.	Dr. Anil Aggrawal	Director Professor & HOD
3.	Dr. Sreenivas M.	Associate Professor
4.	Dr. Sunil	Associate Professor
5	Dr. Monisha Pradhan	Assistant Professor

2. RESEARCH SCHEME

(a) on going project

- 1) Computed tomography study of symphysis pubis distance in relation with the age in adults. Dr. Manjunatha. Supervisor: Dr. Anil Aggrawal. Co-supervisor: Dr. Satbir Singh (2011 to 2014).
- 2) Sexual dimorphism of mandibular canine by its index. Dr. Harsimran Sekhon. Supervisor: Dr. S. K. Khanna. Co-supervisor: Sangeeta Talwar (2011 to 2014).
- 3) Determination of sex by morphometric study of the sternum at autopsy. Dr. Rajendra Baraw Supervisor: Dr. S. K. Khanna (2011 to 2014).
- 4) Sonographic evaluation of apophysial union of iliac crest in comparison with radiography for age estimation in population of Delhi. Dr. Mohit Chauhan. Supervisor: Dr. Anil Aggrawal. Co-supervisor: Dr. Gaurav Pradhan (2011 to 2014).
- 5) Determination of sex by morphometric method of clavicle. Dr. Suraj Ohal. Supervisor: Dr. Sreenivas. Co-supervisor: Dr. Anil Aggrawal (2012 to 2015).
- 6) Estimation of stature from cranial suture and dimensions at autopsy study. Dr. Mithun Ghosh. Supervisor: Dr. S. K. Khanna. Co-supervisor: Dr. Sreenivas (2012 to 2015).
- 7) Stature estimation from Carrea's index. Dr. Rattan Singh. Supervisor: Dr. Anil Aggrawal. Co-supervisors: Dr. Sunil, Dr. Mahesh Verma (2012 to 2015).

(b) details of the thesis completed during the period

- 1) A gross and histopathological differentiation of skin lesions caused by electrocution, flame burns and abrasions – A post mortem study. Dr. Rishi Solanki. Supervisor: Dr. S. K. Khanna. Co-supervisor: Dr. Shyamalata Jain (2010 to 2013).

- 2) A study of sexual dimorphism of index to ring finger ratio (2D:4D) in Indian population by digital scanning method. Dr. Bhute Ashish Ramesh. Supervisor: Dr. S. K. Khanna (2010 to 2013).
- 3) A postmortem study of upper gastrointestinal lesions in burn cases. Dr. Pawar Anand Vilas. Supervisor: Dr. P. C. Dikshit. Co-supervisors: Dr. Anil Aggrawal, Dr. Shyamalata Jain (2010 to 2013).
- 4) A postmortem study of upper gastrointestinal lesions in burn cases. Dr. Pawar Anand Vilas. Supervisor: Dr. P. C. Dikshit. Co-supervisors: Dr. Anil Aggrawal, Dr. Shyamalata Jain (2010 to 2013).

3. PUBLICATIONS DURING THE PERIOD

1. Pradhan M, Sunil, Sreenivas M, Bhute A, Behera C. Fatal vessel injury in laparotomy – A case report and review of literature. International Journal of Medical Toxicology and Legal Medicine 2012 Dec;14(2).
2. Bhute A, Rani A, Chauhan M, Pradhan M, Behera C. Fatal liver injury in tyre burst: An unusual case report. Journal of Forensic Medicine & Toxicology 2012 Jul-Dec;29(2):100-1.
3. Bodwal J, Chauhan M, Behera C. Fatal strangulating inguinal hernia: A case report and review of literature. Journal of Forensic Medicine and toxicology 2012 jun(30).
4. M Pradhan, A Pawar, S Chand, C Behera. An Unusual Case of Accidental Cyanide Poisoning from Inhalation of Gold Polishing Chemical: A Case Report. J Punjab Acad Forensic Med Toxicol 2012; 12(2): 104-6.
5. M Pradhan, Singh B K, C Behera, G V Garudadhri, Rao S. Histological Changes in the Retina in Methanol Toxicity - A Case Report. Anil Aggrawals Internet Journal of Forensic Medicine and Toxicology 2012.
6. Jatin Bodwal, M Pradhan, Sunil, C Behera. Fatal Isolated Homicidal Anterior Tibial Artery Injury: A case report. Journal of Forensic Medicine & Toxicology. International Journal of Medical Toxicology and Legal Medicine 2012; 14 (2).
7. Singh BK, M Pradhan, A Rani. An Unusual finding in Ante- mortem Partial Hanging: A case report. Indian Journal Forensic Medicine & Toxicology 2012.
8. Behera C, Kulbhushan, G V Garudadhri, M Pradhan, Nita Khurana, P C Dikshit. Fatal nitrobenzene poisoning: Some case reports and medico-legal aspects. Journal of Indian Society of Toxicology 2012; 8(1):23-27.
9. Behera C, G V Garudadhri, Sunil, Kulbhushan, M Pradhan, PC Dikshit. An unusual Fatal Thoracic Impalement Injury in a Road Traffic Accident. JSIMLA 2012; 4 (1):28-31.
10. Rani A, Behera C, Sunil, Dikshit PC. Pattern of Fatal Scald Burns in Central Delhi: A Retrospective Study. Journal of Indian Academy of Forensic Medicine 2012 Oct-Dec;34(4):295-8.

4. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED

1. Dr. S. K. Khanna and Dr. Anil Aggrawal attended 3rd International Conference on Legal Medicine, Medical Negligence and Litigation in Medical Practice & 3rd International Conference on Current Trends in Forensic Sciences, Forensic Medicine and Toxicology organized by Indian Association of Medico-legal Experts held on 3rd to 5th Feb 2012 at Jaipur.
2. Annual conference of International Academy of Medical Science, Jaipur, India, was attended by: - Dr. Jatin Bodwal on 28 – 29 Jan 2012.
3. Biennial International conference of John Jay College Happened at John Jay college of criminal Justice, New York, USA, was attended by Dr. Jaitin Bodwal on 6th to 9th June 2012.

7. REPRESENTATION ON EXPERT COMMITTEE/BODIES

Dr. S. K. Khanna was appointed as

1. first Appellate Authority (Under RTI Act)
2. Chairman, Institutional Animals Ethical Committee.
3. Chairman, Allotment committee for campus accommodation.
4. Chairman, Suspension review committee.
5. Member, committee for prevention of sexual harassment.

All faculty members regularly nominated by the Delhi Govt, CBI and the Crime Branch as chairman/board members in various sensitive cases of postmortem and review boards.

6. LAB DATA

Name of Lab	Mortuary	Clinical Forensic Medicine	Histopathology Lab	Vaginal Smear
Name and number of tests performed	Postmortem examination: 1339	MLC (Referrals): 30 cases	210 Blocks 210 slides	Total cases: 103; 212 slides
Percentage of growth from last year	7%	130 %	16%	112% (slides)

MEDICAL EDUCATION

1. FACULTY

1.	Dr A K Agarwal	Director, Department of Medical Education, and Dean, MAMC.
2.	Dr S Krishna Prakash	Director - Professor of Microbiology and Co-ordinator, Deptt. of Medical Education
3.	Honorary Faculty Members : a) Dr A Kakar Director Professor of Surgery b) Dr R C M Kaza Director Professor of Surgery c) Dr N S Hadke Director Professor of Surgery d) Dr Neelam Vasudeva Director Professor of Anatomy e) Dr M K Daga Director Professor of Medicine f) Dr Nita Khurana Professor of Pathology g) Dr Aarti Sood Mahajan Professor of Physiology h) Dr Jugal Kishore Professor of Community Medicine i) Dr Devendra Mishra Assoc. Professor, Paediatrics j) Dr Sreenivas M. Assoc Professor, Forensic Medicine	

2. TRAINEES FROM OTHER AGENCIES :

- 20 Senior Faculty Members from Delhi underwent training in the 66th NTTC workshop in this Department at this institution for a duration of 10 days.
- 82 Senior Residents from MAMC underwent training (Capsule course on “Educational Science Technology”) at this Department of this Institution for three days.
- 40 Senior Faculty Members from Medical Colleges of Delhi, UP, Haryana, Jharkhand and Assam states underwent training in Two MCI Basic Course Workshops in Medical Education Technologies for a duration of 3 days each.

3. TRAINING COURSES ORGANIZED :

- A. One National Workshop (66th NTTC) on "Educational Science Technology” for Medical Teachers of Delhi region was organized from 19 - 28 March, 2012.
- B. Four Mini-workshops (capsule courses on “Educational Science Technology”) for Senior Residents of MAMC and associated hospitals :
 - 28th Mini-workshop (capsule course) from 30 Jan. – 01 Feb 2012.
 - 29th Mini-workshop (capsule course) from 27 –29 Feb., 2012.
 - 30th Mini-workshop (capsule course) from 31 Oct. – 02 November, 2012.
 - 31st Mini-workshop (capsule course) from 19 –21 December, 2012

- C. One P.G. Orientation Training Programme for 1st Year Post Graduate students (Batch 2012) of MAMC, was organized by the Department of Medical Education on 20 and 21 September, 2012.
- D. The Medical Council of India has identified Maulana Azad Medical College as a Regional Centre for conducting Basic Workshops on Medical Education Technologies. Dr J M Kaul, Director-Professor of Anatomy, is the Convenor of this Workshop. In this connection :
- 6th Workshop on Basic Course in Medical Education Technology for Medical Teachers was organized from 25 – 27 September, 2012 and 14 faculty members from various medical colleges of Delhi, UP and Haryana attended the same.
 - 7th Workshop on Basic Course in Medical Education Technology for Medical Teachers was organized from 06 – 08 November, 2012 and 26 faculty members from various medical colleges of Delhi, UP, Haryana & Assam attended the same.
4. All the faculty members actively participated during all the above workshops organized by the Deptt as mentioned in the column No.6.
5. Significant events (Lecture delivered by the faculty pertaining to Medical Education) :
- Dr S, Krishna Prakash, delivered a guest lecture at Lady Hardinge Medical College in the month of Nov. 2012.
 - Dr N.S. Hadke, delivered a guest lecture at Lady Hardinge Medical College in the month of Nov. 2012.
 - Dr Nita Khurana, delivered a guest lecture at Lady Hardinge Medical College in the month of Nov. 2012.
 - Dr Neelam Vasudeva, delivered a guest lecture at ESI Hospital, Rohini, in the month of Oct. 2012.
- 6. OTHER RELEVANT ACADEMIC INFORMATION :**

Computer Section :

1. Teaching-Learning Resource Materials have been prepared for the workshops: organized by the Deptt as mentioned in the column No.6.
2. The Power Point /LCD projection system has been utilized during all the above workshops organized by the Deptt as mentioned in the column No.6.

MEDICINE

Name of the Head of Deptt. : Dr. Richa Dewan, Director Professor & Head

1. Faculty

S.No.	Name of Faculty	Designation
1	Dr.Richa Dewan	Director Professor & Head
2	Dr.P.Kar	Director Professor
3	Dr.N.Gupta	Director Professor
4	Dr.H.S.Hira	Director Professor
5	Dr.D.P.Bhadoria	Professor
6	Dr.M.K.Daga	Director Professor
7	Dr.Dinesh Dhanwal	Director Professor
8	Dr.R.S.Ahlawat	Professor
9	Dr.Suresh Kumar	Professor
10	Dr.S.Anuradha	Professor
11	Dr.Sandeep Garg	Associate Professor
12	Dr. Sunita Agarwal	Associate Professor
13	Dr.Sanjay Pandit	Assistant Professor
14	Dr.Naresh	Assistant Professor

2. RESEARCH SCHEME

DR. R.Dewan

(a) On going project:

1. Perception of Stigma and Discrimination in women living with HIV/AIDS (ongoing)
2. A study of fertility desires and knowledge and beliefs about HIV pre-exposure prophylaxis (PrEP) among Indian serodiscordant couples (ongoing)

(b) Details of thesis completed during current year

1. Clinical profile, co-morbidities and quality of life in HIV positive transgender patients.
2. A study of dementia in HIV positive subjects and its correlation with clinical staging and CD4 count

Co- supervisor:

1. Clinical profile and etiology of fever of unknown origin (FUO) in HIV positive subjects

3. PUBLICATIONS DURING THE PERIOD:

- 2012: Sanjeev Saini; Usha Krishan Baveja; Preena Bhalla; Hitender Gautam; S Tazeen Pasha; **Richa Dewan**
Resistance-Associated Mutations in HIV-1 among Patients Failing First-Line Antiretroviral Therapy.
Journal of the International Association of Physicians in AIDS Care (Chicago, Ill. : 2002) 2012;11(3):203-9.
- 2012: Arun Kumar Jha; Beena Uppal; Roumi Ghosh; Prabhav Aggarwal; Preena Bhalla; Sanjim Chadha; **Richa Dewan**
Clinical and Microbiological Profile of HIV/AIDS Cases with Diarrhea in North India.
Journal of pathogens 2012;2012():971958.

- Pawanindra Lal; Nitin Leekha; Jagdish Chander; Richa Dewan; Vinod K Ramteke
A prospective nonrandomized comparison of laparoscopic Nissen fundoplication and
laparoscopic Toupet fundoplication in Indian population using detailed objective and subjective
criteria. Journal of minimal access surgery 2012;8(2):39-44. [Skip to Main Content](#)
- S. Anuradha, Anant Joshi, Madhubala Negi, Neeraj Nischal, K. Rajeshwari, Richa Dewan Journal
of the International Association of Physicians in AIDS Care (JIAPAC **January 13, 2012**
1545109711431344 Factors Influencing Adherence to ART: New Insights from a Center
Providing Free ART under the National Program in Delhi, India

4. BOOKS/ CHAPTERS /CONTRIBUTED:

- (a) Contributed a chapter on “Adult vaccination “ in 8th edition of KUMAR AND CLARK’S
CLINICAL MEDICINE, published by ELSEVIER UK.

5. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED:

1. GNCTD/ DSACS programme for launch of financial assistance scheme for PLHIV, Delhi 30 June 2012.
2. State Grievance Redressal Meeting, Delhi Government 17 September 2012
3. National pilot training workshop on “Nutritional care and support for PLHIV”, Delhi, 19-21 September 2012.
4. Delhi State API Annual Meeting, 17, 18 November 2012
5. Meeting of COEs at National AIDS Control Organisation, Delhi, 21,22 December 2012
6. Lipid Association of India Summit-2012, New Delhi, 25th November, 2012- Faculty Chairperson,” Statins in Primary Prevention” **Expert Debate Moderator**
7. Annual Conference of I.A.D.T. 2012, New Delhi, 17th November, 2012- **Faculty Chairperson**
8. Association of Physicians of India Delhi Chapter, XXIII Annual CME 2012, 17th -18th November, 2012-**Faculty**
9. India Association for study of the Liver (INASL), Guahati Medical College, 02nd -04th March, 2012- **Faculty Paper Presentation**
10. XIX International AIDS Conference , 22nd -27th July, 2012, Washington DC, USA, **Paper Presentation “Disclosure Patters and Its Effects on Family Association among HIV infected Widows: A Qualitative Research.”**
11. IACMCON-2012, 20th Annual Conference of Indian Association of Clinical Medicine, 27th -28th Oct, 2012, New Delhi- **Faculty**
12. PCCON-2012, IV Annual Conference ,2nd December , 2012, New Delhi- **Faculty**
13. Indian National Association for Study of the Liver, Nash Conclave : The Indian Scenario, Indian Habitat Centre, 3rd & 4th November, 2012- **Faculty**
14. RSSDI 8th Annual conference, Delhi Chapter Sept.23,2012,New Delhi
15. Delhi Diabetic Forum-CME, Sept.1,2012 Steroid induced Diabetes chairperson
16. Delhi chapter meetings of Indian Society of Gastroenterology

6. REPRESENTATION ON EXPERT COMMITTEE/BODIES:-

1. Appointed to State AIDS Clinical Expert Panel (SACEP) by National AIDS Control Organisation (NACO) Govt. of India, for reviewing and consulting for Second Line ART, and alternate first line ART.
2. Programme Director NACO Center of Excellence (COE) in HIV / AIDS for training and research at MAMC.
3. Director for Project DISHA –ECHO, Telemedicine programme for the online mentoring of ART centers through distance learning.
4. Technical reviewer and resource person for the revision of training curriculum for Medical Officers and Specialists of NACO.
5. Resource person for Medical Officers training and Training of trainers (TOT) for Master trainers of NACO
6. Member of Expert Committee for development of Annual Action plan for Center Of Excellence scheme for NACO
7. Member Expert committee for development of Nutritional Guidelines for PLHIV.
8. Resource person for National level Pilot training workshop on “Nutritional care and support for PLHIV” 19-21 September 2012, Kalavati Saran Hospital, N.Delhi

7. Health Services to the Community:

Resource person for NACO, GOI

Dr.P.Kar

On going project

- i) Complete hepatitis B virus genome analysis in patients of chronic liver disease and asymptomatic carrier from Northern, Southern and Eastern India (funded by UGC)
- ii) Association of HLA IL-18 gene promoter polymorphism with outcome of HBV infection. (funded by ICMR)
- iii) Role of Notch Development pathway in the pathogenesis of pancreatic carcinoma funded by CSIR
- iv) Prospective study of hepatitis B virus infection and its genotype in the North eastern India funded by ICMR

Publications:

1. Sarma MP, Asim M, Medhi S, Bharathi T, Kar P. Hepatitis C virus related hepatocellular carcinoma: a case control study from India. J Med Virol. 2012 Jul;84(7):1009-17.
2. Medhi S, Goswami B, Das AK, Singh TB, Husain SA, Sehgal A, Kar P. New insights into hepatitis C virus infection in the tribal-dominant part of Northeast India Arch Virol. 2012 Nov;157(11):2083-93. doi: 10.1007/s00705-012-1374-z. Epub 2012 Jul 13.
3. Subhash Medhi, Manash P. Sarma, Mohammad Asim, Premashis Kar. Genetic variants of Heat Shock Protein A1L2437 and A1B1267 as possible risk factors for Hepatocellular carcinoma in India has been accepted for Publication in Journal of Viral Hepatitis. J Viral Hepat. 2013 Apr;20(4):e141-7. doi: 10.1111/jvh.12021. Epub 2012 Nov 20

4. Malik A, Singhal DK, Albanyan A, Husain SA, **Kar P**. Hepatitis B virus gene mutations in liver diseases: a report from New Delhi. *PLoS One*. 2012;7(6):e39028. Epub 2012 Jun 14.
5. Borkakoti J, Hazam RK, Mohammad A, Kumar A, **Kar P**. Does high viral load of hepatitis E virus influence the severity and prognosis of acute liver failure during pregnancy? *J Med Virol*. 2013 apr;85(4):620-6. doi: 10.1002/jmv.23508. epub 2012 dec 26.
6. Salam GD, Kumar A, Kar P, Aggarwal S, Husain A, Sharma S. Serum tumor necrosis factor-alpha level in hepatitis E virus-related acute viral hepatitis and fulminant hepatic failure in pregnant women. *Hepatol Res*. 2012 Nov 22. doi: 10.1111/hepr.12028. [Epub ahead of print].
7. Sarma MP, Asim M, Medhi S, Bharathi T, Diwan R, Kar P. Viral genotypes and associated risk factors of hepatocellular carcinoma in India. *Cancer Biol Med*. 2012 Sep;9(3):172-81. doi: 10.7497/j.issn.2095- 3941.2012.03.004.
8. Asim M, Sarma MP, Kar P. Etiological and molecular profile of hepatocellular cancer from India. *Int J Cancer*. 2013 Jul 15;133(2):437-45. doi: 10.1002/ijc.27993. Epub 2013 Feb 13.

Awards:

1. Awarded the 2nd **IACMCON 2010 oration** by the Indian association of clinical Medicine West Bengal Chapter delivered the oration on 23.09.2012.
2. Awarded the **PN. Chuttani Oration** at the 53rd Annual Conference of the Indian Society of Gastroenterology organized by the Indian Society of Gastroenterology, 2012 held at Jaipur, India.
3. Delivered the 2nd National Oration in the memory of Late Professor Brij Mohan Goswami, conferred by Gauhati Medical College alumni Association on 16th March, 2013.
4. Invited as APASL faculty for the single theme meeting on Hepatitis B, organized by Bangladesh Association for the study of Liver 4-6th October 2012.
5. Presented a paper on “New Insights of Hepatitis C virus infection from Tribal dominant part of North East India” at the AASLD meeting, Boston 09th -13th November 2012 funded by UGC.
6. Acted as an academic referee for evaluating scientific papers for publication from the following Journals- Indian Journal of Medical Research, Indian Journal of Gastroenterology, Journal of Medical Virology and Digestive Disease and Sciences
7. Invited as faculty for the ISG/INASL/API conference during the year 2012-2013

Dr. H.S. Hira

5. Research Scheme

On going project:

Serum levels of catalase and superoxide dismutase in patients with obstructive sleep apnea syndrome

Details of thesis completed during current year

To assess Xanthine and hypoxanthine serum level markers of Tissue stress in patients with sleep hypoxic oxidative sleep apnea syndrome

To assess the efficacy of fiberoptic pleuroscopy in patients with undiagnosed exudative pleural effusion

Trainees from other agencies:

S.No.	Name of the trainees	Sponsoring agency	Period of Training
1	Dr. S R Sarma	ONGC	July 2012
2.	Dr Abha Singh	Northern railway	October 2012

Publications during the period:

1. Hira HS. Obstructive Sleep Apnea-hypopnea Syndrome-A Developing Countries Perspective. In Jindal SK, et al eds. Handbook of Pulmonary and Critical Care Medicine. Jaypee Brothers Medical Publishers (P) Ltd. New Delhi, London 2012: 570-577.
2. Hira HS, Kaur A, Shukla A. Acute neuromuscular weakness associated with dengue infection. Journal of Neurosciences in Rural Practice 2012;3:36-39.
3. Shukla A, Kaur A, Hira HS. Pregnancy Induced Haemophagocytic Syndrome. Journal of Obstetrics and Gynecology India; DOI 10.1007/s13224.011.0073-o
4. Shukla A, Kaur A, Hira HS. Pregnancy Induced Haemophagocytic Syndrome. Journal of Obstetrics and Gynecology India 2012; 62 (April):

Books/ Chapters /Contributed:

Hira HS. Obstructive Sleep Apnea-hypopnea Syndrome. In Jindal SK, et al eds. Textbook of Pulmonary and Critical Care Medicine. Jaypee Brothers Medical Publishers (P) Ltd. New Delhi, London 2012: 1580-1592.

Conferences/Workshops/Symposiums attended:

How and when to suspect obstructive sleep apnea syndrome on at NAPCON-2012

Interpretation of Arterial Blood Gases on 17.12.2012 at Medicine Update-2012 at MAM College

Representation on expert Committee/Bodies:-

- a) Dr H S Hira was nominated as Member of Board of Governors of National Institute of Pharmaceutical Education and Research (NIPER).
- b) Dr H S Hira was nominated as Chairperson of Ministry of Information and Technology, Government of India of steering committee on project for design and development of respiratory devices
- c) Member of board of specialty of Pulmonary Medicine of Medical Council of India
- d) Elected president of respiratory and sleep care foundation of India.

Health Services to the Community:

Smoking cessation programme

Lab Data:-

- a) Name of the Lab: **Respiratory Laboratory**
- b) Name and no. of the test perform

Name of Test	Numbers
Spirometry	2764
Special Spirometry	63
Fiberoptic Bronchoscopy	257
Pleural Tapping	86
Arterial Blood Gases	14569
Serum Electrolytes	4099
Match Testing	392
Polysomnography	102

Dr. M.K.Daga

Research Schemes:

Details about ongoing projects during the year.

“Biomarkers and tumor necrosis factor Alpha polymorphism –A Relationship with COPD and its progression” (Major Research Project funded by ICMR)

Details about projects completed during the year: -

Details about thesis completed

As Chief Supervisor -

1. To study the correlation of hsCRP ,CURB65 and Pneumonia severity Index score with the severity and outcome in patients with pneumonia
(Dr. Anusha Buchade)
2. To study correlation of homocysteine level with severity of chronic obstructive pulmonary disease and its effect of folic acid supplementation.
(Dr. Harish Saini)

As Co supervisor –

1. Characterization of pulmonary nodules by dynamic contrast enhanced multi detector CT
(Dr. Awnish Kumar)
2. Vitamin D binding protein variants and serum vitamin D3 Levels in Chronic Obstructive Pulmonary Disease. **(Dr. K. Maheswari)**
3. A study of cardiovascular and Adrenocortical stress reactivity in children of Hypertensives
(Dr. Suchitra .B)

C. Details about thesis ongoing:

As Chief Supervisor:

- ❖ A study of prothrombotic markers in patients of chronic obstructive pulmonary disease and its correlation with acute exacerbation.
(Dr. Soumya Jagannath Mahapatra)
- ❖ Effect of Vitamin D Supplementation on pulmonary function in chronic obstructive pulmonary disease
(Dr. Anupam Kumar Singh)

As Co supervisor:

1. Assessment of Diagnostic flexible fiberoptic pleuroscopy in patients with pleural effusion of undiagnosed etiology
(Dr. Kanav Kaushal)
2. Determination of plasma levels of xanthine and hypoxanthine in patients with obstructive sleep apnea syndrome
(Dr. Priyanka Samal)

3. A Socio-epidemiological study of overweight and obesity among adolescents in schools of Delhi
(Dr. Rajeev T.C)
4. A Socio- Epidemiological study of Diabetes and hypertension among adults 20 yrs. And above in urban slums of Delhi
(Dr. Ritish Bansal)

Trainees from other agencies

1. PGDGM- from IGNOU- ten trainees for Diploma in Geriatric Medicine
(From March to September 2011(Six Months)
2. HIV Fellowship -from department of community Medicine MAMC, 10-12 Trainees for period of 03 -06 months)
3. Honorary faculty for medical teacher training at NTTTC, MAMC.
4. Trainees doing Fellowship in occupational & Environmental Medicine

Training courses/ Conferences/ Workshops organized :

1. Took a training session on the topic “on” **Respiratory Occupational Diseases** at centre for occupational and environmental Health, Maulana Azad Medical College, New Delhi, on 26th December 2012.
2. Took a training session the topic “on” **“Bridging the Gap- Reporting to monitoring** at advanced pharmacovigilance seminar organized by Pharmacology Department, MAM College, New Delhi in collaboration with Indian Pharmacological Society on 22nd November 2012

Publications of research papers in indexed journals during the period

1. Banerjee S, Prakash SK, **Daga MK**, Kumar R, Das A, Kaur R. *A study of microbial aetiology of catheter-associated urinary tract infection in intensive care unit and medical wards from a tertiary care teaching hospital in New Delhi, India. Clinical Microbiology and Infection.* Poster Sessions. 2012; 18: 272. doi: 10.1111/j.1469-0691.2012.038
2. Banerjee S, Prakash SK, **Daga MK**, Kumar R, Das A, Kaur R. *A study of antimicrobial resistance of bacterial isolates from catheter-associated urinary tract infection in intensive care unit and medical wards of a tertiary care teaching hospital in Delhi, India. Clinical Microbiology and Infection.* Poster Sessions. 2012; 18: 416. doi: 10.1111/j.1469-0691.2012.038
3. N. A. Khan, **M. K. Daga**, N. L. Kamble, N. Kumar, G. Mawari, S. A. Husain. *Tumor Necrosis Factor Alpha Haplotype 863C/A is associated with Chronic Obstructive Pulmonary Disease Risk and Systemic Inflammation. A Case - Control Study from India. American Journal of Respiratory and Critical Care Medicine. A60 COPD: OMICS; 185; 2012:A1936*
4. Ankur Garg, Mongjam Meghachandra Singh, Vimal Kishore Gupta, Suneela Garg, Mradul Kumar Daga, and Renuka Saha: *Prevalence and correlates of tobacco smoking, awareness of hazards, and quitting behavior among persons aged 30 years or above in a resettlement colony of Delhi, India ; Lung India.* 2012 Oct-Dec; 29(4): 336–340.
5. Kamble NL, Khan NA, Kumar N, Nayak HK, **Daga MK**. *A study of gastro-oesophageal reflux disease (GORD) in patients with mild to moderate COPD in India.* Respiriology. 2012 Oct 15. doi: 10.1111/j.1440-1843.2012.02285.x.

Books (Written /Edited)/ Chapters contributed

- ❖ **M.K.Daga; Acute Breathlessness; Davidson’s 100 Clinical Cases (Elsevier), Second Edition; (94-96) 2012.**

- ❖ **M.K.Daga**, Rakshit Kumar; *Clostrisial Infections*; **API Textbook of Medicine (1102-1106)**, 2012.

Conferences/ Workshops/ Symposia attended/ Paper presentation national/ international)

- ❖ Attended conference on Sustainable development through practicing occupational and environmental Medicine organized by centre for occupational and environmental Health, Maulana Azad Medical College, New Delhi, from 16-17 July 2012.
- ❖ Attended 14th Annual conference of American college of chest physicians (CHEST 2012) held at Atlanta, Georgia, USA from 20-25 October 2012.
- ❖ National conference of National College of Chest Physicians and Indian Chest Society (NAPCON) from 17th -20 November, Bhubaneswar, Orissa.
- ❖ Attended advanced pharmacovigilance seminar organized by Pharmacology Department, MAM College, New Delhi in collaboration with Indian Pharmacological Society on 22nd November 2012.
- ❖ Attended SUMMIT -2012, 26th November 2012, at Hotel Le Meridian, organized by Lipid Association of India at New Delhi, India.
- ❖ Attended Update in pulmonary, critical care and sleep medicine (AIIMS PULMOCRIT- 2012) at All India Institute of Medical Sciences (AIIMS), New Delhi from 15th -16th December 2012.
- ❖ Attended course on Associate Fellow of Industrial Health conducted by centre for occupational and environmental Health, Maulana Azad Medical College, New Delhi, from 26 December 2012.
- ❖ Attended conference on Medicine Update cum Geriatric workshop organized by Department of Medicine, Maulana Azad Medical College, New Delhi, from 1-2 March 2013.

Significant events

Significant events (Honors to Faculty): -

- a. Invited as a guest faculty and delivered a lecture on” **Non Communicable Diseases (COPD)** at centre for occupational and environmental Health, Maulana Azad Medical College, New Delhi, from 16-17 July 2012.
- b. Invited as a guest faculty and delivered a lecture on” **“Bridging the Gap- Reporting to monitoring”** at advanced pharmacovigilance seminar organized by Pharmacology Department, MAM College, New Delhi in collaboration with Indian Pharmacological Society on 22nd November 2012
- c. Invited as a guest faculty and delivered a lecture on” **LDL VS. NON HDL cholesterol”** at SUMMIT -2012, 26th November 2012, at Hotel Le Meridian organized by Lipid Association of India, New Delhi.
- d. Invited as a guest faculty and delivered a lecture on” **Prevention of Exacerbation in COPD”** Update in pulmonary, critical care and sleep medicine (AIIMS PULMOCRIT- 2012) at All India Institute of Medical Sciences (AIIMS), New Delhi from 15th -16th December 2012.
- e. Invited as a guest faculty and delivered a lecture on” **Respiratory Occupational Diseases** at centre for occupational and environmental Health, Maulana Azad Medical College, New Delhi, on 26th December 2012.

Fellowship :-

- a. Awarded Fellowship of American college of Chest Physicians – FCCP

Representation on expert bodies/committee

1. Member of Hospital Drug Formulary Committee.
2. Incharge of coronary care Unit/Cardiac Laboratory.
3. Involved as editor for writing an E – Book on medicine under the Dean MAMC.
4. Awarded Fellowship of American college of Chest Physicians – FCCP
5. Member of Post Graduate Committee appointed by MCI.
6. Member of the expert committee to conduct evidence based study of the likely impact on public health of various levels of atmospheric air pollution constituted by Govt. of NCT, Delhi
7. Faculty of Department of Medical Education involved in Medical Teachers National Training Programme.
8. Counsellor and Faculty for PG Diploma in Geriatric Medicine Course being run by Indira Gandhi National Open University.
9. Faculty for Centre for Occupational & Environmental Health under Govt. of Delhi.
10. Member of the Library Advisory Committee of MAM College
11. Faculty for Fellowship Program in HIV Medicine
12. Member of International Advisory Board of Davidson's Book of Medicine.
13. Editorial board of Current Medical Journal published from Jaipur, Rajasthan.
14. Faculty for Post graduate orientation programme for MAMC.
15. Examiner for MD medicine and DNB medicine.

Health services to the community:

1. Organized a health Check up camp for the poor and underprivileged school children at **Nai Disha**, Vasant kunj, New Delhi on 22nd April 2012.

Lab Data:

- a) Name of the Lab: ECG/ECHO/TMT /LAB
- b) Name and no of the test performed:
ECG: 86,380 Tests
ECHO: 1276 Tests
TMT: 42 Tests

Dr. D.P Bhadoria**Research****Thesis Completed*****As chief supervisor***

1. Isolation of specific proteome in patients of allergic broncopulmonary aspergillosis (ABPA)
2. Clinicoradiological characterisation of bronchiectasis patients in India

As co-supervisor

Pulmonary functions in first degree relatives of asthmatic patients

Publications

1. **Bhadoria DP**, Dutta K, Pneumococcal infections, Textbook of Association of Physicians of India, 2012. Ed. Munjal et al.

2. **Bhadoria DP**, Kumar FM, Bhadoria K, Kumar R, singh B, Kumar M, Dutta K, Bhadoria P, Sharma GL Novel allergenic proteins of aspergillus fumigatus. Am. J. Respir. Crit. Care Med. 2012; 185: A4303.
3. Bhadoria P, Dutta K, Bhadoria K, Kumar M, , Kumar FM, **Bhadoria DP**, Sharma GL. Correlation Of Systemic Blood Pressure In Chronic Obstructive Pulmonary Disease With Serum Malondialdehyde Level. Am. J. Respir. Crit. Care Med. 2012; 185: A1297.
4. Singh B, Sharma GL, Singh S, Reichard U, Ollerich M, **Bhadoria DP**, Asif, AR "Aspergillosis: A Major Challenge For Public Health" PP 191-208. Martin Kappas, Uwe Groß, Dermot Kelleher (Eds.). In Göttingen International Health Network (GIHN) (http://webdoc.sub.gwdg.de/univerlag/2012/Kappas_GlobalHealth.pdf), 2012.
5. Kumar M, **Bhadoria DP**, Dutta K, Kumar F M, Singh B, Singh S, Chhillar AK , Behera D, Sharma GL. "α1 AT and TIMP-1 Gene Polymorphism in the Development of Asthma," Comparative and Functional Genomics, vol. 2012, Article ID 968267, 10 pages, 2012.

Research Papers Presented

In American Thoracic Society International Conference 18-23 May 2012, San Francisco Colorado, USA.

1. **Bhadoria DP**, Kumar FM, Bhadoria K, Kumar R, singh B, Kumar M, Dutta K, Bhadoria P, Sharma GL Novel allergenic proteins of aspergillus fumigatus. Am. J. Respir. Crit. Care Med. 2012; 185: A4303.
2. Bhadoria P, Dutta K, Bhadoria K, Kumar M, , Kumar FM, **Bhadoria DP**, Sharma GL. Correlation Of Systemic Blood Pressure In Chronic Obstructive Pulmonary Disease With Serum Malondialdehyde Level. Am. J. Respir. Crit. Care Med. 2012; 185: A1297.

Conferences Attended

American Thoracic Society International Conference 18-23 May 2012, San Francisco, USA.

14th National Conference of National College of Chest and Indian Chest Society and (NAPCON 2012), 17-20 Nov 2012, Bhubaneswar.

2nd World Allergy Organization (WAO) International Scientific Conference (WISC 2012), 5-10 December 2012, Hyderabad, India.

Medicine Update by department of medicine MAMC New Delhi 110002, March 2013.

Others

External Examiner for setting up of DNB medicine paper of National Board of Examination, New Delhi, 2012.

Delivered a Lecture on, idiopathic pulmonary Fibrosis, in Teleconference of IGNOU and National Board of Examination, 2012.

Dr. Suresh Kumar

Conference attended:

INSAL Conference (Hyderabad)
Rheumatology update
Diabetic update
Medicine update

Fellowship and International guest Lecture :

Under Scientific Exchange Programme Dr. Suresh Kumar
Visited University of Mauritius for 3 weeks and delivered
four Lectures.

Thesis Completed:

Study of Cardio myopathy in cirrhosis (DR. Neha Kapoor)
Co-guide for 4PG thesis.

Expert Faculty:

For UGC, MCI, UPSC, Himachal Public Service Commission
Skims (Sri Nagar J&K)

PG (MD) Examiner:

Invited for MD Exams at B.J. Medical College Ahmedabad
MD Examiner of Rajasthan University, Jaipur
MBBS Examiner at AIIMS

Core Faculty:

For HIV, Fellowship
Geriatric Medicine (IGNOU)

Dr. S. Anuradha

Research Scheme:

Theses (completed)

Supervisor:

Clinical profile and etiology of fever of unknown origin (FUO) in HIV positive subjects.

Co- supervisor:

1. Clinical profile, co-morbidities and quality of life in HIV positive transgender patients.
2. A study of dementia in HIV positive subjects and its correlation with clinical staging and CD4 count.

Theses (ongoing)

Supervisor:

Clinical spectrum and outcome of Cryptococcal meningitis in HIV infected subjects.

Co Supervisor:

1. Nutritional status and Quality of Life in women living with HIV / AIDS
2. Clinical, immunological and microbiological profile of PLHIV with oropharyngeal candidiasis.
3. Clinico-microbiological study of cryptococcosis.
4. A study of the clinical spectrum of HIV associated renal diseases.

Research:

1. Perception of Stigma and Discrimination in women living with HIV/AIDS (ongoing)
2. A study of fertility desires and knowledge and beliefs about HIV pre-exposure prophylaxis (PrEP) among Indian serodiscordant couples (ongoing)

Training course/ conference / workshops organised

As part of Center of Excellence in HIV / AIDS organized:

1. Conducted telemedicine sessions for ART centers on all Fridays.
2. Training programme for ART center pharmacists, 22-25 March 2012.
3. Induction training workshop for COE staff with I Tech, March 15 2012
4. Workshop for assignments and examinations for PGDHIV programme for IGNOU 21 March 2012
5. NACO ART review meeting of ART centers – 3 and 4th April 2012.
6. Coordinated visit of World Bank team to ART center and COE on 7 June 2012.
7. ART Induction training programme for ARTC Medical Officers, 27 August to 8 September 2012.
8. Induction training workshop for ART plus center, District Hospital, Dehradun, 12 September 2012.
9. Training of trainers (TOT) workshop on M& E tools of NACP- 13 and 14 September 2012.
10. Meeting for Streamlining of services for HIV infected pregnant women and linking PPTCT, ICTC and ART Services for DSACS, 26 October 2012.
11. Induction meeting for the PGDHIVM course of IGNOU, 2 November 2012.
12. PGDHIVM first spell and contact programme 5 – 10 November 2012.

8 and 9 Publications and Chapters contributed to books:

1. **S.Anuradha**. Clinical manifestations of HIV and common Opportunistic infections. Module For the Postgraduate Diploma in HIV Medicine of IGNOU- Unit 9.
2. **S.Anuradha**. Staging of HIV – clinical and immunological- For the Postgraduate Diploma in HIV Medicine of IGNOU- Unit 7.
3. P.Bhalla, Ravinder Kaur and **S.Anuradha**. Management of Opportunistic Fungal Infections in HIV / AIDS patients. In HIV/AIDS in the post HAART Era: Manifestations, Treatment and Epidemiology. Hall JC, Hall BJ and Cockerell CJ (Editors), PMPH USA publishers, 2011, Chapter 21, p 481-521
4. **S. Anuradha**, Anant Joshi, Madhubala Negi, Neeraj Nischal, K. Rajeshwari and Richa Dewan. Factors Influencing Adherence to ART: New Insights from a Center Providing Free ART under the National Program in Delhi, India. Journal of the International Association of Physicians in AIDS Care (JIAPAC 1545109711431344, January 13, 2012, doi: 10.1177/1545109711431344
5. **S. Anuradha**, Tarun Monga, Rupinder Kochhar, Neha Jain, Madhubala Negi, Richa Dewan. Loss of self identity amidst social issues among HIV positive widows. **Presented at the XIX AIDS conference, Washington D.C, USA, 22-27 July 2012.**
6. Richa Dewan, Tarun Monga, P.Goyal, Neeraj Nischal, Prayas Sethi and **S. Anuradha**. Disclosure patterns and its effects on family associations among HIV infected widows. **Presented at the XIX AIDS conference, Washington D.C, USA, 22-27 July 2012.**
7. **S.Anuradha**. Clinical manifestations of HIV and common Opportunistic infections. Unit 9 Block 3 MCMM-001-Basics of HIV Infection .Postgraduate Diploma in HIV Medicine of IGNOU, 2012, p 41-49.
8. **S.Anuradha**. Approach to Opportunistic Infections. Unit 1 Block 1 MCMM -003 System Involvement in HIV and STI. Postgraduate Diploma in HIV Medicine of IGNOU, 2012, p 5-16.

9. Sanjim Chadha, P Bhalla, AK Jha, H Gautam, S Saini, **S.Anuradha** and R Dewan. Disease progression and antiretroviral therapy in newly seropositive HIV subjects in a tertiary care hospital in North India. J infect Dev Ctries 2013; 7(2): 110-115.

Conferences / workshops and symposiums attended:

1. HIV Science 2012 at YRG Care, Chennai, 20-22 January 2012.
2. NACO Dissemination Summit, 25-27 April, 2012, Delhi
3. Meeting of TRG (R&D), NACO, 21 May 2012.
4. GNCTD/ DSACS programme for launch of financial assistance scheme for PLHIV, Delhi 30 June 2012.
5. XIX International AIDS Conference, Washington D.C, USA, 22-27 July, 2012.
6. State Grievance Redressal Meeting, Delhi Government 17 September 2012
7. National pilot training workshop on “Nutritional care and support for PLHIV”, Delhi, 19-21 September 2012.
8. Meeting of Technical Resource Group (PPTCT), Delhi, 16 October 2012.
9. Project review group (PRG) Meeting of Social Behavioural Unit of ICMR for review of protocols 30 October 2012.
10. Workshop of review committee for Certificate in Diabetes care for Community worker (CDCW) programme of IGNOU, 3 November 2012.
11. Meeting of Technical Resource Group (R&D), NACO, 6 and 7th November 2012.
12. Delhi State API Annual Meeting, 17, 18 November 2012
13. Meeting of COEs at National AIDS Control Organisation, Delhi, 21,22 December 2012

Significant events (honours) to Faculty:

Achieved higher medical qualification of “**Masters in Science (MSc) in Infectious Diseases**” of **London School of Hygiene & Tropical Medicine, University of London** in 2012. ***Passed with Distinction***

Awarded the Prof. Martin Taylor Prize by the London School of Hygiene and Tropical Medicine.

Appointed as member of the **Technical resource groups** of National AIDS Control Organisation (NACO) on R & D and Antiretroviral treatment (ART). These are apex technical expert bodies formulating policies and guidelines for the whole country for the National AIDS Control Programme.

Appointed as expert for Project Review Committee of the Indian Council of Medical Research (ICMR). The PRG evaluates and assesses all the research projects that are submitted to ICMR.

1. Conducted a Teleconference for IGNOU on “Natural history of HIV infection on 25 February 2012
2. Delivered a talk on “Ethical issues in Clinical Research” at the NACO HIV/AIDS research workshop on 30 March 2012.
3. Delivered a talk on “Ethics in HIV/ AIDS research” for NACO M&E officers, Sarovar Hotel, Delhi, 20 April 2012.
4. Delivered a talk on “Increased access to quality second line services: role of SACEP” at Dissemination Summit of NACO, Delhi, 22-25 April, 2012.
5. Delivered a talk on “Ethics in HIV” at Workshop on Operations Research on management of STIs / RTIs for regional STI centers and research institutes, NIHFW, 11 July 2012.
6. Conducted sessions on “Fever of Unknown origin in HIV” and “ART” in FHM, spells.
7. Conducted a Teleconference for IGNOU on “Clinical staging of HIV infection” on 1 September 2012.

8. Conducted sessions on “NACP-an overview”- 27 August, 2012, “Treatment adherence issues”- 29 August 2012, Neurological manifestations of HIV- 4 September 2012, during MO training programme.
9. Conducted session on “History and examination of an adult PLHIV” for PGDHIVM, 5 November 2012.
10. Delivered a talk on “Antiretroviral treatment” for Induction programme for ICTC counselors, Jamia Milia Islamia, 5 November 2012.
11. Delivered a talk on “Pharmacovigilance and drug interactions- a clinician’s perspective” during the Advanced pharmacovigilance seminar, Delhi, 22 November 2012.

Representation on expert committees / bodies:

9. Appointed to State AIDS Clinical Expert Panel (SACEP) by National AIDS Control Organisation (NACO) Govt. of India, for reviewing and consulting for Second Line ART, and alternate first line ART.
10. Appointed as member of the **Technical resource groups** of National AIDS Control Organisation (NACO) on R & D and Antiretroviral treatment (ART). These are apex technical expert bodies formulating policies and guidelines for the whole country for the National AIDS Control Programme.
11. Appointed as expert for Project Review Committee of the Indian Council of Medical Research (ICMR). The PRG evaluates and assesses all the research projects that are submitted to ICMR.
12. Programme Coordinator for NACO Center of Excellence (COE) in HIV / AIDS for training and research at MAMC.
13. Programme Coordinator for Project DISHA –ECHO, Telemedicine programme in for the online mentoring of ART centers through distance learning.
14. Coordinator of Curriculum Committee for development of Curriculum for Postgraduate Diploma in HIV (PGDHIV) of NACO in collaboration with IGNOU
15. Member of Expert Committee for development of Annual Action plan for Center Of Excellence scheme for NACO
16. Technical expert (ART) for Technical Resource Group for revised PPTCT (Prevention of parent to child transmission of HIV) guidelines and programme roll out.
17. Technical reviewer for ART guidelines and revised M & E guidelines of NACO.
18. Technical reviewer of Nurses ART manual for Indian Nursing Council and NACO.
19. Technical reviewer and resource person for the revision of training curriculum for Medical Officers and Specialists of NACO.
20. Member, Bid Evaluation Report (BER) committee for ARV drugs for NACP.

Health services to community (National programmes)

Contributed to the **National AIDS Control Programme (NACP) of GOI** in capacity of Technical advisor, Master trainer and facilitator in the clinical, trainings and research activities of the programme.

Dr.Sandeep Garg

- 1) Research Scheme
 - a) As- Co investigator
- 1) As co-investigator in study to evaluate cardiovascular outcomes following treatment with Algloliptin in addition to standard of care in subjects with type II diabetes and acute coronary syndrome.

2) As a co- investigator in Indian Heart Rhythm Society (IHRS) Registry of Atrial Fibrillation

b) As Co- supervisor

- 1) For PG thesis on Assessment of nutritional parameters relating to musculoskeletal health in person with hemophilia and its association with musculoskeletal morbidity.
- 2) For PhD thesis on correlation of Vit. D with cardiovascular diseases in Type II diabetes mellitus.
- 3) For PG thesis on diagnosis of pulmonary tuberculosis and rifampicin resistance in people living with HIV/ AIDS using cartridge based nucleic acid amplification test (CBNAAT)
- 4) For PG thesis on clinical correlates of Hepatitis B or Hepatitis co-infections in people living with HIV/AIDS.

Conferences Attended

- Attended World Hemophilia day on 13th April 2012 held at auditorium MAMC.
- Attended Thyroid day celebrated on 25th May 2012 at MAMC auditorium.
- Attended a conference on “controversies in Obesity and diabetes at Rohini on 14-15th July 2012.
- Attended Symposium on Osteoporosis in Lecture hall on 27th July 2012 at MAMC.
- Attended a conference on Best of ACC (American College of cardiology Foundation)-cardiology Medicine on 25-26th Aug 2012.
- Attended Delhi chapter of Research society for the studies of diabetes in India on 23rd Sept. 2012 in Delhi.
- Attended and presented a paper in International conference on Obesity and weight management held at Philadelphia USA. from 2-5th December 2012.
- Attended 32nd annual convention of Indian association for cancer research and international symposium on infection and cancer from 13th to 16th Feb. 2012 at University of Delhi.
- Attended a workshop on implementation of research project proposal on 21st Feb 2012 held at MAMC, New Delhi.

Publications

- 1) Elsevier e- modules “MBBS Consult” on medical procedures
- 2) Bhandari G, Garg M, Garg S. Effect of different methods of weight reduction on nutritional status of young adult women. Jr. Obes Wt. loss Therapy 2012, vol 2: (9); p-61.
- 3) Kutiyal A, Gupta N, Garg S. Effect of antitubercular therapy on haemostasis including coagulation factor VIII in patients with tuberculosis. Indian journal of hematology and blood transfusion. Vol. 28(4) Oct-Dec 2012; p-222.
- 4) Nayak HK, Kamble NL, Raizada N, Garg S, Daga MK. Acute pancreatitis complicating acute hepatitis E virus infection: A case report and review. Case reports in Hepatology. Vol 2013. article id 531235, p-3. <http://dx.doi.org/10.1155/2013/531235>.

Dr. Sunita Agarwal

Conferences attended :

- Haemophilia Day on 12 April ,2012 in MAMC
- World Thyroid Day on 25 th May in Delhi Secretariat
- Controversies in obesity , diabetes and endocrinology in CROWN PLAZA Rohini, 14-15 th July
- Osteoporosis symposium on 27 th July in MAMC

- Annual meet of American college of cardiology foundation on 25-26 th August 2011 in New Delhi
- RSSDI- Chapter annual meet on sept 23 rd in New Delhi ,hotel Le-Meridian
- PC-CON – conference in Ghaziabad on 1-2 December 2012..I chaired the session of pancytopenia- a rational approach

Paper published with details of authors/titles :

- 1) I am a member of authors team for e- modules M.B.B.S consult by Elsevier group
- 2) **Aggarwal S.** Reversible pure cell aplasia in pregnancy. A therapeutic challenge. The journal of obstetrics and gynecology of India published online in April 2012.
- 3) Poster in Hematocon in Odisha in Nov 2012 Poster in Haematocon 2012. Clinical and haemostatic profile in suspected female haemophilia- A carriers. Kate S, Saxena A, **Aggarwal S**, Gupta N
- 4) Poster in Indian society of nephrology conference 2012 held at Ahmedabad.
Does genetic variability account for accelerated Chronic Kidney Disease among Hypertensive: A Case-control Study. Dr. N.P.Singh , Taposh Sarkar, Anish Kumar, Dr. **S.Aggarwal**, Dr.S.K.Polipalli

Co-supervisor in Post-graduate thesis.

- (1) Analyse and compare outcome in patients of hip fractures receiving high and conventional doses of vitamin D- Dr Shisher
- (2) Study of Haemostatic parameters in Chronic Myeloid leukemia -Dr. Ankur
- (3) The Role of cytokines in the pathogenesis of Dengue fever – Dr. Preeti

Co-investigator

1. International multicentric trial;
A randomised, double-blind, placebo-controlled, parallel group efficacy and safety trial of BI 10773 (10 and 25 mg administered orally once daily) over 76 weeks in patients with type 2 diabetes mellitus and insufficient glycaemic control despite a background therapy of pioglitazone alone or in combination with metformin funded by Boehringer Ingelheim company
2. Trial funded by UGC
Genetic heterogeneity among hypertensive patients with or without chronic kidney diseases

Dr.Naresh

Publications :

1. Hemant Kumar Nayak, Vangipuram Deepak Rajkumar, **Naresh Kumar**, Premashish Kar. Primary Hypertrophic osteoarthropathy (incomplete form) in young adults : a case report and review of literature. **BMJ Case Reports 2012.doi : 10.1136/bcr-2012-007745.**
2. **ABSTRACT:** N A Khan, M K Daga, N L Kmable, **N Kumar**, G Mawri, S A Hussain. Tumor Necrosis Factor Alpha Haplotype 863c/a is associated with Chronic obstructive pulmonary disease risk and systemic inflammation. A case control study from India. **Am J Respir Crit Care 185;2012:A 1936.** Online abstract issue of Poster presentation.

BOOKS/ CHAPTERS /CONTRIBUTED

3. Authored three e-Modules on Ward Procedures (**Pleural tap, Liver biopsy & Lymph node aspiration**) published online by Elsevier for teaching and training of medical undergraduate students.

CONFERENCE ATTENDED:

- Attended 66th National Teacher Training course on Educational science Technology for Medical Teachers (19-28th March 2012).
- Attended a professional development workshop on theme “Publication and you” by Indian Journal of Endocrinology and Metabolism on 3rd March 2012.
- Attended National Oncology Congress 2012 in Delhi on Jan 29, 2012.
- Attended Medicine Update 2012 organized by AIIMS in association with API Delhi chapter on 12th Feb 2012.
- Attended workshop on “How to write a Scientific Paper” on 23rd Feb, 2012, organized by MAMC & LNH.
- Attended ISGCON 2013 at Jaipur organized by Gastroenterological society of India from 28th Nov-1st Dec 2012.

Health services to the community

- Participated in the World Osteoporosis Day and World Diabetic Day Programme, organized by MAMC.

The above facts may be edited as per requirement for the publication of Annual Report

MICROBIOLOGY

Name of Head of Department: Dr Anita Chakravarti.

1. Faculty

S. No.	Name of the Faculty	Designation
1.	Dr. Preena Bhalla	Director Professor and Head of Department till June 2012
2.	Dr. S.Krishna Prakash	Director Professor
3.	Dr. Beena Uppal	Director Professor and Head of the Department from July 2012 to February 2013
4.	Dr. Anita Chakravarti	Director Professor and Head of Department since February 2013
5.	Dr. C.P.Baveja	Director Professor
6.	Dr. Surinder Kumar	Director Professor
7.	Dr. Ravinder Kaur	Director Professor
8.	Dr. Deepti Rawat	Assistant Professor (on Contract basis)
9.	Dr. Sonia Malik	Assistant Professor (on Contract basis)
10.	Dr. Prem Lata Mehndiratta	Research Officer (permanent)

2. Research Schemes:

(a) Details about ongoing/completed projects during the year:

- i. Integrated Counseling and Testing Center (ICTC) under NACO and DSACS. **(Dr. P. Bhalla and Dr. D. Rawat)**. Ongoing
- ii. State Reference Laboratory (SRL) for HIV Testing as part of External Quality Assessment Program, under NACO and DSACS. **(Dr. P.Bhalla and Dr.D.Rawat)**. Ongoing
- iii. “Staphylococcal Phage typing Centre” under Govt. of NCT Delhi: **(Dr. P.Bhalla and Dr.P.L. Mehndiratta)**. Ongoing
- iv. Regional STI Reference, Research and Training Centre laboratory: **(Dr.P.Bhalla and Dr.D.Rawat)**. Ongoing
- v. Developing a neonatal sepsis reference centre / registry and studying molecular epidemiology of bacterial isolates and their antimicrobial resistance pattern.
Principal Investigator: **Dr. S Krishna Prakash**. Co-investigator- **Dr. Surinder Kumar**.
Funding Agency: ICMR. Ongoing.
- vi. Prospective dengue seroprevalence study in 5 to 10 year-old children in India. Principal Investigator: **Dr. Anita Chakravarti**. Funding Agency: Sanofi Pasteur. Ongoing. (2011)
- vii. Use of Capillary Blood Sample Dried on Filter Paper as a new approach for Diagnosis of Dengue Virus Infection.
Principal Investigator: **Dr. Anita Chakravarti**. Under: Delhi Govt. Completed (2012.)
- viii. Association of HLA and IL-18 gene promoter polymorphism with outcome of HBV infection.
Principal Investigator: **Dr. Anita Chakravarti**. Funding Agency: ICMR. Ongoing from 2011.

- ix. Identification of Dengue Virus NS5 protein region responsible for Interleukin-8 transcription and secretion.
Principal Investigator: **Dr. Anita Chakravarti**. Funding Agency: ICMR Ongoing from March 2010.
- x. A study of Interferon sensitivity determining region, PKR binding domain and Internal Ribosome Entry Site in Hepatitis C virus infection.
Principal Investigator: **Dr. Anita Chakravarti**. Funding Agency: UGC. Ongoing from February 2010.
- xi. Role of *Mycoplasma pneumoniae* and *Chlamydomphila pneumoniae* in pediatric community acquired lower respiratory tract infections.
Principal Investigator: **Dr. Surinder Kumar**. Funding Agency: ICMR.
- xii. Comparison of PCR, blood culture and serological tests for the diagnosis of *Salmonella* Typhi associated enteric fever.
Principal Investigator: **Dr. Surinder Kumar**. Funding Agency: Govt. of NCT of Delhi.
- xiii. Fungal opportunistic infections and their correlation to immunological aspects.
Principal Investigator: **Dr R Kaur**. Funding Agency: ICMR. Ongoing
- xiv. Identification of Candida species isolated from HIV/AIDS patients and Antifungal susceptibility pattern.
Principal Investigator: **Dr. R. Kaur**. Funding Agency: Govt. of NCT of Delhi Completed
- xv. Pathogenecity Testing and Molecular Typing of Candida spp. Isolated from HIV/AIDS Patients.
Principal Investigator: **Dr. R. Kaur**. Funding Agency: ICMR. Ongoing
- xvi. Study and Chacterization of Candidiasis in HIV/AIDS patients.
Principal Investigator: **Dr. R. Kaur**. Funding Agency: UGC. Ongoing

b) Details about the thesis completed / ongoing during the year

Dr.P.Bhalla:

Supervisor for–

- Two MD thesis (Completed)
- One MD thesis (Ongoing)

Co- Supervisor for-

- Two MD thesis (Completed)
- Two PhD thesis (Ongoing)

Dr. S. Krishna Prakash

Supervisor for:

- Two MD Thesis (Completed)
- Two MD Thesis (Ongoing)

Co-Supervisor for:

- Three MD Thesis (Completed)
- Nine MD Thesis (Ongoing)

Dr. Beena Uppal

Supervisor for:

- Two MD Thesis (Completed)
- Two MD Thesis (Ongoing)

Co-Supervisor for:

- Six MD Thesis (Completed)
- Four MD Thesis (Ongoing)

Dr. Anita Chakravarti

Supervisor for:

- Two MD Thesis (Completed)
- Two MD Thesis (Ongoing)
- Four PhD Thesis (Ongoing)

Co-Supervisor for:

- Three MD Thesis (Completed)
- Nine MD Thesis (Ongoing)
- One PhD Thesis (Ongoing)

Dr. C.P. Baveja

Supervisor for:

- One MD Thesis (Completed)
- Three MD Thesis (Ongoing)
- One PhD Thesis (Completed)

Co-supervisor for:

- Three MD Thesis (Completed)
- One MD Thesis (Ongoing)

Dr. Surinder Kumar

Supervisor for:

- One MD Thesis (Completed)
- Three MD Thesis (Ongoing)
- One PhD Thesis (Completed)

Dr. Ravinder Kaur

Supervisor for:

- Two MD Thesis (Ongoing)
- One MD Thesis (Completed)
- Two PhD Microbiology Thesis (Ongoing)

Co-supervisor for:

- Two MD Thesis (completed)
- Three MD Thesis (Ongoing)

3. TRAINEES FROM OTHER AGENCIES:

Short term training was given to several students of the following courses from University of Delhi and other universities

- Msc (Microbiology& Biotechnology)
- BSc (Biotechnology and Biomedical sciences)
- B Tech (Biotechnology)
- MLT

4. TRAINING COURSE / CONFERENCES/ WORKSHOPS ORGANIZED:

- Two Workshops on “CD4 - Good Laboratory Practices and Blood Collection” for ART technicians from 21-24th August 2012 (**Dr. P. Bhalla & Dr. Deepti Rawat**)
- Two workshops on “EQAS for HIV Testing” for laboratory technicians from linked HIV testing centers conducted by SRL , MAMC on 29th March 2012 and 29th November 2012 (**Dr.P.Bhalla & Dr. Deepti Rawat**)
- NACO Refresher training for laboratory technicians was conducted from 27th Feb to 2nd March 2012 (**Dr.P.Bhalla & Dr. Deepti Rawat**)
- A Workshop on Phage Typing of Staphylococcus aureus was held from Feb 2nd to 4th 2012 at Staphylococcal Phage Typing Center (**Dr. P Bhalla and Dr. P.L.Mehndiratta**)
- Workshop on “Phage Typing of Staphylococcus aureus” was held for MD students from LHMC, UCMS, VPCI & MAMC in October, 2012. (**Dr. P Bhalla and Dr. P.L.Mehndiratta**)
- Dr. Anita Chakravarti** was Organizing Secretary of CME on “Molecular Techniques in Diagnosis & Management of Hepatitis B & Hepatitis C Viral Infections” in MICROCON 2012, National Conference, November 2012. (**Dr. A. Chakravarti and Dr. S. Malik**)
- Organized PG orientation programme for post graduate students. (**Dr. S Krishna Prakash**)

5. Publications during the period:

- Mehndiratta PL, Bhalla P.** Typing of Methicillin resistant Staphylococcus aureus: A technical review. Ind J Med Microbiol. 2012; 30(1):16-23
- Saini S, Baveja UK, **Bhalla P**, Gautam H, Pasha ST, Dewan R. Resistance- associated mutations in HIV-1 among patients failing first line antiretroviral therapy. J Int Asso Prov AIDS Care 2012; 11(3):203-9
- Jha AK, Chadha S, **Bhalla P**, Saini S. Hepatitis B Infection in Microbiology Laboratory Workers: Prevalence, Vaccination, and Immunity Status’ Hepatitis Research and Treatment Vol. 2012, Article ID 520362, 5 pages doi:10.1155/2012/520362
- Sharma A, Gur R, **Bhalla P**. Study on prevalence of needle stick injury among health care workers in a tertiary care hospital in New Delhi: a two year review. Ind J Pub Health, 2012; 56 (1): 101-3.
- Banerjee S, **Prakash SK**, Daga MK, Kumar R, Das A, **Kaur R**. A study of microbial aetiology of catheter-associated urinary tract infection in intensive care unit and medical wards from a tertiary care teaching hospital in New Delhi, India. Clin Microb Inf. Poster Sessions. 2012; 18: 272. doi: 10.1111/j.1469-0691.2012.038.
- Banerjee S, **Prakash SK**, Daga MK, Kumar R, Das A, **Kaur R**. A study of antimicrobial resistance of bacterial isolates from catheter-associated urinary tract infection in intensive

- care unit and medical wards of a tertiary care teaching hospital in Delhi, India. Clin Microb Inf. Poster Sessions. 2012; 18: 416. doi: 10.1111/j.1469-0691.2012.038.
7. Jha AK, **Uppal B**, Chadha S, **Bhalla P**, Ghosh R, Aggarwal P, Dewan R. Clinical and Microbiological Profile of HIV/AIDS Cases with Diarrhea in North Int J Pathogens. Vol. 2012, Article ID 971958, 7 pages doi:10.1155/2012/971958.
 8. Jha AK, **Uppal B**, **Bhalla P**, Dewan R. Enteropathogens and their response to therapy in ART naive & ART adherent HIV/AIDS adult subjects with diarrhea. Can J Inf Dis Med Microb. 2012 Spring; Vol. 23 Suppl B.
 9. **Uppal B**, Aggarwal P, Ghosh R, Jha AK, **Krishna Prakash S**. Resistant *Escherichia coli* strains circulating in a tertiary-care hospital in New Delhi, India. Crit Care. 2012; 16 (Suppl 3): P82. Published online 2012 November 14. doi: 10.1186/cc11769
 10. **Chakravarti A**, Arora R, Luxemburger C. Fifty years of dengue in India. Trans R Soc Trop Med Hyg. 2012 May;106(5):273-82. doi: 10.1016/j.trstmh.2011.12.007. Epub 2012 Feb 21.
 11. **Chakravarti A**, Dogra G, Verma V, Srivastava AP. HCV genotypes distribution pattern in India Response. Ind J Med Res. 2012; 136(2): 307-8.
 12. **Chakravarti A**, Dogra G, Verma V, Srivastav AP. Author's response. Ind J Med Res 2012 Aug; 307-8.
 13. **Chakravarti A**, Matlani M, Kashyap B, Kumar A. Awareness of changing trends in epidemiology of dengue fever is essential for epidemiological surveillance. Ind J Med Microbiol. 2012 Apr-Jun; 30(2):222-6.
 14. Sharma H, Patil V, Sharma D, Kapre S, Jadhav S, Ravetkar S, Kumar R, Bahl S, Parekh S, **Chakravarti A**. A phase III, randomized controlled study to assess the safety and immunogenicity of a semi-synthetic diphtheria, tetanus and whole-cell pertussis vaccine in Indian infants. Vaccine. 2012 Sep 21;30(43):6157-62. doi:10.1016/j.vaccine.2012.07.068. Epub 2012 Aug 5.
 15. **Baveja CP**, Pattnaik D, Baveja B, Jain AK. Teratogenic viruses. Ind J Path Res and Pract. 2012; Vol I (2): 87-98.
 16. Matlani M, **Kaur R**, Shweta. A case of *Scedosporium prolificans* osteomyelitis in an immunocompetent child, misdiagnosed as tubercular osteomyelitis. Indian J Dermatol 2013;58:80-1. Epub 2012 Dec 31.
 17. **Kaur R**, Goyal R, Singh M, **Bhalla P**, R Kumar. A study of *Candida* biofilms in intensive care patients. Critical Care 2012,16 (Suppl 3) P39.

6. BOOKS/ CHAPTERS / CONTRIBUTED:

Dr. B. Uppal

Review Editor and Author for e-book on Microbiology. Elsevier Publication.

Dr. C.P. Baveja

- Text book of Microbiology 4th Edition has been written by Dr. CP Baveja and published.
- Practical Microbiology for MBBS 3rd Edition has been written by Dr CP Baveja and published.

Dr. Surinder Kumar

- A textbook of Microbiology 1st Edition has been written by Dr. Surinder Kumar and published.

7. Conferences / Workshops/ Symposiums attended:

Dr. P. Bhalla-

- Attended the XXXVI national conference of IAMM MICROCON 2012, held in New Delhi, November, 2012.

Dr. S. Krishna Prakash-

- Attended the XXXVI national conference of IAMM MICROCON 2012, held in New Delhi, November, 2012.
- Co-authored two papers at the ECCMID conference, 1-4 April 2012, at London.
- Co-authored one paper at the CIDSCON held at Chennai, India on August 2012.
- Co-authored one paper at the PG training workshop of ESCMID, Madrid, Spain on 25th to 28th September 2012.
- Co-authored One Paper at the XXXVI national conference of IAMM MICROCON 2012, held in New Delhi, November, 2012.

Dr Beena Uppal

- Attended and presented paper at The International sepsis forum, Sepsis 2012, at Pasteur Institute, Paris, 4-7 November 2012
- Co-authored one paper at the Annual conference of association of medical microbiology & infectious disease, Vancouver, 2012.
- Co-authored two papers at the 3rd ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens in Animals, Humans and the Environment, France, June 2012.
- Co-authored one paper at the 15th annual meeting of the European Society for Clinical Virology at Madrid, Spain (2012), 4th – 7th September 2012
- Dr. B. Uppal was Faculty at the Indian Surveillance workshop on Pneumococci, KIMS, Bangalore September 15-16, 2012.
- Attended and co-authored eight papers at the XXXVI national conference of IAMM MICROCON 2012, held in New Delhi, November, 2012

Dr. A. Chakravarti-

- Co-authored a paper at the 15th annual meeting of the European Society for Clinical Virology, 4th – 7th September 2012, Madrid, Spain.
- Attended and co-authored seven papers at the XXXVI national conference of IAMM MICROCON 2012, held in New Delhi, November, 2012.

Dr. C.P. Baveja

- Attended 15th International Congress on Infectious Diseases at Bangkok, Thailand on 13th June- 16th June 2012.

Dr. Surinder Kumar

- Attended and presented paper at XXXVI national conference of IAMM MICROCON 2012 held in New Delhi, November, 2012

Dr. Ravinder Kaur

- Attended Workshop on Patient Safety and Healthcare Waste Management at D.H.S., Delhi, Jan 2012
- Attended and presented paper in 9th National Conference of Society for Indian Human and Animal Mycologists at Siliguri, Feb 2012
- Attended and presented paper at The International sepsis forum, Sepsis 2012 at Pasteur Institute, Paris, 4-7 November 2012.
- Attended and Co-author in three paper presented at XXXVI national conference of IAMM MICROCON 2012 held in New Delhi, November, 2012.

Dr Deepti Rawat

- Attended a Two day workshop on External Quality Assessment Scheme for HIV testing at NCDC, Delhi from 21st to 22nd February 2012
- Attended a Four day training on “ Laboratory Quality Management and Internal Audit” at CETE, Bangalore from 8th to 11th October 2012
- Attended and the XXXVI national conference of IAMM MICROCON 2012 held in New Delhi, November, 2012

Dr Sonia Malik

- Attended and the XXXVI national conference of IAMM MICROCON 2012 held in New Delhi, November, 2012

Dr P.L. Mehndiratta

- Attended and presented paper at the XXXVI national conference of IAMM MICROCON 2012 held in New Delhi, November, 2012

8. SIGNIFICANT EVENTS (HONOURS TO FACULTY):**Dr. Anita Chakravarti**

- Received IAMM Endowment Oration Award at XXXVI national conference of IAMM MICROCON 2012 on the 23rd November 2012.

9. FELLOWSHIP:**Dr. R Kaur**

Awarded WHO fellowship on ‘Molecular Genetics’ at Department of Biochemistry, Faculty of Medicine at Khon Kaen University, Thailand from 11-24 March 2012.

10. REPRESENTATION ON EXPERT COMMITTEE / BODIES:-

Dr. P. Bhalla

- Member Board of Studies in Microbiology, Banaras Hindu University wef 27-08- 2011 for two years
- Member of Editorial Board of Journal of Communicable Diseases and reviewer of articles published in IJMR
- Member of Technical Committee of NACO
- State and National Resource Faculty for Training of Medical Officers and laboratory technicians in STI/RTI, HIV and ART
- Member of Screening Committee of MAMC for Research Projects to be approved for funding by Govt of NCT of Delhi
- Member of HIV-TB Collaboration Committee, Central District, New Delhi
- Member of State level Standing Committee for “Investigation of Adverse Reactions following Vaccination”.
- Member of Technical Approval Committee for procurement of Equipments costing more than Rs.5 Lac, for Govt of NCT of Delhi

Dr S. Krishna Prakash

- Additional charge as Head of Deptt. of Medical Education and Student Counsellor.

Dr. Beena Uppal

- Head of Research: PG and Post Doc students admitted to MAMC.
- Chairperson of the sexual harassment committee of MAMC.
- Chairperson of the purchase committee of MAMC.
- Chairperson of purchase committee for setting up the Institute of Biliary and Liver Diseases (ILBS) in New Delhi.
- Expert Member of Selection Board for selection of faculty for six new AIIMS, ESI Corporation, ILBS, Govt of MP, Govt of Punjab, Govt of Jharkhand.
- Expert Representative of Ministry of Health & Finance for inspection of Medical Colleges in India.
- Nominated Consultant with UNO for Project Services (UNOPS).
- Faculty for training Doctors and Technicians in “Fellowship in HIV Medicine”.
- Supervisor & reviewer for Ph.D and MD thesis.

Dr. Anita Chakravarti

- Chaired sessions on Current advances in clinical virology at XXXVI national conference of IAMM MICROCON 2012. 23rd November 2012.
- Expert of task force on AES studies ICMR, New Delhi
- Expert committee member of Virology Laboratory Network, ICMR, New Delhi.
- Expert committee member of UGC, New Delhi for evaluating the performance and academic attainments.

- Chairperson of Purchase committee for equipments and imported chemicals for MAMC.
- Member of state level standing committee for “Investigation of adverse reactions following vaccination”, Govt. of NCT, Delhi.
- Member of “Immuno-Biological Diagnostic Kits Sectional Committee, MHD19”, Bureau of Indian Standards.
- Appointed as an expert for the ICMR and UGC project review committee.
- Paper setter and examiner for DNB.
- Examiner for PhD for AIIMS, NICED-Kolkata, PGI Chandigarh, Jadavpur University etc, and for DNB Microbiology at IGMCI, Shimla and M.Sc. Medical Virology for PGIMER, Chandigarh.
- Reviewer for international journals like J Clin Virol, J Med Virol, Arch Virol and Indian journals like IJMR, IJMM.
- Nodal Officer from the department of Microbiology for diagnosis and sero-surveillance laboratory for Dengue.
- Laboratory Assessor for National Accreditation Board for Testing & Calibration Laboratories, New Delhi.
- Expert in the selection committee for Assistant Professor, Associate Professor and Professor for PGIMER, Chandigarh and ILBS.
- Faculty for training Doctors and Technicians in “Fellowship in HIV Medicine”

Dr. C.P. Baveja

- Reviewer for IJMM and Oman Medical Journal
- National advisor for National CME cum Microcon (NW) 2012 held at Govt. Medical College, Amritsar on 6th October 2012.

Dr Ravinder Kaur

- Member of Expert Project Review Committee in ICMR
- Executive member Delhi Chapter IAMM Committee
- Reviewer for articles published in IJPH and IJMM.
- Member Store Verification Committee and Purchase Committee for MAMC.
- Faculty in HIV Fellowship programme.
- Examiner for DNB and MD (Microbiology) at LHMC, Delhi and Wardha, MBBS Examinations of Delhi University, MBBS Examination at Mumbai University, PhD. Microbiology at Chennai and Rajasthan Universities.
- Faculty and Chairperson of session in 9th National Conference of Society for Indian Human and Animal Mycologists at Siliguri, WB, Feb, 2012.
- Chairperson of sessions and expert in XXXVI national conference of IAMM MICROCON 2012 held in New Delhi, November, 2012.

Dr. P.L. Mehndiratta

- Reviewer for articles published in IJMR.
- Reviewer for articles published in Indian Journal of Laboratory Physicians

11. Lab Data:

Laboratory	No. of Tests performed
HIV laboratory	17852
Serology laboratory	18464
Pus seat	5255
Antibiotic Sensitivity Laboratory	11104
Blood and CSF	4107
Urine culture & sensitivity	27603
Diarrhoea laboratory	1958
Parasitology laboratory	5117
Anaerobic laboratory	39
TB laboratory	4261
Mycology laboratory	2058
Virology laboratory	
Serological tests	12460
Advanced Virology (Molecular tests)	1430
Mycoplasma and Chlamydia research laboratory	644
Emergency laboratory	58305
STI laboratory	2312
Staphylococcal phage typing	778
Total No. of Tests	1,73,747

Imp Note: HIV laboratory and Serology and STD laboratory participated in National External Quality Assessment Programmes in HIV Serology, CD4 Count, Syphilis serology and Gonococcal Antimicrobial Susceptibility Programme.

NEONATOLOGY

1. FACULTY

- | | |
|---------------------|---------------------------|
| 1. Dr. S. Ramji | Director-Professor & Head |
| 2. Dr. Manoj Modi | Assistant Professor |
| 3. Dr. Neeraj Gupta | Assistant Professor |

2. RESEARCH SCHEMES :

1. Neonatal Sepsis reference centre and molecular evaluation of bacterial isolates for drug resistance (ICMR Funded multi-site study)
2. Study of cord blood immune markers and Term AGAs and SGAs (DBT funded study)
3. Early aggressive feeding in VLBW infants (<1250g): RCT (Institutional funding)

3. TRAINEES FROM OTHER AGENCIES

Medical Officers and Nurses from Government of Haryana for Facility based newborn training

4. PUBLICATION OF RESEARCH PAPERS IN INDEXED JOURNALS

1. Juneja M, Mohanty M, Jain R, Ramji S. Ages and Stages Questionnaire as a screening tool for developmental delay in Indian children. Indian Pediatr. 2012 ;49(6):457-61. Epub 2011 Oct 30.
2. Tripathi R, Tolia N, Gupta VK, Mala YM, Ramji S, Tyagi S. Screening for gestational diabetes mellitus: a prospective study in a tertiary care institution of North India. J Obstet Gynaecol Res. 2012 ;38(2):351-7. Epub 2011 Dec 19.
3. Kuzawa CW, Hallal PC, Adair L, Bhargava SK, Fall CH, Lee N, et al; COHORTS Group. Birth weight, postnatal weight gain, and adult body composition in five low and middle income countries. Am J Hum Biol. 2012;24(1):5-13. Epub 2011 Nov 28.
4. Tandon N, Fall CH, Osmond C, Sachdev HP, Prabhakaran D, Ramakrishnan L, Dey Biswas SK, Ramji S, et al. Growth from birth to adulthood and peak bone mass and density data from the New Delhi Birth Cohort. Osteoporos Int. 2012 ;23(10):2447-59. Epub 2012 Jan 12.
5. Khalil A, Huffman MD, Prabhakaran D, Osmond C, Fall CH, Tandon N, Lakshmy R, Prabhakaran P, Biswas SK, Ramji S, et al.; On behalf of the New Delhi Birth Cohort. Predictors of carotid intima-media thickness and carotid plaque in young Indian adults: The New Delhi Birth Cohort. Int J Cardiol. 2012. [Epub ahead of print]
6. Saugstad OD, Vento M, Ramji S, Howard D, Soll RF. Neurodevelopmental outcome of infants resuscitated with air or 100% oxygen: a systematic review and meta-analysis. Neonatology. 2012;102(2):98-103. Epub 2012 Jun 5.
7. INCLEN Program Evaluation Network International (IPEN), Lahariya C, Dhawan J, Pandey RM, Chaturvedi S, Deshmukh V, Dasgupta R, Suresh K, Ramji S, Adhish V, et al. Interdistrict variations in child health status and health services utilization: lessons for health sector priority setting and planning from a cross-sectional survey in rural India. Natl Med J India. 2012;25(3):137-41.
8. Gupta N, Ramji S. Bohn's nodules: an under-recognised entity. Arch Dis Child Fetal Neonatal Ed. 2012 Nov 15. [Epub ahead of print]

5. CONFERENCE /WORKSHOP/SYMPOSIA ATTENDED

1. Dr. S. Ramji, Dr. Manoj Modi and Dr. Neeraj Gupta attended the XXXII Annual Conference of NNF at Delhi in November 2012 as faculty.
2. Dr. Neeraj Gupta attended the Research Methods workshop at SGPGI, Lucknow.

6. REPRESENTATION ON EXPERT COMMITTEES/BODIES

- a. Dr. S. Ramji was a member of Scientific advisory group, Department of Biotechnology, Government of India
- b. Dr. S. Ramji was a member of Scientific advisory group, Indian Council of Medical Research
- c. Dr. S. Ramji was a member of Hospital Standards Committee, Bureau of Indian Standards
- d. Dr. Ramji was a member of the Neonatal Action Group of the Ministry of Health and Family Welfare, Government of India

7. HEALTH SERVICES TO THE COMMUNITY

Training Community Health workers (ASHAs) in Home based newborn care under NRHM

8. Any other relevant academic information.

Dr. S. Ramji was Member Secretary of Clinical Epidemiology Unit of MAMC

OBSTETRICS AND GYNAECOLOGY

Name of the Head of Department: **Dr. Swaraj Batra** **Jan-May 2012**
 Dr. Reva Tripathi **Jun-Dec 2012**

1. Faculty

S. No	Name of Faculty	Designation
1	Dr.Usha Manaktala	Director Professor
2	Dr.Reva Tripathi	Director Professor
3	Dr.Sudha Prasad	Director Professor
4	Dr.Anjali Tempe	Director Professor
5	Dr.Gauri Gandhi	Director Professor
6	Dr. Asmita Rathore	Director Professor
7	Dr.Ashok kumar	Professor
8	Dr.Y.M.Mala	Professor
9	Dr.Deepti Goswami	Professor
10	Dr.Sangeeta Gupta	Professor
11	Dr.Latika Sahu	Professor
12	Dr.Krishna Agarwal	Associate Professor
13	Dr. Madhavi Gupta	Associate Professor
14	Dr.Devender Kumar	Associate Professor
15	Dr.Renu Tanwar	Associate Professor
16	Dr.Shakun Tyagi	Assistant Professor
17	Dr.Chandan Dubey	Assistant Professor

2. RESEARCH SCHEME

a) Ongoing Project

S. No.	Title of the Project	Description	Sponsor	Funding Amount (Rs.)
1.	Correlation of Sub-Clinical Genital Tuberculosis among the Women Undergoing In-Vitro-Fertilization Procedures and Fertility Outcome –	Dr.Sudha Prasad	UGC	On going 2009- 2012.
2	Role of cytokines in Hepatitis E virus infection during pregnancy	Dr Ashok Kumar	ICMR	567319 (Project completed in 2012)
3.	Modulation of cytokines production in women with recurrent pregnancy loss	Dr. Ashok Kumar	ICMR	6,84,199
4.	A study of maternal nutrition in hepatitis E during pregnancy and its role in vertical transmission	Dr. Ashok Kumar	ICMR	6,22,328
5.	Maternal and fetal outcomes in pregnant women with vitamin D deficiency	Dr. Ashok Kumar	MAMC	58,800

(b) Thesis completed during current year-(submitted in April 2012)

Sl no	Title of the thesis	Supervisor	Investigator
1	Evaluation of intracervical prostaglandin E2 gel followed by vaginal misoprostol for medical termination of pregnancy between 13-20 weeks of gestation	Dr.Swaraj Batra	Dr. Tanvi
2	A clinico-laboratory study of pregnancy with severe anemia .	Dr. Reva Tripathi	Dr Vertika Verma
3	Comparative evaluation of intravenous iron sucrose and oral iron therapy in preoperative anemia in elective surgery for benign gynecological disorders	Dr. Usha Manaktala	Dr.Poonam Rudingwa
4	“Comparative evaluation of effect of normal saline and lignocaine perturbation during intrauterine insemination cycles in unexplained infertility”	Dr. Sudha Prasad	Dr. Nazia;
5	Screen and treat suspected preinvasive lesion of cervix by cryotherapy.	Dr. Raksha Arora	Dr.Arpana
6	Effect of estradiol valerate and gonadotropins on endometrium in clomiphene citrate stimulated intrauterine insemination cycles.	Dr.Anjali Tempe	Dr.Sweta
7	To assess the accuracy of colposcopic impression for the diagnosis of premalignant and malignant lesions of the cervix.	Dr. Gauri Gandhi	Dr. Shonali
8	“Maternal and fetal outcomes in pregnant women with vit D deficiency”	Dr.Ashok Kumar	Dr. Rakhi;
9	Correlation of Doppler assessment of the aortic isthmus with perinatal outcome in fetuses with intrauterine growth restriction.	Dr.Y.M.Mala	Dr Bhoomika Tantuway.
10	" Study of serum testosterone, dehydroepiandrosterone sulfate and cortisol in women with premature ovarian failure in comparison with normal menstruating and postmenopausal controls. "	Dr. Deepti Goswami	Dr. Priya
11	Predictive value of second trimester uterine artery doppler in pregnant women with low first trimester serum pregnancy associated plasma protein-A.	Dr. Sangeeta Gupta	Dr. Deepti Verma
12	A study to ascertain efficacy of low dose magnesium sulphate in management of eclampsia,	Dr. Latika Sahu	Dr. Shubhra Singh

PhD Supervisor:Dr.Sudha Prasad

1. “The study of Ovarian Interleukins and their mRNA Expression to predict their Role in Successful Implantation in Patients Ongoing IVF & ET Program” – Mr. Yogesh Kumar; as a **PhD Chief Supervisor, ongoing under Delhi university.**
2. Molecular characterization of *Mycobacterium tuberculosis* in endometrium obtained from infertile women undergoing infertility management – Ms Megha Singhal; as a **PhD Chief Supervisor, ongoing under Delhi University.**

3. TRAINING COURSE/CONFERENCES/WORKSHOPS ORGANISED BY DEPT OF OBGY

- CME-cum Video session on “INFERTILITY” on 30th March 2012.
- 15th Practical Course & CME in Obstetrics and Gynecology on 5th to 7th October 2012.organised by all the faculties.Organising Chairperson-Dr.U.Manaktala,Secretary-Dr. Sangeeta Gupta.
- Workshop on Colposcopy on 14th September 2012.
- Indian Menopausal Society conference held on 18th September 2012.
- Workshop on Gynecologic Oncology on 16th November 2012.

4. PUBLICATIONS:

- *Reva Tripathi, Shakun Tyagi, Tejinder Singh, Amrapali Dixit, Manju and Y. M. Mala.* Clinical evaluation of severe anemia in pregnancy with special reference to macrocytic anemia. *J. Obstet. Gynaecol. Res.* Vol. 38, No. 1: 203–207, January 2012;203-7j
- **Sudha Prasad**, Megha Singhal, Sanjay S. Negi, Sunil Gupta c, Supriya Singh, Devendra S. Rawat, Arvind Rai; Targeted detection of 65 kDa heat shock protein gene in endometrial biopsies for reliable diagnosis of genital tuberculosis; *European Journal of Obstetrics & Gynecology and Reproductive Biology* 160 (2012) 215–218.
- Megha Singhal; Renu Tanwar; Ashok Kumar; **Sudha Prasad**; A Rare Case of Tuberculous Pyometra in a Young Infertile Female Confirmed by mRNA-based RT-PCR; *Journal of Family and Reproductive Health*;2012;6(3):139-141.
- Kumar A, Basra M, Begum N, Rani V, **Prasad S**, Lamba AK, Verma M, Agarwal S, Sharma S. Association of maternal periodontal health with adverse pregnancy outcome *J Obstet Gynaecol Res.* 2012 Jul 29. doi: 10.1111/j.1447-0756.2012.01957.x. [Epub ahead of print]
- Shalini C. Khanna; Ashok Kumar;Susan G. Joy; Renu Tanwar; Shashi Sharma; **Sudha Prasad**; Is letrozole superior to clomiphene for ovarian stimulation prior to intrauterine insemination? *Arch Gynecol Obstet* DOI 10.1007/s00404-012-2579-9.
- Megha M. Singhal; Shalini C. Khanna; **Sudha Prasad**; Rare case of multi-drug resistant endometrial tuberculosis unveiled by DNA signature studies of the rpoB, katG and inhA genes; *Eur J Obstet Gynecol Reprod Biol*; 2012. 164 (1):114-115.
- Jassal, Chhindo Devi; Patnaik, Bijay Laxmi; Divya, Aabha; **Prasad Sudha** ,Low-Grade Endometrial Stromal Sarcoma in Young Age: A Clinicopathological Report *The Journal of Obstetrics and Gynecology of India* (2012) 62: 73-75.
- **Sudha Prasad** , Teena Gupta, Aabha Divya; Correlation of the Day 3 FSH/LH Ratio and LH Concentration in Predicting IVF Outcome”.
- Ronitadevi M, **Tempe A**, Intravenous Labetalol versus Nifedipine in the treatment of severe hypertension in Pregnancy,KMJ Vol. 44(4)Dec 2012,287-90.
- **Rathore AM**, Gupta S, Manaktala U, Gupta S, Dubey C, Khan M Uterine tamponade using condom catheter balloon in the management of non-traumatic postpartum hemorrhage. *J Obstet Gynaecol Res.* 2012 Sep;38(9):1162-7. doi: 10.1111 /j 1447-0756.2011.01843.x. Epub 2012 Apr 30
- Gupta N, **Manaktala U**, Rathore AM, Manchanda A ‘Saline contrast hysterosonography in evaluation of perimenopausal abnormal uterine bleeding. *Indian Obstetrics and Gynaecology.* Jul-Sep 2012;3(2):28-31

- **Kumar A**, Devi SG, **Prasad S**, Kapoor S, Sharma S: Bone turnover in preeclampsia-complicated pregnancy in North Indian women. *J Obstet Gynaecol Res*; 2012 Jan;38(1):172-9.
- Salam GD, **Kumar A**, Kar P, Aggarwal S, Husain A, Sharma S. Serum tumor necrosis factor alpha level in HEV related acute viral hepatitis and fulminant hepatic failure in pregnant women. *Hepatology Research* 2012 doi: 10.1111/hepr.12028.
- **Sahu L**, Tempe A, Agarwal A, Angioleiomyoma of uterus *J Obstet gynecol*, 713-14 Oct 2012.
- **Sahu L**, Tempe A, Sharma I, Dubey C, Gupta R, Umbilical endometriosis, a case report *IJGO India*, vol15, no5, 383-85. Sept-oct 2012.
- **Sahu L**, Tempe A, Gupta S, Hysteroscopic evaluation in infertile patients: a prospective study. *Int J Reprod Contracept Obstet Gynecol*. 2012 Dec;1(1):37-41.
- **Agarwal K**, Alfievic Z. Pregnancy loss after chorionic villus sampling and genetic amniocentesis in twin pregnancies: a systematic review. *Ultrasound Obstet Gynecol* 2012 Aug;40(2):128-34.
- **Publications (abstracts)**
- **Rathore AM**, Manaktala U. Factors Associated with inadequate antenatal care in women attending tertiary care hospital for delivery. Book of Abstracts 55th AICOG VARANASI 2012 page no-220.
- Gupta A, **Manaktala U**, Rathore A. Frequency of menopausal symptoms and their impact on the quality of life of women. Book of Abstracts 55th AICOG VARANASI 2012 page no-172.
- Verma D, Gupta S, Garg A, Kapoor S, **Manaktala U**, Role of 2nd trimester uterine artery doppler in prediction of placental complications. Book of Abstract 11TH World Congress and 19th Indian Conference on “ Reproductive and child health” (NARCHI), P-.
- Verma D, Gupta S, Garg A, Kapoor S, **Manaktala U**, Predictive value of 2nd trimester uterine artery doppler in pregnant women with low 1st trimester serum PAPP-A. Book of Abstract Proceedings of 34th Annual Conference of Association of Obstetrics and Gynaecologists of Delhi, 2012.
- Sindhu P, **Manaktala U**. To study the correlation of serum lipid levels in 1st trimester of pregnancy and OGTT. Book of Abstract 11TH World Congress and 19th Indian Conference on “ Reproductive and child health” (NARCHI), P-53-55.
- Bhoomika Tantuway, Y M Mala, **Reva Tripathi**, Shakun Tyagi. Study of abnormal umbilical and ductus venosus doppler in preterm fetal growth restriction; Proceedings of 34th Annual Conference of Association of Obstetrics and Gynaecologists of Delhi, 2012: 69
- Ruchi Prasad, Y M Mala, **Reva Tripathi**. Role of laparoscopy in diagnosis of genital tuberculosis. Proceedings of 34th Annual Conference of Association of Obstetrics and Gynaecologists of Delhi, 2012: 81-2
- Vertika Verma, **Reva Tripathi**, Y M Mala, Tejinder Singh, Smita Kaushik. A clinical- laboratory study of pregnancy with severe anaemia. Proceedings of 34th Annual Conference of Association of Obstetrics and Gynaecologists of Delhi, 2012: 87-8
- Divya Verma, **Reva Tripathi**, Y M Mala, Shakun Tyagi, Nilanchali Singh. Myxedema crisis in labor, a rare presentation; Proceedings of 34th Annual Conference of Association of Obstetrics and Gynaecologists of Delhi, 2012: 97-8.
- Shubhra Singh, **Latika Sahu**, Anjali Tempe, Efficacy of low dose magnesium sulphate in management of eclampsia. 55th AICOG VARANASI 0RMCLJ249: 2012, page no-230.
- Shubhra Singh, **Latika Sahu**, Anjali Tempe, Ruptured Ectopic pregnancy : An unusual presentation of schistosoma haematobium infection . A case report. Book of Abstract 11TH World Congress and 19th Indian Conference on “ Reproductive and child health” (NARCHI), P-22 : 86.
- Shubhra Singh, **Latika Sahu**, Anjali Tempe, A study to ascertain utility of low dose magnesium sulphate in management of eclampsia. 34th Annual Conference of Association of Obstetrics and Gynaecologists of Delhi, 0M-26: 26.

5. BOOKS/ CHAPTERS:

- A Handbook on Preventive care in Obstetrics & Gynecology . Eds. Gupta S,Tanwar R,Manaktala U, 2012. Jaypee Brothers Medical Publishers (P) Ltd, New Delhi; All the faculty of dept have contributed chapters to the book .
- Dr.A.Tempe contributed a chapter in”Manual of Assisted Reproductive techniques and clinical embryology,editor Talwar Pankaj,2012, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi.pp-521-26.

10. CONFERENCES /WORKSHOP/ SYMPOSIUMS ATTENDED:

- XX FIGO WORLD CONGRESS in GYNECOLOGY AND OBSTETRICS held at Rome Italy-7th 12th Oct 2012. attended by Dr. R.Tripathi,Dr.A.Rathore,Dr.Y.M.Mala.,
- ESHRE-International Conference at Istanbul ,attended by Dr.A.Tempe.
- 55th AICOG VARANASI was attended by Dr.U.Manaktala, Dr.A.Tempe, and Dr.Arathore.
- IMSCON,February 17th -19th 2012. Surajkund, Faridabad. attended as faculty by –Dr.Latika Sahu, Dr.D.Kumar.
- 11th World Congress & 19th Indian Conference on Reproductive & Child Health, New Delhi on 14-16th September 2012.attended as faculty by - Dr.R.Tripathy,Dr.U.Manaktala,Dr.S.Prasad,Dr.A.Tempe,Dr.G.Gandhi,Dr.Arathore,Dr.A.Kumar,Dr. Y.M.Mala,Dr.Deepti Goswami,Dr. Sangeeta Gupta,Dr. Latika Sahu,Dr.K.Agarwal.
- 34th Annual Conference of Association of Obstetricians & Gynaecologists of Delhi; November, 2012. DELHI. attended as faculty by - Dr.R.Tripathy,Dr.U.Manaktala,Dr.S.Prasad,Dr.A.Tempe,Dr.G.Gandhi,Dr.Arathore,Dr.A.Kumar,Dr. Y.M.Mala,Dr.Deepti Goswami,Dr. Sangeeta Gupta,Dr. Latika Sahu,Dr.K.agarwal.
- Hands – On IUI workshop on 23rd September 2012 at KJIVF and Laparoscopy centre, New Delhi. attended as faculty by Dr.S.Prasad.
- conference on Fertility & ART on 11th – 12th February 2012 at New Delhi. . attended as faculty by Dr.S.Prasad.
- Workshop on Urogynecology at LHMC,NewDelhi on9th April attended by Dr.U.Manaktala.
- FERTICON – 2012 on 26th August at New Delhi. attended as faculty by Dr.S.Prasad.
- Annual conference North Zone AICC-RCOG, on 2nd September 2012 at New Delhi. attended as faculty by Dr.Usha Manaktala,Dr.S.Prasad,Dr.A.Rathore,
- 4th Infertility Update 2012 on 30th September at IMA Janakpuri, New Delhi. . attended as faculty by Dr.S.Prasad.
- Infertility Con 2012, Lucknow on 28th October 2012. attended as faculty by Dr.S.Prasad.
- World congress – BCGIP and 2nd National conference of fetal medicine, IHC, on 17th November 2012 at New Delhi. attended as faculty by Dr.S.Prasad
- “Fertivision – 2012” on 7th to 9th December 2012 at Jodhpur attended as faculty by Dr.S.Prasad and Dr.A.Tempe.
- North Zone Yuva FOGSI Conference Muzaffarnagar Obstetrics and Gynaecology Society;7th - 9th December, 2012, Muzaffarnagar. JOGI PICSEP Project.attended by **Dr.A. Kumar**
- **FOCUS 2012 –All India PG Training Programme ; 20th – 24th August 2012 . Jubilee Mission Medical College, Thrissur, Kerala. attended by **Dr.A. Kumar****

- **Endolap 2012 on 1st Dec 2012 at MAMC, New Delhi** attended as faculty by - Dr.R.Tripathy, Dr.U.Manaktala, Dr. Y.M.Mala, Dr.Deepti Goswami, Dr. Latika Sahu, Dr.K.Agarwal, Dr.D.Kumar, Dr. C Dubey.
- Workshop of AOGD 2012 on “Safe Endoscopy” at Hotel Lalit, New Delhi, 25th Feb 2012. ATTENDED BY DR. Y.M. MALA.
- Gurgaon Ob Gy meet on 29th July 2012, attended by Dr. A. Tempe, Dr.Deepti Goswami,
- East Delhi Forum of ObGy meet on 18th Aug 2012 was attended by Dr.A.Tempe.
- West Delhi Forum of ObGy meet in Dec 2012 was attended by Dr.A.Tempe.
- East Delhi Oncology meet in November 2012 attended by Dr.A.Tempe.
- Dr.Y.M Mala Participated as faculty in Contact courses I to III in the course of Fellowship in HIV medicine conducted at Maulana Azad Medical College.
- Training Programme in ‘Basic and Advanced Life support Skills’ organized by Clinical Skill Centre of PGMET, MAMC, New Delhi- 2nd feb 2012. attended by Dr. A. Rathore.

7. SIGNIFICANT EVENTS(HONOURS TO FACULTY)

- **Dr. U. Manaktala** delivered Guest lectures at NTPC New Delhi in March 2012 and at Shillong in Dec 2012.
- **Dr.S.Prasad** Participated in discussion for general awareness of health programme on 21st August 2012 on Akashwani.
- **Dr.S.Prasad** Visited NIRRH, Mumbai on 21.08.2012.
- Dr.R.Tripathy, Dr.U.Manaktala, Dr.S.Prasad, Dr.A.Tempe, Dr.G.Gandhi, Dr.Arathore, Dr.A.Kumar, Dr. Y.M.Mala, Dr.Deepti Goswami, Dr. Sangeeta Gupta, Dr. Latika Sahu, Dr.K.Agarwal had chaired one session in 11th World Congress & 19th Indian Conference on Reproductive & Child Health, New Delhi on 14-16th September 2012. and 34th **Annual Conference of Association of Obstetricians & Gynaecologists of Delhi**; November, 2012. DELHI

8. FELLOWSHIP

- Dr. A. Kumar Awarded Fellowship of National Academy of Medical Sciences-FAMS in 2012.

9. REPRESENTATION ON EXPERT COMMITTEE/BODIES-

- **Dr.Usha Manaktala** was nominated as
 1. Advisory Member of Inspection team of MCI for inspection of Examiner of MD in Obs & Gyne & DGO.
 2. DNB Inspection Committee.
 3. Inspection of Indraprastha University at RML PG Institute on 29th March 2012.
 4. Expert Member of team of MCI-for restructuring of teaching curriculum for MBBS students .
 5. chairperson of PG committee for MCI 2012-13.
 6. Interview of Assistant Professor on 4th April 2012 at LHMC N Delhi.
 7. Advisory member of Selection Board-UPSC personality test/selection board for Combined Medical Services Exam N Delhi.
 8. Member of selection board –for selection of specialists in Obstetrics & Gynecology for NTPC New Delhi.

9. Member of selection board for inspection for Senior & Junior Residents for Obs & Gyn deptLN hospital & GTB hospital N Delhi.
 10. Chairperson Delhi state supervisory Committee for PNDT Act Delhi.
 11. Principal part time programme In charge of IGNOU students of Diploma in Maternal & Child Health since Aug 2012.
- **Dr. R .Tripathi** was nominated as
 1. Head of the department of Obstetrics & Gynaecology, Delhi University.
 2. Incharge of PPTCT centre in LokNayak Hospital.
 3. Examiner for DNB.
 4. Faculty and core member for Fellowship in HIV Medicine at MAMC.
 - **Dr. S. Prasad** was nominated as
 1. Member of expert committee at ICMR to evaluate the draft of National guidelines for ART Banks,
 2. Member of expert committee at ICMR to evaluate the ART Registry.
 3. Nominee of DGHS for technical specification committee for purchasing at AIIMS on 06.11.2012.
 4. Nominated as Expert member of Delhi Medical Council.
 5. Member of EDL Committee at NCT of Delhi.
 6. Joint Secretary of Indian Fertility Society.
 7. Expert member ART Committee of ESI hospital, New Delhi, SN Medical College, Jaipur.
 8. Member of Core committee IFS-IFFS society.
 - **Dr.Y.M.Mala**
 1. 1.Co-ordinated a PPTCT centre visit for medical officers as a training program of HIV Fellowship, 2012.
 2. 2.Faculty and core member for Fellowship in HIV Medicine at MAMC
 3. 3.Resource faculty for NACO ART medical officers training program
 4. Nodal officer DSACS & NACO for STI in the Department of Obstetrics & Gynaecology.
10. **HEALTH SERVICES TO THE COMMUNITY-**
 1. Dr. Y. M. Mala Presented a lecture on “Partner management- Critical issues” during Technical Updates on STI syndromic Management for medical officers on Sept 26th2012 organized by DSACS & FPAI at MAMC.
 11. **LAB DATA -IVF DATA:**
 1. 128 IVF-ET procedures in year 2012 of which 53 women were conceived with the success rate of **41.2%**.
 2. Embryo freezing procedures were done in 35 patients with their surplus embryos and 20 vials of washed sperms of the patients were frozen to utilize in future cycles of the same patients.
 3. TESE procedures to retrieve the sperm from testicular tissue in case of severe male factor infertility were done in 10 with 18 ICSI procedures.
 4. Frozen embryo transfers were done in 20 and achieved successes in viable pregnancies.
 5. We are successfully routinely doing blastocyst extended culture for day 5 or day 6 embryo transfer.
 12. **NEW FACILITIES ADDED**-HDU started functioning in CLR.

13. ANY OTHER WORTH MENTIONING INFORMATION- EXTERNAL EXAMINER:

Dr. S.Prasad-

1. Evaluation of thesis for PG Obstetrics and Gynecology – May 2012 for AIIMS
2. Evaluation of DNB Thesis.
3. Conducted DNB appraisal at Sir Ganga Ram Hospital, New Delhi on 17th August 2012.
4. External Examiner of Supplementary MBBS exam on 21st September 2012 at SJ hospital, New Delhi.
5. Conducted DNB exam Obstetrics and Gynecology at Madras Medical College Chennai On 7th -8th November 2012.
6. External examiner of final MBBS (Part – II) exam on 30th November to 1st December 2012 at Sher-I-Kashmir Institute of Medical Sciences, Srinagar.

Dr.L.Sahu-

1. External examiner of final MBBS (Part – II) exam on 24th to 30th May 2012 at VSS Medical College Burla. Orissa.

ORTHOPAEDICS

Name of the Head of the Department : Dir-Prof Dr.Anil Dhal

1. FACULTY

S.No	Name of Faculty	Designation
1.	Dr.Anil Dhal	Director-Professor
2.	Dr.Ajay Gupta	Director-Professor
3.	Dr.V.K.Gautam	Director-Professor
4.	Dr.Manoj Kumar	Director-Professor
5.	Dr.Vinod Kumar	Professor
6.	Dr.Sumit Sural	Professor
7.	Dr.Lalit Maini	Professor

2. RESEARCH SCHEMES

(a) On Going projects

Title / Description	Principal Investigator	Sponsoring Organization
Anthropometry of normal and arthritic knee in Indian population and its implication in total knee replacement	Dr.Lalit Maini	University Grants Commission.

(b) Details about thesis completed during current year.

Title / Description	Principal / Co Investigator
Guide of thesis of Dr. Ajeesh Sankaran : Functional evaluation of single tendon transfer of flexor carpi ulnaris to extensor digitorum communis, extensor indicis proprius and extensor pollicis longus in high radial nerve injuries.	Dr.Anil Dhal
Intraarticular distal radius fractures- arthroscopic assessment of accuracy of reduction in fluoroscopy assisted fracture fixation and study of maintenance of such high precision reduction	Dr. Ajay Gupta
The role of tranexamic acid in reducing blood loss in total knee replacement	Dr. V.K. Gautam
Comparative study between double bundle ACL reconstruction with help of dedicated zig or without zig in femoral and tibial tunnel preparation	Dr. Vinod Kumar
Study of efficacy of DOTS in musculoskeletal tuberculosis	Dr.Sumit Sural
Efficacy of surgical dislocation of the hip in ORIF of acetabular fractures	Dr.Lalit Maini

3. TRAINEES FROM OTHER AGENCIES

1. Post graduate Diploma course in Geriatric Medicine under the aegis of IGNOU New Delhi.

4. TRAINING COURSES / CONFERENCES / WORKSHOPS ORGANISED :

Department of Orthopaedics, MAMC

14th MAMC Post Graduate Instructional Course in Orthopaedics, 30th Oct-2nd Nov.2012 with Dr.Anil Dhal as the Course Director and Dr.Sumit Sural as Organizing Secretary

5. PUBLICATION DURING THE PERIOD

1. Sumit Arora, Dhananjaya Sabat, Sumit Sural, Anil Dhal. **Isolated tuberculous pyomyositis of semimembranosus and adductor magnus: a case report.** *Orthop Surg* Nov 2012.
2. Shailendra Singh, Sumit Arora, Sumit Sural, Anil Dhal. **Tuberculosis of the pubic symphysis masquerading as osteitis pubis: a case report.** *Acta Orthop Traumatol Turc* 2012
3. Mayank Agrawal, Vikas Bhardwaj, Tsering Wangchuk, Sumit Sural, Anil Dhal. **Common peroneal nerve palsy secondary to peroneus longus abscess: case report.** *J Foot Ankle Surg* 51:479 (2012)
4. Mayank Agrawal, Vikas Bhardwaj, Wangchuk Tsering, Sumit Sural, Ravi Kashyap, Anil Dhal. **Use of technetium(99m)-ciprofloxacin scan in Pott's spine to assess the disease activity.** *Int Orthop* 2012 Feb : 36(2): 271-6.
5. Mohit Kumar Patralekh, **Lalit Maini**, Mukesh Kalra. Voluntary Anterior Dislocation of the Shoulder in a 10-Year-Old Child Treated Surgically. **Journal of Hand and Microsurgery 2012;4(1).**
6. Mohit Kumar Patralekh, **Lalit Maini**, Mukesh Kalra, Saurav Mittal and Virendra Kumar Gautam. Dynamic Ulnar Deviation Deformity of Wrist Due to Post Infective/Posttraumatic Contracture of Isolated Musculotendinous unit—A Report of Two Unusual Cases. **Journal of Hand and Microsurgery 2012;4(1).**
7. Sumit Arora, **Lalit Maini**, Vinay Aggarwal, Anil Dhal. Broken guidewire protruding into the hip joint: A bone endoscopic-assisted retrieval method. **Indian Journal of Orthopaedics 2012;46(1):109-112.**
8. Sumit Arora, Lalit Maini, Dhananjaya Sabat, VK Gautam. Closed retrograde retrieval of the distal broken segment of femoral cannulated intramedullary nail using a ball-tipped guide wire. *Indian Journal of Orthopaedics* 2012;46(2):251
9. **Maini L**, Palanisamy Y, Shetty V, Kasture S, Shetty V. Hip impingement in the Indian population: hip anthropometry measurements in 100 hips. **Hip Int. 2012 May-Jun;22(3):335-8. doi: 10.5301/HIP.2012.9240**
10. Arora S, Sabat D, **Maini L**, Sural S, Kumar V, Gautam VK, Gupta A, Dhal A. Isolated Involvement of the Posterior Elements in Spinal Tuberculosis: A Review of Twenty-four Cases. **J Bone Joint Surg Am. 2012 Oct 17;94(20)**
11. VK Gautam, Balaji S, Shailendra Singh, Prince Gupta, **Maini L**. Role of tranexemic acid in decreasing blood loss in total knee replacement. **Journal of Clinical Orthopaedics and trauma** 2013; 4(1).
12. Sabat D , Kumar V . **Nerve injury during Hamstring graft harvest ; a prospective comparative study of three different incisions .** *Knee Surgery , Sport traumatology , Arthroscopy .* published online 17 october 2012 .

13. Dhanwal DK, Sahoo S, Mathews S, Gautam VK. Hip Fracture patients in India have Vitamin D Deficiency and secondary hyperparathyroidism. **Osteoporosis International**, 2012 Apr.
14. Ankur Singh, Seema Kapoor, Gaurav Pradhan, V. K. Gautam, Simmi K. Ratan. Scoliotic deformity and asymptomatic cervical syrinx in a 9 year old with caudal regression syndrome. Journal of Pediatric Neurosciences Sept –Dec 2012, Vol 7 p 191-93

6. BOOKS/ CHAPTERS CONTRIBUTED :

- Dr.Sumit Sural has contributed a chapter on orthopaedic surgery in the textbook on Principles and Practice of Surgery edited by Garden, Bradbury, Forsythe and Parks of Churchill Livingstone, Elsevier 6e, International Edition 2012.
- Dr.Sumit Sural has been a reviewer of the book Women over forty by Anita Khokkar of Elsevier 1st Edition 2012

Dr.Lalit Maini

- MRI of normal hip . Musculoskeletal Imaging 2012
- MRI of normal Spine . Musculoskeletal Imaging 2012
- Understanding DEXA Musculoskeletal Imaging 2012

7. CONFERENCES/WORKSHOPS/SYMPOSIA ATTENDED/PAPER PRESENTATION:

Dr. Vinod Kumar:

INTERNATIONAL CONFERENCES ATTENDED IN 2012

1. Presented paper on **Comparative study of Arthroscopic Anterior cruciate ligament reconstruction with hamstring graft using transfix or endobutton as femoral side fixation methods with 3 year follow up** at 33rd SICOT and 17th PAOA Orthopaedics World conference , Dubai during 28-30 november 2012.
2. Presented paper on **Anatomical double bundle ACL reconstruction : technical advantages of six strand hamstring graft with long term results** at 33rd SICOT and 17th PAOA Orthopaedics World conference , Dubai during 28-30 november 2012.
3. Presented paper on **Long term results after Augmentation procedure in partial ACL tears** at 33rd SICOT and 17th PAOA Orthopaedics World conference , Dubai during 28-30 november 2012 .
4. Presented paper on **post operative evaluation of tunnels in DBACL reconstruction by 3D CT at CASM, Jaipur during 8th -11th November 2012 .**
5. Presented e – paper on **Normal footprint anatomy of ACL** at CASM , Jaipur during 8th -11th November 2012 .
6. Presented paper on **“Bone morphometry of ACL footprint in Indian population”** at APOA 2012 , New Delhi , India on 4th october 2012 .
 - A. Delivered a guest lecture on **Diagnosis and treatment of shoulder examination** on 25th October 2012 at IGNOU , New Delhi for D.N.B students .
 - C. Delivered a guest lecture on **Bone morphometry of ACL footprint in Indian population** at APOA 2012 at New Delhi , India on October 4th 2012 .
 - D. Attended 5th annual conference of **Indo European Arthroscopy/ Arthroplasty foundation** and moderated session of **PCL and PLC reconstruction** by International and national faculty , held on 6th – 8th july 2012 at Chennai , India .
 - E. Delivered a guest lecture on **“Examination of ACL injured knee”** at Sir Ganga Ram hospital ,New Delhi ” on 3rd and 4th march 2012.

F. Delivered a guest lecture **on Partial ACL injury....Role of Selective Single Bundle Augmentation** 17-18th Feb 2012 in Current Concepts in Knee And Shoulder Surgery held at **Indian Spinal Injury Centre** , New Delhi

G. Delivered guest lecture on **“partial ACL tear”** held at DOACON 2012 at India Habitat Center 1 on 5TH JAN 2012.

8. FELLOWSHIP

- Dr.Sumit Sural : Awarded the WHO Fellowship on Antibiotic Resistance at the Karolinska Institutet, Stockholm, Sweden from 10th Feb-23th March, 2012.
- Dr.Sumit Sural : Awarded by the UGC scholarship, Indo-Hungarian Educational Exchange Programme, at the National Institute of Spinal Disorders, Budapest, Hungary 10th May to 9th June 2012.

9. REPRESENTATION ON EXPERT COMMITTEES/BODIES

Dr. Anil Dhal :

1. Chairman Hand section , Indian Orthopaedic Association

Dr.V.K.Gautam :

1. Appointed expert by UPSC for selection of Reader at GMC, Chandigarh.
2. Appointed Judge by Tamil Nadu Orthopaedic Association to rate the articles for the issues published in 2012.
3. Appointed Chairperson for Protocol approval committee at MAMC, in Oct 2012.
4. Appointed HOD Ortho Faculty of Medical Sciences on 3rd Dec 2012 for a period of three years.

Dr.Sumit Sural:

1. Reviewer of Indian Journal of Orthopaedics
2. Examiner for PGDGM Orthopaedics (IGNOU), MAMC, New Delhi
3. Examiner for M.S Ortho.University of Delhi, April and Sept 2011
4. Examiner for MBBS, MAMC, University of Delhi, Dec 2011.
5. Setting question paper and evaluating theory examination for BOT, IPH, Delhi University
6. Reviewer of thesis of DNB Orthopaedics Candidates.
7. Member Departmental expert committee on POP, Crepe, and Plain Bandages.
8. Member, technical approval committee for hospital open tender for orthopaedics.

Dr.Lalit Maini was

- Reviewer JBJS British
- Treasurer Indian Orthopaedics Association
- Member of technical committees of Central Accident and Trauma Services
- Continued as Editor of Delhi Journal of Orthopaedics
- Regular member of Medical Boards at Lok Nayak Hospital.
- Reviewer of Indian Journal of Orthopaedics
- Continued as reviewer of Indian Journal of Surgery.
- Member of Disability certification board of Lok Nayak Hospital
- External examiner for Final MBBS at Safdarjung Hospital & VMMC, IP University, Delhi, December 2009
- External examiner for Final MBBS at Govt. Medical College Punjab University, Chandigarh, December 2009

10. HEALTH SERVICES TO THE COMMUNITY

Dr.Vinod Kumar : Conducted free of cost health checkup at native place SAHARANPUR, UTTAR PRADESH and participated in health and fitness education programmes for the rural population of the area under the aegis of DR. DATARAM CHARITABLE TRUST.

PEDIATRICS

1. FACULTY

1. Director Professor & Head	Dr. A.P. Dubey, MD
2. Director Professor	Dr. G.R. Sethi, MD
3. Director Professor	Dr. Sangita Yadav, MD
4. Director Professor	Dr. R.N. Mandal Ravi, MD
5. Director Professor	Dr. N. B Mathur, MD
6. Professor	Dr. Urmila Jhamb, MD
7. Professor	Dr. Ajay Kumar, MD
8. Professor	Dr. Monika Juneja, MD
9. Professor	Dr. K. Rajeshwari, MD
10. Professor	Dr. Seema Kapoor, DCH, DNB
11. Associate Professor	Dr. Mukta Mantan, MD
12. Associate Professor	Dr. Devendra Mishra, MD
13. Assistant Professor	Dr. Malobika Bhattacharya, MD
14. Assistant Professor	Dr. Satnam Kaur, MD

2. RESEARCH SCHEMES

On going projects

- Dr A P Dubey: Principal Investigator in DBT –Severe Acute Malnutrition feeding protocol project.
- **Dr. K. Rajeshwari:** Co investigator in DBT –Severe Acute Malnutrition feeding protocol project.
- **Dr Seema Kapoor**

Projects Completed:

- **Principal Investigator** for a project entitled Newborn Screening for Congenital Hypothyroidism & Congenital Adrenal hyperplasia: A Multicentric Study funded by ICMR, New Delhi.
- **Principal Investigator:** “To compare integrated screening with contingent sequential screening for prenatal detection of Down’s Syndrome in the Indian context” by DBT”

Project Ongoing:

- **Principal Investigator:** “Assessment of CCL18/PARC and HEPARIN –THROMBIN II Cofactor expression in Indian Children with Lysosomal Storage disorders.”
- **Co-ordinator:** Ongoing project by Govt of NCT, Delhi on “Antenatal screening of women for thalassaemia status”.
- **Principal Investigator:** “Study of the biochemical profile and polymorphisms of the growth hormone receptor gene in patients with idiopathic short stature and proven growth hormone deficiency.”
- **Principal Investigator:** “Clinical application of array-based Comparative Genomic Hybridization (array CGH) in the genetic evaluation of stillbirths”
- **Principal Investigator:** “Evaluation of solid phase and solvent phase extraction procedures for urinary organic acids and molecular characterization of Methylmalonic acidemia.”

(a) Details of thesis completed during current year:

Dr A P Dubey: Bone mineral density in thalassemic children

- **Dr. Ajay Kumar:-**Risk Factors for Hypoxic Ischemic Encephalopathy in Neonates”
- Early Prediction of Enteral Feeding Tolerance in Very Low Birth Weight

o Preterm Infants Using Superior Mesenteric Artery Blood Flow Velocity”

• **Dr. K. Rajeshawri: As Supervisor:**

- Supervisor for MD Thesis in Pediatrics entitled "Spectrum of metabolic abnormalities in children on antiretroviral therapy"

Dr. K. Rajeshawri As co- supervisor:

- Utility of ipaH gene based PCR for diagnosis of Shigellosis." And Etiological Spectrum of acute gastroenteritis in children with special reference to Norovirus and Spectrum of acute watery diarrhoea in children less than five years of age

- **Dr. D. Mishra**

- . Clinical profile of recurrent headaches in children.

- **Dr Seema Kapoor**

- Association of glucose 6 phosphate dehydrogenase in neonatal hyperbilirubinemia
- Predictive value of second trimester uterine artery doppler in pregnant women with low first trimester serum pregnancy associated plasma protein A(PAPP A)- (MD, Gynecology & Obstetrics)
- Polymorphisms of the MTHFR gene in Patients with steroid sensitive and steroid resistant gene (MD, Medicine)
- Evaluation of Cardiac Function in children with Down Syndrome(MD Pediatrics)
- **Thesis Ongoing:**
- o Evaluation of RAS gene disorders in children with short stature (MD Pediatrics.)
- 2 Study of clinico-dysmorphic profile and associated malformations in children with congenital heart disease(MD Pediatrics)
- 3.Association of MTHFR polymorphism in women with preclampsia & eclampsia (MD, Gynecology & Obstetrics)
- Blood levels of Rifampicin in children suffering from tuberculosis at doses administered under the RNTCP(MD, Pharmacology)

- **Dr U Jhamb**

- 1.Thesis completed on Occurrence of acute kidney injury in children in Pediatric ICU and its effect on the outcome
- 2.Ongoing thesis on 0.45% saline in dextrose versus 0.22% saline in dextrose in children in PICU .

6. Trainees from other agencies:

3. TRAINING COURSE/CONFERENCES/WORKSHOPS ORGANIZED

1. PFCCS course organized on 19th 20th may 2012 by **Dr Urmila Jhamb**
2. PALS course organized by **Dr U Jhamb** on 16th 17th march 2013
3. Training course for Officers and Staff Nurses working in Special Nursery Care Unit in Haryana in “Facility Based Newborn Care” Dr A P Dubey, Dr NB Mathur, Dr Ajay Kumar
4. **Dr Seema Kapoor Organized** Workshop J- revisiting dysmorphology & metabolism – PEDICON 2012 on 18th January, 2012 at Kalyani Hospital gurgaon.

4. PUBLICATIONS DURING THE PERIOD:

- Asymptomatic multiple intracardiac tuberculomas in a child.**Rajeshwari K, Gupta S, Dubey AP, Gera R.**Cardiol J. 2012;19(5):518-20

- Peripheral gangrene in an 18 month old boy with Plasmodium vivax malaria. Raghunandan J, **Rajeshwari K**, Dubey AP, Singh T. Paediatr Int Child Health. 2012 Aug;32(3):164-6.
- Gullain Barre syndrome as a complication of typhoid fever in a child. Mehndiratta S, **Rajeshwari K**, Dubey AP. Neurol India. 2012 Jul-Aug;60(4):433-5.
- Haldar S, Sankhyan N, Sharma N, Bansal A, Jain V, Gupta VK, Juneja M, Mishra D, *et al*. Detection of Mycobacterium tuberculosis GlcB or HspX antigens or devR DNA impacts the rapid diagnosis of tuberculous meningitis in children. PLoS One. 2012; 7(9):e44630. Epub 2012 Sep 12.
- Fasano A, Ricciardi L, Bentivoglio AR, Canavese C, Zorzi G, Petrovic I, Kresojevic N, Kostić VS, Svetel M, Kovacs N, Balas I, Roubertie A, Mishra D, *et al*. Status dystonicus: Predictors of outcome and progression patterns of underlying disease. Movement Disorders 2012; 27(6):783-8.
- Sharma S, Mishra D, Aneja S, *et al*. for the Expert Group on Encephalitis, Indian Academy of Pediatrics. Consensus guidelines on evaluation and management of suspected acute viral encephalitis in children in India. Indian Pediatr. 2012; 49:897-910.
- Gupta P, Mishra D. Impact factor 2011 and random musings (Editorial). Indian Pediatr. 2012; 49:609.
- Sardana K, Agarwal P, Mishra D. Follicular eczema: A commonly misdiagnosed dermatosis. Indian Pediatr 2012; 49:603.
- Mishra D, Juneja M. Coarctation of aorta in a child with Proteus syndrome. Indian J Pediatr. 2012;79:1674-5.
- Juneja M, Jain R, Singhal S, Mishra D. Availing services for developmental disabilities: Parental experiences from a referral center in developing country. Indian J Pediatr. 2012; 79:1213-7.
- Mishra D, Sharma A. Triggers of migraine in children at a public hospital in India. SpringerPlus. 2012, 1:45.doi:10.1186/2193-1801-1-45.
- Vidya brata ghosh, Urmila Jhamb, Ritika Singhal and Rajeshwari Krishnan . Common childhood poisonings and their outcome in tertiary care center in Delhi. 2013;80:516-18
- Congenital accessory palpebral aperture - An addition to the spectrum of Delleman syndrome. Manudhane A, Arora R, **Kapoor S**, Rastogi A, Goyal JL. Ophthalmic Genet. 2012 Dec 6.
- Phenotypic overlap between Blepharo-naso-facial syndrome and Nablus mask-like syndrome. Report from the first Indian family. Sachdev M, Rastogi A, Singh A, Kumar K, **Kapoor S**, Bansal Y, Goel S. Ophthalmic Genet. 2012 Jun 14.
- Ahlawat RA, Gupta S, **Kapoor S**, Kar P. Polymorphism of Renalase Gene in Patients of Chronic Kidney Disease. Open Journal Of Nephrology 2012, 2(4):136-143.
- Posterior Reversible Encephalopathy Syndrome in a Child with Meningitis Presenting with Transient Visual Loss and Hypertension. Panda M, Rustogi D, Singh A, **Kapoor S**, Singh S, Ravi RN. Indian J Pediatr. 2012 Dec 22.
- Mutations in the Nebulin Gene in a Child with Nemaline (Rod) Myopathy. **Kapoor S**, Singh A, Lehtokari VL, Wallgren-Pettersson C, Batra VV. Indian J Pediatr. 2012 Sep 2.
- Celiac disease presentation in a tertiary referral centre in India: current scenario. Bhattacharya M, **Kapoor S**, Dubey AP. Indian J Gastroenterol. 2012 Aug 19.
- Infant with type A Niemann Pick disease and undetectable Niemann Pick cells in bone marrow. Mukherjee SB, Pandey M, **Kapoor S**, Priya TP. Indian Pediatr. 2012 Jun;49(6):490-2.
- Left Atrial Appendage Aneurysm: An Unusual Cause of Hematuria with Stroke. **Kapoor S**, Ghosh VB, Dubish S, Prakash A. Indian J Pediatr. 2012 Jul 11.
- **Kapoor S**, Singh A. Hypocalcemic Tetany: An Infrequently Recognized Association with Acute Dengue Infection. Indian J Pediatr. 2012 Dec;79(12):1673
- Jain S, **Kapoor S**, Singh A, Ravi RN, Jain S. Good response to cyclosporin in a child with acquired thrombocytopenic purpura. Indian J Pediatr. 2012 Sep;79(9):1236-7.

5. BOOKS/CHAPTERS/CONTRIBUTED

- Dr. **D.Mishra** has contributed a chapter “Management of Guillain Barré Syndrome” in the Text Book on Textbook of Pediatric Emergencies edited by Dr. Suraj Gupte. Publisher. Peepee Publ. & Distributors, N. Delhi, II ed; 2012: 175-184.
- Chapter on pediatric burns by **Dr U Jhamb** and Dr A Goel in textbook of pediatric intensive care by IAP.

5. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED

Dr A P Dubey: Attended National Conference of IAP held at Gurgaon and chaired a session.

- Dr. Ajay Kumar:-Risk factors for Hypoxic Ischemic Encephalopathy (HIE) in Neonates” presented at XXXII Annual Convention of National Neonatology Forum: 13-16 December, 2012 at New Delhi, India.
- Dr. K. Rajeshwari: 5th PEDIATRIC SURGERY UPDATE 2012, MAMC, NEW DELHI 23rd – 26th February 2012
- Dr. K. Rajeshwari: TOT workshop on Strengthening IYCF Counseling Component in Pre-service IMNCI at Kalawati Saran Children's Hospital from 29-31 March 2012.
- D. Mishra attended 49th PEDICON, Annual Conference of Indian Academy of Pediatrics, 18-22 January 2012 at Gurgaon, Haryana.

Dr Seema Kapoor

International

A. Attended SSIEM Annual Symposium 2012 on Phenotypic diversity of Inherited Metabolic Disorders from 4th – 7th September, 2012 at ICC, Birmingham, UK

National

- A. Attended a workshop and on Workshop J- revisiting dysmorphology & metabolism – PEDICON 2012 on 18th January, 2012 at Kalyani Hospital gurgaon.
- B. Attended a 3 day workshop on Clinical Dysmorphology at Center for Human Genetics at Bangalore from 25th – 27th February, 2012.
- C. Attended workshop on Growth monitoring at Hindu Rao Hospital on 17th March, 2012.
- D. Attended 17th Asia BCG IP, India at India Habitat Centre on 17th November, 2012.
- E. Attended 16th Annual National Pediatric Hematology- Oncology Conference PHOCON 2012 is being held at Dayanand Medical College and Hospital on 16-18th Nov.2012.

GUEST LECTURES DELIVERED

Dr Ajay Kumar

1. “Alternative Feeding Methods for LBW Babies- Do We Need Them?” During XXXII Annual Convention of National Neonatology Forum: 13-16 December, 2012 at New Delhi, India.
2. “Acid Base Balance in Surgical Neonates” during Fifth Pediatric Surgery Update-2012, Maulana Azad Medical College, New Delhi on 23 February, 2012.

Dr U Jhamb

1. 5th PEDIATRIC SURGERY UPDATE 2012, MAMC, NEW DELHI 23rd – 26th February 2012 Guest lecture on ARDS
2. Guest lecture on ARDS in National conference of ISCCM at Calcutta on 19th 20th March 2103.

Dr seema Kapoor

- A. **Keynote Address** on Demonstration of Newborn Screening Techniques, Spectrophotometric Techniques at Government Medical & Hospital, Chandigarh on 14 Dec, 2012
- B. Delivered a lecture on Newborn screening in Pedicon 2012, (IAP Neonatology Chapter)
- C. Participated in a panel discussion on “ Genetic Load of Hemoglobinopathies, ‘ in Pedicon 2012
- D. Participated in Pediatric Surgery update on 23rd Feb 2012 and delivered a talk on Genetic basis of Pediatric surgical anomalies
- E. Delivered a talk on “ Genetics in Short Stature” at Growth monitoring Workshop at
- F. Hindu Rao Hospital on 17th March 2012
- G. Delivered a talk on “ IEM’s in India” at FRIDGE, Ahmedabad on 8th April 2012
- H. Coordinated ‘ Genetic session in TIPS on 21st April 2013
- I. Chaired a session in 17th Asia BCGIP, India, India Habitat Center
- J. Delivered a lecture on Tandem Mass Spectrometry and Acute metabolic Disease in India in NEOCON 2012 on 16th December 2012.
- K. Delivered a talk on **Learning about Gaucher’s Disease** at DMC, Ludhiana on 18th November, 2012 in Phocon 2012

SESSIONS CHAIRED/CO-CHAIR**Dr Ajay Kumar**

1. Chaired a session on “Prevention of Prematurity” during XXXII Annual Convention of National Neonatology Forum: 13-16 December, 2012 at New Delhi, India

7. Visitors

- D. Mishra was Invited faculty for ‘Workshop on Post-graduate Teaching’, 49th PEDICON, 18th January 2012 at Gurgaon, Haryana.
- D. Mishra was Chairperson, ‘Case-scenario Session on Pediatric Neurology’, 49th PEDICON, 20th January 2012 at Gurgaon, Haryana.
- D. Mishra was faculty at Indian Pediatrics ‘Workshop on Art & Science of Writing a Paper’ 11-12 August, 2012 at Delhi.
- Dr Urmila Jhamb was invited as faculty for PALS course at Maharaja Aggarwal hospital Delhi on 19th 20th Dec 2012 and again on 26th 27th Jan 2013.

8. SIGNIFICANT EVENTS (HONOURS TO FACULTY):**Dr A P Dubey was awarded State Doctor’s Award by Govt of Delhi**

Dr A P Dubey is Executive editor of Indian Pediatrics and its reviewer also.

Dr A P Dubey is chairperson of IAP Nutrition chapter.

Dr A P Dubey – Co-ordinator and examiner for DNB (Pediatrics) and MRCPCH examinations.

Dr. Ajay Kumar:- REVIEWER FOR SCIENTIFIC ARTICLES:

Journal of Perinatology - Postprandial Plasma Galactose Concentrations in Intrauterine Growth Restricted (IUGR) Neonates. October 2012

Indian Pediatrics - Many articles during the year 2012

Dr U Jhamb:

- Conducted Appraisal for DNB pediatric intensive care course in Sunder Lal Jain Hospital Delhi
- Reviewer for IJP and Indian Pediatrics journals.
- Became instructor for BLS course.

Dr. D. Mishra, was nominated by the Indian Academy of Pediatrics (agency) as Co-convenor of IAP Expert Group on Acute Encephalitis in Children

- Dr. D. Mishra was nominated by International Clinical Epidemiology Network (INCLEN) (agency) as Member, Technical Advisory Group, of for the study ‘Neurodevelopmental disabilities among children in India’.
- Dr. Dr D Mishra is a member of the Disability Certification Committee of Lok Nayak Hospital, Delhi.

Dr Seema Kapoor

- Adjudged Excellent project by DBT Task Force on Women for “Prenatal screening for fetal aneuploidies”
- National Co-ordinator for TIPS (Training in Practical Pediatrics for Postgraduates) for the genetic component
- Secretary of the Genetics chapter of Indian academy of Pediatrics**
- Tandem Mass Spectrometry attained Accreditation From CDC Atlanta with 100% report.

9. REPRESENTATION ON EXPERT COMMITTEE/BODIES:-

- **Dr A P Dubey** – Member of National Technical Advisory Group on Immunization (NTAGI) and National AEFI Committee of Govt. of India.
- **Dr A P Dubey** – Member of New Drug Advisory Committee (NDAC) on vaccines of DCGI.
- Dr. K. Rajeshwari: - Contributed to the **National AIDS Control Programme (NACP) of GOI** in capacity of Technical advisor, Master trainer and facilitator in the clinical, trainings of the programme.
- DR. K. Rajeshwari:- Member of Curriculum Committee for development of Curriculum for Postgraduate Diploma in HIV (PGDHIV) of NACO in collaboration with IGNOU
- **Dr Seema Kapoor** - Member of Task Force for Metabolic errors by the DBT and Member of advisory board of IVF and reproductive Biology center, MAMC, New Delhi
- Member Task force on Lysosomal storage Disorders by the ICMR
- Member Task force on: “Thalassemia Control” by the ICMR

10. Health Services to the Community

Dr A P Dubey – Member Advisory Committee of National Thalassemia Welfare Society

Dr Seema Kapoor - Disability Board for LN hospital for evaluation of challenged children, Helping support for formation of the Down Syndrome support group

11. LAB DATA: PEDIATRIC RESEARCH LAB & GENETIC LAB:

Test	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec
TTG	72	68	72	66	102	84	65	67	57	73	48	67
S. Ferritine	30	45	58	71	91	107	89	89	47	68	72	42
LKM, SMA	3	6	13	10	20	15	3	12	3	1	1	0
Ammonia	18	25	37	24	45	43	47	32	32	30	41	28
S. Lactate	9	26	36	22	37	37	42	40	35	42	30	25
Homocystine	1	7	3	2	6	2	7	1	6	5	10	9
C3- Level	12	9	4	9	11	0	2	7	15	3	4	9
HPLC	15	6	4	4	4	1	8	7	0	0	0	0
S. Ceruloplasmin	13	14	17	12	23	23	14	24	14	17	14	7
B-HGG	0	8	9	16	12	6	2	6	1	3	2	3
α 1 Anti Tripsin	1	3	2	3	9	12	8	4	6	4	6	3
Enzyme	0	0	0	0	0	0	0	0	0	0	0	0
Biotindase	6	2	4	3	7	1	5	3	1	0	1	0
Arginase												
Alyl Sulphatase												
GCMS	13	13	60	20	104	17	74	25	101	26	100	47
AFP	5	2	0	1	6	9	19	22	27	11	0	4
S. Copper	0	2	0	0	0	0	0	0	0	0	0	0
PNS 1 st Tri	0			0	0	5	31	35	20	50	50	53
PNS 2 nd Tri	0		2	4	13	35			0	0	0	0
TMS	0	36	83	37	167	49	72	63	65	43	39	74
B- Galactosidase	0											
Fragile-X	2	0	2	1	0	1	2	2	2	1	2	3
DNA	25	64	29	21	52	52	47	59	40	44	77	17
U. Copper							0		0	0	0	0
G6PD	0	2	1	2	1	1	3	4	50	9	9	2
MTHFR	0	0	1	1	0	0	0	0	1	12	0	3
IGF-1	0	18	8	4	4	6	2	3	2	1	2	3
Karyotyping	47	40	50	51	44	43	59	29	54	47	48	46
Nestrof	300	358	440	370	489	460	494	347	383	305	319	354

12. Any other worth mentioning information.

Dr. K. Rajeshwari: Passed part 2 MRCPCH exam in Jan 2012 and Clinical Exam in JUNE 2012 and was conferred MRCPCH by Royal College of Pediatrics and Child Health, London, UK

- Dr D. Mishra: Associate Editor, *Indian Pediatrics*.
- Dr D.Mishra: Honorary faculty of Department of Medical Education, MAMC

PAEDIATRIC SURGERY

1. FACULTY

Prof.	Dr. Yogesh Kumar Sarin, MS, DipNB, MCh, MBA (HCA)
Prof.	Dr. Satish Kumar Agarwal, MS, MCh
Associate Prof.	Dr. Simmi Kaur Ratan MCh
Assistant Prof.	Dr. Shalini Sinha, MS, MCh
Assistant Prof	Dr. Shandip Kumar Sinha, MS, MCh

2. DETAILS ABOUT ONGOING PROJECTS DURING THE YEAR-

- 1 Major Research Project (UGC) by Dr. SK Ratan and others entitled 'Evaluation of hormonal profile in the patients presenting with isolated hypospadias' has been completed and its final report submitted.
- 2 Simmi K Ratan and others started ICMR project 'Genetic Polymorphism of MAMLD1 (CXorf6) gene in children with isolated hypospadias'.
- 3 Akshita Soni under supervision of Prof. Y. K. Sarin completed and submitted her Short term studentship (STS) 2012 project under the aegis of ICMR. Dr. SK Ratan was the co-supervisor.

Details about thesis completed/ongoing during the year

1. Posterior urethral valves: Is normalization of urethral ratio as indicated on MCU sufficient in management of these patients- MCh thesis of Dr Vidyanand Deshpande. Supervisor: Prof. YK Sarin. Co-Supervisors: Dr SK Ratan, Dr Akshay Sharma.
2. Laparoscopic assisted trans anal pull through for Hirschsprung's disease: comparison between partial and near total laparoscopic mobilization of rectum. M Ch. thesis of Dr Mohit Mathur. Supervisor: Prof. SK Aggarwal, Co-Supervisors: Dr SK Ratan, Dr Akshay Sharma.
3. Role of laparoscopy in chronic abdominal pain with persistent mesenteric lymph nodes in children. M Ch. thesis of Dr Sudhir Singh. Supervisor: Prof. SK Aggarwal, Co-Supervisors: Director Prof. GR Sethi, Director Prof. Anju Garg, Prof. Neeta Khurana.
4. Assessment of Interferential therapy in urinary incontinence due to neurogenic bladder. M Ch. thesis of Dr Abhishek Tiwari. Supervisor: Prof. Y K Sarin. Co-Supervisors: Dr SK Ratan, Director Prof. Ajay Sharma.
5. Comparative evaluation of combined ilioinguinal iliohypogastric block versus caudal block using Ropivacaine & Clonidine for Paediatric postoperative analgesia following inguinal hernia repair. MD (Anaesthesiology) thesis of Dr. Sadhana Saini. Supervisor- Prof. KN Saxena. Co-supervisors: Prof. YK Sarin, Dr. Bharti Taneja.
6. I-gel vs. Proseal Laryngeal Mask Airway: A prospective randomised controlled study in mechanically ventilated children undergoing laparoscopic procedures. MD (Anaesthesiology) thesis of Dr Anita Murmu. Supervisor: Prof. Sonia Wadhawan. Co Supervisors: Prof. SK Aggarwal, Director Prof. Poonam Bhadoria.
7. Comparative evaluation of pressure controlled ventilation and volume controlled ventilation in paralysed anaesthetised children ventilated with Proseal LMA or I-Gel. MD (Anaesthesiology) thesis of Dr Kriti Wig. Supervisor: Dr Munisha Agarwal. Co Supervisors: Prof. SK Aggarwal, Director Prof. Rakesh Kumar.

8. Predictive value of bedside cystometry against urodynamic study in diagnosing bladder functional abnormalities in pediatric patients. M Ch. thesis of Dr. Sandeep Rahul, Supervisor: Prof. YK Sarin Co Supervisor: Dr SK Ratan
9. Comparison of juxta-urethral plate bucks fascia versus vascularised dorsal dartos as soft tissue transposition flap on the outcome of hypospadias surgery M Ch. thesis of Dr. Anita Gangurde Supervisor: Dr. SK Ratan, Co-Supervisor: Prof. YK Sarin.
10. To study the role of uroflowmetry before and after hypospadias repair. M Ch. thesis of Rajat Piplani. Supervisor: Prof. SK Aggarwal, Co-supervisor: Dr. SK Ratan
11. Assessment of the role of interferential stimulation treatment of children with fecal incontinence following corrective surgeries for ano-rectal malformations. M Ch. thesis of Dr. Prince Raj. Supervisor: Prof. YK Sarin Co Supervisor: Dr. Jyoti Kumar.
12. Effect of endoscopic valve incision and bladder neck incision on bladder dysfunction in patients with posterior urethral valve. M Ch. thesis of Dr. Hamid Wani. Prof. YK Sarin Co Supervisor: Dr. Anjali Prakash.
13. Assessment of serum Inhibin -B, reproductive hormones and testicular volume in children with hypospadias. M Ch. thesis of Dr. BK Tripathi, Supervisor: Dr. SK Ratan. Co-supervisors, Prof. SK Aggarwal, Dr. TK Mishra, Dr. Sapna Singh.
14. Intermediate term outcome of lung resection in children. M Ch. thesis of Dr. R Sisodia, Supervisor: Dr. Satish Aggarwal, Co-supervisors, Dr. SK Ratan Dr. GR Sethi, Dr. Rashmi
15. Comparative evaluation of single level paravertebral block and caudal block for post-operative analgesia in pediatric inguinal surgery. MD (Anaesthesiology) thesis of Dr. Silvy Anna Varughese. Supervisor- Prof. KN Saxena. Co-supervisors: Prof. YK Sarin, Dr. Bharti Taneja.

3. TRAINING COURSES/ WORKSHOPS ORGANISED

- a. Department of Pediatric Surgery organised Pediatric Surgery Update 2012 from 23th to 26th February 2012. Prof. YK Sarin was the organising chairperson. Prof. YK Sarin was the organising chairperson and Dr. Shalini Sinha was the Organising Secretary. Over 80 delegates and 40 guest faculty from around the country attended the update. The following lectures were delivered by the faculty from the Department:
 1. YK Sarin:
 - a. Endoscopic management of vesico-ureteral reflux.
 - b. Valve bladder syndrome.
 - c. Wilms' tumor.
 2. SK Aggarwal. Penile anatomy and surgical management of hypospadias.
 3. SK Ratan. Neurogenic bladder.
- b. Department of Pediatric Surgery organised 'Workshop on how to write a scientific paper' on 23rd February 2012. Prof. YK Sarin was the organising chairperson. Prof. YK Sarin delivered lecture "Supporting your text (Illustrations, Tables, references). Over 200 faculty and resident delegates from around NCT of Delhi participated in the workshop.

4. PUBLICATION OF RESEARCH PAPERS IN INDEXED JOURNALS DURING THE PERIOD

International journals

1. Sarin YK. Peritonitis caused by rupture of infected retroperitoneal teratoma. APSP J Case Rep. 2012; 3: 2.
2. Sarin YK. Letter to Editor- Recurrent desmoid tumor of the buttock in a preadolescent child. APSP J Case Rep. 2012; 3: 7.
3. Sarin YK, Bhatnagar SN. On the birth of Journal of Neonatal Surgery. J Neonat Surg. 2012; 1: 2.
4. Manchanda V, Sarin YK. Prognostic factors determining mortality in surgical neonates. J Neonat Surg. 2012; 1: 3.
5. Sarin YK, Sharma A, Sinha S, Deshpande VP. Duodenal webs: An experience with 18 cases. J Neonat Surg. 2012, 1(2):20.
6. Dhua A, Sharma A, Sarin YK. Intraperitoneal rupture of hepatic hydatid cyst following blunt abdominal trauma. APSP J Case Rep 2012; 3:10.
7. Bhatnagar SN, Sarin YK. Current trends in neonatal surgery in India. J Neonatal Surg. 1(2): 18.
8. Sarin YK. Editorial comments on 'Where should the surgical neonates be nursed'. J Neonat Surg. 2012, 1(2): 24.
9. Sinha S, Sarin YK, Ramji S. Ileal atresia with duplication cyst of terminal ileum. J Neonat Surg. 2012, 1(2): 27.
10. Thayal PK, Bhandari PS, Sarin YK. Comparison of efficacy of intralesional bleomycin and oral propranolol in management of hemangiomas. Plast Reconstr Surg. 2012 Apr; 129 (4):733e-5e.
11. Sinha S, Sarin YK, Khurana N. Prenatally diagnosed retroperitoneal Fetus-in-Fetu with ipsilateral testicular atrophy- A case Report. J Neonat Surg. 2012; 1:41.
12. Sinha S, Sarin YK. Outcome of jejuno-ileal atresia associated with intraoperative finding of volvulus of small bowel. J Neonat Surg 2012; 1: 38.
13. Sinha SK, Dhua A, Mathur MK, Singh S, Modi M, Ratan SK. Neural tube defects and ventriculo-peritoneal shunting: Indications and outcome. J Neonat Surg 2012; 1:21.
14. Ratan SK, Aggarwal S, Mishra TK, Saxena A, Yadav S, Pandey R, Sharma A, et al. Children with isolated hypospadias have different hormonal profile compared to those with associated anomalies. J Pediatr Endocrinol Metab. 2012; 25:111-9.
15. Dhua AK, Ratan SK, Aggarwal SK. Chylothorax after primary repair of esophageal atresia with tracheo-esophageal fistula: Successful management by biological fibrin glue. APSP J Case Rep. 2012; 3:16.
16. Dhua AK, Aggarwal SK, Mathur N, Sethi G. Bilateral congenital diaphragmatic hernia. APSP J Case Rep. 2012; 3:20.
17. Sarin YK. Looking back on the first anniversary. J Neonat Surg. 2012 (in press)
18. Sinha S, Sarin YK, Deshpande V. Neonatal sacrococcygeal teratoma- our experience with 10 cases. J Neonat Surg. (in press)
19. Sinha S, Sarin YK. Extra hepatic biliary atresia associated with choledochal cyst – A diagnostic dilemma in neonatal obstructive jaundice. J Neonat Surg. (in press)
20. Sarin YK. Cutaneous stigmata of occult spinal dysraphism. J Neonat Surg. (in press)
21. Sarin YK, Sinha A, Balhotra AR, Khurana N, Sobti P. Giant Hydatid cyst within a pre-existing congenital cystic adenomatoid malformation of the lung – A double whammy. APSP J Case Rep 2012 (in press).
22. Sarin YK, Sinha S. Efficacy of bladder neck incision on urodynamic abnormalities in patients with posterior urethral valves. Pediatr Surg Int 2012 (in press).
23. Sarin YK. Intra-peritoneal rectal perforation in a neonate leading to acquired rectal atresia. J Neonat Surg. 2012 (in press).
24. Sinha S, Tiwari A, Sarin YK. Isolated soft tissue cysticercosis involving the trunk in children – a report of 4 cases. APSP J Case Rep 2012 (in press).

25. Borkar NB, Pant N, Ratan S, Aggarwal SK. Laparoscopic repair of indirect inguinal hernia in children: does partial resection of the sac make any impact on outcome? J Laparoendosc Adv Surg Tech A. 2012; 22:290-4.

National journals

26. Sarin YK, Vats TS. Editorial: Pediatric Solid tumors. Indian J Pediatr. 2012; 79:774-5. Bhatnagar SN, Sarin YK. Neuroblastoma: a review of management and outcome. Indian J Pediatr 2012; 79:787-92.
27. Sarin YK, Bhatnagar SN. Wilms' tumor- roadmaps of management. Indian J Pediatr. 2012; 79:776-86.
28. Sarin YK, Bhatnagar SN. Extracranial malignant germ cell tumors. Indian J Pediatr. 2012 Jul; 79:928-35.
29. Dhua A, Sinha S, Sarin YK. Isolated mucormycosis in a post-pyeloplasty kidney in an immuno-competent child. J Indian Assoc Pediatr Surg. 2012; 17:132-4.
30. Dhua AK, Aggarwal SK, Sinha SK, Ratan SK. Soft tissue covers in hypospadias surgery: Is tunica vaginalis better than dartos flap? J Indian Assoc Pediatr Surg. 2012; 17:142-3.
31. Dhua AK, Aggarwal SK, Sinha S, Ratan SK. Authors' reply. J Indian Assoc Pediatr Surg. 2012 Jul; 17:142-3.
32. Sarin YK. Fate of Antenatally diagnosed pelvi-ureteric junction obstruction. Indian J Pediatr. 2012 Dec 22. [Epub ahead of print]
33. Sarin YK. Antenatal diagnosis of renal tumour: an opportunity lost. Indian J Med Paediatr Oncol. (in press).

5. CONFERENCE/ WORKSHOPS/ SYMPOSIA ATTENDED/PAPER PRESENTATION

1. Prof. YK Sarin and Dr. Shalini Sinha attended Percon-2012, 5th International Workshop on Basic and Advanced Techniques of PCNL; April 14-15, 2012, Lions Kidney Hospital & Urology Research Institute & Delhi Urology Associates & Delhi Urology Society, New Delhi.
2. Prof. YK Sarin attended Clinical Research Training Course (CRTC); Department of Biotechnology (DBT) & Department of Pharmacology, MAMC; April 16-20, 2012; New Delhi.
3. Prof. SK Aggarwal, Dr. SK Ratan, Dr. Shalini Sinha and Dr. Shandip Sinha attended annual Meeting of Delhi chapter of IAPS; 8-9 September 2012. Following papers/posters were presented:
 - i. Aggarwal SK, Sinha SK, Ratan SK, Mathur M, Singh S, Piplani R. Oesophageal replacement for corrosive stricture of oesophagus and pylorus: Composite Gastro-jejunal pull up with gastro-duodenal transection.
 - ii. Aggarwal SK, Ratan SK, Sinha SK. Lesser curve gastropasty to reduce bulk of stomach at the thoracic inlet.
 - iii. Aggarwal SK, Ratan SK, Sinha SK. Thoracic gastrostomy: an alternative to Stamm gastrostomy in long gap EA/TEF.
4. Prof. YK Sarin attended One Step- Metabolomics- Next Frontier in Newborn screening; Baby Shield and NNF; October 20, 2012, New Delhi.
5. Prof. SK Aggarwal, Dr. SK Ratan and Dr. Shalini Sinha and residents Dr. V. Deshpande and Dr. Mohit Mathur attended 38th Annual IAPS conference at Bhopal, 1-4 November, 2012. Following papers/posters were presented:
 - i. Sinha S, Sarin YK, Sharma A. Battery Injury to esophagus in children-an upcoming hazard in the last quarter century. (Best Paper in Foreign Body session).
 - ii. Sinha S, Sarin YK. Outcome of jejuno-ileal atresia associated with intraoperative finding of volvulus of small bowel.
 - iii. Sinha S, Sarin YK, Dhua AK. Refluxing unilateral lower loop ureterostomy – a feasible alternative to high diversion in patients with posterior urethral valves and neurogenic bladder.
 - iv. Deshpande V, Sinha S, Sarin YK. Our first half century with testicular prostheses in children.
 - v. Sinha S, Sarin YK. Paraspinal Neuroblastoma with opsomyoclonus ataxia syndrome (Poster)

- vi. Ratan SK, Sinha S, Mathur M, Khurana N, Garima Goel G, Aggarwal SK. Colonic Gastrointestinal Stromal Tumour (GIST) presenting with intussusception in an infant – A Case Report (Poster)
 - vii. Ratan SK, Sinha S, Gangrude A, Sharma BC, Singh S, Aggarwal SK. Use of pedicled omental onlay flap for post-traumatic intrahepatic major ductal injury saved hepatic resection in a child. (Poster)
6. Department of Pediatric Surgery organized bi-monthly meeting of Delhi chapter of IAPS on 8th December 2012. Following papers were presented:
- i. Singh S, Aggarwal SK, Sethi GR, Garg A, Khurana N, Ratan SK, Sinha SK. Role of Laparoscopy in chronic abdominal pain with mesenteric lymphadenopathy.
 - ii. Mathur MK, Ratan SK, Sinha SK, Aggarwal SK. Lap Assisted Transanal pull through: does extent of lap rectal mobilisation Influence outcomes.
 - iii. Ratan SK, Aggarwal SK, Sinha SK, Misra TK, Pandey R, Sharma A. Relation of local anatomic factors with hormonal profile in children with isolated hypospadias.
 - iv. Singh S, Sinha SK, Aggarwal SK, Sethi GR, Garg A, Khurana N, Ratan SK. Lap assisted J pouch for juvenile polyposis coli- report of two cases
7. Prof. YK Sarin and Dr. SK Ratan attended 32nd Annual Convention of National Neonatal Forum of India; December 13-16, 2012; New Delhi. Following poster was presented: Ratan SK, Soni A, Sarin YK. Patterns of infection in surgical neonates in a tertiary referral centre of a developing country-a pilot study.

6. Significant events (Honors to Faculty)

- 1. Prof. YK Sarin started the year as editor of a new electronic quarterly scientific journal -Journal of Neonatal Surgery (www.jneonatsurg.com). He was promoted to the editor-in-chief designation in October 2012
- 2. Prof. YK Sarin continues to be member of the Editorial Board of following journals:
 - a. Indian Journal of Pediatrics.
 - b. Pediatric Health, Medicine and Therapeutics.
 - c. Global Journal of Medical Sciences.
 - d. Open Pediatric Medicine journal.
 - e. Journal of Clinical Pediatrics published from Beijing, China.
 - f. Frontiers in Surgery
- 3. Prof. YK Sarin was Guest editor of Symposium on Pediatric Solid tumors in forthcoming issue of Indian Journal of Pediatrics.
- 4. Prof. YK Sarin is Guest Co-editor of special issue on Pediatric Surgery in Journal of National Academy of Medical Sciences (JIMSA).
- 5. Prof. YK Sarin has been nominated as Guest Co-editor of forthcoming special issue on Pediatric Urology in Journal of Clinical Pediatric Nephrology (JCPN).
- 6. Prof. YK Sarin is reviewer for following scientific journals
 - a. Indian Journal of Urology
 - b. Indian Journal of Pediatrics
 - c. Journal of Indian Association of Pediatric Surgeons
 - d. Indian Journal of Surgery
 - e. Urology Annals
 - f. APSP J Case Reports
 - g. Journal of College and Physicians and Surgeons of Pakistan
 - h. Journal of Neonatal Surgery.
 - i. Tumor Biology.
 - j. Proceedings of the National Academy of Sciences, Biological Sciences.
 - k. Journal of Medicine and Medical Science

- l. Journal of Clinical Case Reports
- m. International Journal of Medicine and Medical Sciences
- n. International Journal of Biotechnology Research and Practice
- o. Pan-African Journal of Medicine
7. Prof. YK Sarin is member of Macmillan Medical Communications KOL Panel for Pediatrics.
8. Prof. YK Sarin was nominated by National Board of Examinations as Central appraiser for written examinations to Thrivanthanapuram in December, 2012.
9. Prof. Y.K. Sarin was nominated by National Board of Examinations as Appraiser for National Eligibility-cum-entrance examination –Post Graduate (NEET-PG) to Mumbai in December, 2012.
10. Prof. YK Sarin delivered lecture ‘Dimples, tufts and tracts’ in 32nd Annual Convention of National Neonatal Forum of India; December 13-16, 2012; New Delhi.
11. Prof. YK Sarin and Prof. SK Aggarwal were appointed as appraiser for DNB program at Army Hospital R&R and Vardhman Medical College respectively in May 2012.
12. Prof. YK Sarin and Prof. SK Aggarwal took NBE/IGNOU teleconferencing teaching sessions on Gyan Darshan. Prof. YK Sarin taught Wilms’ tumor, while Prof. SK Aggarwal taught Hypospadias and traumatic urethral strictures in children.
13. Prof. SK Aggarwal was invited as expert for selection of faculty positions in KGMU, Lucknow; 16 April 2012.
14. Prof. SK Aggarwal was appointed as expert at ESI for selection of Specialist Grade II senior scale; 2 July 2012.
15. Prof. SK Aggarwal was invited as Extrenal examiner for MCh exam at AIIMS; 8-9 May 2012.
16. Prof. SK Aggarwal was appointed paper setter external for MCh exam of Gujarat University, June 2012.
17. Prof. SK Aggarwal assessed 3 dissertations from Gujarat university.
18. Prof. SK Aggarwal was appointed as paper setter for Rajasthan University for MCh entrance examination 2012.
19. Prof. SK Aggarwal delivered a public lecture on Hernia, Hydrocoele and Testes at RML Hospital as a part of Public Awareness campaign organised by Delhi IAPS; 7 September, 2012.
20. Prof. SK Aggarwal delivered lecture on Chronic abdominal pain in children surgical perspective – role of laparoscopy on 7 October 2012 in IAP west Delhi meeting.
21. Prof. SK Aggarwal was invited by SGPGI Lucknow as Visiting Professor and to operate on difficult case of traumatic Rectovaginal fistula, loss of rectal sphincter, previous failed repair in October 2012:
22. Prof. SK Aggarwal delivered lectures ‘Proximal hypospadias: stage or not to stage’ and airway Trauma: case based studies in 38th Annual Conference of IAPS 1-4 Nov, 2012; Bhopal.
23. Prof. SK Aggarwal operated on 3 cases (PSARP for HARM recto bulbar fistula, proximal hypospadias, and PUJ obstruction) in pre-conference workshop on 1 Nov, 2012 in Chirayu Medical College, Bhopal.
24. Prof. SK Aggarwal was appointed as advisor by UPSC to conduct Personality Test for Combined Medical Services Examination 3-6 Dec 2012; New Delhi.
25. Prof. SK Aggarwal was invited as faculty in Paediatric reconstructive Urology Course at Jeddah, 28 Dec 2012 to 2 Jan 2013.
26. Prof. SK Aggarwal and Dr SK Ratan continued as Chairperson and executive member respectively of IAPS Delhi Chapter.
27. Prof. SK Aggarwal, Dr. SK Ratan and Dr. SK Sinha are reviewers for Journal of Indian Association of Pediatric Surgeons and African Journal of Pediatric Surgery. Dr. SK Ratan is also reviewer for Indian Journal of Pediatrics.
28. Dr. SK Ratan is editorial board member of Pediatric Surgery subspecialty of Global Journal of Surgery.
29. Dr. SK Ratan delivered lecture ‘Simplifying Ambiguous Genitalia’ in 32nd Annual Convention of National Neonatal Forum of India; December 13-16, 2012; New Delhi.
30. Dr. SK Ratan chaired Session on Gastric pull up Annual IAPS Meeting, 8th -9th Sep 2012 at AIIMS.
31. Dr. SK Ratan acted as moderator for pre-conference operative workshop session at 38 Annual IAPS conference at Bhopal; 1 Nov 2012.

32. Dr. SK Ratan chaired session at on Pediatric Surgery in NEOCON; 24 December 2012.
33. Dr. Shalini Sinha presented a CME lecture on Management of antenatally detected megaureter in Consensus meeting on the management of antenatal hydronephrosis in Pediatric Nephrology Unit, AIIMS, New Delhi on 6th January, 2012.

7. REPRESENTATION ON EXPERT COMMITTEES/BODIES

1. Prof. Y. K. Sarin has been involved in many administrative activities of the Medical College and Hospital- Postgraduate Education Cell, Hospital Disability, Library committee, Security, Estates, Hospital Dharamshala, Purchase, Committee for MAMC Journal of Medical Sciences, Disaster Management committee. He is member of the Technical Advisory Committee of Govt. of NCT of Delhi for the specialty of Pediatric Surgery.
2. Prof. SK Aggarwal is a member of Drug list committee, Delhi Govt. and the committee in charge of Emergency OT.
3. Dr SK Ratan continues to be the member of Hospital Infection Control Committee, and Purchase committee of LN Hospital. She is liaison officer for Pediatric Surgery Deptt for procurement of essential drugs.
4. Dr. Shalini Sinha represented Department in Purchase Committee of Lok Nayak Hospital.
5. Dr. SK Sinha represented Department in Equipment Maintenance Committee of Lok Nayak Hospital.

8. HEALTH SERVICES TO THE COMMUNITY-

- a. Prof. YK Sarin participated in Public awareness program titled 'Childhood health problems' in the series 'Uthiye Achhe sawasthya ke Sath- Phone-in Program' organized by Prasar Bharti "All India Radio" on January 25, 2012.
- b. Prof. YK Sarin participated in Public awareness program titled 'Childhood health problems' in the series 'Uthiye Achhe sawasthya ke Sath- Phone-in Program' organized by Prasar Bharti "All India Radio" on February 15, 2012.
- c. Prof. YK Sarin and Dr. Shalini Sinha campaigned in hospital to create for public awareness about of childhood cancers by putting banners and posters in Lok Nayak Hospital and MAMC on International Childhood Cancer Day on February 15, 2012.
- d. Prof. YK Sarin was the only pediatric surgeon to be invited to International meeting Meeting of Indian Child Abuse, Neglect and Child Labor Group (ICANCL); March 11, 2012, New Delhi.
- e. Prof. S K Aggarwal participated in AINA, a live phone in program on TV Sahara channel to create awareness about ill-effects of junk food on April 2012.

9. LAB DATA

Department of Pediatric Urodynamics Laboratory performed cystometry and uroflowmetry on more than 100 patients. MCh residents were responsible for the smooth running of the Lab in the absence of any Lab technician.

PATHOLOGY

1) FACULTY

Dir. Prof. and Head	-	Dr Shyam Lata Jain (MD)
Dir. Prof.	-	Dr Tejinder Singh (MD, FICP, FISHTM)
		Dr Vinay Kamal (MD)
Prof.	-	Dr Nita Khurana (MD)
Assistant Prof.	-	Dr Richa Gupta (MD)
		Dr Seema Kaushal (MD)
		Dr Shipra Agarwal (MD)

2) RESEARCH SCHEMES:

Thesis completed-

1. Evaluation of bone histomorphology in Chronic Kidney Disease-Mineral Bone Disorder by Dr Khuraijam Bembem under Dr T Singh.
2. Vascular endothelial growth factor expression and its correlation with angiogenesis in Chronic Myeloproliferative Neoplasms by Dr Amita Jain under Dr T Singh.
3. To study the cytomorphological spectrum in serous effusions and its correlation with immunocytochemistry by Dr S Devi under Dr S Jain.
4. Cytomorphological spectrum and its correlation with immunocytochemical profile in Neoplastic Hepatic Mass Lesions by Dr Jenna Bhattacharya under Dr S Jain.
5. To study the expression of MIB-1, p53, estrogen and progesterone receptors in uterine smooth muscle tumors by Dr Poonam Rani under Dr V Kamal.
6. Angiogenesis in ovarian tumours and its correlation with estrogen and progesterone receptors by Dr Barkha Maheshwari under Dr. V Kamal.
7. Cytokeratin expression in Breast Cancer and its correlation with clinicopathological profile and hormone receptors by Dr Divya Sharma under Dr N Khurana.

Ongoing thesis –

8. Correlation of Flow cytometric analysis with morphology and cytochemistry in the diagnosis of acute lymphoblastic leukemia by Dr Parul Gautam under Dr Tejinder Singh.
9. Correlation of Flow cytometric analysis with morphology and cytochemistry in the diagnosis of acute myeloid leukemia by Dr Annapurna Saxena under Dr Tejinder Singh.
10. Expression of CD 10, E – cadherin and beta Catenin complex and it's clinicopathological correlation in breast carcinoma by Dr Vasudha Goyal under Dr Vinay Kamal.
11. Expression of ER/PR, CD 10 and Her-2-neu and it's clinicopathological correlation in ovarian epithelial tumours by Dr Chandni Garg under Dr Vinay Kamal.
12. Histological characterization of columnar cell lesions in patients with invasive breast carcinoma by Dr Roopal Rathi under Dr Nita Khurana.
13. A comparative study between the conventional system and the Bethesda system for reporting thyroid Cytopathology and their histopathological correlation by Dr Prasad under D-r Shyama Jain.

14. A study of cytomorphological spectrum of intraoperative space occupying lesion and its histopathological correlation by Dr Parth under Dr Shyama Jain.
15. Dr Ashu Singh: To study the immunocytochemical profile of EGFR(Epidermal Growth Factor Receptor) and kras (kirsten rat sarcoma viral oncogene) in cytological specimen of lung carcinoma. Under Dr. Shyama Jain
16. Dr Ashna Mittal: To evaluate p63 expression in equivocal breast lesions on aspiration cytology under Dr Shyama Jain
17. Dr Garima Rakheja: A study of HER2/neu expression in cervical carcinoma and its clinicopathological correlation under Dr. Vinay Kamal.
18. Dr Suniti Pahwa: The role of microvessel quantitation in colorectal carcinoma under Dr. Vinay Kamal
19. Dr Sushil Sharma: Topographical distribution and histological characterisation of stromal fibrosis and elastosis in invasive breast carcinoma under Dr. Nita Khurana
20. Dr Nishant Sagar: Correlation of flow cytochemistry with cytomorphology in Chronic Lymphoproliferative disorders under Dr. Tejinder Singh
21. Dr Vikram: Bone marrow findings in patients with HIV/AIDS disease under Dr. Tejinder Singh.

3) TRAINING COURSE / WORKSHOP ORGANIZED:

1. Organized 5th CME Pathology at MAMC, Oct'2012, and was attended by 250 delegates from all-over India.
2. Organized 4th workshop in Hematology "Workshop on Flow cytometry in Hematology" at MAMC, Oct'2012, and was attended by 150 delegates from all-over India.
3. Organized Delhi chapter IAPM conference in February 2012 attended by over 150 delegates.

4) PUBLICATION OF RESEARCH PAPERS DURING THE PERIOD:

1. Psammomatous colloid carcinoma breast with micropapillary pattern. Jain S, Khurana N, Rao S, Garg A, Kaza R. Breast J. 2012. Jan 12
2. Is antenatal detection of Wilm's tumour a bad prognostic marker. Jain V, Mohta A, Sengar M, Khurana N. Ind J Pediatr Oncol 32(40); 24-6
3. Epidermal Inclusion cyst in Breast: Is it rare? Meeta Singh, Barkha Maheshwari, Nita Khurana, Shyama Jain. Journal of cytology
4. Singh N, Khurana N, Jain S. Extraskelatal osteochondroma of the arm masquerading as a chondroid syringoma: A diagnostic pitfall on cytology. Indian J Pathol Microbiol. 2012 April-June;55(2):114-115.
5. Adenomatoid tumor of Epididymis with signet ring change: A morphological curiosity. Dhingra K, Kohli K, Mahajan N, Khurana N, Jain S. Cytopathol 2011; (Epub ahead of print)
6. Filariasis presenting as Gynaecomastia : An interesting case report. Kohli K, Jain S. The Breast journal (In press) .
7. Khera R, Gautam P, Gupta S, Arora P, Singh T, Gupta N. Adult T Lymphoblastic Leukemia (Pro-T ALL) with Reactive Monocytosis: A Case Report . Indian journal of Hematology and Blood transfusion. Aug 2012
8. Giant Hydatid Cyst within a Congenital Cystic Adenomatoid Malformation of the Lung Yogesh Kumar Sarin, Shalini Sinha, Anju Romina Bhalotra, Nita Khurana, Parul Sobti APSP J Case Rep 2013; 4(2):14]
9. Colonic Gastrointestinal Stromal Tumour Presenting as Intussusception. Simmi K Ratan, Garima Goel, Parul Sobti, Nita Khurana, Mohit Mathur, Shandip K Sinha, Satish K Aggarwal APSP J Case Rep 2013; 4(2):14

10. Multiple vessels in the umbilical cord: a report of four cases. Singh N, Rao S, Sobti P, Khurana N. Indian J Pathol Microbiol. 2012 Oct;55(4):597-8. doi: 10.4103/0377-4929.107846.
11. Anaplastic large cell lymphoma and lepromatous leprosy: a rare coexistence. Mahajan N, Rao S, Sobti P, Khurana N, Garg VK, Jain S. Lepr Rev. 2012 Mar;83(1):104-7. Review.
12. Fine needle aspiration of a lingual thyroid with Hashimoto thyroiditis. Singh M, Jha R, Jain S, Bansal R. Cytopathol 2012; Mar 26. doi: 10.1111/j.1365-2303.2012.00970.x. [Epub ahead of print].
13. Cyto morphological Profile of Neoplastic Effusions: An Audit of 10 years with Emphasis on Uncommonly Encountered Malignancies. Gupta S, Sodhani P, Jain S. J Can Res Therap; 2012; 8(4): 602-608.
14. Intra Vascular Papillary Endothelial Hyperplasia of Palate Masquerading as Adenoid Cystic Carcinoma on Aspiration Cytology: A Potential Diagnostic Pitfall on Cytology. Jain S, Khurana N, Gulati A. Cytopathol.
15. Fine needle aspiration cytology of soft tissue perineurioma: a case report . Singh N, Goel G, Bembem K, Khurana N, Jain S. Cytopathol In press
16. Ganglioneuroma Neck Masquerading as Benign Mesenchymal Lesion on Cytology: A Morphologic mimic. Mahajan N, Aggarwal S, Khurana N, Jain S, Gulati A. Cytopathol In press
17. Isolated Hydatid Disease of the Breast: Fine Needle Aspiration Cytologic Diagnosis in a Clinically Unsuspected Case. Ghosh N, Bharti J, Kausal S, Jain S, Jain R. The Breast Journal.
18. Post burn duct carcinoma breast: An unusual case report. Singh N, Rao S, Jain S. J Cytology 2013;30 (2): 139-41.
19. Invasive Maxillary Aspergillosis Masquerading as Malignancy in Two Cases: Utility of Cytology as a Rapid Diagnostic Tool' Sharma D, Mahajan N, Rao S, Khurana N, Jain S. J Cytology 2012; 29 (2): 194- 96.
20. Synchronous Multicentric Aggressive Fibromatosis. Kohli K, Dhingra K, Kawatra V, Khurana N, Jain S. J Cytology 2012; 29: 57-59 .

5) BOOKS / CHAPTERS CONTRIBUTED:

1. Singh T , Singh N (contributors) Formation of blood cells, Bone marrow biopsy. In : de Gruchy;s Clinical Hematology in Medical practice. 6th Edition (In press)
2. Singh T, Khera R. Primary Myelofibrosis and its differential diagnosis. Education book- Hematology today-2012.
3. Singh T, Khera R. Iron Overload Syndrome. In Hematology Atlas 2013 edited by Dr M.B. Agarwal.
4. Singh T. Hematology Atlas- 2013
5. Singh T. Book on Flow Cytometry. 2013

6. CONFERENCE / WORKSHOP / SYMPOSIUM ATTENDED:

1. CME in Pathology held at MAMC, October, 2012

Oral Paper presentations in various conferences 2012

- 1) To study the expression of MIB1, P53 & PCNA in uterine smooth muscle tumors. Dr. Poonam Rani (APCON, Jamnagar 2012)

- 2) Evaluation of bone histomorphology in chronic kidney diseases- mineral bone disorders(CKD- MBD) Dr. Khuraijam Bembem, (APCON, Jamnagar 2012)
- 3) Study of aberrant expression of myeloid associated antigens (CD13 and CD33) in cases of B-ALL: A series of 11 cases. Dr Parul Gautam, APCON, Jamnagar 2012
- 4) Chemotherapy related changes in breast carcinoma Dr Garima Goel. APCON, Jamnagar 2012

Poster presentations in various conferences 2012

1. A case series of Demodex mite infestation in various Dermatological lesions (Dr Parth Desai, Delhi Chapter IAPM-2012).
2. Plasma cell leukemia- case report (Dr Parth Desai, DSH-2012)
3. Hereditary Methemoglobinemia- case report(Dr Chandni Garg, DSH-2012)
4. Waldenstrom's macroglobulinemia: Unusual presentation in 2 cases(Dr Annapurna Saksena, Delhi Chapter –IAPM 2012).
5. Paediatric idiopathic myelofibrosis- a rare case report (Dr Annapurna Saksena, Delhi Chapter IAPM-2012)
6. Primary Inflammatory Intraosseous Meningioma-A rare case report(Dr Sangita Bohra, Delhi Chapter IAPM-2012)
7. Adenomatoid tumor of uterus: clinical, histopathological and immunohistochemical study in 3 cases(dr divya sharma, Delhi chapter IAPM 2012)
8. An unusually large Giant Benign Chondroid Syringoma of face: a case report(Dr Chandni garg, Delhi Chapter IAPM 2012)
9. Malignant Adenomyoepithelioma of breast; Cytologically masquerading as Adenoid Cystic Carcinoma: Diagnostic pitfall: a case report(Dr S Devi, Delhi Chapter IAPM 2012)
10. Chondrosarcoma neck on FNAC: A case report (Dr Prasad Dange, Delhi Chapter IAPM-2012)
11. Extraskelatal Osteochondroma of the arm masquerading as a Chondroid syringoma on cytology: A diagnostic pitfall on cytology(Dr Bem khuraijam, Delhi Chapter IAPM-2012)
12. Small bowel histomorphology in surgical complications of ascariasis: series of 8 cases(Dr Barkha Maheshwari, Delhi Chapter IAPM-2012)
13. Anaplastic Large Cell Lymphoma with Burkitts Lymphoma Like Morphology with Associated Rosai Dorfman Disease in a HIV Negative Hemophiliac Patient. – An Unusual Case Report (Dr Roopal rathi, Delhi Chapter IAPM-2012)
14. Aberrant expression of Myeloid associated antigens (CD13, CD33) in cases of B-ALL. Dr Neha Singh (Delhi Chapter), 25th February 2012, New Delhi.
15. Adult T lymphoblastic leukemia(Pro TALL) with reactive monocytosis: a case report(
16. Isolated Hydatid disease of the breast; Fine needle aspiration cytology diagnosis in a clinically unsuspected case(Dr Parul Gautam, DSC 2012)
17. Disseminated Histoplasmosis in non HIV patient diagnosed on bone marrow – A Case report (Dr Nivedita Ghosh, IAPM Delhi chapter-2012)
18. Testicular microlithiasis : a case report (Dr Poonam rani,IAPM Delhi Chapter 2012)
19. Neoangiogenesis in chronic myelogenous leukemia. (Dr Amita Jain. Delhi Chapter IAPM- 2012).
20. CYTOMORPHOLOGICAL SPECTRUM AND ITS CORRELATION WITH IMMUNOCYTOCHEMICAL PROFILE IN NEOPLASTIC HEPATIC MASS LESIONS : CASE SERIES. Dr Jenna Bhattacharaya

21. Granulomatous disease of the bone marrow: Clinicopathological analysis of 30 cases. Dr. Annapurna Saksena, APCON, Jamnagar 2012
22. Filarial cystitis mimicking bladder carcinoma- A case report. Dr Parth Desai, CYTOCON, Bhubaneswar 2012
23. Filarial Mastitis masquerading clinically as Inflammatory breast carcinoma. Dr Prasad Dange CYTOCON, Bhubaneswar 2012
24. Correlation of lymphocytic infiltrate within tumor with stage and nodal metastasis in breast carcinoma- A morphological study. Dr Roopal Rathi. CYTOCON, Bhubaneswar 2012.
25. Fine needle aspiration cytology of Xanthomatous lesion- A diagnostic pitfall. Dr Amita Jain. CYTOCON, Bhubaneswar 2012
26. Expression of sex steroid hormone receptors in nonneoplastic and neoplastic lesions of thyroid. Dr Parul Sobti, CYTOCON, Bhubaneswar 2012
27. Cytomorphology and immunohistochemistry in Intrahepatic Cholangiocarcinoma: An unusual case report. Dr Jenna Bhattacharya (feb 2012 IAPM delhi chapter MAMC).

Guest lectures taken by Faculty MAMC Pathology:

1. Faculty Speaker in CME, delivered a lecture on, 'FNAC Approach to Scrotal Mass Lesions' organized by Department of Pathology, MAMC, New Delhi, Oct 2012
2. Moderator cum Speaker in Symposium on, "CME on Hepatobiliary and Pancreatic Lesions" 42nd Annual Conference IAC, 30th Nov-3rd Dec 2012, Bhubneswar, Odisha
3. How to choose an abnormal population for gating? Workshop on Flow Cytometry. 12th October 2012, Maulana Azad Medical College, New Delhi Dr Neha Singh

7. REPRESENTATION ON EXPERT COMMITTEES:

1. Dr T Singh on expert committee of AMU
2. Dr T Singh on expert committee of MDU, Rohtak
3. Dr T Singh on expert committee of NTPC
4. Dr T. Singh on Editorial Board of IJPM'
5. Dr. T Singh on Editorial Board of Ind J. Hematology
6. Dr. S Jain is on the editorial board of 'Journal of Cytology'

8. HEALTH SERVICES TO THE COMMUNITY:

- Dr T Singh Involved in the National Thalassemia Control Programme
- Dr S Jain is Nodal Officer for "Cancer Detection Program" under Govt. of NCT, Delhi
- Dr S Jain is Co-coordinator for screening of early detection of cancer in women in 'Stree Shakti Abhiyan' under Govt. of NCT, Delhi
- Hematology Clinic – LN Hospital cases with hematologic disorders in the hematology clinic on Wednesdays are reported the same day.

9. LAB DATA:

Histopathology:

Samples reported: 14601
Frozen section reporting

Processing small biopsies and surgical specimens

Autopsy

Additional tests performed:

- i. Special stains
- ii. Immunohistochemistry

Hematology:

Samples reported: 11102

- Complete hemogram
- Peripheral smear
- ESR, PCV, Hematocrit
- Reticulocyte count
- Coagulogram
- G-6 PD estimation
- Hemoglobin electrophoresis
- High performance liquid chromatography for Hb A₂ and other abnormal hemoglobins
- Lupus anticoagulant
- Additional investigations:
 1. Special stains
 2. Immunohistochemistry

Cytology:

Samples reported: 6682

Fine needle aspiration cytology: Guided/unguided

Pap smear

Fluid analysis

Additional investigations:

- iii. Special stains
- iv. Immunohistochemistry

PHARMACOLOGY

1. FACULTY

Director Professor & Head	Dr. Uma Tekur, M.D.
Professor	Dr. Vandana Roy, M.D. Dr. Shalini Chawla, M.D.
Assistant Professor	(On Contract) Dr. Monika Agarwal, M.D.
Dr. Monica Gupta, M.D.	Dr. Bhupinder Singh Kalra, M.D.

2. RESEARCH SCHEMES

(a) Details about Ongoing projects during the year

Name of research project	
Prescription pattern and <i>adverse drug reactions</i> monitoring in Rheumatoid arthritis patients of <i>tertiary care hospital</i>	Dr Bhupinder Kalra, Dr Neeraj, Dr Shivani Bhagat, Dr Uma Tekur

Ongoing thesis

S.No	Title of thesis work	Name of student
1.	Clinical pattern of carbamazepine and phenytoin induced cutaneous reactions and its association with HLA-B*1502 allele.	Dr Rahul Arora, PG 2nd Yr Supervisor-Dr. Uma Tekur Co-supervisor-Dr. Shalini Chawla Co-supervisor-Dr. Vijay Kumar (HOD Dermatology)
2.	Study of drug utilization and adverse drug reactions in outpatients of psychiatry department in a tertiary care hospital	Dr Shweta Sharma PG 2nd Yr Supervisor- Dr. Shalini Chawla Co-supervisors Dr. Uma Tekur, Dr. RC Jiloha (HOD Psychiatry)
3.	Monitoring blood levels of rifampicin in children suffering from tuberculosis at doses administered under the revised national tuberculosis control programme	Dr Amit Arya PG 2nd yr Supervisor-Dr. Vandana Roy Co-supervisor-Dr. Uma Tekur, Dr Seema Kapoor
4.	A comparative study of drug therapy in diabetic peripheral neuropathic pain (DPNP).	Dr Manoj PG 1st Yr Supervisor: Dr. Uma tekur Co-supervisor: Dr. Vinod puri, Dr. Vandana roy
5.	Drug utilization and adverse drug reaction monitoring in indoor patients receiving cancer chemotherapy	Dr Manushi Aggarwal PG 1st Yr Supervisor: Dr. Shalini chawla Co-supervisor: Dr. Kishore singh, Dr. Uma tekur
6.	Quantitative, qualitative and cost analysis of fixed dose drug combination in Indian market	Dr Akhil Dahiya PG 1 st Yr Supervisor: Dr. Vandana Roy Co supervisor Dr. Shalini Chawla

Monitoring of Adverse Drug Reactions -
Department of Pharmacology, MAMC is Peripheral Pharmacovigilance Centre

Clinical research training center by DBT for conduct of training program

(B) Details about thesis completed/ongoing during the year

Completed PG Thesis

S.No.	Title of Thesis work	Name of PG student
1	Evaluation of anti inflammatory, anti nociceptive activity & gastric tolerability of diclofenac, ibuprofen, celecoxib and tramadol when given alone or in combination in rats	Dr. Yangshen Lhamo PG 2nd yr Supervisor-Dr. Uma Tekur Co-supervisor-Dr. Shalini Chawla
2.	Analytical study of Drug prescribing, pharmaco-economic and quality of life in patients of chronic kidney disease	Dr. Ashish Ranjan PG 2nd yr. Supervisor-Dr. Shalini Chawla Co-supervisor- Dr. Uma Tekur, Dr. N.P.Singh
3	Blood levels of isoniazid in children suffering from tuberculosis at doses administered under the revised national tuberculosis control programme	Dr. Gaurav Rangari. PG 2nd yr. Supervisor-Dr. Vandana Roy Co-supervisor-Dr. Uma Tekur, Dr. G.R.Sethi, Dr.T.K.Mishra

3. TRAINING COURSES/ CONFERENCES/ WORKSHOPS ORGANIZED –

Dr Uma Tekur organised-

- 3rd Workshop on “Clinical Research Training Course” sponsored by Department of Biotechnology, Ministry of Science & Technology, Government of India held from 16th to 20th April 2012, in the Department of Pharmacology, Maulana Azad Medical College, New Delhi.
- Seminar on Advanced Pharmacovigilance on 22nd Nov 2012 in Department of Pharmacology, MAMC sponsored by Indian Pharmacological Society.

Dr. Vandana Roy-

Organized and coordinated MAMC-SPICMACAY Virasat 2012, February 6-11, February, a cultural festival cum workshops with the college students

4. PUBLICATION DURING THE PERIOD

Agarwal M, Roy V. Fairness creams in the Indian market. Indian Journal of Clinical Practice 22(12): 2012; 605-664.

Gosh RK, SM Ghosh, S Chawla and SA Jasdanwala. SGLT2 Inhibitors :A new emerging therapeutic class in the treatment of Type 2 diabetes mellitus. J of Clinical Pharmacology, 2012;52:457-463

Kalra B, Roy V. Efficacy of metabolic modulators in ischemic heart disease: an overview. J Clin Pharmacol. Journal of Clinical Pharmacology 2012, 52: 292-305.

Kaur Preeta, B.S.Kalra, Nitin Kaushik, Uma Tekur. Evaluation of anti inflammatory activity, effect on blood pressure and gastric tolerability of Antidepressants. Accepted in Indian journal of medical research.

Lahoti Amit, Bhupinder Singh Kalra ,Uma Tekur . Evaluation of the analgesic and anti inflammatory activity of fixed dose combination NSAIDs in experimental animals. Accepted in Indian Journal of Dental Research.

Rangari G, Roy V, Sethi GS, Mishra TK, Kumar A Tekur U. INH concentrations in children at doses administered under the revised national tuberculosis control programme. Indian Journal of Pharmacology. 44: 2012; Supplement S 180 (Abstract)

Roy V , Gupta U, Agarwal A.K. Costs of medicines and their affordability in private health facilities in Delhi (India). Indian Journal of Medical Research. 136: 2012;189-197.

Roy V. , P Sahni, P Gupta , GR Sethi , A Kumar. Blood levels of pyrazinamide in children at doses administered under the revised national tuberculosis control programme of India . Indian Pediatrics .(Print)49(9): 2012(September); 721-5.

Navjot K, Roy V. Ecopharmacovigilance: need of the hour. 2Nd International and 4th National Conference of Indian Society of Rational Pharmacotherapeutics (ISRPT)- 2012. RG Kar Medical college, Kolkatta- 700 04 , Nov 29-30th, Dec 1st 2012(Abstract book)

Roy, V, Gupta U, Agarwal A. Impact of an essential medicines program on rational use of medicines in public health facilities in Delhi (India). Abstract book: Asia Pacific Conference on National Medicines Policies- Better health through National medicine Policies, 62: 26-29th May, 2012, Sydney.

Roy V, Gupta U, Agarwal A. prescribing practices in private health facilities in Delhi (India). Abstract book. Asia Pacific Conference on National medicine Policies- Better health through National Medicine Policies,64: 26-29th May, 2012, Sydney.

Roy V, Gupta U, Agarwal A. Costs of medicines and their affordability in private pharmacies in Delhi (India). Abstract book: Asia Pacific Conference on National Medicine Policies- Better health through National Medicine Policies, 64: May 26-29, 2012, Sydney.

Roy, V. Improving access to low cost, quality medicines: implementation of a drug policy based on the essential medicine concept in public health facilities in Delhi (India). Abstract book: Asia Pacific Conference on National medicine Policies- Better health through National Medicines Policies, 61:26-29th May, 2012,Sydney.

Roy V, Dharamshaktu, Daga M, Hadke N. Surveillance of antimicrobial use among inpatients in a tertiary care teaching hospital in New Delhi, India: assessing need for policy development. Abstract book: Asia Pacific Conference on National medicine Policies- Better health through National medicine Policies, 62: May 26-29th, 2012, Sydney

Roy V, Dharamshaktu, Daga M, Hadke N. Economic analysis of expenditure on antimicrobial medicines in a public sector, tertiary care, teaching hospital in New Delhi (India): assessing need for policy development. Abstract book: Asia Pacific Conference on National Medicine Policies- Better health through National Medicine Policies, 63:May 26-29th, 2012, Sydney.

Tekur Uma, B.S.Kalra. Monitoring interventional programme of drug utilization in a health facility of Delhi. Indian J Med Res 2012; 135:675-677

5. BOOKS (WRITTEN/EDITED) /CHAPTERS CONTRIBUTED –

Dr Uma Tekur

Prescribing in Special situations.Chapter in API Textbook Of Medicine.Editor YP Munjal.Publisher Jaypee Brothers Medical publishers.9th Edition.2012

6. CONFERENCE/WORKSHOPS/SYMPOSIA ATTENDED/ PAPER PRESENTATION

Dr Vandana Roy

International

1. Participated in Asia Pacific Conference on National medicine Policies- better health through national medicine Policies, May 26-29th, 2012. Sydney. Organized by NPS: better choices better health, Government of Australia, Department of health and Aging, University of Newcastle and World Health Organization.

National

1. Participated in FICCI Higher Education Summit 2012. Higher Education in India- Quest for Excellence. November 5-6th 2012. At FICCI. Organized by Federation for India Chambers of Commerce & Industry, New Delhi.
2. Participated in the 6th FICCI HEAL conference on Universal Health : Dream or reality, August 27-29th, 2012. At FICCI, New Delhi. Organized by Federation for India chambers of commerce & Industry and Ministry of Health, Government of India.

Dr Shalini Chawla

National

Second Workshop on Pharmacokinetics & Pharmacodynamics Modeling: Concepts & Applications on Manipal College of Pharmaceutical Sciences, Manipal University, Manipal (23-25 Aug ,2012)

International Conference of Pharmacoeconomics and Outcomes Research New Delhi, India 23rd November 2012 at India Habitat Centre, Lodhi Road, New Delhi - 110003, India

3rd Workshop on “Clinical Research Training course” sponsored by Department of Biotechnology, Ministry of Science & Technology, Government of India held from 16th to 20th April 2012, in the Department of Pharmacology, Maulana Azad Medical College, New Delhi was attended by -

Dr Shalini Chawla
Dr Monica Gupta
Dr. Gobind Rai Garg
Dr Preeta Kaur
Dr. Ashish
Dr Rahul
D Amit

Dr Monika Agarwal
Dr Bhupinder singh kalra
Dr Neeraj
Dr Yangsheen
Dr Gaurav
Dr Shweta

Dr Shariq attended:

National Teachers Training Course on “Education Science Technology” on 31st October to 2nd November 2012 at Department of Medical education, Maulana Azad Medical College, New Delhi

7. SIGNIFICANT EVENTS (HONOURS TO FACULTY)

Dr Uma Tekur successfully completed the Fellowship of CMCL-FAIMER Regional Institute, CMC, Ludhiana, India

8. FELLOWSHIP

Dr Uma Tekur has been awarded the “Member of the National Academy of Medical Sciences”

9. REPRESENTATION ON EXPERT COMMITTEES/ BODIES.

Dr. Uma Tekur

1. Member Standing Committee to review life saving drugs, clips & equipments for custom duty exemption Ministry of Health & Family Welfare, Govt. of India.
2. Expert for formulating PG/UG curriculum Pharmacology MCI
3. Expert for formulating PG/UG curriculum Pharmacology Delhi University
4. Member Deptt research committee Delhi University
5. Member Institutional Ethical Committee MAMC New Delhi
6. Member Institutional Ethical Committee Rajiv Gandhi Cancer institute new Delhi
7. Institutional Animal Ethical Committee member secretary MAMC New Delhi
8. Member Committee for formulating of Anti Biotic Policy of Lok Nayak Hospital New Delhi
9. Member Group for research & advancement in Clinical Ethics (GRACE an NGO) New Delhi
10. Vice President of Delhi Society for promotion of rational use of drugs (DSPRUD) New Delhi
11. Examiner & Paper setter for Delhi University & outside Universities including National Board of Examination AIIMS New Delhi, Guru Gobind Singh IP university, BHU, Shere- Kashmir institute of medical sciences, JIPMER .
12. Member of advisory committee for Ph.D students UCMS
13. Member committee for selection of EM-GOVT NCT of Delhi
14. Member committee for guidelines for PG & Ph.D in MAMC
15. Member committee for selection of books for NML
16. Chairperson of IAEC of national institute of biological, New Delhi
17. Member – course committee BDS examinations Delhi University
18. Member Expert Committee to examine issues related to advertisement of emergency contraceptive pills in the media
19. Member of selection committee of Scientific Officers ICMR
20. Expert for selection for faculty post in Tanzania
21. Member Stem cell ethical committee AHERFDEC, Apollo Hospital, Delhi
22. Expert Consultant regarding issue of drugs to CGHS beneficiaries- GOI, Nirman Bhawan
23. Member Procurement of anti tubercular drugs under the RNTCP
24. Reviewer for 1) Indian journal of pharmacology
2) DBT Projects
3) DCGI Projects

Dr. Vandana Roy

1. Member General Body, Central Social and Welfare Board, Ministry of Women and Child Welfare, Government of India (2009-2012).
2. Member of Essential Medicines Committee, Ministry of Health and Family Welfare, Government of Delhi (2010)
3. Member Expert Committee for Expansion of Gender Resource Centres, Suvidha Kendras, Government of Delhi (2010)
4. Member of the Special Purchase Committee for Medicines and surgical consumables, for the Directorate of Health Services, Ministry of Health and Family Welfare, Government of Delhi.
5. Member Courses Committee for Pharmacology, University of Delhi
6. Chairperson of MAMC- SPIC MACAY committee (Society for Promotion of Indian Classical Music, Arts and Culture Amongst Youth), MAMC.
7. Secretary Committee for Prevention of Sexual Harassment, MAMC.

8. Member of Waste Disposal Committee, MAMC.
9. Member Committee for Procurement of Equipment costing less than Rs. 5 lakhs for MAMC and associated Hospitals
10. Member Expert committee of the Selection Committee for interview of candidates for post of senior residents on regular basis in Pharmacology, MAMC (2010).
11. Member Committee for Essential Drugs in Pharmacy, Lok Nayak hospital
12. Member Committee for Scrutiny, evaluation of pre qualification bids of hospital open tender, 2009-2010. Group 2, Drugs and Medicines, Lok Nayak Hospital.
13. Member Essential Documents Evaluation Committee for Group No. 22. i.e. Drugs and Medicines for Hospital Open Tender, (2009-2010), Lok Nayak Hospital.
14. Member Independent Sentinel Ethical Committee for reviewing Clinical protocols, Fortis Clinical Research, Faridabad
15. Nomination as an expert member on Board of specialty in Clinical Pharmacology for drafting/ updating the curriculum for DM course in the specialty of Clinical Pharmacology by Medical Council of India (2010-2011).
16. Expert Member, Selection Committee for Assistant/ Associate Professor in Jamia Milia Institute, September 2010.
17. Expert Member, Board of studies, Teerthanker Mahaveer Medical College & Research Centre, Moradabad. July 2010.

Dr Shalini Chawla

1. Member of college purchase committee for articles under 5 lakh
2. Member committee for assessment of value of condemn goods MAMC
3. Examiner & Paper setter for SMS Jaipur, VMMC & Safdurjang medical college, New Delhi, Shere- Kashmir institute of medical sciences
4. Member of Department Research Committee, Delhi University
5. Member of Courses committee Pharmacology, Delhi University
6. Secretary of College festival committee (Goonj & Synapse)
7. Member of Expert committee on registration of Pesticides
8. Member of subcommittee for harmonization of data on pesticide registration

Dr Bhupinder Singh Kalra

Member of Institutional Animal Ethical Committee. MAMC New Delhi

Dr Monica Gupta

Member of Institutional Ethical Committee, Civil Hospital, Gurgaon

Member of Institutional Ethical Committee, Paras Hospital, Gurgaon

10. LAB DATA

- a) Chemistry Lab (Pharmacokinetic lab) -

Name -	no of test
Lithium estimation	60
Steroid estimation	55

11. NEW FACILITIES ADDED:

Drug information service: Queries replied - 8

PHYSIOLOGY

Name of the Head of the Department: Dr. Rashmi Babbar

1. Faculty:

S.No.	Name of the Faculty	Designation
1.	Dr. Rashmi Babbar	Dir.Prof &HOD
2.	Dr. A.K. Jain	Dir. Professor
3.	Dr. D. Robinson	Dir. Professor
4.	Dr. V.P. Varshney	Dir. Professor
5.	Dr. BalKrishna	Professor
6.	Dr. M. Satyanarayan	Professor
7.	Dr. Daya Ram Haldwani	Professor
8.	Dr. S.K. Bajaj	Professor
9.	Dr. Aarti Sood Mahajan	Professor
10.	Dr. Mona Bedi	Professor
11.	Dr. Preeti Jain	Asstt. Professor
12.	Dr. Shivani Agarwal	Asstt. Professor (contractual)

2. RESEARCH SCHEME:

(a) On going project:-

- 1) A Sero-epidemiological study of dengue in adults in urban slums of Delhi. (Dr. AK Jain)
- 2) A comparative study of ANS in normal, obese and malnourished children (Dr. V P Varshney, Dr. Mona Bedi)
- 3) Gender differences in ANS activity in children (Dr. V P Varshney, Dr. Mona Bedi)
- 4) Physiology of handwriting and its application in the identification process (Dr. V P Varshney, Dr. Mona Bedi)
- 5) Role of acupuncture in treating of patients of low backache (Dr. V P Varshney, Dr. Mona Bedi)
- 6) UGC funded project, 'Effect of administration of MDL, Tempol in 6-OHDA lesioned animal model of Parkinson's disease' (Dr. Balkrishna)

(b) Details of thesis completed during current year:

- 1) Cognitive functions with neuro-physiological and electro-physiological profile with Vit. B₁₂ deficiency (Supervisor- Dr. Rashmi Babbar)
- 2) To study the role of meditation in improving the physiological and biochemical parameters in patient of CAD (Supervisor- Dr. AK Jain)
- 3) To study the effect of exercise on pulmonary function tests in normal, 1st degree relations of asthmatic patients (Supervisor- Dr. D.R.Haldwani, Co-Supervisors- Dr. A K Jain, Dr. D.P. Bhadoria)
- 4) A study of cardio-vascular and adreno-cortical reactivity in children of hypertensives (Supervisor-Dr. V P Varshney, Co-Supervisor- Dr. Mona Bedi)
- 5) Evaluation of cognitive and haemostatic function in subclinical hypothyroid patients. (Dr. Aarti Sood Mahajan)

3. PUBLICATIONS DURING THE PERIOD:

- 1) S. Kumar, R. Babbar. V P Varshney, M K Daga, V S Dalvi -- A Study of Autonomic Nervous System Status in Children of Asthmatic Parents (Indian Journal of Physiology and Pharmacology. Volume 56- Nov.1- Jan March 2012).
- 2) R.Babbar, Shivani Aggarwal -- Commentary- A new approach to hypobaric hypoxia induced cognitive impairment. (Indian J. Med. Res. 136, September 2012. pages 365-367)
- 3) Navpreet Mann, R.Sidhu, R. Babbar -- Brainstem auditory evoked responses in different phases of menstrual cycle. (J. Clinical and diagnostic research. 2012, Vol. (10) – pages 1640-1643).
- 4) S Kaur, NP Singh, AK Jain, A Thakur -- Study of the correlation of serum leptin with BMI (A nutritional marker) in patients of End Stage Renal Disease, who were on maintenance Haemodialysis. (J. Clinical and diagnostic Research. 6(1), 17-20, 2012).
- 5) S Kaur. NP Singh, AK Jain, A Thakur -- Malnutrition in End Stage Renal Disease: Role of serum leptin. (Asian student Medical Journal. 10:3:2012)
- 6) VP Varshney, M Bedi -- A Study of brainstem auditory evoked potential (BAEP) in migraine patients in inter-ictal period. (International Journal of Biomedicine 2012, 32(4), 526-529).
- 7) VP Varshney, M Bedi -- A Study of CV & AC stress reactivity in children of hypertensives (Poster). (IJPP Vol. 56 No.5 Supple 2012).
- 8) Shivani Agarwal, Payal Bhalla, Simran Kaur, R. Babbar -- Effect of BMI on physical self concept, cognition and academic performance of first year medical students.-- (Accepted for publication in Indian J Med. Res)

4. BOOKS/CHAPTERS/CONTRIBUTED:

Dr. Rashmi Babbar

- 1) Dr. Rashmi Babbar has contributed a chapter (Endocrinology and Special senses) in text book of physiology by “Guyton and Hall” Ed. 13th. Publisher- Elsevier (South Asia edition)

Dr. A.K. Jain

Dr. A.K. Jain has written the following books during the year. All published by Avichal Publishing Company, Karol Bagh, New Delhi.

- 1) Manual of practical physiology for BDS IVth Edition
- 2) Text book of physiology (Vol. I). Vth Edition
- 3) Text book of physiology (Vol. II). Vth Edition
- 4) Human physiology for BDS Vth Edition
- 5) Anatomy & physiology for Nurses IVth Edition

5. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED:

Dr. V.P. Varshney

- 1) ESIC multidisciplinary update Oct. 9-10, 2012, Delhi
- 2) APPICON 2012, Dec. 18-20, 2012, Subharti Medical College, Meerut.

Dr. Balkrishna

- 1) Attended 2nd International Congress on Gerontology and Geriatric Medicine 2012 on 25th-29th Feb. 2012 held at AIIMS, New Delhi.

Dr. Daya Ram Haldwani

- 1) Participated the 21st annual conference, Indian society of otology on 23rd, 25th Nov. 2012 at Swabhumi Gleneagles Hospital, Kolkata. Organized by Indian Society of otology, West Bengal branch.

- 2) Attended the international meet on climate, the work place and lungs” held on 6th-8th Dec. 2012 at New Delhi. Organized by Inderprastha Vyavasaik Evam Paryavaraneeya Samiti.
- 3) Attended ICU conference 2012 organised by IMA East Delhi Branch & East Delhi anesthesiology forum on 9th Dec. 2012 at IMA East Delhi Branch, Karkardooma, Delhi.

Dr. S.K. Bajaj

- 1) Invited as speaker at CME on “Hands on workshop on Computer Assisted Learning in Physiology and Pharmacology” organized by Association of Physiologist and Pharmacologist of India (APPI), Meerut branch on 24 April 2012 at Subharti Medical College, Meerut.
- 2) Resource Person at Pre-conference workshop (APPICON 2012) on “Alternative to Animal” on 16th Dec. organized at Subharti Medical College, Meerut.

Dr. Aarti Sood Mahajan

- 1) Participated in 3 conferences in medical education (NTTC) on education science technology on 25-26 Sept., 31st Oct.-2nd Nov. and 19-21 Dec. 2012

Dr. Mona Bedi

- 1) ESIC multidisciplinary update Oct. 9-10, 2012, Delhi
- 2) APPICON 2012, Dec. 18-20, 2012, Subharti Medical College, Meerut.

6. SIGNIFICANT EVENTS (HONOURS TO FACULTY):

Dr. Rashmi Babbar

- 1) Dr. R. Babbar has delivered a guest lecture in Society of Life Sciences, University of Delhi in the month of March 2012.

Dr. A.K. Jain

- 1) Appointment as technical expert to set up medical college at Hindu Rao Hospital, New Delhi.
- 2) Till date written 51 books in the subject of physiology for all levels students. (05 books in this year)

Dr. Balkrishna

- 1) MCI Assessor to various college.
- 2) Evaluation of Ph.D. thesis
- a) Studies on morphological and functional alteration of testes under the influence of catechin with possible prevention (Surender Ghosh, University of Kolkata)
- b) Effect of Yoga and meditation on different physiological parameters in chronic tobacco smokers (Bijendra Kumar, Rajasthan University)

7. REPRESENTATION ON EXPERT COMMITTEE/BODIES:-

Dr. Rashmi Babbar was nominated as:

- 1) Life member of ‘Association of Physiologists and Pharmacologists of India’.
- 2) Life member of ‘International Medical Science Academy’.
- 3) Member of ‘Professional Women’s Advisory Board, American Biographical Institute, North Carolina’.
- 4) Member of ‘Expert Committee for Review of Articles for Publication in Indian Journal of Medical Research’.

- 5) Member of 'Board of Examiners for Evaluation of Ph.D. and M.D. Thesis in All India Institute of Medical Sciences, New Delhi'.
- 6) Member of 'Faculty of Medical Sciences, University of Delhi'.
- 7) Nominated member of Post Graduate Syllabi Sub-Committee of Medical Council of India.
- 8) On panel of examiners for 'National Board of Examinations, New Delhi'.
- 9) Subject expert for ICMR projects.
- 10) Subject expert for selection of faculty for Hamard University.
- 11) Subject expert for selection of faculty for NELGRIHMS Shillong.
- 12) Subject expert for selection of faculty for BHU-Varanasi
- 13) Subject expert for selection of faculty for KGMU –Lucknow
- 14) Subject expert for selection of faculty for ESI Hospital – Delhi.
- 15) Nominated by board of governors of MCI for preparation of the curriculum for the MBBS students
- 16) External expert "Board of studies, Deptt. of Physiology", Hamdard Institute of Medical Sciences and Research, Jamia Hamdard.
- 17) Chairperson "Ethical Committee of Physiology" DIPAS.
- 18) Member "Selection Board for Faculty of new AIIMS"
- 19) Member "Board of Editors for South Asia advisory Board" text book of Physiology- Guyton and Hall
- 20) Member "Board of Editors for South Asia advisory Board" – Lippincott William Wilkins books
- 21) Member National Advisory Board of "International Journal of Physiology"

Dr. A.K. Jain was nominated as:

- 1) An Expert member of selecting faculty positions in Physiology for various U.P. Medical Colleges by Public Service commission, Allahabad, U.P.
- 2) On the panel of experts for Selection Committee for recruitment of specialist of Punjab (Amritsar University).
- 3) On advisor panel of D.J. College of Dental Sciences and research, Modinagar, (U.P)
- 4) On panel of expert at HAMRC Research Advisory Committee DIPAS, New Delhi.
- 5) On panel of examiner for "National Board of Examiners" New Delhi.
- 6) Member of Board of Examiners for evaluation of post graduate thesis at Amritsar, Allahabad and Rajasthan University.
- 7) Honorary Inspector Medical council of India (MCI), New Delhi.
- 8) Life member for association of Physiologist and Pharmacologist of India.
- 9) Purchase Officer of MAMC, New Delhi.
- 10) Nominated member of undergraduate and Post graduate syllabi committee, Medical Council of India, New Delhi.
- 11) An Expert member of selecting faculty positions in Physiology for ESI hospital, Rohini, New Delhi.
- 12) Advisor for the Physiotherapist post journal, Banarsidas Chandiwalla Institute of Physiotherapy, Kalkaji, New Delhi.
- 13) Advisor for IPH, New Delhi for ethical committee, curriculum framing.

Dr. Balkrishna

- 1) On panel of examiners of MBBS of IP University
- 2) On panel of examiners of MD of Santosh Medical College, U.P.
- 3) On panel of examiners of MBBS, MD of Rajasthan University of Health Science

PULMONARY MEDICINE

Name of the Head of Department: Harmanjit Singh Hira

1. Faculty

S.No.	Name of Faculty	Designation
1	Dr Harmanjit Singh Hira	Director Professor

2. RESEARCH SCHEME

(a) On going project:

Serum levels of catalase and superoxide dismutase in patients with obstructive sleep apnea syndrome

(b) Details of thesis completed during current year

To assess Xanthine and hypoxanthine serum level markers of Tissue stress in patients with sleep hypoxic oxidative sleep apnea syndrome

To assess the efficacy of fiberoptic pleuroscopy in patients with undiagnosed exudative pleural effusion

6. Trainees from other agencies:

S.No.	Name of the trainees	Sponsoring agency	Period of Training
1	Dr. S R Sarma	ONGC	July 2012

3. PUBLICATIONS DURING THE PERIOD:

1. Hira HS. Obstructive Sleep Apnea-hypopnea Syndrome-A Developing Countries Perspective. In Jindal SK, et al eds. Handbook of Pulmonary and Critical Care Medicine. Jaypee Brothers Medical Publishers (P) Ltd. New Delhi, London 2012: 570-577.
2. Hira HS, Kaur A, Shukla A. Acute neuromuscular weakness associated with dengue infection. Journal of Neurosciences in Rural Practice 2012;3:36-39.
3. Shukla A, Kaur A, Hira HS. Pregnancy Induced Haemophagocytic Syndrome. Journal of Obstetrics and Gynecology India; DOI 10.1007/s13224.011.0073-o
4. Shukla A, Kaur A, Hira HS. Pregnancy Induced Haemophagocytic Syndrome. Journal of Obstetrics and Gynecology India 2012; 62 (April):

4. BOOKS/ CHAPTERS /CONTRIBUTED:

- (a) Hira HS. Obstructive Sleep Apnea-hypopnea Syndrome. In Jindal SK, et al eds. Textbook of Pulmonary and Critical Care Medicine. Jaypee Brothers Medical Publishers (P) Ltd. New Delhi, London 2012: 1580-1592.

5. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED:

5. How and when to suspect obstructive sleep apnea syndrome on 29.10.2011 at NAPCON-2012
6. Interpretation of Arterial Blood Gases on 17.12.2012 at Medicine Update-2012 at MAM College

6. REPRESENTATION ON EXPERT COMMITTEE/BODIES:-

- a) Dr H S Hira was nominated as Member of Board of Governors of National Institute of Pharmaceutical Education and Research (NIPER).
- b) Dr H S Hira was nominated as Chairperson of Ministry of Information and Technology, Government of India of steering committee on project for design and development of respiratory devices
- c) Member of board of specialty of Pulmonary Medicine of Medical Council of India
- d) Elected president of respiratory and sleep care foundation of India.

7. HEALTH SERVICES TO THE COMMUNITY:

Smoking cessation programme

8. LAB DATA:

- a) Name of the Lab: **Respiratory Laboratory**
- b) Name and no. of the test perform

Name of Test	Numbers
• Spirometry	• 2764
• Special Spirometry	• 63
• Fiberoptic Bronchoscopy	• 257
• Pleural Tapping	• 86
• Arterial Blood Gases	• 14569
• Serum Electrolytes	• 4099
• Match Testing	• 392
• Polysomnography	• 102

Respiratory ICU Data: 234 patients admitted

Percentage of growth as compared to previous year: 2.34%

Indoor patients: 435

Percentage of growth as compared to previous year: 13.40%

9. New Facilities added:

Step 2 RICU of four beds

RADIODIAGNOSIS

Name of the Head of department : Dr. Veena Chowdhury, M.D

1. FACULTY

Director Professor & Head	Dr. Veena Chowdhury, M.D.
Director Professor	Dr. Anju Garg, M.D.
Professor	Dr. Gaurav S. Pradhan, DMRD, DNB
Professor	Dr. Alpana Manchanda, M.D.
Professor	Dr. Rashmi Dixit, M.D.
Professor	Dr. Anjali Prakash, DMRD, DNB
Associate Professor	Dr. Sapna Singh, MD, DNB
Associate Professor	Dr. Jyoti Kumar, MD, DNB

2. RESEARCH SCHEME

Thesis completed in April 2012

1. Role of MDCT in stroke evaluation.
Dr. Ashok Mithra, Dr. Veena Chowdhury, Dr. Anjali Prakash, Dr. Vinod Puri,
Dr. Debashish Chowdhury.
2. Role of CT perfusion in characterization of colonic lesions.
Dr. G. Suganya, Dr. Anju Garg, Dr. Veena Chowdhury, Dr. Anil Agarwal,
Dr. A. S. Puri.
3. Evaluation of musculoskeletal lesions by MRI.
Dr. Suman Rashpa, Dr. Rashmi Dixit, Dr. Veena Chowdhury,
Dr. Shyamlata Jain, Dr. Sumit Sural.
4. MRI imaging of renal masses.
Dr. Nishat Amina, Dr. Anjali Prakash, Dr. Veena Chowdhury, Dr. Sumedha Pawa,
Dr. R.C.M. Kaza.
5. CT perfusion of neck masses and correlation with surgical findings.
Dr. Satya Prakash, Dr. Gaurav Pradhan , Dr. Veena Chowdhury,
Dr. Alpana Manchanda, Dr. A.K. Kakar.
6. Characterization of pulmonary nodules by dynamic enhanced MDCT.
Dr. Awnish Kumar, Dr. Alpana Manchanda, Dr. Shyamlata Jain, Dr. Gaurav Pradhan
7. Clinico- radiological assessment for prediction of difficult laproscopic cholecystectomy in gall stone disease. Singh S., Jindal R.K., Kakkar A, Garg A.
8. A Predictive value of 2nd trimester uterine artery Doppler in patients with low first trimester maternal serum pregnancy associated placental protein A (PAPPA). Varma D, Gupta S, Manaktala U, Garg A, Kapoor S.

9. Outcome of shortening osteotomy in cases of unstable thoracolumbar joint fractures, Dr. Arpit Goyal (Orthopedics), Dr. Sumit Sural, Dr. Anil Dhal, Dr. Alpana Manchanda
10. Study of hyperbilirubinemia in patients with amoebic liver abscess. Dr. Navdeep Malhotra (Surgery), Dr. A.K. Sarda, Dr. Alpana Manchanda

Thesis to be submitted in 2013

1. Evaluation of focal breast lesions using ultrasound elastography. Dr. Anuradha Dawani, Dr. Alpana Manchanda, Dr. RCM Kaza, Dr. Shyamlata Jain, Dr. Jyoti Kumar.
2. Evaluation of focal pancreatic lesions using multi detector computed tomography and perfusion computed tomography. Dr. Abhishek Arora, Dr. Veena chowdhury, Dr. Rashmi Dixit, Dr. Sapna Singh, Dr. Anil Aggarwal.
3. Evaluation of hepatic fibrosis in chronic Liver diseases using ultrasound elastography. Dr. Virender Jain, Dr. Rashmi Dixit, Dr. Veena Chowdhury, Dr. A.S.Puri, Dr. Ranjana Gondal.
4. Role of multidetector computed tomography in the evaluation of small bowel obstruction. Dr. Navneet Gupta, Dr. Anju Garg, Dr. A.K. Sarda, Dr. N. S. Hadke, Dr. Jyoti Kumar.
5. Sonography spectrum of rheumatoid arthritides, Dr. Ronak Patel, Dr. Gaurav Pradhan, Dr. Anju Garg, Dr. Anjali Prakash, Dr. Suresh Kumar.
6. Correlation of Doppler assessment of aortic isthmus with perinatal outcome in fetuses with intrauterine growth restriction. Tantuwai B, Mala Y.M, Tripathi R, Garg A.
7. To evaluate the role of BUN, CRP and multislice CT as early predictors of severity of acute pancreatitis. Roy S, Jindal R.K, Kakkar AK, Garg A, Singh R. .
8. Sonographic evaluation of apophyseal ossification of iliac crest in forensic age diagnostics in living individuals. Dr. Mohit Chauhan, Dr. PC Dixit, Dr. Anil Aggarwal, Dr. Gaurav S. Pradhan.
9. To study alteration in resistive index of renal vasculature following extra corporeal shock wave lithotripsy. Dr. Rahul Jain, Dr. Jagdish Chandra, Dr. V.K. Ramteke, Dr. Gaurav Pradhan.
10. Evaluation of alteration in testicular perfusion after laparoscopic total extra peritoneal repair of inguinal hernia. Dr. Babul Bansal, Dr. V.K. Ramteke, Dr. Jagdish Chandra, Dr. Pawanindra Lal, Dr. Gaurav Pradhan
11. Analysis of the Reliability and Diagnostic Accuracy of the Clinical tests in sub-acromial Impingement Syndrome. Dr. Pritam Kumar Agarwal. Dr. Sapna Singh.
12. Effect of Chemo-radiation on levels of Vascular endothelial growth factors, angiopoietin -2 and laminin in patients with stage III cancer cervix, Dr. Mayank aggarwal(Radiodiagnosis), Dr. Manoj Sharma, Dr. Radhika Arora, Dr. Alpana Manchanda, Dr. Alpana Sharma.
13. Early prediction of enteral feeding tolerance in very low birth weight patient infants using superior mesenteric artery blood flow velocity. Dr. Nidhi Jain (Pediatrics), Dr. Sidharth Ramji, Dr. Ajay Kumar, Dr. Alpana Manchanda

14. Assessment of outcome of percutaneous drainage of amoebic liver abscess with complications. Dr. Lokendra (Surgery), Dr.A.K. Sarda, Dr. Alpana Manchanda, Dr. S.K.Jain
15. Role of MRI in assessing cases of cervical cancer planned for surgery, Dr. Jyotsna Kashyap, Dr. Swaraj batra, Dr. Gauri Gandhi, Dr. Alpana Manchanda
16. Conclusion of weight loss after laparoscopic sleeve gastrectomy with assessment of reduction in stomach volume using computed tomography – Dr. Manoj Kumar Midha (Surgery), Dr.Pawaninder Lal, Dr. Jagdish Chandra, Dr. Alpana Manchanda
17. To evaluation the accuracy of ultrasonography and ultrasound guided fine needle aspiration cytology in the assessment of axillary lymphnodes in breast carcinoma and its correlation with histopathological findings. Dr. Sanchit Rastogi, Dr. R.C.M.Kaza, Dr. Shyama Jain, Dr. Alpana Manchanda.

3. CONFERENCES/WORKSHOP ORGANISED

1. Organised the 6th course of AIIMS-MAMC-PGI on MSK and Breast held in New Delhi on 2nd-3rd March.
2. Organised a workshop on 1st trimester anomaly & screening on 31st may 2012 the 8th international symposium (India 2012) of the ISUOG.

4. PUBLICATIONS

Publication of Research papers 2012-13 - 7 (seven)

1. Cortical Excitability in drug naive Juvenile Myoclonic Epilepsy Seizures. Puri V., Sajan PM, **Chowdhury V**, Chowdhury N,.
2. Reversible cerebral and brain stem dysfunction in n-hexane neuropathy. Puri V., **Chowdhury V**, Chowdhury N, Das Gupta A. Muscle nerve Journal of Am. Assoc. of Neurology.
3. Eosinophilic gastroenteritis as unusual cause of acute abdomen-accepted for publication in Hongkong Journal of Radiology **Dr. R. Dixit, Dr. V. Chowdhury, Dr. P. Nagpal, Dr.A. Prakash, Dr. S.Singh**
4. Case Report- Scoliotic deformity and asymptomatic cervical syrinx in a 9 year old with caudal regression syndrome. Dr. Ankur Singh, Dr. Seema Kapoor, **Dr. Gaurav Pradhan**, Dr.V.K. Gautam, Dr. Simmi K Ratan - Journal of Pediatric Neurosciences, official journal of Indian society for Pediatric Neurosurgery : Vol.7, Issue -3, Sep.-Dec. 2012.
5. Rectal Involvement in neutropenic enterocolitis
Gupta S, Kapoor S, Mandal RN, **Prakash A** Indian Journal of pediatrics, Vol. 379/2012.
6. Posterior reversible Encephalopathy syndrome in a child with meningitis presenting with transient visual loss and hypertension. Panda M. Rustogi D, Singh A, Kapoor S, **Singh S**, Mandal R. Indian Journal pediatrics doi 10. 1007/S/12098- 012-0937-2.
7. Abdominal cocoon-a rare cause of intestinal obstruction: A report of two cases. **Jyoti Kumar, Anju Garg, Veena Chowdhury, Anjali prakash, Sapna Singh**. Arab Journal of Gastroenterology 13 Sep 2012 doi 10.1016/j.ajg.2012.08.007.

5. BOOKS (Written/Edited/Chapters contributed) 2012-13

Dr. Veena Chowdhury edited the book Diagnostic Radiology- musculoskeletal and breast imaging 3rd edition. Chowdhury, Gupta, Khandelwal. Jaypee brothers 2012.

Dr. Anju Garg and Dr. Anjali Prakash co-edited the same.

The following chapters were contributed in the book Diagnostic Radiology –

Dr. Veena Chowdhury – “Imaging in bone marrow disorders” Diagnostic radiology Musculoskeletal & Breast imaging 3rd. ed. Chowdhury, Gupta & Khandelwal. Jaypee Brothers 2012.

Dr. Anju Garg- “Malignant bone tumours”

Dr. Gaurav Pradhan - “Tuberculosis of bones and joints. “

Dr. Anjali Prakash – “Magnetic resonance imaging of the hip & pelvis”

Dr. Rashmi Dixit – “Caries Spine”

Dr. Sapna Singh – “Magnetic resonance imaging of the knee.”

Dr Jyoti Kumar- “Degenerative disease of the spine and joints.”

6. Participation of faculty in (a) International conferences held abroad (b) International conferences held in India (c) National conferences.

Dr. Veena Chowdhury

Attended the 65th annual conference of IRIA at Hyderabad from 27th -31st Jan. 2012.

Attended the 6th course of AIIMS-MAMC-PGI imaging course series. MAMC 2nd and 3rd march.

Dr. Anju Garg

International :- 5th SAARC Congress of Radiology held in Dharan-Nepal, 16 th to 19 February.

National – 6th course of AIIMS-MAMC-PGI on Musculoskeletal & Breast Imaging held in MAMC, Delhi on 2nd and 3rd March.

8th International Symposium 2012 of the International society of ultrasound in obstetrics & Gynaecology (ISUOG) held in Delhi May 31-June 3.

Breast Biopsy Education Programme 2012 (BBEP) at AIIMS- 9th-10 Oct. 2012,

11th Delhi ultrasound update organised by the Delhi chapter of IFUMB in Delhi, 15-14 October. 2012,

Dr. Alpana Manchanda

Attended the annual conference of IRIA at Hyderabad from 27th -31st Jan. 2012.

Delhi imaging updates 2012 (the annual congress of Delhi State chapter of IRIA) on 25-26th Feb. 2012 at Scope complex, Delhi.

State imaging (Specialised training in advance in Radiology) on 15-16 May 2012, Delhi

Virtual Touch-ARFI users meet 2012 on 21th July 2012, Hyderabad.

Resonance 2012- symposium on Cranial MRI on 25-26Aug.2012 Delhi.

11th Delhi ultrasound update (IFUMB, Delhi Chapter) on 13-14th Oct. 2012, Delhi.

An International Meet on climate of the workplace and the lungs on 6th-8th Dec.2012 at MAMC, Delhi

Dr. Rashmi Diixit

STAR imaging course specialized training in advance in radiology- 15th-16th May, 2012

Workshop on 1st trimester USG- international society of ultrasound in obs & gynaecology-31st May.

Dr. Anjali Prakash

65 IRIA- Hyderabad- January 2012.

Delhi Imaging update, 2012 25th & 26th Feb. 2012

STAR – specialised training in advance in radiology 15-16th May 2012.

International workshop on Epilepsy – chaired a session- Feb-2012

Dr Sapna Singh

Attended Delhi imaging update (DIU) on 25th and 26th February 2012 at Delhi.

Attended “Cranial MRI” Conference held at New Delhi on 25th August 2012.

Attended ‘AIIMS-MAMC-PGI’ imaging course series on musculoskeletal and breast imaging held on 2nd & 3rd March 2012, at MAMC New Delhi.

Dr. Jyoti Kumar

AIIMS- MAMC- PGI Imaging course Series on “Muskuloskeletal and Breast Imaging” held on 2nd-3rd March,2012 at MAMC, New Delhi

“Cranial MRI” held on 25th August, 2012 in New Delhi.

‘MR Fest 2012- Advanced course on neuroradiology and neck’ held on July 27-29, 2012 in Goa.

‘Breast biopsy education programme’ held on 9th-10th October, 2012 at AIIMS, New Delhi
International Meet on climate, the workplace and the lungs” held from 6th-8th December, 2012 at MAMC, New Delhi.

7. SIGNIFICANT EVENTS (Guest lectures delivered)

Dr. Veena Chowdhury

Delivered a lecture on “Imaging in bone marrow disorders” at AIIMS-MAMC-PGI imaging course

Dr Anju Garg

“CT imaging of colitis” At the 5th SAARC Congress held in Dharan, Nepal (17th Feb)

“Antenatal diagnosis of surgical conditions at 5th pediatrics surgery update in MAMC, Feb. 2012.

“Malignant Bone Tumour” at AIIMS-MAMC-PGI imaging course.

“Chorionicity in first trimester – Methodology & Relevance” at workshop on 1st trimester anomaly & screening at 8th international symposium India 2012 of the ISUOG in Delhi (31st May 2012)

“Imaging in Twins” at 11th Delhi ultrasound update- 14th October, 2012.

Dr. Gaurav Pradhan

Delivered lecture as Faculty Titled –“Tuberculosis of bones and joints“ in 3rd course of AIIMS – MAMC- PGI imaging series held on 2-3 March 2012 at MAMC, New Delhi.

Dr. Rashmi Dixit

Delivered a lecture on “Caries Spine” at AIIMS-MAMC-PGI imaging course

Dr.Alpana Manchanda

Delivered a talk on “imaging for occupational respiratory disorders” In “International Meet on climate of the workplace and the lungs” held from 6th-8th December, 2012 at MAMC, New Delhi.

Dr. Anjali Prakash

Delivered a lecture on “MRI of hip and pelvis” at AIIMS-MAMC-PGI imaging course

Dr.Sapna singh-

Delivered a lecture on Magnetic resonance imaging of the knee in AIIMS-MAMC-PGI imaging series

Conducted a film reading session in imaging course on Cranial MRI held on 25th August 2012 in New Delhi.

Dr. Jyoti Kumar

Imaging of environmental lung diseases. In “International Meet on climate of the workplace and the lungs” held from 6th-8th December, 2012 at MAMC, New Delhi.

Conducted film reading session in Imaging course on “Cranial MRI” held on 25th August, 2012 in New Delhi.

Degenerative disease of spine- In AIIMS- MAMC- PGI Imaging course Series

Conducted film reading session in 3rd course of AIIMS- MAMC- PGI Imaging course Series on “Musculoskeletal and Breast Imaging” held on 2nd-3rd March,2012 at MAMC, New Delhi

8. REPRESENTATION ON EXPERT COMMITTEES / BODIES

Dr. Veena Chowdhury

- i) Selection Committee at AIIMS, PGIMER Chandigarh
- ii) National Board of Examination.
- iii) Medical Council of India.
- iv) NTPC

Dr. Anju Garg

- i) National Board of Examination.

Dr. Gaurav S. Pradhan

Expert member selection board at ESI Corporation
National Board of Examination.

Dr Alpana Manchanda

- i) Medical Council of India
- ii) National Board of Examination.

Dr. Rashmi Dixit -

- i) National Board of Examination.

Dr. Anjali Prakash -

- i. Member epilepsy surgery programme G.B. Pant Hospital, New Delhi.
- ii. Faculty member HIV Fellowship programme MAMC, New Delhi.
- iii. National Board of Examination.

Dr. Sapna Singh-

- iv. National Board of Examination.

Dr. Jyoti Kumar-

- i) National Board of Examination.

9. HEALTH SERVICES TO THE COMMUNITY

Faculty members, Senior Residents, Junior Residents and Technical Staff took part in Pulse Polio Immunization Programme.

10. LAB DATA

Statistical Data for the period 1/1/12 to 31/12/12
Details enclosed.

11. ANY OTHER WORTH MENTIONING INFORMATION :

The book 'Diagnostic Radiology : Musculoskeletal & breast imaging 3rd edition. Editors: Chowdhury, Gupta & Khandelwal. Jaypee brothers 2012, edited by Dr. Veena Chowdhury & co-edited by Dr. Anju Garg and Dr. Anjali Prakash was awarded 4 stars by Doody's international book review service. This indicates an excellent review.

STATISTICAL DATA

Conventional X-Ray

1.	OPD X-ray	:	29061
2.	Ortho X-ray	:	33118
			62179
3.	Digital Radiography (Emergency+Main)	:	196197
4.	IN BED (Routine+Em.)	:	8939
5.	M.L.C. (Conventional +CT)	:	8629
			4072
			12701
	Grand Total Conventional	:	283944
8.	ULTRASOUND & COLOUR DOPPLER (Main X-ray & Em.)	:	39825
9.	WHOLE BODY C.T. SCAN (Em. & Main X-ray)	:	26745
10.	M.R.I.	:	7419
11.	Special Investigation	:	4883

RADIOTHERAPY

Name of Head of Department: DR. KISHORE SINGH

1. FACULTY :

S No.	Name of faculty	Designation
1.	Dr. Kishore Singh	Director-Professor & Head
2.	Dr. A.K.Bahadur	Director-Professor
3.	Dr. Manoj Sharma	Professor
4.	Dr. Arun Kumar Rathi	Professor
5.	Dr. Vikas Madholia	Assistant Professor

2. RESEARCH SCHEME:

A. Ongoing project:

- Study of drug utilization and adverse drug reaction in patients receiving anticancer drug in the department of radiotherapy by Dr. Manushi Aggarwal, Deptt. of Pharmacology under Supervisor Dr Shalini Chawla and Co – Supervisor Dr. Kishore Singh
- Prospective Randomized Controlled Trial Comparing Adjuvant Chemotherapy Vs. no Chemotherapy for Patients with Carcinoma of Gallbladder Undergoing Curative resection. Dr. Kishore Singh and Dr. P K Mishra, Deptt. of G I Surgery, G B P H.

B. DETAILS OF THESIS COMPLETED DURING CURRENT YEAR:

- Dr Archana Jha: To study the expression of EGFR and P 53 in recurrent / residual squamous cell carcinoma of head and neck.
- Dr. Mayank Agarwal: Effect of Chemo-irradiation on levels of vascular endothelial growth factors, Angiopoietin-2 and Laminin in patients with stage III cancer cervix.

3. PUBLICATIONS DURING THE PERIOD:

- Dr. Kishore Singh and Dr. Babita Bansal. Radiotherapy for non CNS pediatric solid tumors. Proceedings of Pediatric Surgery Update 2012; p 277 – 290.
- Ashutosh Mukherji, Arun K Rathi, Kanika Sharma, Vikash Kumar, Kishore Singh, Anil K Bahadur. Review of male breast carcinoma in Indian patients: A single institution experience. JIPMER Journal of Oncology 2012; 1(1): 41-48.
- Shekhar S, Rathi A K, Singh K, Bahadur A K, Bansal B, Sarkar A. The prognostic implications of leucocytosis in malignancy. Radiation Oncology The official publication of Northern Chapter of Association of Radiation Oncologists of India 2012; 12(1): 16 - 22.
- Ashutosh Mukherji, Arun K Rathi, Kishore Singh. Local and distant recurrence occurring after 20 years in carcinoma breast. JIPMER Journal of Oncology 2012; 1(1): 41-48.

5. Sharma M, Rajappa M, Satyam A, Khan R, Abhishek A, Sharma A (2012) Molecular and circulatory expression of insulin growth factors in Indian females with advanced cervical cancer. *Asian Pacific J. Cancer Prev.* 2012; 13(12):6475-9.
6. Khan R, Sharma M., Kumar L, Husain SA Sharma A. (2012) Interrelationship and expression profiling of cyclooxygenase and angiogenic factors in Indian patients with multiple myeloma. *Annals of Hematol.* 2012, Sept 6. [Epub ahead of print]
7. Bhagirath D, Abrol N, Khan R, Sharma M, Seth A, Sharma A (2012) Expression of CD147, BIGH3 and Stathmin and their potential role as diagnostic marker in patients with urothelial carcinoma of the bladder. *Clin Chim Acta.* 2012 Oct 9;413(19-20):1641-6.
8. Sarkar, A, Singh, K, Rathi A K, Bansal, B, Shekhar, S. Radiation in management of meningioma. *Radiation Oncology* 2011; 11:59-69 (Published in 2012).
9. Sharma M, Sharma A, Arora R Challenge in developing countries to cure the incurable beyond FIGO/ TNM cancer cervix stage: Balanced chemo-radiation techniques. 14th Biennial Meeting of the International Gynecologic Cancer Society (IGCS 2012), held at Vancouver , Canada from 13-16 October, 2012
10. Sharma M, Sharma A, Arora R, Priya B Tolerance levels to post-op chemo Martinez radiation in stage III ovarian cancer: It's necessity. 14th Biennial Meeting of the International Gynecologic Cancer Society (IGCS 2012), held at Vancouver , Canada from 13-16 October, 2012.
11. Sharma M, Sharma A, Arora R , Abhishek A Sharma K. Haemostatic chemotherapy in bleeding cancer cervix. 14th Biennial Meeting of the International Gynecologic Cancer Society (IGCS 2012), held at Vancouver , Canada from 13-16 October, 2012
12. Sharma A, Khan R, Aggarwal M, Sharma M. Role of Angiogenic markers and Laminin in post treatment (neoadjuvant chemoradiation) disease mapping in advanced stage carcinoma of uterine cervix. 14th Biennial Meeting of the International Gynecologic Cancer Society (IGCS 2012), held at Vancouver , Canada from 13-16 October, 2012.
13. Seema Chugh, Laxman C, Manoj Sharma, Amlesh Seth and Alpana Sharma. Role of Th17 cells in transitional cell carcinoma of urinary bladder. 5th FIMSA 2012 held at Hotel Le Meridian, New Delhi, March 14-17, 2012 (Best paper award).

4. CONFERENCE / WORKSHOPS / SYMPOSIUMS ATTENDED:

A. Dr. Kishore Singh:

- i. Delhi NCR Oncology Meet of NCR Oncology forum, New Delhi.
- ii. RGCON – 2012, 11TH International Conference of Rajiv Gandhi Cancer Institute and research Centre, New Delhi.
- iii. Delhi Neurological Oncology Group under Indian Society of Neuro-Oncology (ISNO), New Delhi.
- iv. Update in oncology X (2012) by Sir Ganga Ram Hospital, New Delhi.
- v. 34th Annual National Conference of the Association of Radiation Oncologists of India – AROICON 2012, Kolkata.
- vi. NZAROICON 12 – Annual Conference of North Zone Association of Radiation Oncologists of India, Bathinda, Punjab.

B. Dr. Manoj Sharma:

- i. International Gynec Cancer Conference, Vancouver Canada Oct.13-16 2012
- ii. Association of Radiation Oncologists of India, Kolkata Nov 2012
- iii. National Cancer Registry Project Symposium, New Delhi
- iv. Palliative Care Workshop, New Delhi
- v. Paediatric Surgery Update, New Delhi
- vi. Rajeev Gandhi Cancer Institute Conference on Colo Rectal Cancers, New Delhi
- vii. Rajeev Gandhi Cancer Institute Gynec Cancer Conference, New Delhi
- viii. RML Hospital Conference on “Disease in men”, New Delhi
- ix. Max Hospital Conference on Head and Neck Cancers

C. Dr. Arun Kumar Rathi:

- i. Delhi NCR Oncology Meet of NCR Oncology forum, New Delhi.
- ii. Update in oncology X (2012) by Sir Ganga Ram Hospital, New Delhi.
- iii. 34th Annual National Conference of the Association of Radiation Oncologists of India – AROICON 2012, Kolkata.
- iv. NZAROICON 12 – Annual Conference of North Zone Association of Radiation Oncologists of India, Bathinda, Punjab.
- v. 5th Pediatric Surgery Update, MAMC, New Delhi
- vi. Innovations in oncology, Targeted therapies and cancer vaccines, New Delhi
- vii. Academia-2012, IMA Ghaziabad, UP
- viii. CME on Update on management of recurrent brain tumor, New Delhi
- ix. Lung stereotactic body radiation therapy (SBRT), New Delhi

5. SIGNIFICANT EVENTS (Honours to Faculty):

A. Dr. Kishore Singh

- a. Delivered **guest lecture** at
 - “National Seminar on oral cancer: challenges and remedies” organized by Dr. Ziauddin Ahmed Dental College, Aligarh Muslim University, Aligarh, on topic “Radiation therapy in oral cancers”.
 - Pediatric Surgery Update 2012, MAMC, Delhi.
- b. **Chaired session** at:
 - i. Symposium on “Stereotactic body radiation therapy (SBRT) in Multi modality approach to liver, lung and spinal tumors” January 28, 2012 by Max Hospital, Delhi.
 - ii. Update on “Management of Recurrent Brain Tumor” by Action Cancer Hospital, New Delhi.
 - iii. “National Seminar on oral cancer: challenges and remedies” on September 22, 2012 organized by Dr. Ziauddin Ahmed Dental College, Aligarh Muslim University, Aligarh.
 - iv. North Zone Association of Radiation Oncologists of India conference - NZAROICON 12, Bathinda, Punjab.
 - v. International meet on “The Climate, The Workplace & The Lungs” organized by Centre for Occupational and Environmental Health (IVPSS), New Delhi.
- c. **Panelist** in discussion on:
 - i. “National Oncology Congress, 2012 Lung Cancer Old Problem – New Solution”, by Dharamshila Hospital and Research Center, Delhi.

- ii. “Glioblastoma” at meeting of Delhi Neurological Oncology Group under Indian Society of Neuro-Oncology (ISNO), New Delhi.
 - iii. “Management of hormone receptor positive metastatic breast cancer after primary hormone failure AI / Faslodex Vs M-TOR inhibitors” at Update in oncology X 2012 “Selected debates in breast cancer” by Sir Ganga Ram Hospital, New Delhi.
- d. **Judge for:**
- i. For poster session to select best posters for oral presentations (34th Annual National Conference - Association of Radiation Oncologists of India “AROICON 2012”, Kolkata.
 - ii. For best oral presentation among selected best posters for award of Parvati Devi Gold Medal and J M Pinto Gold Medal (34th Annual National Conference - Association of Radiation Oncologists of India “AROICON 2012”, Kolkata.
- e. **Examiner:**
- i. For MD Radiotherapy at Institute of Medical Sciences, BHU, Varanasi.
 - ii. For MD Radiotherapy Delhi University, Delhi.
 - iii. For MD Radiotherapy at Pravara Institute of Medical Sciences, Rural Medical College, Loni (Maharashtra).
 - iv. For MD Radiotherapy at S P M C Bikaner, Medical University of Rajasthan, Jaipur.
 - v. For viva voce of PhD in Radiotherapy at Dr. BRAIRCH, AIIMS, New Delhi.
 - vi. For DMRT at J L N Medical College, AMU, Aligarh.
 - vii. For evaluation of thesis for MD (Radiotherapy) of All India Institute of Medical Sciences, New Delhi.
- B. *Dr. Manoj Sharma:*
- i. Emedinews “Best Doctor of the Year” Award (Oncology)
 - ii. Cancer Aid and Research Foundation Mumbai, Award of Excellence in Oncology.
 - iii. Chaired Two Session in Rajeev Gandhi Cancer Institute conferences on Colo-rectal Cancers and Gynec Cancers.
 - iv. Delivered Guest Lecture in UROLOGY Conference in RML
 - v. Chairing a session on Conformational Radiation therapy techniques in CA prostate in International Prostate Ca conference organised by RML Hospital.
 - vi. Palliative Care Workshop AIIMS Guest Lecture on “Significance of Follow Up in Palliative care.”
 - vii. Federation of Obstetricians and Gynecologists of India :Lecture on “Preventive Oncology”
 - viii. Chairing session and Guest Lecture on “ Geriatric Oncology in Geriatric Medicine Conference held at MAMC, Org Sec. Dr. Dhanwal
 - ix. International Geriatric Medicine Conference.Held at AIIMS Lectured on Geriatric Oncology
 - x. Head and neck Cancers conference held at BL Kapoor Memorial Hospital : “10 minutes of Preventive Oncology”
 - xi. AIIMS Pediatric Cancer Awareness Conference on 10th November Guest Lecture on Pediatric Cancer Awareness.
 - xii. Chaired a session in : Max Hospital Conference on Head and Neck Cancers, New Delhi
- C. *Dr. Arun Kumar Rathi:*
- a. Chaired session / Panelist in
- i. Delhi NCR Oncology Meet of NCR Oncology forum, New Delhi.
 - ii. Update in oncology X (2012) by Sir Ganga Ram Hospital, New Delhi.

- iii. 34th Annual National Conference of the Association of Radiation Oncologists of India – AROICON 2012, Kolkata.
- iv. NZAROICON 12 – Annual Conference of North Zone Association of Radiation Oncologists of India, Bathinda, Punjab.
- v. 5th Pediatric Surgery Update, MAMC, New Delhi
- vi. Innovations in oncology, Targeted therapies and cancer vaccines, New Delhi
- vii. Academia-2012, IMA Ghaziabad, UP
- viii. CME on Update on management of recurrent brain tumor, New Delhi
- ix. Lung stereotactic body radiation therapy (SBRT), New Delhi

ii. Examiner:

- i. For MD Radiotherapy Delhi University, Delhi.
- ii. For MD in Radiotherapy at Dr. BRAIRCH, AIIMS, New Delhi.
- iii. For DMRT at J L N Medical College, AMU, Aligarh.
- iv. For evaluation of thesis for MD (Radiotherapy) of All India Institute of Medical Sciences, New Delhi.
- v. For MD Radiotherapy at SKIMS, Srinagar.
- vi. For MD Radiotherapy at Gujarat University.

6. FELLOWSHIP:

- i. Fellow of Indian College of Radiation Oncology Awarded by Indian College of Radiation Oncologists
 - ii. Kirloskar Theratronics Limited Fellowship to Travel Abroad to Dr. Manoj Sharma.
 - iii. Fellowship was awarded by AROI and availed by Dr. A. K. Rathi, Professor at city of Hope, Duarte, and Long Beach Memorial Medical Center, California, USA in January, 2012.
 - iv. Fellowship was awarded by WHO and availed by Dr. A. K. Rathi, Professor at Bangkok, Thailand in July, 2012.
7. Representation on expert committee/ bodies:

A. *Dr. Kishore Singh* nominated by:

- i. MCI for assessment of RCC, Thiruvananthapuram for starting of MD (Radiotherapy).
- ii. VMMC & S J Hospital, New Delhi as advisor for selection of faculty.
- iii. Institute for Liver and Biliary Sciences, New Delhi as member of specification committee for procurement of radiotherapy equipments.
- iv. CSIR as member of the Expert Committee for selection of Senior Research Associates (Pool Scientists) in Medical Sciences.
- v. IRCH, AIIMS, New Delhi as subject expert in Purchase committee.
- vi. Delhi Medical Council expert for complaints of negligence.
- vii. DHS, Govt. of NCT of Delhi, as member of committee for “Selection of essential medicines”
- viii. DHS, Govt. of NCT of Delhi, as Member committee to apprise the Medical Institutions for recognition as Recognized Medical Institution (RMI), Drugs Control Department.
- ix. Dean MAMC, as member library committee, MAMC.
- x. MS, Lok Nayak Hospital, Delhi as member Auction committee, Lok Nayak Hospital, Delhi.
- xi. MS, Lok Nayak Hospital, Delhi as member of condemnation board, Lok Nayak Hospital, Delhi.

- xii. IVPSS at Centre for Occupational & Environmental Health, New Delhi as member of supervisory committee for Associate Fellow of Industrial Health Course (AFIH).
- xiii. MS, Lok Nayak Hospital, Delhi as Chairman of committee for technical approval of purchase of items for general store.
- xiv. DGHS, as member of committee for technical audit of prescription of life saving / costly medicines at CGHS Medical Store, GOI, New Delhi.

B. Dr. Manoj Sharma:

- i. Govt of India Ministry of Health High power committee on EMR/ Mobile Phone Related Health hazards.
- ii. Govt of India Ministry of Health and Family Welfare Representative to Evaluate Kozhi Kode Medical College for Regional Cancer Treatment Centre.
- iii. Medical Council of India : Inspector for Medical Colleges at Raichur, Karnataka and Dharbhanga Bihar, Radiotherapy Department Allapuzha, Keralam
- iv. National Board of Examination:
 - 1. Expert for accreditation of Radiotherapy Department.
 - 2. NBE Examiner for DNB 2012
 - 3. Appraiser for Entrance and Exit Examination of National Board:
- v. Judge in prelude to world No Tobacco Day. With cancer patient Aid Association
- vi. Judge, MTNL Delhi Govt. Perfect Health Mela, New Delhi

Organizer of IGNOU NBE Broadcast :

- i. Treatment Aggression in Cancer Therapy
- ii. Significance of Follow up in oncological management
- iii. Radiation therapy Emergencies in oncological management.
- iv. IGNOU School of Life Sciences Geriatric oncology

8. HEALTH SERVICES TO THE COMMUNITY:

Dr. Manoj Sharma: Media programmes: Door Darshan, All India Radio, Lok Sabha TV and India News TV, TV Phone in P7 news.

9. CANCER CARE DATA:

Radiotherapy Services:

- New Patients: 1442
 - Old / Follow up Patients: 13447
 - New Patients planned for Radiotherapy: 430
 - Total fields treated: >18,000
- Patients received Chemotherapy:
- Day Care: 10,062
 - Indoor chemotherapy: 968
 - Indoor Admission: 1562

10. NEW FACILITY ADDED:

Radiotherapy treatment of cancer patients started in two shifts from 8am to 7pm.

11. Any other worth mentioning information:

- A. *Dr. Kishore Singh*
 - i. Teleconferencing session for DNB students at IGNOU on “Head and neck cancer”, organized by NBE, New Delhi.

- ii. Lecture at IVPSS, Centre for Occupational and Environmental Health for Masters of Public Health Orientation on “Non Communicable Disease (Cancer)” for Associate Fellow of Industrial Health Course (AFIH).
- iii. Executive member North Zone Association of Radiation Oncologists of India.

B. Dr. Arun Kumar Rathi

Elected Vice President of NZAROI

Awarded membership of Indian College Of Radiation Oncology.

SURGERY

1. Faculty

Dr P N Agarwal	Director Professor and head (from June 2012 till date)
Dr V K Ramteke	Director Professor and head (till June 2012)
Dr R C M Kaza	Director Professor
Dr N S Hadke	Director Professor
Dr A K Sarda	Director Professor
Dr Jagdish Chander	Director Professor
Dr R K Jindal	Director Professor
Dr Pawnindar Lal	Professor
Dr Sudhir Kumar Jain	Professor
Dr C B Singh	Associate Professor
Dr Pawan Lal	Associate Professor
Dr Sushanto Neogi	Associate Professor
Dr Rajdeep Singh	Associate Professor
Dr Anubhav Vindal	Assistant Professor
Dr Deepak Ghuliani	Assistant professor

2. THESIS COMPLETED

To compare outcome of midline abdominal wound closure with polypropylene vs stainless steel suture in emergency-Dr V K Ramteke

Evaluation of alteration in testicular perfusion during laparoscopic Total Extra Peritoneal repair of groin hernia- Dr V K Ramteke

Evaluation of vasovasostomy by using no scalpel technique- Dr R C M Kaza, Dr S K Jain

Laprosopic nephrectomy in non functioning benign kidney disease-Dr R CM Kaza, Dr S K Jain

Comparison of large tissue bites vs small tissue bites for midline wound closure- Dr P N Agarwal, Dr S K Jain

Evaluation of role of Gall Bladder Mobility and lithogenicity of bile in development of pancreatitis- Dr NS Hadke

Role of fibrin glue reinforcement of choledochotomy closure suture line to prevent bile leak in patients undergoing Common Bile Duct exploration and primary closure- Dr J Chander

Effect of varicocelectomy on spermatogenesis with relation to change in serum testosterone level in infertile males-Dr AK Sarda

To assess alteration in resistive index of renal vasculature following Extracorporeal Shock Wave Lithotripsy for renal stone-Dr J Chander

To assess the role of NMP antigen in diagnosis of Urinary Bladder cancer- Dr RK Jindal

Objective evidence of gastro esophageal reflux in patients undergoing laproscopic restrictive surgical bariatric procedure- Dr Pawnindra Lal

To evaluate the role of blood urea nitrogen ,CRP,and CT as early predictors or severity of pancreatitis- Dr RK Jindal

Corelation between weight loss after laproscopic gastrectomy and reduction in stomach volume using CT –Dr PawanindraLal

Role of antibiotic prophylaxis in mesh hernia repair –Dr SK Jain ,Dr RCM Kaza

To evaluate the accuracy of USG and USG guided FNAC in assessment of axillary lymph nodes in breast carcinoma and its correlation with histopathological findings –Dr S K Jain, Dr RCM Kaza

Comparison of single incision laproscopic cholecystectomy with conventional four port chole- Dr Rajdeep Singh

3. ONGOING THESIS

Effect on morphology and motility of sperm after varicocele surgery- Dr AK Sarda

Assessment of pre-incision antibiotic infiltration and relation to Surgical Site Infection- Dr AKSarda

Prevalence of lower urinary tract symptoms in cases of inguinal hernia repair-Dr RCM Kaza,Dr SK Jain

Correlation between APACHE 2 score and surgical outcome of patients with perforation peritonitis – Dr SKJain,Dr RCM Kaza

Single incision laproscopic appendicectomy vs three port laproscopic appendicectomy- Dr RK Jindal
Comparison between Radio Frequency Ablation and ligation stripping surgery for treatment varicose vein- Dr RKJindal

Fibrin glue reinforcement of choledochotomy closure suture line for prevention of bile leak in patients undergoing laproscopic Common Bile Duct exploration and primary closure without biliary stent-Dr J Chander

Comparative study of alteration in testicular perfusion following lichenstein hernia repair versus Total Extra Peritoneal –Dr JChander

Evaluation of nutritional status in pre and post operated obese patient undergoing laproscopic sleeve gastrectomy –Dr Pawnindra Lal

Comparative study to observe effects of topical NTG, topical diltiazem and topical lignocaine in chronic anal fissure- Dr N S Hadke

Randomized Control Trial in comparison of continuous closure with continuous smead jones technique in closure of abdominal wall –, Dr N S Hadke

Evaluation of diagnostic laparoscopy in a patient in a patient suspected with abdominal TB-Dr Rajdeep

Comparison of lightweight vs heavy weight mesh in Lichtenstein repair- Dr P N Agarwal

Role of sentinel LN Biopsy after neoadjuvant chemo in breast cancer-Dr PN Agarwal,Dr SK Jain

4. PROJECTS IN THE DEPARTMENT

Dr.PN Agarwal

Participated in open labeled multicentric & non comparative study to evaluate the efficacy (specificity & sensitivity) of the cancer detection diagnostic kit by quantifying a specific DNA sequencing in plasma using RTPCR(real time Polymerase chain reaction)

Research Projects under ICMR

Prof. RCM Kaza

Indigenous Jet Injectors for anesthesia & Thermal cautery device as occlusive method in NSV

5. TRAINING COURSES / WORKSHOP / CONFERENCES ORGANISED

SURGERY UPDATE 2012 September 24-29, 2011

Organizing secretary Dr. AK Sarda

Endolap 2012, Biennial Conference of Delhi State Chapter of SELSI, Nov 30th – Dec 2nd 2012, MAMC, New Delhi

Organizing secretary Dr. Pawanindra Lal

6. REPRESENTATION ON EXPERT COMMITTEES/BODIES

Dr. PN Agarwal

President elect for 2014 for Delhi state chapter of ASI

On expert panel of National Board of examination

MCI inspector

On expert panel of UPSC/ESIC

Organizing chairman –Surgery update 2012

Dr. VK Ramteke

On expert panel of UPSC

Honorary inspector of MCI

On expert panel of ESIC for recruitment of teaching & non-teaching posts

On expert panel of National Board of Examination

UGC chairperson for evaluation of deemed universities

Dr. RCM Kaza

MCI Inspector

On expert panel of national Board of Examination

Expert for consultation of Population foundation Of India

Dr. NS Hadke

On expert panel of National Board of examination

Honorary inspector of MCI

On expert panel of UPSC

Reviewer for Postgraduate Medical Journal

Member of Planning and Advisory Board, KLE University, Belgaum, Karnataka.

Member of selection committee of ESIS Hospital, CSM Medical University, JIPMER Pondicherry, BHU for various faculty posts

Dr. AK Sarda

Attended local (Delhi State Chapter, AIIMS), National (Association of Surgeons Annual Conference and Endocrine Surgery Annual Conference at Lucknow)

Organizing Secretary SURGERY UPDATE 2012 (24-29 September, 2012)

MCI inspector and on selection committee for appointment of faculty at SGPGIMS, Lucknow)

M.S examiner for thesis and practical exams of various universities and for National Board of Examinations.

MCh examiner in Endocrine Surgery at SGPGIMS, Lucknow

Dr Jagdish Chander

Reviewer of Journal of urology

Reviewer of Medical science Monitor, New York

Expert panel of MD University, Rohtak.

Examiner for Post doctoral Fellowship course in Minimally Invasive Surgery of National Board of Examination

Expert on panel of UPSC

Dr. Pawanindra Lal

On Editorial board of Journal of Minimal Access Surgery

Reviewer for Indian Journal of Surgery, Journal of Minimal Access Surgery

Reviewer for Surgical Endoscopy

Examiner for Intercollegiate MRCS examination, UK

Invited Faculty -PDH Hernia Workshop 1st April 2012, Parwati Devi Hospital, Amritsar. Operating Faculty – Bilateral Inguinal Hernia – Bilateral TEP.

Invited Faculty - MARSCON 2012 organised by SGRH - Hotel Jay Pee Siddharth on 22nd April 2012 - Panel discussion on complications after bariatric surgery.

Invited Faculty - G-ROS 2012 Experience Excellence in Minimal Invasive Surgery 2nd International Conference & Live Workshop on Robotic Surgery & Advanced Laparoscopy – Laparoscopic Rectopexy – April 27-28, 2012 & Operating Faculty for Laparoscopic GERD – Anterior Fundoplication

Invited Faculty - G-ROS 2012 Experience Excellence in Minimal Invasive Surgery 2nd International Conference & Live Workshop on Robotic Surgery & Advanced Laparoscopy April 27-28, 2012 - Operating Faculty for Laparoscopic GERD – Anterior Fundoplication

Invited Faculty - ISA Course at The Royal College of Surgeons of Edinburgh, UK, Training the Trainers Course. RCSEd, Edinburgh. 24-25 May 2012.

Invited Faculty - 7th International Conference of the Association of Minimal Access Surgeons of India – Single Incision Laparoscopic Surgery – Scientific Court. 21st July 2012, Codissia Trade Fair Complex, Coimbatore.

Invited Faculty - Esophageal perforation by drainage tube masquerading as staple line leak after laparoscopic sleeve gastrectomy; a case report. XVII World Congress of International Federation for Surgery of Obesity and Metabolic Disorders – IFSO 2012 – Taj Palace, New Delhi – 11-15 September 2012.

Invited Faculty - Evaluation and comparison of Laparoscopic bariatric procedures in obese patients with co-morbid conditions. XVII World Congress of International Federation for Surgery of Obesity and Metabolic Disorders – IFSO 2012 – Taj Palace, New Delhi – 11-15 September 2012.

Invited Faculty - Wernickes encephalopathy presentation after laparoscopic sleeve gastrectomy. XVII World Congress of International Federation for Surgery of Obesity and Metabolic Disorders – IFSO 2012 – Taj Palace, New Delhi – 11-15 September 2012.

Invited Faculty - Iatrogenic lower esophageal leak in laparoscopic sleeve gastrectomy. XVII World Congress of International Federation for Surgery of Obesity and Metabolic Disorders – IFSO 2012 – Taj Palace, New Delhi – 11-15 September 2012.

Invited Faculty - Overview of Research Publication and Panel Discussion. XVII World Congress of International Federation for Surgery of Obesity and Metabolic Disorders – IFSO 2012 – Taj Palace, New Delhi – 11-15 September 2012

Invited Faculty - Laparoscopic Surgery in a tertiary care hospital in Delhi. Annual Clinical Congress – American College of Surgeons – 30 the September to 4th October 2012, Mc Cormick Place, Chicago.

Invited Faculty - Operating Faculty and Annual Conference of SELSI, PGIMER, 4-5 Nov 2012.

Invited Faculty - Diagnostic Difficulty in Abdominal Tuberculosis. Annual Conference of the ASI, Delhi Chapter – DDU Hospital – Indian Spinal Injury Centre – 25th Nov 2012.

Invited Faculty - ENDOLAP 2012 – 2nd Biennial Conference of the SELSI Delhi State Chapter, MAMC, New Delhi – 1-2 December 2012.

Invited Faculty - Operating Faculty – Incisional Hernia & Talk on GERD. Agra LAPCON – 26th January 2013. Sachkhand Hospital, Agra.

Invited Faculty - Setting up of Clinical Skills Centre, Panel discussion on Complications in Hernia and Moderator for Operating Session – National Conference of Hernia Society of India – 1st to 3rd Feb 2013 – UPASI – Conoor, Coimbatore.

Invited Faculty - TEP Technique – Master Video – Hernia Update – IAGES Apollo Hospital 9th March 2013.

Invited Faculty - Panelist on Panel Discussion on Hernia – Hernia Update – IAGES Apollo Hospital 9th March 2013.

Invited Faculty - CME Lecture – Mater Video Presentation – Fundoplication – 7th AIIMS Surgical Week and ENDOSURG 2013 – 15-17th March 2013.

Invited Faculty - Operating Faculty – Hiatus Hernia Surgery – 7th AIIMS Surgical Week and ENDOSURG 2013 – 15-17th March 2013.

Dr. Sudhir Kumar Jain

Invited by UPSC as an expert

Invited as examiner for Intercollegiate MRCS examination at Hyderabad & New Delhi

Reviewer for British Medical Journal, Indian Journal of Surgery & Oman Medical Journal

Co-Organizing secretary Surgery Update 2012

Dr.Sushanto Neogi

Internal examiner for Dental BDS surgery Exam, July 2012

As part of DNB compilation of question bank for foreign medical eligibility examination

Dr. Rajdeep Singh

Presented lecture on "Ergonomics in Laparoscopic surgery" during Surgery Update in Sept 2012

Presented lecture on "Ergonomics in Laparoscopic surgery" at 5th Annual SELSI conference and International workshop, at PGI Chandigarh in Nov 2012

Training faculty during Workshop on Laparoscopic skills during Endolap 2012, in Nov-Dec 2012

Chairperson of Live operative session during EndoSurg at AIIMS March 2012

Chairperson of lecture sessions during Annual SELSI conference at PGI Chandigarh, in Nov 2012

Dr. Anubhav Vindal

Guest lecture on: Current status of Laparoscopic Hernia repair, G-ROS 2012, 2nd Annual Conference of Galaxy Care Laparoscopy Institute, April 27th – 29th, 2012, Pune.

Presented lecture on "Setting up of a Laparoscopic OT" during Surgery Update in Sept 2012

Guest lecture on: Newer Prosthesis and Fixation devices for laparoscopic ventral hernia repair, IHSCON 2012, Annual Conference of Indian Hernia Society, September 22nd – 23rd, 2012, Gwalior

Guest lecture on: What is new in Laparoscopic Hernia Repair, HSICON 2013, 6th Annual conference of Hernia Society of India, February 1st – 3rd 2013, Coonoor, Tamil Nadu.

7. CONFERENCES ATTENDED

Dr. SK Jain attended:-

Annual conference of Association of Surgeons of India in Dec.2012 at Kolkatta

Conference on Inventory Management in October 2012 at Delhi organized by Dept. Hospital Administration, AIIMS, New Delhi.

Dr. Sushanto Neogi attended :-

Breastcon, Max Hospital Patparganj, December 2012, as chairperson

Conference on complications in urology, SGRH, Delhi, October , 2012 as faculty

Dr.Anubhav Vindal attended:-

Endosurg 2012, AIIMS Surgical Week, March 16th – 18th, 2012

G-ROS 2012, 2nd Annual Conference of Galaxy Care Laparoscopy Institute, April 27th – 29th 2012,Pune

IHSCON 2012, Annual Conference of Indian Hernia Society, September 22nd – 23rd, 2012, Gwalior

Endolap 2012, Biennial Conference of Delhi State Chapter of SELSI, Nov 30th – Dec 2nd 2012, MAMC, New Delhi

PUBLICATIONS:

Chander J, Mangla V, Vindal A, Lal Pawanindra, Ramteke VK. Laparoscopic choledochoduodenostomy for biliary stone disease: a single-center 10-year experience. *J Laparoendosc Adv Surg Tech A*. 2012 Jan; 22(1):81-4.

Lal Pawanindra, Chander J, Hadke NS, Vindal A, Kiran S, Shrivastava N. Wernickes encephalopathy presentation after Laparoscopic Sleeve Gastrectomy. *Obes Surg*. 2012; 22:1326.

Kaushal A, Vindal A, Lal Pawanindra, Chander J, Puri AS. Esophageal perforation by drainage tube masquerading as staple line leak after laparoscopic sleeve gastrectomy; A case report. *Obes Surg.* 2012; 22:1354.

Kiran S, Vindal A, Lal Pawanindra, Chander J. Iatrogenic lower esophageal leak in laparoscopic sleeve gastrectomy: Poster presentation. *Obes Surg.* 2012; 22:1402.

Lal Pawanindra, Chander J, Hadke NS, Vindal A, Kiran S, Shrivastava N. Evaluation and comparison of bariatric procedures in obese patients with co-morbid conditions. *Obes Surg.* 2012; 22:1403.

Mangla V, Chander J, Vindal A, Lal Pawanindra, Ramteke VK. A randomized trial comparing the use of endobiliary stent and T-tube for biliary decompression after laparoscopic common bile duct exploration. *Surg Laparosc Endosc Percutan Tech.* 2012 Aug; 22(4):345-8. doi: 10.1097/SLE.0b013e31825b297d.

Vesicoureteric reflux following double J stent insertion in patient undergoing pyelolithotomy. Sarda AK, Basra BK, Mittal R. Letter to editor. *Indian J Surg* 2013

Patil S, Jain SK, Kaza R, Rao S. Squamous cell carcinoma in bladder exstrophy:a rare entity. *Singapore Med J.* 2012 Dec;53(12):e254-7. PubMed PMID: 23268167

Sarda AK, Pandey D, Bhalla SA, Sarda N, Chaturvedi KU. Effect of obstruction to sperm egress. *Alamen J Med Sci* 2012; 5 (1):53 -62.

Jain SK, Mitra A, Kaza RC, Malagi S. Primary mesenteric liposarcoma: Anunusual presentation of a rare condition. *J Gastrointest Oncol.* 2012Jun;3(2):147-50. doi: 10.3978/j.issn.2078-6891.2011.051. PubMed PMID: 22811883;PubMed Central PMCID: PMC3397650

S. Patil, S. Jain, R. Kaza and R. Chamberlain, "Congenital Absence of the Cystic Duct: A Rare but Significant Anomaly," *Surgical Science*, Vol. 4 No. 4, 2013, pp. 241-246. doi: 10.4236/ss.2013.44046.

Mitra, S. Kumar Jain, D. Gupta and R. Chandra Murthy Kaza, "Giant Angiomyolipoma of the Kidney Presenting as Anaemia—A Rare Presentation," *Open Journal of Urology*, Vol. 2 No. 2, 2012, pp. 75-77. doi: 10.4236/oju.2012.22013

Sidharth Kumar, Sushanto Neogi, Kamal K Gautam. Is Aggressive Therapy the Answer for All Cases of Emphysematous Pyelonephritis: A Report of Three Cases. *Journal of surgical technique and case reports* 2012,4 106-9

Safety of open technique for first-trocar placement in laparoscopic surgery: a series of 6,000 cases, **Pawanindra Lal** • Anubhav Vindal Rajeev Sharma • Jagdish Chander • Vinod Kumar Ramteke. *Surg Endosc* (2012) 26:182–188

Book Published

Basic Surgical Skills & Techniques published in Dec.2012 by Jaypee Publishers New Delhi. (Eds) Sudhir Kumar Jain, David Stoker, Raman Tanwar

Principles and Practice of Surgery – International Edition – 6th Edition – International Editor – V Sitaram & **Pawanindra Lal**. Elsevier UK. 2013

Chapters contributed in book

Surgery in the Tropics – Chapter in Bailey & Love’s Short Practice of Surgery. 26th Edition, Norman Williams, Christopher Bulstrode & Ronan O’Connell (eds). Pradip Datta, **Pawanindra Lal**, Sanjay deBakshi. 2012. Hodder Arnold. Pages 68-92.

Wounds and wound healing. **Pawanindra Lal**. Chapter 22. In MRCS Part A: 500 SBAs and EMQs. PK Datta, CJK Bulstrode and WFM Wallace eds. 2013. Pages 141-148.

Surgical Technique and Technology **Pawanindra Lal**. Chapter 40. In MRCS Part A: 500 SBAs and EMQs. PK Datta, CJK Bulstrode and WFM Wallace eds. 2013. Pages 259-264.

Vindal A, Kumar S, Gautam KK. Setting up of a Laparoscopic OT. In *Proceedings of Surgery Update 2012*, New Delhi, MAMC, 2012, pp. 299 – 307.

Vindal A, Hadke NS. Venous Cut down (internet). New Delhi: Elsevier; 2012 [cited 2012 oct 8]. Available from www.clinicallearning.com

Vindal A, Hadke NS. In-growing toe nail with Ring block (internet). New Delhi: Elsevier; 2012 [cited 2012 oct 8]. Available from www.clinicallearning.com

Vindal A, Hadke NS. Circumscision (internet). New Delhi: Elsevier; 2012 [cited 2012 oct 8]. Available from www.clinicallearning.com

Vindal A, Hadke NS. Urinary catheterization (internet). New Delhi: Elsevier; 2012 [cited 2012 oct 8]. Available from www.clinicallearning.com

Vindal A, Hadke NS. Pre operative preparation and Post operative compliactions (internet). New Delhi: Elsevier; 2012 [cited 2012 oct 8]. Available from www.clinicallearning.com

Watson JD, Vindal A. Plastic surgery including common skin conditions. In *Principles and Practice of Surgery*, 6e, Edinburgh – Toronto, Churchill Livingstone – Elsevier, 2012, pp. 295 – 322.

Stewart LH, Vindal A. Urological Surgery. In *Principles and Practice of Surgery*, 6e, Edinburgh – Toronto, Churchill Livingstone – Elsevier, 2012, pp. 423 – 455.

THE FOLLOWING CHAPTERS WERE CONTRIBUTED IN THE PROCEEDINGS OF SURGERY UPDATE 2010” BY THE FACULTY OF THE DEPARTMENT OF SURGERY:-

Topic	Page no	Author
Septic shock	1	Dr Deepak ghuliani
Hand disinfection	9	Dr P N Agarwal
Advances in diagnosis of carcinoma bladder	41	Dr S K Jain
Penile carcinoma	45	Dr R C M Kaza
Upper gastrointestinal bleed –a complete management guide	145	Dr Pawanindra lal
Superior mediastinal syndrome	203	Dr Pawan lal
Setting up of laparoscopic operation theatre	208	Dr Anubhav vindal
Ergonomics in laparoscopic surgery	224	Dr Rajdeep
Principles and steps of safe laparoscopic cholecystectomy	238	Dr Sushanto Negi

Number of cases performed in the general surgery department

Urology OT		1853
Elective OT	Open cases	2616
	Lap cases	760
OPD Minor OT		6497
Emergency OT		953
Emergency Minor OT		17446

GURU NANAK EYE CENTRE

OPHTHALMOLOGY

Name of the Head of Department

DR. B. GHOSH

1. FACULTY

S.No.	Name of faculty	Designation
1.	Dr. B. Ghosh	Director Professor & HOD
2.	Dr.Kamlesh	Director Professor
3.	Dr. Usha Yadava	Director Professor
4.	Dr. P.K. Pandey	Director Professor
5.	Dr. Sushil Kumar	Director Professor
6.	Dr. J.L. Goyal	Director Professor
7.	Dr. Ritu Arora	Director Professor
8.	Dr. Anju Rastogi	Director Professor
9.	Dr. Usha Kaul Raina	Director Professor
10.	Dr. Kirti Singh	Professor
11.	Dr.Meenakshi Thakar	Professor
12.	Dr. Subhash Dadeya	Professor
13.	Dr. Zia Chaudhuri	Professor
14.	Dr. Ruchi Goel	Assoc. Professor
15.	Dr. Punita K. Sodhi	Assoc. Professor

2. RESEARCH SCHEMES

A. Ongoing Thesis Projects:

PG thesis (2012)- Ongoing

PG student	Guide/Co-Guide	Thesis topic
Dr Smriti Nagpal	Dr Ruchi Goel Dr Sushil Kumar Dr Ravi Meher	Evaluation of transcanalicular Laser assisted dacryocystorhinostomy and the role of silicone tube intubation in primary nasolacrimal duct obstruction
Dr Ruby	Dr Anju Dr Kamlesh Dr Ravi Meher	Comparative study of endoscopic assisted transcanalicular laser DCR vs external DCR in paediatric age group
Dr Monica	Dr Kamlesh Dr Anju	Comparative evaluation of 4 horizontal muscle recession vs tenotomy and reattachment in patients with infantile nystagmus syndrome
Dr Anika	Dr Raina Dr Ghosh Dr Meenakshi	Clinical comparison of the optical performance of aspheric and spherical IOL in paediatric age group
Dr Sriram	Dr Meenakshi Dr Ghosh Dr Raina	Severity of diabetic macular edema with and without metabolic syndrome

Dr Surbhi	Dr Subhash Dr Kamlesh Dr Sushil	Efficacy of fixed hour occlusion and TV exercises in mild, moderate and severe amblyopia
Dr Meenakshi	Dr Pandey Dr Sushil Dr Meenakshi	Surgical outcome following B/L Harada Ito procedure, B/L IO weakening and vertical transposition of horizontal recti in `V` pattern esotropia
Dr Yashpal	Dr Ritu Dr Goyal	Comparison of visual outcome between wavefront guided LASIK and wavefront guided PRK
Dr Arushi	Dr Goyal Dr Ritu	Comparative study of visual outcome between wavefront guided LASIK for myopia and Compound Myopic astigmatism
Dr Kirti	Dr Yadava Dr Kirti	Evaluation of Amniotic membrane as an adjunct to MMC modulated trabeculectomy in glaucoma
Dr Natasha	Dr Yadava Dr Kirti	Low vision aids in children profiling and effectivity

(b) Details of thesis completed during the year (2012)

PG student	Guide/Co-Guide	Thesis topic
Dr. Supriya Batta	Dr. B. Ghosh Dr. Usha K. Raina Dr. M. Thakar	Comparative evaluation of use of brilliant blue conventional dye in macular hole surgery versus selective usage of brilliant Blue dye.
Dr. Manudhane Aditi Abhay	Dr. Ritu Arora Dr. J.L. Goyal	Role of collagen cross linking in corneal edema, a clinicopathological study.
Dr. Babita	Dr. J.L. Goyal Dr. Ritu Arora Dr. B. Ghosh	Evaluation of Electrophysiological changes in patient with Diabetic Retinopathy.
Dr. Bhambhawani Vishaal Rajesh	Dr. Usha K. Raina Dr. B. Ghosh Dr. Meenakshi Thakar	Cataract surgery via paraplana route with 25 guage versus limbal route.
Dr. Pooja	Dr. Meenakshi Thakar Dr. B. Ghosh Dr. Usha K. Raina	Use of intravitreal Bevacizumab prior to surgery in Eale's disease versus surgery
Dr. Shweta	Dr. Anju Rastogi Dr. Kamlesh	Comparison of Cionne versus ACIOL in subluxated lens.
Dr. Swati Baliga	Dr. Kamlesh Dr. Anju Rastogi	Comparative study of unilateral recession-resection procedure versus b/l LR recession in intermittent divergent squint
Dr Smriti Bansal	Dr. Sushil Kumar Dr. Anju Rastogi	External DCR with trephination with silicon intubation with MMC application MCB
Dr. Sanjeev	Dr. P.K. Pandey Dr. Sushil Kumar	Comparative evaluation of SR recession vs transposition of horizontal recti in dissociated vertical deviation
Dr. Ekta Kumari	Dr. Subhash Dadeya Dr. J.L. Goyal	Role of LASIK in anisometropic amblyopia in adults.

Dr. Priyanka	Dr. Kirti Singh Dr. U. Yadava Dr. Anju Rastogi	Low vision aids in ARMD
Dr. Prolima	Dr. U Yadava Dr. Kirti Singh	Anterior segment profiling in juvenile glaucoma

3. TRAINEES FROM OTHER AGENCIES

S.No.	Name of the trainees	Sponsoring agency	Period of training
1.	Dr. Bhartendu Varma Dr. Palak Shah	Sir Ganga Ram Hospital	8 weeks w.e.f. 20.07.12
2	Dr. Mania Gautam	Bharatpur Eye Hospital, Nepal	24.09.12 to 23.10.12

Achievement:

- Training course /Conferences/Workshops organized-
* Dr. Punita K. Sodhi has attended a contact programme for PGDGM (Postgraduate Diploma in Geriatric Medicine) students from IGNOU on 25.07.2012.

5. PUBLICATIONS DURING THE PERIOD

Dr. B. Ghosh

- Ghosh B, Goel N, Batta S, Raina UK. Spectral Domain optical Coherence Tomography in Pigmented paravenous retino Choroided atrophy. Ophthalmic surg. Laser Imaging 2012, May 10, 43(3) Online e 41-43.
- Kumar V, Goel N, Raina UK, Ghosh B. Spectrum of myclinated verve felsve- J Paediatr. Ophthalmology Strabismus 2012, May 1, 49/3.
- Goel N, Pangtey B, Bhushan G, Raina UK, Ghosh B. Spectral Domain OCT of Astrocytic Hamartoma in Turersous Scherosis. Int. Ophthalmol 2012, May 23 (E puls ahead of print).
- Goel N, Batta S, Bhambhawani V, Ghosh B. Spectral Domain OCT in Iniopathic Justin Foveal Telingiectasia. Published AIOS proceedings 2012.
- Goel N, Bhambhawani V, Pangtey B, Seth A, Ghosh B. Emerging role of pharmacological Vitreolysis. DOS Times 2012, July 18(1) 15-18.
- Goel N, Jain P, Pangtey B, Raina UK, Thakar M, Ghosh B. Angioid Streaks- clinical course and current management. DOS items. 2012, Feb 17(8) 21-25.

Dr. J.L. Goyal

LIST OF PUBLICATIONS IN 2012 (1.1.2012.- 31.12.2012)

- GOYAL JL, JAIN P, ARORA R. ADVANCES IN CORNEAL REFRACTIVE SURGERY.OPHTHALMOLOGY TODAY 2012; VOL 12, (1) P13-15.
- GOYAL JL, JAIN P, ARORA R. SURGICAL MANAGEMENT OF NON INFACIOUS KERATITIS. OPTHALMOLOGY TODAY: 2012; VOL 12, (1) P22-26.

3. GOYAL JL, JAIN P, ARORA R LEBER'S HEREDITARY OPTIC NEUROPATHY. DOS TIMES . 2012; VOL.17; (9), P 23-25.
4. RITU ARORA, DEEPA GUPTA, J.L.GOYAL, PARUL JAIN. RESULTS OF CORNEAL COLLAGEN CROSS LINKING IN PEDIATRIC PATIENTS. JOUR.REF.SURG. 2012;VOL28(11); P 759-762.
5. J.L.GOYAL, JASNEET KANG, RAMESH GUPTA, ABHISHEK ANAND, RITU ARORA, PARUL JAIN. BILATERAL PAPILOEDEMA IN HYPOCALCEMIA. DELHI J. OPHTHALMOL.2012; VOL.23 (2) ,P127-30.
6. MANUDHANE A, ARORA R, KAPOOR S, RASTOGI A, GOYAL JL. CONGENITAL ACCESSORY PALPEBRAL APPERTURE – AN ADDITIONA TO THE SPECTRUM OF DELLEMAN'S SYNDROME. OPHTHALMIC GENET. 2012;
7. ARORA R,JAIN P, GUPTA D, GOYAL JL. STERILE KERATITIS AFTER CORNEAL CROSS LINKING IN A CHILD. CONTACT LENS ANTERIOR EYE. 2012,35(5) , 233-35.

Publications of Dr Ruchi Goel

1. Goel R, Malik KP.Large post-traumatic ciliary staphyloma--a simple, safe and successful management.J Indian Med Assoc. 2012 May;110(5):330, 334.
2. Kamal S, Goel R, Bodh SA, Madhu.Primary localized amyloidosis presenting as a tarsal mass: report of two cases. Middle East Afr J Ophthalmol. 2012 Oct;19(4):426-8. doi: 10.4103/0974-9233.102767.
3. Malik KP, Goel R, Kamal S. Bimanual capsulorrhexis using Sinsky hook. Cont Lens Anterior Eye. 2012 Oct;35(5):228-9. doi: 10.1016/j.clae.2012.07.002. Epub 2012 Jul 23.
4. .Kamal S, Goel R, Kumar S. Large eyelid basal cell carcinoma with uniform and diffuse melanin deposition.Graefes Arch Clin Exp Ophthalmol. 2013 Apr;251(4):1251-2. doi: 10.1007/s00417-012-2105-6. Epub 2012 Jul 20.
5. Kamal S, Bodh SA, Goel R, Kumar S. Re: "Monocanalicular intubation in external dacryocystorhinostomy".Ophthal Plast Reconstr Surg. 2012 Jul-Aug;28(4):306-7; author reply 307. doi: 10.1097/IOP.0b013e31825b5167.
6. Kamal S, Bodh SA, Kumar S, Goel R. Bilateral ptosis and Hering's dependence. Ophthalmology. 2012 Jun;119(6):1292-3; author reply 1293. doi: 10.1016/j.ophtha.2012.02.007. No abstract available.
7. Kamal S, Bodh SA, Goel R, Kumar S. Re: 'Long-term surgical outcomes of porous polyethylene orbital implants: a review of 314 cases'. Br J Ophthalmol. 2012 Aug;96(8):1153. doi: 10.1136/bjophthalmol-2012-301773. Epub 2012 Apr 29.
8. Goel R, Kamal S, Kumar S, Kishore J, Malik KP, Angmo Bodh S, Bansal S, Singh M. Feasibility and Complications between Phacoemulsification and Manual Small Incision Surgery in Subluxated Cataract.J Ophthalmol. 2012;2012:205139. doi: 10.1155/2012/205139. Epub 2012 Mar 5.
9. Kamal S, Bodh SA, Kumar S, Goel R. Orbital myiasis complicating squamous cell carcinoma in xeroderma pigmentosum.Orbit. 2012 Apr;31(2):137-9. doi: 10.3109/01676830.2011.638103.
10. Goel R, Kamal S, Khurana B, Kumar S, Malik KP, Bodh SA, Singh M. Manual small incision cataract surgery for subluxated cataract with lens coloboma.Cont Lens Anterior Eye. 2012 Apr;35(2):89-91. doi: 10.1016/j.clae.2011.12.001. Epub 2011 Dec 30.
11. Kamal S, Bodh SA, Goel R, Kumar S. Clinical significance of microbial growth on the surfaces of silicone tubes removed from dacryocystorhinostomy patients.Am J Ophthalmol. 2012 Jan;153(1):189-90; author reply 190-1. doi: 10.1016/j.ajo.2011.10.007.
12. Malik KP, Goel R, Gutpa A, Gupta SK, Kamal S, Mallik VK, Singh S.Efficacy of sutureless and glue free limbal conjunctival autograft for primary pterygium surgery.Nepal J Ophthalmol. 2012 Jul-Dec;4(2):230-5. doi: http://dx.doi.org/10.3126/nepjoph.v4i2.6537.
13. Sonam Angmo Bodh, Saurabh Kamal, Ruchi Goel, Sushil Kumar, Smriti Bansal, Madhu Singh. Thyroid AssociatedOphthalmopathy. Major Review DJO 2012;22(4):249-255

14. Ruchi Goel, Saurabh Kamal, Sonam Angmo Bodh, Sushil Kumar, Smriti Nagpal, Kshitij Aditya, Smriti Bansal, Puja Sakhuja. Epithelial Tumors of Lacrimal Gland - Management Pearls. Photo Essay DJO 2012;22(4):311-312
15. Amit Goel, Ruchi Goel Aesthetic Surgery - Current Trends. Recent Advances DJO 2012;23(1):55-59.
16. Saurabh Kamal, Ruchi Goel, Sonam Angmo Bodh, Sushil Kumar. Fillers in Ophthalmic Practice. Allied Ophthalmic Sciences : Ocular Adjuncts DJO 2012;23(1):61-66.
17. Sonam Angmo Bodh, Saurabh Kamal, Sushil Kumar, Ruchi Goel, Smriti Nagpal, Kshitij Aditya. Orbital Cysticercosis. Major Review DJO 2012;23(2):99-103.
18. Sonam Angmo Bodh, Ruchi Goel, Saurabh Kamal, Sushil Kumar, Smriti Bansal, Smriti Nagpal, Kshitij Aditya. Nevroid Basal Cell Carcinoma Syndrome. Photo Essay DJO 2012;23(2):149-150

6. Conference/Workshops/Symposia attended/Paper presentation

International conference.

1. Dr Ruchi Goel attended British Oculoplastic Association Annual meeting, Leicester, 12-15th June 2012.

National Conferences

- Dr B Ghosh, Dr Ruchi Goel attended the 70th Annual Conference of All India Ophthalmological Society, 2nd to 6th Feb 2012, Cochin.
- Dr B Ghosh, Dr Ruchi Goel attended the 63rd Annual conference of Delhi Ophthalmological Society, 6th to 8th April 2012.
-
- **Dr. Punita K. Sodhi attended:**
 - a. RPC Update, 2012 in April 2012 at All India Institute of Medical Science.
 - b. 63rd annual Conference of Delhi Ophthalmological Society from 6th to 08th April, 2012 at Hotel Ashok, Chankya Puri, New Delhi.
 - c. National Workshop on Achieving excellence in eye Care delivery at Lions Aravind Institute of Community Ophthalmology on 16-17 June, 2012 at Madurai, Tamil Nadu.
 - d. Quarterly meeting of BMW at Dte. Of Health Services.
 - e. 16th Dr.R.K. Seth Memorial Symposium and Inter Institute Ophthalmology Quiz at India Habitat Centre on 2nd Oct., 2012.
 - f. Annual Conference of OPAI (Oculoplasty Association of India) from Oct., 26 2012 to Oct., 28th 2012 at Amritsar, Punjab.
 - g. Winter Conference of Delhi Ophthalmological Society on 28th Oct., 2012 at Indian Habitat Centre, New Delhi.
 - h. Annual conference of NZOS (North Zone Ophthalmological Society) on Nov., 2 to Nov 4th, 2012 at Govt. Medical College, Chandigarh, Haryana.
 - i. 19th Annual Conference of Strabismological society of India & Paediatric Ophthalmology Update on 2 December, 2012 at RIO, PGIMS, Rohtak, Haryana.
 - j. Delhi Ophthalmological Society Monthly meeting.

7. SIGNIFICANT EVENTS (HONOURS TO FACULTY)

Article of Dr. Punita K. Sodhi 'Topical mitomycin C as a postoperative adjunct to endonasal dacryocystorhinostomy in patients with anatomical endonasal variants' has ranked in top twenty articles published in the same subject.

Name of the Dr. Punita K. Sodhi has been selected to be included in Asian Biographies, Biography International, Famous India: Nation who's who, Asian Admirable Achievers.

Dr. Punita K Sodhi has been awarded Glory of India award by India International Friendship Society.

14. REPRESENTATION ON EXPERT COMMITTEES/BODIES

Dr. B. Ghosh

- Internal Expert - TAC
- Internal Expert- selection of specialist, Delhi Govt.
- Expert, Delhi Medical Council.

Dr Ruchi Goel was invited as expert trainer of Small incision cataract surgery by Orbis international to Ethiopia.

9. HEALTH SERVICES TO THE COMMUNITY

Dr. B. Ghosh, Chief Coordinator – Motiabind Mukti Abhiyan

Dr. Sushil Kumar & Dr. J L Goyal are Nodal Officers Disaster Management at Guru Nanak Eye Centre

Dr. Punita K. Sodhi has conducted District Level Child Health Referral Mela under Chacha Nehru Sehat Yojana on Dec., 01,2012.

Dr. J L Goyal, Convener, Motiabind Mukti Abhiyan

Dr. Subhash Dadeya:

1. Ophthalmic Faculty Coordinator PHC Barwala
2. Motiabind Mukti Abhiyan

Dr. Punita K. Sodhi and Dr. J.L. Goyal were deputed as the Faculty In- Charge of 15 ophthalmic member team from MAMC / GNEC on the orders of the GNCTD, Delhi to conduct an eye camp in the Lifeline Express at Ashok Nagar, Madhya Pradesh from 16th to 27th March,2012.

Dr. Richa Vaishya, Co-convener, Motiabind Mukti Abhiyan

10. Lab data :

- | | |
|--|-------------|
| a) Name of the Lab | : Pathology |
| b) Name and no. of the test perform during the year: | |
| 1. Hemoglobin | 4210 |
| 2. TLC | 1596 |
| 3. DLC | 1596 |
| 4. ESR | 1411 |
| 5. BT/CT | 0829 |
| 6. CRT | NIL |
| 7. P/S | 043 |
| 8. Urine routine | 3781 |
| 9. Blood sugar | 23089 |
| 10. Histopathology | nil |
| 11. Conj. Swabs | 1960 |
| 12. Corneal scrapping | 304 |
| 13. KOH | 323 |
| 14. Cram's staining | 3433 |
| 15. Sterile fluids | 34 |

16. Pus. C/S	19
17. Urine C/S	29
18. O T Sample	78
19. MP	03
20. Plt. Count	55
21. AEC	17
22. Na+ electrolyte	790
23. Electrolyte K+	790
24. Electrolyte Ca+	790
25. Urea	636
26. Creatinine	636
27. Lipid Profile HPL	323
28. Lipid profile TG	323
29. Lipid Profile Cholesterol	323
Total	47421

- c) Percentage of growth compared to last year
Approx. 15

11. NEW FACILITY ADDED (if any)

New Surgical procedures:

Collagens Cross linking, Deep Lamellar Keratoplasty, Deep Stromal Endothelial Keratoplasty, Laser DCR.

B. MULTI DEPARTMENTS UNITS

CLINICAL EPIDEMIOLOGY UNIT (C.E.U.)

MAM COLLEGE

Secretary: Dr. Siddarth Ramji, Director Professor & Head, Department of Neonatology

Treasurer: Dr. GK Ingle, Director Professor & Head, Department of Community Medicine

The clinical epidemiology unit's prime objective has been to train and orient students and faculty in medical research. The CEU is made of members from almost all departments of this institution. During the year the CEU conducted workshops in Research Methods to orient all new postgraduate students entering this institution for the academic year 2012. It proposed to increase these faculty workshops in the coming year and also provide a regular platform for discussion on research for faculty.

FELLOWSHIP IN HIV MEDICINE
REGIONAL TRAINING CENTRE
MAULANA AZAD MEDICAL COLLEGE
NEW DELHI

Course Coordinators:

Dr. Suneela Garg, Director Professor
Dept. of Community Medicine, MAMC

Chief Coordinator

Dr. A.K. Agarwal,
Dean, MAMC

Dr. V. K. Gupta, Director Professor

Dept. of Community Medicine, MAMC

The college has initiated Fellowship in HIV Medicine course in 2006 and so far till 2012, 105 students from various organizations/Institutions/Hospitals belonging to different parts of the country have been registered. This course is conducted with the objective of improving the health care for HIV individuals and those suffering from opportunistic infections and enhancing skills of health care workers in HIV care. The programme caters to the applicants from Northern and Western India. It was initially funded by RCSHA and subsequently supported by Department of International Development (DFID) in Technical collaboration with Christian Medical College, Vellore with inputs from School of Tropical Medicine, Kolkata. The course is being conducted simultaneously in three regional centres viz., Christian Medical College, Vellore, Maulana Azad Medical College, New Delhi & School of Tropical Medical jointly with Medical College, Kolkata. This course is a judicious combination of contact programme, distance courses and project work and is designed to allow participants to continue their regular work and **learn within the context of their own practice.**

Detailed project work plans are being designed according to the felt needs of the students work place and each student's project is facilitated by faculty guides from MAMC and periodically supervised both by the faculty guides and by the local mentors. Learning resources for the project are provided as part of the training. The candidates are supported through regular e-mails, telephonic contacts. The course faculty consists of 50 faculty members from 12 departments. The Departments involved in this course are the departments of Community Medicine, Medicine, Pediatrics, Obstetrics and Gynaecology, Psychiatry, Occupational Health, Ophthalmology, Radiology, Blood Bank, Microbiology, Pharmacology, Dermatology and STD. In addition, Delhi State AIDS Control Society and LRS Institute of Tuberculosis and Chest Diseases are also involved in this course.

IGNOU COURSES

Following distance learning courses of Indira Gandhi National Open University are run by the college.

Post graduates Diploma in
Geriatric Medicine (PGDMCH)

Incharge : Dr. G.K. Ingle
Director Prof. & Head
Deptt. of Comm. Medi.

Faculty of Following Departments are involved

- Medicine
- Community Medicine
- Orthopedics
- Psychiatry
- Eye
- ENT, Skin
- Dental

Four Contact Courses of total 30 days duration are held

II. Post graduates Diploma in
Maternal & Child Health (PGDMCH)

Incharge : Dr. U Manaktala
Director Prof. Deptt. of Obs. & Gynae.

Faculty of Following Department are involved

- Obstetrics & Gynaecology
- Pediatrics
- Community Medicine

Five contact courses of total 35 days duration are held and a project is undertaken by each student.

POSTGRADUATE MEDICAL EDUCATION & TRAINING CELL

1. FACULTY:

- | | |
|--|---|
| a) Head of Department cum
Chairman: | Dr A K Agarwal
Dean, MAMC |
| b) Member Secretary | Dr Pawanindra Lal
Professor of Surgery |
| c) Members | Dr.P.N.Aggarwal, HOD, Surgery
Dr Neelam Vasudeva, HOD Anatomy
Dr U.C.Verma, HOD Anaesthesia
Dr Reva Tripathi , HOD Obs & Gynae
Dr A K Dhal, HOD Orthopaedics
Dr Anoop Raj, HOD ENT
Dr Uma Tekur, HOD Pharmacology
Dr Yogesh Sarin, HOD Ped Surgery |

Clinical Skills Laboratory: (Administrative committee)

Dr Rakesh Kumar
Member – Coordinator Anaesthesia)
Dr N S Hadke (Member)
Dr Munisha Agarwal (Member)
Dr Pawanindra Lal
(Member - Coordinator Surgery cum member secretary)

The Teaching Faculty for the conduct of courses is drawn from the Departments of Surgery, Anaesthesia, Orthopaedics, Obstetrics & Gynaecology, ENT & Pediatric Surgery.

2. THE FACILITY:

- **Dhanvantri Laboratory** : Provides simulated hands on surgical skills to a maximum of 18 candidates at the same time. Each student is able to see the skills being taught by the teacher, on the monitor and then perform the same at his/her station. All the skills are supervised by a team of dedicated trainers.
- **Sanjeevani**: This area has 2 components. The first is 10 stations for hands on laparoscopic surgery training to the surgeon trainees on endoscopic simulators for better hand eye coordination. The second area which actually is relevant to the name Sanjeevani, is for the purpose of life support training on 6 to12 stations. Each station has a dedicated basic life support mannequin, and deviced for airway support and ventilation. Besides the central station for the Chief Tutor has the Advanced Mannequins for Advanced cardiac life support training and airway mannequins for training of various types of interventions for ventilation.
- **Sushruta** : Provides simulated hands on Microscopic Surgical skills to a maximum of 8 candidates at the same time. Each student is able to see the skills being taught by the teacher, on the monitor and then perform the same at his/her station. All the skills are supervised by a team of dedicated trainers.
- **Charak Hall**: This is a lecture hall with a seating capacity of 40 candidates with desks and complete multimedia presentation facility.

- **Computer Desks:** These are provided to enable trainees to go through operative and other course videos kept in the library of the laboratory.

3. Training courses / Workshops Organised:

(A)The following Trainings were organized for the Post Graduate Students. These Trainings were designed to provide advanced surgery skills to the Post Graduate Students and the Training was named as “**MAMC POST GRADUATE SURTGICAL SKILLS TRAINING**”(PGSST).

Sl.No.	Course No.	Period	No. of Participants
1.	24 (for Gynae)	01 st -03 th February 2012	18
2.	25 (for Gynae)	08 th -10 th February 2012	19
		Total	37

(B)The following Trainings were organized for the all the 1st year Post Graduate Students. These Trainings were designed to provide advanced Life Support skills to the Post Graduate Students and the Course was named as “**MAMC POST GRADUATE ADVANCED LIFE SUPPORT COURSE**”(PGALSC).

Sl.No.	No. of the Course	Period	No. of Participants
1.	19	20 th -22 nd February 2012	34
2.	20	28 th -01 st March 2012	32
3.	21	05 th -07 th March 2012	35
4.	22	12 th -14 th March 2012	35
5.	23	20 th -22 nd March 2012	30
6.	24	02 nd -4 th April 2012	18
		Total	184

(C) The following Courses were organized as Outsource Course:-

Sl.No.	No. of the Course	Period	Run by
1.	N S V Training	16 th -18 th February 2012	Dr. R.C.M Kaza, Master Trainer, NSV
2.	A Lecture for Instructor Course	17 th March 2012	MAMC-ITC
3.	BLS/ACLS (AHA)	14 th -16 th April 2012	MAMC-ITC
4.	Training for CATS Paramedics	4 th July-20 th July 2012	PGMET CELL
5.	Training for CATS Drivers	5 th -11 th July 2012	PGMET CELL
6.	Training for CATS Paramedics	6 th -15 th September 2012	PGMET CELL
7.	BLS/ACLS(AHA)	7 th -9 th October 2012	MAMC-ITC
8.	ICLS Examination	20 th -21 st October 2012	DMAS Surgery , MAMC
9.	ENDOLAP 2012(Skills Workshop)	30 th November 2012	DMAS Surgery , MAMC
10.	Micro Surgical Training	17 th -22 nd December 2012	GOI

4. Visitors to the department during the year.

- 1) Dr. Ajay Upadhyay, Director ,Metabolic Surgery, Alta Bates Summit Medical Centre, Colifornia,USA
- 2) Dr. Bipin Batra, Executive Director, National Board of Examination, New Delhi-110029
- 3) Dr. Vinita Sarbhai, Senior Specialist Gynae, Kasturba Hospital, New Delhi
- 4) Dr. Shiwani Agarwal, Senior Specialist , Kasturba Hospital, New Delhi
- 5) Dr. K. Mohander Mohan Das , Vice Chancellor, Kerala University of Health Services, Kerala
- 6) Dr. K.K.Talwar, Chairman, Board of Governors, Medical Council of India.
- 7) Prof. Alva, PGI Medical Education & Research (PGIMER), Chandigarh
- 8) Alex Moghadam, Zoll Medical Corporation.

C. CHACHA NEHRU BAL CHIKITSALAYA

DIRECTOR

Dr. Deepak K. Tempe

MEDICAL SUPERINTENDENT

Dr. Anup Mohta

Department of Pediatric Medicine:-

Name of the Head of Department:

Dr. B. Talukdar

1. FACULTY:

S. No.	Name of Faculty	Designation
1.	Dr. B. Talukdar	Director-Professor
3.	Dr. Diganta Saikia	Assistant Professor
4.	Dr. Mamta Jajoo	Assistant Professor
5.	Dr. Manish Kumar	Assistant Professor
6.	Dr. Swati Dubish	Assistant Professor
7.	Dr. Raghvendra Singh	Assistant Professor
8.	Dr. Medha Mittal	Assistant Professor
9.	Dr. Rahul Jain	Assistant Professor
10.	Dr. Kapil Kapoor	Assistant Professor
11.	Dr. Preeti Singh	Assistant Professor
12.	Gavneet Kaur Pruthi	Assistant Professor, Psychology
13.	Shahzadi Malhotra	Assistant Professor, Psychology

2. Members who have left during the period: -

S. No.	Name of Faculty	Designation	Reason for leaving the job
1.	Dr. Archana	specialist	2.

3. Additions to the Faculty during the period: -

S. No.	Name of Faculty	Designation	Whether newly joined/promotion
1.	Dr. Kapil Kapoor	Assistant professor	Joined newly
2.	Dr. Preeti Singh	Assistant professor	Joined newly

Department of Pediatric Surgery:-

Name of the Head of Department: Dr. Anup Mohta

1. Faculty Members:

S. No.	Name of Faculty	Designation
1.	Dr. Chhabi Ranu Gupta	Assistant Professor
2.	Dr. Mamta Sengar	Assistant Professor
3.	Dr. Vivek Manchanda	Assistant Professor
4.	Dr. Vishesh Jain	Assistant Professor

Department of Anaesthesiology:-

1. Faculty Members :

- | | |
|---------------------------|--------------------------|
| 1. Dr Sapna Bathla | Head & Junior Specialist |
| 2. Dr. Ashok Kumar Nishad | Assistant Professor |
| 3. Dr Geeta Kamal | Junior Specialist |
| 4. Dr Aikta Gupta | Junior Specialist |

2.Members who have left during the period: -

Dr. Ashok Kumar	Assistant Professor	Transferred to RML Hospital
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Department of Radiology:-

1. Faculty

Dr. Kalpana Bansal	HOD & Assistant Professor
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2. Members who have left during the period: -

- | | | |
|------------------------|---------------------|-------------------------------------|
| 1. Dr. Poonam Sherwani | Assistant Professor | Joined Lady Harding Medical College |
|------------------------|---------------------|-------------------------------------|

Department of Orthopaedics:-

1. Faculty

Dr Anil Agarwal	Head & Junior Specialist
Dr. Tarun Suri	Assistant Professor

2. Additions Faculty during Period

- | | | |
|-------------------|---------------------|--------------|
| 1. Dr. Tarun Suri | Assistant Professor | Newly Joined |
|-------------------|---------------------|--------------|

Department of E.N.T:-

Dr. Manish Girhotra	Head & Assistant Professor
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Department of Dermatology:-

1.Faculty

Dr. .Deepshikha Khanna	Head & Assistant Professor
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3.Additions to Faculty during period

Dr. Pooja Arora	Assistant Professor	Newly Joined on 20/02/2012
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Department of Laboratory Medicine:-

Faculty in Microbiology :

- | | |
|------------------------|-------------------------|
| 1. Dr. Vikas Manchanda | Head & Asstt. Professor |
| 2. Dr. Hitender Gautam | Asstt. Professor |

Faculty in Pathology :

Dr. Ruchika Gupta	Head & Asstt. professor
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2. Members who have left during period:-

Dr. Prasenjit Das	Assistant Professor	Appointment in AIIMS
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Faculty in Biochemistry :

Dr. Pradeep Dabla	Head & Asstt. Professor
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2.Members who have left during the period

- | | | |
|----------------------|------------------|----------|
| 1. Dr. Santosh Kumar | Asstt. Professor | Resigned |
|----------------------|------------------|----------|

QUALITY MANAGEMENT DIVISION:-

Dr. Anup Mohta, Chairperson
Dr. Vikas Manchanda, Secretary

Monitoring over 200 quality indicators (Key Performance Indicators) from different departments and healthcare units is done on daily basis.

SURVEILLANCE & INFECTION CONTROL DIVISION:-

Dr. Anup Mohta, Chairperson
Dr. Vikas Manchanda, Secretary

Department of Dental:-

Dr. Anjula Yadav Head & CAS Dental

CHILD DEVELOPMENT CENTRE:-

1. Ms Kiran Occupational Therapist
2. Ms Shiela Gautam Occupational Therapist
3. Ms Saba Tufel Physiotherapist

Department of Dietitics:-

1. Ms Sarvesh Sharma Asstt. Dietician
2. Ms Shipali Kapoor Asstt. Dietician

4. New Course started

Nil

5. Research Schemes: -

Department of Pediatrics Medicine:-

(a) On going project -

1. Developing a Neonatal Sepsis registry and studying Molecular Epidemiology of Bacterial isolates. A multicentric Project. Funded by Indian Council of Medical Research Project Investigator-Dr.Mamta Jajoo (Pediatrics)
Co- Project Investigator –Dr.Vikas Manchanda. (Microbiology)
2. Randomized, double blind, placebo controlled trial to compare efficacy of 3-months versus 6-months therapy with prednisolone for the first episode of idiopathic nephrotic syndrome in children. A multicentric project, funded by Indian Council of Medical Research, AIIMS, New Delhi being the primary investigating centre.
Co-investigator- Dr. Manish Kumar (Pediatrics)
3. Comparison of the efficacy of a 7-day versus a 14-day course of intravenous antibiotics in the treatment of uncomplicated neonatal bacterial sepsis: a randomized controlled non-inferiority trial. Funded by Indian Council of Medical Research.
Project Investigator-Dr. Mamta Jajoo (Pediatrics)
Co- Project Investigator – Dr.Hitendra (Microbiology)
4. Hospital based surveillance of bacterial meningitis in India. Funded by Indian Council of Medical Research. Project Principal Investigator- Dr Vikas Manchanda
Co-investigator: dr Hitender Gautam
Pediatric Principal Investigator- Dr Medha Mittal
5. A surveillance of invasive disease caused by S.Pneumoniae or H.Influenzae or N.Meningitidis in children less than 5 years of age in India. Multicentric project funded by GSK.
Principal Investigator-Dr Vikas Manchanda Co-Investigator-Dr Swati Dubish

(b) Details of thesis completed during current year

1. A Clinical study of convulsive status epilepticus in children with special reference to factors associated with seizure control – PG- Dr. Sumit Bansal,
Supervisor-Dr. B. Talukdar, Co-Supervisor-Dr. Rahul Jain.
2. Efficacy of ceftriaxone versus chloramphenicol in management of enteric fever: A Randomized Controlled Trial.PG-Dr.Rangnath VT.
Supervisor-Dr.Manish Kumar,Co-Supervisor-Dr.Raghvendra Singh, Dr.V.Manchanda.
3. Clinico-Bacteriological study in children with acute bacterial meningitis in a tertiary care hospital - an observational study. PG-Dr. Anuj Kumar,
Supervisor-Dr.D.Saikia, Co-Supervisor-Dr.V.Manchanda
4. Early total versus gradual advancement of enteral nutrition in healthy preterm very low birth weight neonates in a tertiary care nursery: A Randomized Controlled Trial.PG-Dr.Neha.
Supervisor-Dr.Mamta Jajoo, Co-Supervisor-Dr. Raghvendra Singh, Dr. Sudarshan Kumari.
5. Comparison of Low versus High dose vitamin D in Nutritional vitamin D deficiency Rickets: Randomized controlled study .PG-Dr.Harsh Patel.
Supervisor-Dr.Manish Kumar.
6. Clinico microbiological profile of health care associated infection in PICU.PG-Dr.Priyanka Udawat.
Supervisor-Dr.Shalu Gupta.Co-Supervisor-Dr.V.Manchanda, Dr.D.Saikia
7. Effect of Kangaroo mother care (KMC) on pain receiving heel lance in preterm neonate: A cross over Trial.PG-Dr.Neeraj Kumar.
Supervisor- Dr.Mamta Jajoo.Co-Supervisor-Dr.B.Talukdar.

Department of Pediatric surgery:-

Research Projects

1. Comparative analysis of outcome in patients with posterior urethral valves presenting during and after infancy.
2. Comparison between open and laparoscopic renal pelvic surgery.
3. Outcome analysis of patients with Hirschsprung's Disease after Modified Duhamel's Procedure and Transanal Endorectal Pull-through.

Department of Microbiology & Infectious Diseases:-

2. Ongoing project :
 - a) Developing a neonatal sepsis registry and studying molecular epidemiology of bacterial isolates. (ICMR funded)
 - b) A surveillance of invasive disease caused by *S.pneumoniae* or *H.influenzae* or *N.meningitidis* in children <5 years of age in India (ASIP) in collaboration with CMC, Vellore.
3. Details of thesis completed during current year
 - a) Socio-demographic, clinical and microbiological profile and risk factors for major amputation in patients with diabetic foot. Thesis Co Guide, MS (General Surgery), April 2012
 - b) A comparative study of efficacy of Ceftriaxone and Chloramphenicol in management of Enteric fever. Thesis Co Guide, DNB (Pediatrics), 2011-13
 - c) Clinicobacteriological study in childrens with acute bacterial meningitis in a tertiary care hospital: An observational study. Thesis Co Guide D.N.B. (Pediatric) 2010-13

Department of Biochemistry:-

a) Projects (Ongoing):

Dr. Pradeep Kumar Dabla Co-supervisor for DNB Thesis ,Department of Pediatric Medicine ,CNBC, Session 2012-13

1. "Role of Vit B12 deficiency in infants & young children with developmental delay & regression " candidate name:' Dr. Swati Kapoor
2. "Study of serum Vit D- Calcium Parathromone Axix in children with celiac deisese" Candidate name: Dr. Pragya Bajaj.
3. "To detect the prevalence of Vit B12 deficiency in infant & mother dyad from 1 month to 6 month of age " candidate name: Dr. Vijayshree

Dr. Pradeep Kumar Dabla, **Prospective Case Control Pilot-Study, Session 2012-2013 with Department of Orthopedics (presented to scientific committee)**

1. "Vitamin-D defeciency among pediatric osteo-articular tuberculosis patients"

6. Trainees from other agencies: -

Department of Biochemistry:-

1. Ms. Asha Integrated Institute of Technology Dwarka Delhi 18/06/12-18/07/12
2. Mr. Abhishek Integrated Institute of Technology Dwarka Delhi 18/06/12-18/07/12

Department of Microbiology & Infectious Diseases:-

S.No	Name of the trainees	Sponsoring agency	Period of training
1.	Dr. Yukti	Hindu Rao Hospital, Delhi	One week
2.	Ashu Kumari	Integrated Institute of technology, Delhi	One month
3.	Abhishek Tyagi	Integrated Institute of technology, Delhi	One month

7. Training course/Conference/Workshops organized: -

Department of Pediatric Medicine:-

Dr Medha Mittal

- a) Basic Life Support- Mass Awareness Programme at Chacha Nehru Bal Chikitsalaya on 18 August 2012 under IAP-PALS 'Save a Life' programme.
- b) Basic Life Support- Mass Awareness Programme at Nai Disha, an NGO on 20 October 2012 under IAP-PALS 'Save a Life' programme.
- c) Pediatric Advanced Life Support Course at Chacha Nehru Bal Chikitsalaya on 17,18 November 2012 .

Dr.Mamta Jajoo

Organized Workshop on " Policy planning for facility Based New Born care" during annual convention of NNF on 13th Dec.12.

Organized FBNC workshop with NNF and UNICEF from 3rd to 6th Oct.2012.

Conducted observership training in NICU for doctors and Nurses of different District hospitals of Harayana from 19th Nov to 3rd Dec 12.

Department of Microbiology & Infectious Diseases:-

- a. National Workshop on “Hands on Workshop for Molecular Diagnosis of Infectious Diseases, under **36th National Conference of Indian Association of Medical Microbiologists, MicroCon 2012** was held on 21st November 2012 with Dr. Vikas Manchanda as Organising Secretary and Dr. Hitender Gautam as Organising Joint Secretary.
- b. A National CME was Conducted on “Vaccines: Development to delivery” under **36th National Conference of Indian Association of Medical Microbiologists, MicroCon 2012** was held on 22nd November 2012 with Dr. Vikas Manchanda as Organising Secretary
- c. Organized HIV sensitization workshop for healthcare workers, at CNBC, 2012.

Department of Biochemistry:-

Dr. Pradeep Kumar Dabla

- 1. **Member Core-Committee ACBICON**(Association of Clinical Biochemists of India Conference), Ranchi Dec-2012
- 2. **Convener & Faculty Educational Workshop IFCC-TF YS 2012, 11 Dec** at ACBICON-2012 Ranchi India as “Clinical chemistry to clinical laboratory Science”
- 3. **Organising Chairperson, 1st International Symposium with ACBI-delhi Chapter 2012 15 dec at CHAcha Nehru Bal chikitsalaya(CNBC)**, Pediatric Superspeciality Hospital, Associated to Maulana Azad Medical College delhi themed as “changing role of Laboratory medicine laboratory clinic interface”
- 4. Contributed significantly for the scheduled training of technical staff for NABH re-accreditation programmed

Dr. Santosh Kumar

- 1, Organizing Committee Member, **1st International Symposium with ACBI-delhi Chapter 2012 15 dec at CHAcha Nehru Bal chikitsalaya(CNBC)**, Pediatric Superspeciality Hospital, Associated to Maulana Azad Medical College delhi themed as “changing role of Laboratory medicine laboratory clinic interface”

8. Publications during the period:

Department of Pediatric Medicine:-

1. Dr. Mamta Jajoo

Jajoo M, Kumar V, Goyal V, Garg A. Candida tropicalis infection in a term neonate with gall Bladder masses and infective endocarditis. Asian Pacific Journal of Tropical Medicine 2012 May;5(5):410-2.

2. Dr. Rahul Jain.

a. Jain R, Juneja M, Sairam S. Children with developmental disabilities in India: Age of initial concern and referral for rehabilitation services, and reasons for delay in referral. Journal of Child Neurology. 2012 Jun 29. (Epub ahead of print)

b. Juneja M, MD, Mukherjee SB, Sharma S, Jain R, Das B, Sabu P. Evaluation of a Parent-Based Behavioral Intervention Program for children with Autism in a low-resource setting. Journal of Pediatric Neurosciences. 2012;7(1):16-18.

3. Dr. Kapil Kapoor

Kapoor K, Gupta S. Malarial Acute Kidney Injury in a Pediatric Intensive Care Unit. Trop Doct. 2012 Aug 6 [Epub ahead of print].

4. Dr. Manish Kumar

Kumar M, Singh R. Congenital cutis laxa. Images. Indian pediatrics 2012; 49: 771.

5. Dr.Preeti Singh

- a. Persistent postnatal depression after preterm delivery (Letter to the editor). Archives of women's Mental Health on 4th January 2012 , Volume 15, Issue 1, pp73-74.
- b. Should we screen children with Severe Acute Malnutrition for celiac disease? (Research letter). Indian Pediatrics April 2012, V volume 49: Number 4, pp330.
- c. Enteral feeding in very low birth weight newborns (Review article:), Journal of Neonatology July to Sept 2012, Volume 26: Number 3, pp19-26.
- d. Neurological Manifestations of Dengue accepted for publication in Pediatric Infectious Disease on 3 Dec 2012

6. Dr.Raghvendra Singh

Kumar M, Singh R Images: Congenital Cutis Laxa.Indian Pediatr. Sept 2012; 49(9): 771

7. Dr.Swati Dublish

Kapoor S, Ghosh V, Dublish S, Prakash A. Left atrial appendage aneurysm: an unusual cause of hematuria with stroke. Indian J Pediatric 2012.DOI 10.1007/s 12098-012-08416

Department of Pediatric Surgery:-

- Mohta A. Sleep rituals. Indian Pediatr 2012; 49:251.
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- Sengar M, Mohta A, Manchanda V, Khurana N. Paratesticular fibrous hamartoma in an infant. Singapore Med J 2012; 53: e63-e65.
- Gupta R, Gupta R, Bansal K, Mohta A. Aspiration cytology of Mesenchymal Hamartoma of the Liver: Report of a case and review of literature. Diagn Cytopathol. 2012 . doi: 10.1002/dc.22824.
- Rao S, Khurana N, Mohta A. Nodular Histiocytic Proliferation in hernial sac: a potential diagnostic pitfall. Indian J Pathol Microbiol 2012; 55: 126.
- Goel P, Manchanda V, Mohta A, Gupta CR, Das P, Srivastav S. Urothelial polyps from anterior urethra in a prepubertal female child: A rare entity. J Pediatr Surg. 2012; 47: e 13-15.
- Gupta R, Verma S, Bansal P, Mohta A. Pilomatrixoma of the arm: A rare case with cytologic diagnosis. Case Rep Dermatol Med. 2012; 2012:257405.
- Mohta A. Editorial Comment to Circumcision with a novel disposable device in Chinese children: a hospital-based randomized controlled trial. Online first 2012 Sep 25. doi: 10.1111/j.1442-2042.2012.03178.x.

Department of Radiology:-

Jain S, Agrawal A, Bansal K, Gupta R. Benign mesenchymonea presenting as a par spinal mass Arch Dis Child 2012 ,97:825-6

Department of Dermatology :

Singal A, Khanna D. Onychomycosis diagnosis and treatment. Indian J Dermatol Venereol Leprol 2011;77:659-72.

Department of Orthopaedics:-

Indexed

1. J Orthop 2012; 46:698-704 Agarwal A , Qureshi NA,Gupta N,Verma I, Pandey DK, Management of neglected lateral condyle fractures of humerus in children: A retrospective study . Indian
2. Agarwal A, Qureshi NA, Kumar P ,Garg A ,Gupa N, Ultrasonographic evaluation of Achilles tendons in clubfeet before and after percutaneous tenomy. J orthop Surg 2012;20:17-4.
3. Gulati D, Aggarwal AN, Kumar S, Agarwal A. Skeletal injuries following unintentional fall from height. Ulus Travma Cerrahi derg(Turkish Journal of Trauma And Emergency Surgery)2012;18:141-6

NON-INDEXED

1. **Agarwal A**, Verma I. Cerebral Palsy in children. An overview . Journal of clinical Orthopaedics And Trauma 2012;3:77-81
2. Agarwal A, Gupta N. Risk factors and development dysplasia of hip in children . Journal of clinical Orthopaedics And Trauma 2012;3:10-4
3. **Agarwal A** Qureshi NA. Cingenital talipes equinovarus- An overview pediatrics today 2012;15:15-8.

Department of Pathology:

Dr. Ruchika Gupta

4. **Gupta R**, Verma S, Bansal P, MOhta A. Pilomatrixoma of the Arm: a rare case with cytologic diagnosis, **Case Rep Dermatol Med** 2012;2012:257405
5. Jain S, Agarwal A, Bansal K, **Gupta R**. Benign mesenchymoma presenting as a para spinal mass. **Arch Dis child** 2012;97:825-6
6. Khanna D, Chakravarty P, Agarwal A, **Gupta R**, Tuberculous Dactylitis presenting as Paronychia with Pseudopterygium and Dystrophy **Pediatr Dermatol**. 2012 Sep 20. Doi:10.1111/j.1525-1470.2012.01843.x[Epub ahead of print]

Department of Microbiology & Infectious Diseases:-

Dr. Vikas Manchanda

- a. Grover C, Arora P, **Manchanda V**. Comparative evaluation of griseofulvin, terbinafine and fluconazole in the treatment of tinea capitis. *Int J Dermatol*. 2012 Apr;51(4):455-8.
- b. Khanna D, Goel A, Kedar A, **Manchanda V**, Agarwal S. *Trichophyton tonsurans* induced recurrent onychomadesis in a very young infant. *Pediatr Dermatol*. 2012 Feb 3. doi: 10.1111/j.1525-1470.2011.01701.x.
- c. Indian Network for Surveillance of Antimicrobial Resistance (**Manchanda V** – Network member). Antibigram of *S. enteric* serovar Typhi and *S. enteric* serovar Paratyphi A: a multi-centre study from India. *WHO South-East Asia Journal of Public Health* 2012;1(2):182-188.

Dr. Hitender Gautam

- a. S.saini, P. Bhalla. **H. Gautam**, U. K. Baweja, S.T. Pasha, R. Dewan. Resistance Associated Mutations in HIV-1 among Patients Failing First Line Antiretroviral Therapy. *J Int Assoc Physicians AIDS Care* 2012 May-Jun;11(3):203-9.

Papers submitted in Conference:

1. Kinha P, **Manchanda V**, **Gautam H**, Manoharan A. Prevalent Serotypes and clinical presentation of Invasive Pneumococcal Disease in under five children in India. National Conference IAMM, 2012, Abstract # BP247.
2. Neha, **Gautam H**, **Manchanda V**. Clinical profile of children with *Sphingomonas paucimobilis* bacteraemia. National Conference IAMM, 2012, Abstract # BP15.
3. Aggarwal M, **Manchanda V**, **Gautam H**. Seroprevalence of viral hepatitis among paediatric population - A hospital based study. National Conference IAMM, 2012, Abstract # VP 56.
4. Saksena R, **Manchanda V**, **Gautam H**. Effect of revised CLSI breakpoints (2012) for ciprofloxacin susceptibility on role of nalidixic acid as predictor of fluoroquinolone susceptibility in typhoidal salmonellae. National Conference IAMM, 2012, Abstract # BP233.
5. Jajoo M, **Manchanda V**, Dabas V, Mittal D, Deepika, George J, Sebastian P, Bhutta ZA, Yadav A, Wadhwa A. Systemic infections in outborn neonates at a networking site of ICMR

Centre for Advanced Research in Newborn Health: preliminary results from 'Prevent Sepsis-related Neonatal Mortality' program . NEOCON 2012, Delhi

Department of Biochemistry:

PAPER PUBLICATIONS:-

1. **SANTOSH KUMAR, PRADEEP K DABLA**, acute intermittent porphyria: challenges in diagnosis. int.j.of advances drug delivery.case report.dec2012;2(1-2):33-39.
2. **VANDANA D, PRADEEP K DABLA**, Role of computers in data analysis of qualitative research. global j.of mech.engg & comp.scienes.2012;2(1):67-73.
3. **VANDANA D, PRADEEP K DABLA**, concept of emergence of change management.global j.of arts & mgmt.2012;2(1):96-99.
4. **VANDAN D, PRADEEP K DABLA, SANTOSH K**.global warming-climate changes & steps towards response.Int j of trade in services. dec2012;4(2):313-331.
5. **VANDANA D, PRADEEP K DABLA, VINOD K GUPTA**.An insight into human relations management-contributions & limitations. Int j of human development and information systems.dec2012;4(2).

NEWSLETTER PUBLICATIONS:-

1. DR PRADEEP K DABLA.IFCC task force for young scientists holds educational workshop in india at ABCICON-2011.lab medica international.vol.29(2).
2. DR PRADEEP K DABLA.IFCC-task force for young scientists educational workshop 2011 at india "Think The Unthinkable-A Guide to select the right path".APFCB NEWS 2011.4/2012.

ABSTRACT PUBLISHED:-

1. PREETI CHAUHAN, PRADEEP K DABLA, ARCHANA SOOD."The role of serum procalcitonin and c-reactive protein in upper respiratory tract infection as a primary diagnostic marker" at ABCICON-2012, Ranchi, India, Indian J of Clin Biochem.dec 2012.

Department of Dermatology:-

1. **VASANI R, KANNA D, SINGAL A**, ascutaneous lesions and their management in Indian setting dermatology therapy.2012july;25(4):358-375
2. **KHANNA D, GOEL K, KHURANA N**, isolated planter cerebriform collagenoma or forme fruste proteus syndrome Indian journal of dermatology venereology leprology.2012sep;78(5):666
3. **KHANNA D, CHAKRAVARTY P, AGARWAL A, GUPTA R**, tubercular dactylitis of great toe and nail fold scrofuloderma presenting as paronychia with pseudo pterygium and nail dystrophy.pediatric dermatology 2012sep20.published online.
4. **KHANNA D, GOEL A, KESAR A, MANCHANDA V, AGGARWAL S, TRICOPHYTON TONSURANS** INDUCED recurrent onychomycosis in a young infant pediatric dermatology.2013may;3(3)390-1

9. Books/chapters/Contributed:

Department of Pathology:-

1. Dr. Ruchika Gupta contributed a chapter entitled "Stromal osseous metaplasia in a juvenile rectal polyp: a clinic pathologic curiosity" in Calcification: Processes; Determinants and Health Impact, edited by Sushil K Achewar.

Department of Pediatric Medicine:-

1. Dr. B. Talukdar - 'Electrophysiological Evaluation of Neonates: EEG' In Essential Neonatology, Ed: Mathur NB, 2012, Noble Vision, Delhi, pp 624-627
2. Dr. B. Talukdar - 'Brainstem Evoked Response Audiometry' In Essential Neonatology, Ed: Mathur NB, 2012, Noble Vision, Delhi, pp 628-631
3. Dr. Mamta Jajoo- Sick Child with Sepsis: ICU Managment. Jajoo M, Gupta R. In Pediatric Osteoarticular Infection .Anil Agarwal, Aditya Agarwal ,jaypee publications, New Delhi, pg 50-60
4. Dr. Manish Kumar- Vasudev AS, kumar M. Imaging in Renal diseases. IAP Specialty series on Pediatric Nephrology. Second Edition 2012. Published by: Indian Academy of Pediatrics Publishing House, Gwalior (M.P.) India. Page 34-61.
5. Dr. Preeti Singh- Imaging in Tuberculosis published in "Advances in Pediatrics" a textbook by Indian Academy of Pediatrics, 2nd edition 2012.
6. Dr. Raghvendra Singh- Malnutrition in Children" published in "Advances in Pediatrics" a textbook by Indian Academy of Pediatrics, 2nd edition 2012

Department of Dermatology:-

1. SINGAL A, KHANNA D, "DERMATOPHYTIC ONYCHOMYCOSIS" in nail and its disorders. saccidanand s and somian s eds. 1st eds. jaypee publishers. New delhi; 2013 pg 119-140

Department of Biochemistry:-

CHAPTER:-

pradeep kumar dabra, shakti aggarwal, sarika arora. Therapeutic measures for prevention of postmenopausal symptoms. advances in medicine & ciology series, invited chapter. voo. 43, 2012, 1st quarter, Nova publishers.

BOOK:-

pradeep kumar dabra ,jayashree battacarjee. postmenopausal coronary artery disease risk. lab publishers, may 2012. (ISBN: 9783-8484-84201)

Department of Orthopaedics:-

A text book of Paediatric Osteoarticular Infections has been written by Dr. Anil Agarwal and Dr. Adityan Aggarwal publisher Jaypee

10. Conferences/Workshops/Symposiums attended:

Department of Biochemistry:-

BY DR PRADEEP KUMAR DABLA

1. Annual conference of ACBI (ABCICON-2012) and organised IFCC-TF YS educational workshop based on "Clinical Chemistry to Clinical laboratory science".
2. "Workshop on scholarly publishing" by ICMR & WILEY-Blackwell publication at national institute of pathology's on 21 sep 2012.
3. "Opening new horizons in clinical biochemistry", CME by ganga ram hospital, jan 2012 under delhi chapter ACBI.

BY DR SANTOSH KUMAR

1. "workshop on scholarly publishing" by ICMR & Wiley-Blackwell publication at national institute of pathology's on 21 sep 2012.

Department of Pediatric Surgery:-

- d) 38th Annual Conference of the Indian Association of Pediatric Surgeons held at Bhopal on November 1-4, 2012 was attended by Dr. Anup Mohta and Dr. Chhabhi Ranu Gupta.

Papers presented:

1. Spontaneous biliary peritonitis.
 2. An audit into the epidemiology, clinical profile and management of hypospadias.
 3. Role of surgical safety checklist in preventing the Incidents in Operation theatre.
 4. Quality Assurance in Pediatric surgery: Role of Key Performance Indicators.
 5. Intralesional Bleomycin for Lymphangiomas.
 6. Surgery for Perineal Canal: A Novel Technique.
 7. Urachal Ganglioneuroma: Rare Abdominal Tumour in an Infant.
- e) 7th Annual Conference cum Workshop of Pediatric Endo Surgeons of India (PESI-IAPS) held at Hyderabad on February 3-5, 2012 was attended by Dr. Anup Mohta and Dr. Vivek Manchanda.
- f) 1st Annual Delhi State Chapter Meet held at AIIMS, New Delhi on September 8-9, 2012 was attended by all five faculty members.
- g) National Conclave of NABH accredited Hospitals at New Delhi in December 2012 was attended by Dr. Anup Mohta.
- h) Pediatric Surgery Update 2012 at New Delhi on February 23-26, 2012 was attended by Dr. Vivek Manchanda.
- i) Workshop on 'How to write Scientific Paper' held at New Delhi on February 23, 2012 was attended by Dr. Vivek Manchanda.

Department of Pediatric Medicine:-

1. Dr. B. Talukdar –

- a. Chaired a session in a scientific meeting on 'role of early enteral nutrition in critically ill patients' organized by Nestle Nutrition Institute, held at Hotel Lemon Tree, at Kausambi, Delhi, on 28.07.2012
- b. Chaired a session on " Clinica; Vignettes in Pediatric Surgery' held at Kalawati Saran Children Hospital, Ladey Hardinge Medical College, New Delhi, at a monthly clinical meeting of IAP, Delhi, on 16.08.2012
- c. Delivered a talk on 'Inborn errors of metabolism in children-clinical challenge' at the symposium 'changing role of laboratory medicine-Laboratory-clinical interface' at the Annual Meeting of the Delhi Chapter of the Association of Clinical Biochemists of India, Chacha Nehru VBal Chikitsalaya, Delhi, on 15.12.2012

2. Dr Manish Kumar

- a) 5th Annual Training Course in Pediatric Nephrology, at AIIMS, New Delhi from 6-8 January 2012.
- b) Workshop on Basic Biostatistics at SGPGI, Luknow, from 26-29 April 2012.
- c) 1st Indian Pediatric Dialysis Training Course and AKI Seminar at Medanta-The Medicity Hospital Gurgaon, Haryana.

3. Dr Medha Mittal

- a) Asthma Training Module held at Chacha Nehru Bal Chikitsalaya on 13 May 2012.
- b) Pediatric Conference of North India organized by IAP west Delhi branch on 6-7 October 2012.
- c) 5th International Conference on Thalassemia held at Delhi on 24-25 November 2012.
- d) Changing role of laboratory medicine- laboratory clinic interface organized by Department of Biochemistry, CNBC and Association of Clinical Biochemists of India on December 15 2012 at Chacha Nehru Bal Chikitsalaya.

Dr. Mamta Jajoo-

International Respiratory symposium in Preterm Neonates Organized by Division of Neonatology, AIIMS on 2nd to 4th March 2012.

XXXII annual Convention of National Neonatology Forum from 12th to 17th Dec. 2012 at Delhi.

Dr Manish Kumar-

- a) Delivered lecture at Pediatric Nephrology Update, at Sir Ganga Ram Hospital, New Delhi on 22nd April 2012.

Dr Medha Mittal-

4. Faculty for IAP- PALS Basic Life Support 'Save a Life' Programme. Held at-
 - a) Chacha Nehru Bal Chikitsalaya on 18 August 2012.
 - b) Directorate of Health Services on 4 October 2012.
 - c) Directorate of Health Services on 18 October 2012
 - d) Nai Disha, an NGO, on 20 October 2012.
5. Faculty for Pediatric Advanced Life Support Course held at Indraprastha Apollo Hospital, Delhi on 15, 16 September 2012.
6. Faculty for Pediatric Advanced Life Support Course held at Chacha Nehru Bal Chikitsalaya, Delhi on 17, 18 November 2012.
7. First Prize in poster presentation on "Malaria in children in North India- Emerging trends" at Pediatric Conference of North India organized by IAP west Delhi branch on 6-7 October 2012.

Dr. Mamta Jajoo:

1. Guest Lecture on "Recent trends in Surfactant therapy" at IAP Gwalior on 23rd Jan. 2012
2. Faculty for "Facility Based New Born Care Workshop" Organized at CNBC under aegis of NNF and UNICEF from 3rd to 6th Oct. 2012.
3. Faculty for FBNC workshop Organized at Jabalpur under aegis of NNF and UNICEF from 3rd May to 3rd June 2012.
4. Faculty for FBNC workshop Organized at PGI Rohtak under aegis of NNF and UNICEF from 27th - 30th March 2012.
5. Guest Lecture on "Preterm Nutrition" organized by Nestle Nutrition Institute, held at Hotel Lemon Tree, at Kausambi, Delhi, on 28.07.2012.
6. Faculty for Workshop on "Planning Policy for facility based New Born Care" during XXXII annual convention of NNF on 13th Dec, 12.
7. Participated as panelist in Panel Discussion on care of PT and LBW organized by East Delhi IAP On 26 April 12.

Dr. Rahul Jain-

Faculty at preconference workshop "developmental problems in infancy and early childhood: simplified" at pedicon 2012 held on 18th Jan 2012 at Gurgaon

Department of Anaesthesia:-

Annual conference of the Association of ISA Delhi India was attended by Dr. Geeta Kamal & Dr. Ashok Kumar

Department of ENT:-

36th Annual conference of the Association of Otolaryngologists India was attended by Dr. Manish Girhotra

Department of Radiology:-

CME on ‘Musculoskeletal imaging ‘ Delhi April 2012 was attended by Dr. Kalpna Bansal
New Equipment added :

Department of Dermatology:-

Annual conference of the Association of Indian Association of Dermatologist, Venecologists & Lepeologists (Dermacon 2013) was attended by Dr. Deepshikha Khanna

11. Visitors:**Department of Biochemistry:-**

1. Prof. Bernard Gouget, Executive Member-International Federation of Clinical Chemistry, France, Dec2012, “IFCC for raising Lab Standards Globally”
2. Prof. H.S.Sharma, VU University Medical Center, Amsterdam, Netherland, Dec2012, “Research Programmes at VUMC”
3. Dr. Jayashree Bhattacharjee, Dir. Prof & Dean, Vardhman Mahavir Medical College & Sfdarjung Hospital, Delhi, Dec2012, “Raising Research Activities & Colloboration amongst Institutes”.
4. Dr. Nibhriti Das, Dir. Prof, Deptt. of Biochemistry, AIIMS, Dec2012.
5. Dr. L.M.Srivastava, Prof. & Head, Deptt of Biochemistry, Sir Ganga Ram Hospital & Reserach Center, Delhi, Dec2012.
6. Dr. Manjeet Kaur, Chief Consultant & Head, Deptt. of Genetics, Lal Path Lab, Dec2012, “Genetics, Diagnosis & Inborn Errors of Metabolism”

12. Significant Events (Honours to Faculty):**Department of Pediatric Surgery:-**

Dr. Anup Mohta received

- a) First prize in Poster Session at National conference of Indian Association of Pediatric Surgeons at Bhopal
- b) Empanelled as Assessor for National Accreditation Board for Hospitals and Healthcare Providers

Department of Microbiology & Infectious Diseases:

Vikas Manchanda

INVITED GUEST LECTURES

- Meningococcal Disease: Epidemiology and Vaccines. National Conference IAMM, 2012
- Vaccines in Newer Horizons, Pediatric Conference of North India, 2012
- Good Clinical and Laboratory Practices (GCLP), National Institute of Pathology (ICMR), 2012
- Finding Meaningful Matrices. Third National Quality Conclave, QCI, Delhi, 2012

Department of Biochemistry:-

Dr Pradeep Kumar Dabla:

1. Lecture titled “Changing lab environment-perspective from young scientists” at IFCC-TF YS workshop, ACBICON-2012, Ranchi, India.
2. Nominated Executive Body Member, ACBI-Delhi Chapter, Oct 2012.
3. Invited as Guest of Honour, Sickle Cell Disease International Organisation (SCDIO) “The high level meeting on Sickle Cell Disease” at India habitat Centre, New Delhi on 11th and 12th October, 2012.
4. Dr Pradeep Kumar Dabla, Nominated as Advisory Board Member, Bioinfo Publications “World Research J of Biochemistry”.

13. Fellowship:

Department of Orthopedics:-

Fellowship awarded by Japanese Pediatric Orthopedic Association and availed by Dr. Anil Agarwal of CNBC in month of Nov 2012

14. Representation on expert Committee/Bodies: -

Department of Pediatric Medicine:-

Dr. Mamta Jajoo was nominated by Directorate of Family welfare, Govt. of NCT of Delhi as committee member for finalization of equipment specifications for Neonatal ICU.

Department of Microbiology & Infectious Diseases:

Vikas Manchanda

- **Member, Technical Committee, NABH**
- **Vice Chair**, External Affairs committee, Society of Healthcare Epidemiology of America (SHEA)
- **Consultant to UNICEF** to improve infection control practices in labour and delivery. 2012
- Member Secretary, Hospital Infection Control Committee (HICC), CNBC
- Member Secretary, Continuous Quality Improvement Committee, CNBC
- Member Secretary, Continuing Medical Education Committee, CNBC
- Executive member, Indian Association of Medical Microbiologists, Delhi Chapter
- Assistant editor of quarterly newsletter – “Jeevanu Times”, published by IAMM Delhi Chapter
- Web Editor for IAMM Delhi Chapter website

15. Health Services to the Community:

Department of Pediatric Medicine:-

Health centre activities/ camps/ drives/ nation programme etc .Organized Breast Feeding week from 1to 7th August in association with NRHM Delhi

Department of Pathology:-

Organized a blood donation camp for public, Hospital staff and patient attendants at CNBC on 14 Nov 2012

Department of ENT:-

Data being sent on monthly basis for National Programme for Prevention & Control of Deafness(NPPCD)

Department of Dental:-

Motivating child patient for brushing technique & oral hygiene

Restoration: a. GIC maintenance

B. KETAC silver

Extraction: a. Minor surgeries
b. RCT & pulpotomies
c. Apexification of teeth

16. Lab Data: -

Department of Pediatric Medicine:

(a) Name of the Lab - Neurology Lab

(b) Name and no of the test performed-

Name number tests performed

EEG-434,

BERA-449,
VEP-136

Department of Microbiology & Infectious Diseases:-

- a. Name of the Lab: Microbiology & Infectious Diseases
- b. Name and number of the test perform:

S.No.	Name of Test	Number
1.	Direct Microscopy	10933
2.	Culture	20171
3.	Bacterial and fungal identification	5206
4.	Anti-microbial susceptibility testing	6270
5.	AFB Staining	3342
6.	Serology	22739
7.	HIV Testing	3074
8.	ELISA	11130
9.	Molecular testing	1163
10.	Environment sampling	573
	Total	84601

- c. Percentage of growth compared to last year: 10%

Department of Radiology:-

- a. Name of the Lab: General radiology
- b. Name and number of the test perform:

CT Scan 1505
 Ultrasound(Whole Body) 7945
 General X-ray Radiography 42946
 Special Investigations 984 (15.6% increase over previous year)
 MLC X-rays 18

Department of Pathology:-

- a) Name of the Lab: DEPARTMENT OF PATHOLOGY
- b) Name & no of tests performed (2012):

S. No	Tests	Jan.	Feb.	Mar	Apr.	May	Jun	July	Aug	Sep.	Oct.	Nov	Dec.
1	Hemoglobin	2370	2469	2792	2780	3356	3009	3015	3197	4045	4190	2833	2498
2	TLC	2358	2458	2781	2764	3350	2991	3006	3181	4028	4175	2828	2493
3	DLC	2358	2458	2781	2765	3350	2991	3006	3181	4028	4175	2828	2493
4	AEC	22	33	47	30	34	19	15	38	34	31	29	40
5	Platelet Count	2356	2458	2779	2763	3354	2992	3006	3183	4030	4182	2832	2494
6	Retic Count	108	122	121	116	209	181	160	179	219	212	89	122
7	ESR	251	323	431	341	375	355	355	393	469	418	295	320
8	Peripheral Smear	1680	2154	2676	2741	3399	3009	3038	3218	4018	1441	918	792
9	RBC Indices	147	192	229	188	312	304	347	312	364	769	477	360

10	RMA	136	118	144	215	347	244	263	376	585	791	420	63
11	BT	29	25	39	28	47	30	12	10	12	26	9	10
12	CT	29	25	39	28	47	30	12	10	12	26	9	10
13	PT	166	196	174	156	228	207	168	185	214	180	163	205
14	APTT	133	173	166	146	210	193	162	169	195	163	143	178
15	HPLC	47	47	97	95	144	135	84	66	86	60	61	64
16	BG	259	227	218	242	317	303	284	235	400	323	190	254
17	Cross Match	304	303	276	278	296	320	219	336	406	396	298	347
18	DCT	29	29	34	35	46	38	27	43	40	49	17	29
19	ICT	2	3	2	0	0	1	0	1	0	0	0	0
20	G6PD QUALITATIVE	23	20	14	11	44	32	41	44	52	40	19	6
21	ANC	2	1	10	18	9	6	15	10	7	3	5	8
22	Urine R/M	615	705	754	707	903	840	899	816	995	876	648	646
23	Urine pH	0	4	2	3	6	0	7	9	1	5	6	5
24	Urine Specific Gravity	3	1	2	3	0	5	3	9	0	1	3	4
25	Bone Marrow Aspir.	12	7	16	17	7	17	9	6	11	10	10	13
26	FNAC	65	79	104	113	114	68	112	87	86	79	67	47
27	Biopsy	90	90	81	86	126	92	76	82	108	95	78	87
28	CSF Cytology	108	88	84	62	102	94	100	117	116	100	89	104
29	Pleural Fluid Cytology	12	8	10	6	15	7	23	11	9	8	7	7
30	Peritoneal Fluid Cytology	8	7	4	1	4	3	5	4	5	7	1	2
31	Synovial Fluid Cytology	1	0	0	1	0	0	1	0	0	0	0	0
32	Pus Cytology	4	0	2	5	0	2	6	2	10	7	0	1
33	Fluid Cytology	0	1	2	0	3	3	1	3	2	3	0	2
TOTAL		13727	14824	16911	16744	20754	18521	18477	19513	24587	22841	15372	13704

a) Percentage of growth compared to last year:

S.NO	TESTS	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
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YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
2011	14315	14613	17588	17885	19116	18618	20269	17697	21480	19234	16173	14481	211469
2012	13727	14824	16911	16744	20754	18521	18477	19513	24587	22841	15372	13704	215975

a) Name of the Lab: BLOOD STORAGE CENTRE

b) Name & no of tests performed (2012):

MONTH		JAN .	FEB .	MAR .	APRI L	MA Y	JUN E	JUL Y	AUG .	SEP .	OCT .	NOV .	DEC .
Blood Grouping		262	238	218	242	317	303	284	235	400	323	190	254
Cross Match	Whole Blood	14	11	9	16	14	13	29	25	16	2	6	18
	Packed Cell	309	293	267	274	296	307	290	357	406	394	298	329
Units Issued	Whole Blood	3	5	2	9	4	5	13	13	10	2	1	7
	Packed Cell	212	206	199	163	200	192	196	235	288	275	214	250
	FFP	47	41	40	49	107	74	50	57	75	64	67	67
	Platelet	31	36	41	56	34	38	32	47	76	61	32	44
Coombs Test	Direct	29	29	34	35	46	38	27	44	40	49	17	29
	Indirect	2	3	2	0	0	1	0	1	0	0	0	0

e) Percentage of growth compared to last year:

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
2011	755	738	994	913	1031	1102	961	1001	1159	1140	968	857	11619
2012	909	862	812	844	1018	971	921	1014	1311	1170	825	998	11655

Department of Biochemistry:-

a) Name of the Lab: DEPARTMENT OF BIOCHEMISTRY

b) Name & no of tests performed (2012):

1	S.Uric Acid	966	973	1011	932	1175								
							1063	1169	1155	1340	1150	1495	1607	14036
2	S.Creatinine	1442	1441	1471	1401	1450								
							1332	1334	1256	1406	1244	1563	1608	16948
3	B.Urea	1442	1443	1471	1401	1450								
							3141	1325	1267	1453	1232	1561	1609	18795
4	Total Bilirubin		676	755	538	748								
		540					741	909	876	1069	987	119	684	8642
5	Direct Bilirubin	545	668	755	542	753								
							741	909	874	1044	978	119	684	8612
6	Indirect Bilirubin	545	668	755	542	748								
							741	909	876	1044	978	119	684	8609
7	Alk Phos	679	828	974	906	1238								
							1056	1189	1062	1296	1166	119	595	11108
8	LDL	116	115	114	99	111								
							82	141	114	157	178	72	77	1376
9	S.Cholesterol	140	142	143	129	139								
							99	192	172	212	228	108	96	1800
10	Total Protein	480	586	636	606	695								
							648	764	734	885	868	578	506	7986
11	S.Albumin	458	569	615	518	681								
							637	747	712	871	854	578	506	7746
12	S.Globulin	458	569	615	518	681								
							637	747	712	871	854	578	506	7746
13	S.Calcium	298	193	472	507	769								
							544	651	548	616	525	345	351	5819
14	S.Amylase	10	11	32	24	24								
							10	88	87	94	64	19	8	471
15	S.LDH	27	33	51	35	36								
							26	99	120	99	96	21	8	651
16	S.CPK-MB	5	12	32	28	28								
							0	0	0	0	0	0	0	105
17	S.Phos	283	366	456	486	754								
							522	650	571	624	532	343	354	5941
18	S.Vit B12	157	164	133	153	179								
							178	71	49	173	144	110	148	1659
19	S.Folate	0	146	130	144	173								
							180	70	46	166	138	109	147	1449

20	T3	143	156	157	177	208								
							213	97	9	200	181	155	188	1884
21	T4	143	156	157	177	208								
							213	97	7	200	181	155	188	1882
22	TSH	143	156	163	177	214								
							213	99	15	203	186	161	189	1919
23	S.PTH	10	28	37	32	52								
							28	13	28	42	36	38	42	386
24	S.Magnesium	5	16	33	26	20								
							23	97	83	83	75	21	16	498
25	B.Sugar (F)	20	71	70	60	43								
							64	104	40	60	43	40	35	650
26	B.Sugar (PP)	20	72	30	49	8								
							17	60	28	41	6	5	8	344
27	B.Sugar (Random)	97	80	104	100	55								
							50	150	150	140	54	33	32	1045
28	S.Lipase	7	13	19	14	3								
							5	3	41	72	85	3	5	270
29	S.Osmolality	8	14	5	6	2								
							4	0	0	0	0	1	3	43
30	S.Ferritin	0	152	130	159	194								
							200	73	49	191	153	118	162	1581
31	CK Nac	17	29	32	45	32								
							32	103	114	125	149	22	13	713
32	GGT	438	510	603	495	657								
							598	723	689	884	841	524	501	7463
33	Triglyceride	116	61	119	102	114								
							99	191	163	209	224	97	80	1575
34	VLDL	116	115	116	99	111								
							94	191	114	166	181	94	77	1474
35	HDL	116	115	116	99	111								
							81	154	114	166	181	94	77	1424
36	A:G ratio	458	569	636	518	518								
							579	742	114	871	854	560	506	6925
37	S.Electrolytes	2200	1910	1831	1938	2184								
							1881	1912	2099	2368	1993	1543	1604	23463
38	CRP	822	842	724	696	699								
							806	887	552	0	0	0	209	6237

39	ALT	473	569	628	505	690								
							635	810	796	969	956	565	502	8098
40	AST	459	295	625	508	692	635	795	799	968	949	566	503	7794
41	Lactate	0	24	25	21	3								
							13	54	34	53	78	15	13	333
42	Total Ige	0	5	3	6	1								
							4	1	1	4	2	1	2	30
43	Urinary Protein 24 h	5	10	12	12	13								
							9	15	25	1	5	1	1	109
44	Urinary creat. 24 h	6	11	12	10									
						9	3	76	32	9	6	7	5	186
45	Urinary Calcium	23	9	20	19	12								
							11	50	52	8	5	10	5	224
46	Urinary UA	0	1	1	1	1								
							0	26	26	0	1	3	1	61
47	Urinary phos	0	5	3	1	9								
							2	31	30	5	1	2	5	94
48	Urine Ca/Creat	42	39	32	36	18								
							20	11	8	12	11	21	8	258
49	Urine Pro/Creat	40	31	30	43	24								
							18	23	3	22	37	16	32	319
50	Urine electrolytes	12	10	10	12	11								
							13	10	3	2	5	4	6	98
51	Urine Osmolality	6	13	9	14	5								
							4	0	0	0	0	0	7	58
52	CSF-Pro	143	93	95	89	102								
							101	112	80	144	142	120	135	1356
53	CSF-Sug	143	93	95	60	102								
							101	112	80	144	95	120	135	1280
54	Pleural Fl. Biochem	10	14	12	14	15								
							6	19	11	19	11	8	10	149
55	Peritoneal fl. Biochem	8	5	4	4	3								
							3	9	6	12	13	2	10	79
TOTAL														
		14840	15895	17319	15833	18975	19156	19814	17626	21813	19956	13081	15493	209801

c) **Percentage of growth compared to last year:**

YEA R	JAN	FEB	MA R	AP R	MA Y	JUN E	JUL Y	AU G	SEP	OC T	NO V	DE C	TOTA L
2011	1173 3	1284 2	1524 8	1623 7	1780 1	1660 1	1838 8	1730 9	2038 9	1670 9	1608 3	1518 0	19452 0
2012	1484 0	1589 5	1731 9	1583 3	1897 5	1915 6	1981 4	1762 6	2181 3	1995 6	1308 1	1549 3	20980 1

17. New Facilities added:

Clinical Microbiology and infectious Diseases:-

- Initiated PCR diagnosis for *S. pneumoniae*, *H. influenzae* and *N. meningitidis* in blood, CSF and pleural fluid specimens.
- Standardised TB PCR for extrapulmonary specimens using MP64 gene.
- Initiated conventional culture laboratory for tuberculosis diagnosis.

Department of Dental:-

Stainless steel crown placement

Department of Biochemistry:-

Installation of automated biochemistry analyser in emergency Lab to provide extended profile & better quality patient care

Department of Dermatology:-

Narrow band UV & Chamber

Department of Pathology:-

Enrollment in the Histopathology Quality Assurance Program being conducted by Department of Pathology AIIMS.

18. Any other worth mentioning information.

Department of Paediatric Surgery :-

Dr Anup Mohta and Dr. Chhabi Ranu Gupta chaired a session at Annual Conference of Indian Association of Paediatric Surgeons, Bhopal.

Department of Biochemistry:-

Dr. Pradeeo Kumar Dabla having

1. Additional charge of Hospital Store Officer, CNBC
2. Additional charge as In-charge Emergency Laboratory, CNBC

D. DEPARTMENT OF G.B. PANT HOSPITAL

ANAESTHESIOLOGY & INTENSIVE CARE

1. FACULTY

S.No.	Name of Faculty	Designation
1	Dr. D.K.Tempe	Director-Professor & Head
2	Dr.Rajeev Uppal	Director-Professor
3	Dr.A.S. Tomar	Director-Professor
4	Dr.Rajiv Chawla	Director-Professor
5	Dr. Baljit Singh	Director-Professor
6	Dr. Vishnu Datt	Professor
7	Dr. Pragati Ganjoo	Professor
8	Dr. Monica S Tandon	Professor
9	Dr. Sanjula Virmani	Professor
10	Dr. Anirban Hom Choudhuri	Associate Professor
11	Dr Somchandra	Assistant Professor
12	Dr. Garima Agrawal	Assistant Professor (On Contract Basis)
13	Dr Kiran Lata Kiro	Assistant Professor (On Contract Basis)
14	Dr Deepti Saigal	Assistant Professor (On Contract Basis)
15	Dr Upma Bhatia Batra	Assistant Professor (On Contract Basis)
16	Dr Kapil Chaudhary	Assistant Professor (On Contract Basis)
17	Dr Mritunjay Kumar	Assistant Professor (On Contract Basis)
18	Dr Shiba Aggarwal	Assistant Professor (On Contract Basis)
19	Dr Indira Malik	Assistant Professor (On Contract Basis)

5. RESEARCH SCHEME

(a) On going project:

Dr D K Tempe, Dr Kiran Lata Kiro : Transesophageal Echocardiography(TEE) Assessment of Inferior Vena Cava(IVC) Cannulation and influence on liver dysfunction by obstructing Hepatic vein(Prospective Randomized Study)

Dr D K Tempe, Dr Kapil Chaudhary: Comparison of hemodynamic responses to laryngoscopy and intubation with Truview PCDTM, McGrath® and Macintosh laryngoscope in patients undergoing CABG(topic awarded to a DNB fellow)

Dr D K Tempe, Dr Kapil Chaudhary: Carbapenem resistance patterns in general ICU of a tertiary care hospital in India.

Dr Anirban H Choudhuri : Pre-proposal accepted by ICMR for developing into full length proposal: “Identification and prognostication of postoperative cognitive dysfunction in the elderly using neurobiochemical markers: neuron specific enolase (NSE), S-100 β protein and apolipoprotein E ϵ 4.

Dr Mritunjay Kumar, Dr Shiba Aggarwal: Comparison of prognostic value of central venous oxygen saturation and CO₂ gap in patients undergoing malignancy surgery in a tertiary care hospital (In data analysis phase).

(b) Details of thesis completed during current year:

Dr R Uppal, Dr Anirban Hom Choudhari, Dr Mritunjay Kumar : Influence of non surgical risk factors on anastomatic leakage after major gastrointestinal surgery: audit from a tertiary care teaching hospital.

Dr Sanjula Virmani: Dexmedetomidine as an anaesthetic adjunct in patients undergoing off pump CABG) undertaken in the previous years, was completed. This thesis topic awarded to a DNB Fellow (was a co-guide) was successfully supervised and completed

Dr R Uppal, Dr Anirban Hom Choudhari, Dr Mritunjay Kumar : Influence of non surgical risk factors on anastomatic leakage after major gastrointestinal surgery: audit from a tertiary care teaching hospital. - Accepted for publication in International Journal of Critical Illness and Injury Science, Presented as poster by Dr. Anirban Hom Choudhuri at 4th World Anesthesia Convention held at Bangkok, Thailand in April 2013.

3. Training course/Conferences/Workshops organized:

Dr Rajeev Uppal

- a) Organizing Chairman of the conference “End of Life Care in critically ill”organized by the department on 6th December, 2012

Dr Anirban Hom Choudhuri

- a) Organizing Secretary of the conference “End of Life Care in critically ill”organized by the department on 6th December, 2012
- b) Scientific Committee Chairman of the Intensive Care Conference (ICUCON 2012) organized by Indian Medical Association (East Delhi branch) on 13th December, 2012.
- c) Course Director of “Workshop on Mechanical Ventilation (MECHVENT 2012)” organized by Indian Medical Association (East Delhi branch) on 29th April, 2012

Dr Kapil Chaudhary

- 1. Co-ordinator of video and e-poster competition held on 4th February 2012 at AIRWAY Congress 2012, New Delhi.
- 2. Workshop Faculty for Hands-On Workshop on “Supraglottic devices” and “Fibreoptic devices” held on 3rd & 4th February 2012 at AIRWAY Congress 2012, New Delhi.
- 3. Instructor Faculty for BLS and ACLS training courses for Post Graduates held at Post Graduate Medical Education and Training (PGMET) Cell , MAMC held in Feb-March 2012

4. Member of the Executive Committee in a) ENDCARE 2012 held at G B Pant Auditorium, New Delhi on 2nd Dec 2012 b) AAICON 2012 held at India International Centre, New Delhi on 6th-9th December 2012

Dr Mritunjay Kumar, Dr Shiba Aggarwal : A CME cum workshop on END OF LIFE CARE was held on 02-12-2012 (member of organizing team)

4. PUBLICATIONS DURING THE PERIOD:

1. Tempe DK, Garg M, Tomar AS, et al: Unicuspid aortic valve: transesophageal echocardiographic features. *J Cardiothorac Vasc Anesth* 2012;26:277-279
2. Tempe DK, Hasija S: Are tranexamic acid and epsilon-aminocaproic acid adequate substitutes for aprotinin? *Ann Card Anaesth* 2012;15:4-5
3. Tempe DK, et al: The success rate and safety of internal jugular vein cannulation using anatomical landmark technique in patients undergoing cardiothoracic surgery. *Ann Card Anaesth* 2013;16:16-20
4. Datt V, Tempe DK, et al: Anaesthetic management of a child with nephritic syndrome undergoing open heart surgery: report of a rare case. *Ann Card Anaesth* 2012;15:305-8
5. Jones-Haywood MM, Combs C, Pu M, Gandhi SK, Dhawan R, Tempe DK. Percutaneous closure of a paravalvular leak *J Cardiothorac Vasc Anesth* 2013;27:168-77
6. Tempe DK, et al: Incidence and implications of coronary artery disease in patients undergoing valvular heart surgery: an Indian perspective. *Ann Card Anaesth* 2013;16:86-91
7. Datt V, Virmani S, Malik I, Agarwal S, Joshi CS, Dhingra A, Dutta R, Tomar AS. Irreversible loss of vision in a paediatric patient due to occipital infarction after cardiopulmonary bypass. *Ann Card Anaesth* 2012;15:88-90
8. Anirban Hom Choudhuri, Megha Khaitan, Rajeev Uppal. Laparoscopic cholecystectomy in a patient with Ebstein's anomaly: Anesthetic considerations. *Saudi J Anaesth* 2012;6:301-2
9. Anirban Hom Choudhuri. Palliative care for patients with chronic obstructive pulmonary disease: Current perspectives. *Indian J Palliat Care* 2012;18: 6-11.
10. Shiba Agarwal, Mritunjay Kumar, Rajeev Uppal, Anirban Hom Choudhuri. Anesthesiologists' to surgeon's rescue: an off label use of choledochoscope. *J Anaesth Clin Pharmacol* 2012; 29: 540
11. Kumar M, Trikha A, Chandrlekha. Percutaneous dilatational tracheostomy: Griggs guidewire dilating forceps technique versus Ultra-perc single stage dilator: A prospective randomized study – *Indian Journal of Critical care* (2012);16(2):87-92
12. Chhabra A, Singh PM, Kumar M. Pulmonary edema in a patient undergoing vitreoretinal surgery under peribulbar block- *Indian Journal of Anaesthesia* (2012);56(4):387-90
13. Deepti Saigal, Pragati Ganjoo, Madhulika T, Kiran Kiro: Acute Pulmonary Edema And Thrombocytopenia Following Venous Air Embolism During Sitting Position Neurosurgery – accepted for publication in *Asian Journal of Neurosurgery*.
14. Batra UB, Verma P K, Pramanik V, Gogia AR. Amitraz poisoning: Familiar presentation, unfamiliar diagnosis. *Anaesth Intensive Care* 2012; 40: 363-4.
15. Batra U B, Kale S, Malik A. Anaesthetic management of an infant with vallecular cyst: A challenging situation. *Indian J Anaesth* 2012; 56: 423-5.
16. Chaudhary K, Garg R, Bhalotra AR, Anand R, Girdhar KK: Anesthetic drug wastage in the operation room – A cause for concern (Original article). *J Anaesthesiol Clin Pharmacol* 2012;28:56-61.
17. Kapil Chaudhary, Bharti Taneja, Kirti N Saxena , Raktima Anand: Brief Communication -The Whistling Adapter: A device mimicking complication. *Indian Journal of Anaesthesia* 2012;56:408-409.

18. Chaudhary K, Gupta A, Wadhawan S, Jain D, Bhadoria P: Case Report - Anesthetic management of superior vena cava syndrome due to anterior mediastinal mass. J Anaesthesiol Clin Pharmacol 2012;28:242-6.
19. Lalit Gupta, Kapil Chaudhary, Poonam Bhadoria: Case Report - I-Gel: A Rescue Intubation Device in Unanticipated Difficult Intubation for Emergency Laparotomy. Open Journal of Anesthesiology. 2012, 2, 44-46 doi:10.4236/ojanes.2012.22011
20. Divya Jain, Munisha Aggarwal, Kapil Chaudhary: E-Letter - Fiberscope aided removal of foreign body esophagus: Rescue by anesthetist. British Journal of Anesthesia 15 May 2012.

5. BOOKS/CHAPTERS/CONTRIBUTED:

1. Dr. Deepak Tempe has published the 3rd edition of his book entitled, "Clinical Practice of Cardiac Anaesthesia", CBS publishers, New Delhi, 2012
2. Dr. Sanjula Virmani has contributed a chapter (Transoesophageal Echocardiography in Cardiac Surgery) in the Text Book on Cardiology edited by Dr M Khalilullah & Dr S K Khanna of Publisher. Ed The Heart Centre .(2012)

6. CONFERENCE/WORKSHOPS/SYMPOSIUMS ATTENDED:

Dr Deepak K Tempe:

1. North Zone ACTA meeting at Shimla, 31st Mar-1st Apr 2012. Lecture on "Alternatives to PA catheter"
2. ISA Delhi branch annual conference, 7-8 April, 2012. Lecture on "How to plan a study and write a paper."
3. IMA east Delhi, workshop on mechanical ventilation, 29th April, 2012. Lecture on "optimizing care of a patient on a ventilator"
4. Sixth National TEE workshop, Bangalore, 4-6 Aug, 2012. Lecture on, "Comprehensive intraoperative TEE examination."
5. First national conference of ACTA, Mumbai 1-2 Sept, 2012. lecture on, "Regional wall motion abnormalities on TEE"
 - a) Key note address, "Past 30 years of cardiac anaesthesia practice."
 - b) Assessment of diastolic dysfunction on TEE.
6. Third national conference of Association of Obstetrics Anaesthetists, Delhi, 7-9 Sept, 2012. Lecture on, "Noninvasive cardiac output monitoring in high risk obstetric patients."
7. Annual conference of ISA west Bengal, Kolkata, 20-23 Sept, 2012. Lecture on, "How to plan and write a paper"
 1. Role of TEE in noncardiac surgery.
8. Annual MASCON, Mumbai, 5-7 Oct, 2012, lecture on Basics and beyond understanding normal TEE views.
 - a) Interesting videos on TEE
 - b) Methods of cardiac output measurements and interpretation of hemodynamic data.
 - c) Pathophysiology of cardiac arrhythmias and treatment
 - d) Management of patients with poor left ventricle
 - e) Errors in cardiac anaesthesia
 - f) When to do cardiac testing?
9. North zone IDA conference at Chandigarh, 13-14 Oct, 2012. Lecture on, "perioperative myocardial ischemia: diagnosis and management"
10. World anaesthesia day celebrations at Army hospital, New Delhi, 16 Oct, 2012. Key note address, "Anesthesia past, present and....."
11. RSACP conference, Jaipur, Oct, 2012. Lecture on

1. Comprehensive TEE examination:
2. Noninvasive methods of cardiac output measurements.
12. Maharashtra state annual conference, Kolhapur, 23-25 Nov, 2012. Lectures on,
 1. Rational way of cardiac testing in noncardiac surgery.
 2. Perioperative myocardial protection in noncardiac surgery
 3. Antiplatelet agents and anaesthesia
13. End of life care workshop at GBPH, 2nd Dec 2012, lecture on, “Professional’s reflection in facing death and dying.”
14. TEE workshop at Hyderabad, 8-9 Dec, 2012. Lecture on, “Evaluation of RV function”
15. 60th annual conference of ISA, Indore, 25-29 Dec, 2012. Lectures on,
 1. “Role of TEE in valvular heart disease.”
 2. Patient with coronary artery disease for noncardiac surgery.”

Dr Rajiv Chawla:

1. Delivered a talk on “Non Technical Skills and Anaesthesiologists” at the Annual Conference of ISA (Delhi Chapter). (April 2012)
2. Delivered a talk on “Non Technical Skills and Anaesthesiologists” at the North Zone Annual Conference of ISA at Chandigarh. (October 2012)
3. Invited faculty to chair a session in conference on End of Life care in critically ill” at GB Pant Hospital, New Delhi (December 2012)

Dr Sanjula Virmani:

1. Participated in a workshop on TEE at the 51st Annual Conference of ISA, Delhi Branch held on 7th and 8th April, 2012 and taken a lecture on “Basic Physics and System Components in Transoesophageal Echocardiography” in the workshop
2. Participated in the 3rd Annual Conference of The Society Of Cardiac Anaesthesiology-Delhi and NCR Branch, conducted in Delhi on 15th July, 2012 as a panelist in a session and presented 2 papers namely :
 - a. The success rate and safety of internal jugular vein cannulation using anatomical landmark technique in patients undergoing cardiothoracic surgery
 - b. Comparison of the efficacy of landmark technique vs ultrasound technique for IJV cannulation in adult cardiac surgical patients” in the 3rd Annual Conference of The Society Of Cardiac Anaesthesiology-Delhi and NCR Branch, conducted in Delhi on 15th July, 2012

Dr Anirban H Choudhuri:

1. Delivered a talk on “Perioperative Infections and Anesthetist” in the Annual Conference of NEZACON (North East Zone of Indian Society of Anesthesiologist) at Imphal on 29-30th Sept, 2012.
2. Delivered a talk on “Regional Anesthesia for advanced laparoscopic surgery” in the 22nd Annual Conference of the Research Society of Anesthesiology & Clinical Pharmacology (RSACPCON) at Jaipur on 26th-28th October, 2012.
3. Delivered a talk on “ICU Scoring system” at the CME organized by ISCCM (Agra Chapter) on the occasion of World Sepsis Day at Agra on 6th October, 2012.
4. Participated as faculty in the “Workshop on Mechanical Ventilation” in the 10th Annual Conference of Indian Society of Critical Care Medicine (Delhi & chapter) on 24-26th August, 2012

Dr Mritunjay Kumar:

1. AIIMS-BIDMS Anaesthesia update organised at AIIMS, New Delhi on 3rd & 4th March 2012. Also attended a workshop on Research Methodology during conference.
2. Mechvent- 2012 as Faculty
3. As Faculty member in the First Instructional Course in Neurosurgery- Craniovertebral Junction and Cervical Spine organised by Departmental of Neurosurgery, G.B. Pant Hospital, New Delhi on 12th and 13th October 2012.

Dr Upma Bhatia Batra:

Endcare: End of life care in critically ill ENDCARE 2012 held in December 2012 at GBPH New Delhi.

Dr Indira Malik:

1. 15th Annual Conference of the Society of Cardiac Anaesthesia (SCA), 10-12th Feb 2012, New Delhi, India, : Poster presentation.
2. 3rd Annual Conference of the Association of Society of Cardiac Anaesthesia (SCA) Delhi and NCR branch, 15th July, New Delhi, India..
3. Faculty at EORCAPS 2012 (21st to 29th Sept 2012)

Dr Shiba Aggarwal:

1. AIIMS – BIDMC Anaesthesia update 2012.
2. Workshop on research methodology AIIMS 2012.
3. End of life care in critically ill ‘ENDCARE’ 2012
4. First instructional course in neurosurgery – craniovertebral junction and cervical spine 2012.

Dr Deepti Saigal:

1. International conference on Interventional pain management, held at AIIMS, New Delhi, 24th-26th August 2012.
2. Workshop-cum-CME on End of life care in critically ill, held at GB pant hospital, New Delhi on 02-12-1012.
3. Presented the topic “Acute Pulmonary Edema And Thrombocytopenia Following Venous Air Embolism During Sitting Position Neurosurgery” at the monthly meet of Delhi chapter of Indian society of Anaesthesiologists held at GB Pant Hospital in September 2012.

7. SIGNIFICANT EVENTS (Honours to Faculty):

Dr Deepak K Tempe:

- 1 Associate Editorial Board Member, British Journal of Anaesthesia
- 2 Editorial Board Member, Journal of Cardiothoracic and Vascular Anesthesia, an official publication of the European society of cardiac anaesthetists
- 3 Chairman, Editorial Board of the Annals of Cardiac Anaesthesia, an official journal of the Indian Association of Cardiovascular Thoracic Anesthesiologists.
- 4 Editor of the British Journal of Anaesthesia (Indian Edition)
- 5 Guest reviewer of scientific papers of British Journal of Anaesthesia, Journal of Cardiothoracic and Vascular Anesthesia, Anesthesia and Analgesia

Dr Rajiv Chawla:

- 1 Selection committee expert for faculty selection at NIMHANS Bangalore
- 2 Selection committee expert for faculty selection at AIIMS, New Delhi
- 3 External examiner for MD (Anaesthesiology) at NIMS, Hyderabad
- 4 External Examiner for DM (Neuro-anaesthesiology) at AIIMS
- 5 Examiner for DNB (Anaesthesiology) conducted by National Board of Examinations
- 6 Reviewer of scientific papers of Journal of Anaesthesiology & Clinical Pharmacology

8. FELLOWSHIP:

Dr Anirban Hom Choudhuri :

Enrolled for Post Graduate Diploma in Medical Law & Ethics (PGDMLE) under National Law University, Bangalore through Distant Learning Programme

Dr Indira Malik:

Fellowship was awarded by IACTA for Cardiac Anaesthesia in the month of Aug 2012.

9. REPRESENTATION ON EXPERT COMMITTEE/BODIES:

Dr Rajiv Chawla:

- a) President Elect : Indian Society of Neuro-Anaesthesiology & Critical Care (ISNACC)
- b) Nominated Expert to assess facilities of various neuro-sciences centres for start of fellowship in neuro-anaesthesia under auspices of ISNACC.

Dr Anirban Hom Choudhuri: Subject Expert (Anesthesiology), National Board of Examinations, New Delhi

10. HEALTH SERVICES TO THE COMMUNITY:

Dr Anirban Hom Choudhuri : Participated in 3 medical camps organized by Bharat Sevashram Sangha

BIOCHEMISTRY

Name of the head of Department: Dr V. K. Gupta

1. FACULTY

- | | |
|-------------------------------|---------------------|
| 1. Dr. V.K. Gupta, M.D | Dir. Prof. and Head |
| 2. Dr. Ranjna Chawla, PhD | Senior Biochemist |
| 3. Dr. Manju Subberwal,, M.D. | Asstt Professor |
| 4. Dr. Bhawna Singh, M.D. | Asstt Professor |

2. RESEARCH SCHEMES

(a) On going project

- ICMR Project “Lifestyle intervention through Naturopathy and Yoga for curtailing progression of Rheumatoid Arthritis” March 2011-March 2014

(b) Thesis completed during current year under Dr VK Gupta (as Co supervisor):

- Thesis submitted for the degree of Master of Surgery (General surgery): Serum levels of PAI -1 and TNF alpha as a predictor of response to anthracycline based chemotherapy in locally advanced breast carcinoma.
- Dissertation submitted for the degree of DM (cardiology): To study the effect of mitral regurgitation on systemic coagulation activity in rheumatic heart disease as assessed by plasma fibrinogen and D Dimer levels.
- Dissertation submitted for the degree of DM (cardiology): Correlation of plasma vitamin D levels with B type natriuretic peptide levels & echocardiographic parameters in patients with congestive heart failure.

3. TRAINEES FROM OTHER AGENCIES:

Fifteen Students from different institutes like Aditya institute of Technology, New Delhi; Institute of paramedical Sc & Management, New Delhi; Dr Zakir Husain institute, Patna; Venkateshwar college, Delhi and Meera Bai Institute of Technology, GNCTD underwent training in department of Biochemistry in the year 2012

4. TRAINING COURSE ORGANIZED

Training programme cum workshop on “Best Practices in Laboratory Medicine” was organised by the Dept on 17th April 2012. The programme was endorsed by ACBI and was Sponsered by M/S Becton and Dickinson. Dr Ranjna Chawla, Dr Manju Subberwal and Dr Bhawna Singh were resource persons for the reorientation programme

5. PUBLICATION OF RESEARCH PAPERS DURING THE PERIOD

1. Gaurav Thakur, Rukmani Nair, Ranjna Chawla, Manjunathan Practicing yoga with naturopathic treatment brings about significant changes in VAS along with ESR and TNF alpha of rheumatoid patients. Paper Presented in International conference of Yoga, Naturopathy and Arogya Expo-9th -13th Feb 2012
2. Gaurav Thakur, Ranjna Chawla, Rukmani Nair. Efficacy of Naturopathy and Yoga in treatment of Rheumatoid Arthritis Vol5 No1 April 2012 International Journal of Physical Education
3. Gaurav Thakur, Rukmani Nair, Ranjana Chawla. Levels of inflammatory markers (ESR, TNF-alpha) and DAS 28 in Rheumatoid Arthritis patients. Indian J Pathology Research and Practice, 2012 (1);jan –apr: 31-37 2012

4. Gaurav Thakur ^a, Rukamani Nair ^a, Ranjna Chawla ^b, Amit Sharma ^cRegression of Joint Inflammation in Rheumatoid Arthritis Patients by Taking Naturopathy . 31st National conference on nature cure,yoga and Arogya expo at Govt Victoria College Palakkad 26th -28th oct 2012
5. Dr Ranjna Chawla, Dr Bhawna Singh, Dr VK Gupta, Dr Gaurav Thakur, Dr Manjunath RM, Aparna, Dr Rukmani Nair. Effect of yoga & naturopathy on IL-6 levels in patients suffering from Rheumatoid arthritis. IJCB,Vol 27,No4 Oct - Dec 2012
6. Kalpana Singh, Bhawna Singh, Prem Prakash Singh. Proteomics research: technologies involved in evolution - a review. JDMS 2012; 1(4): 01-09.
7. Bhawna Singh, Binita Goswami. Role of surrogate markers in assessment of insulin resistance in females with thyroid disorders. Diabetes & Metabolic Syndrome: Clinical Research & Reviews 2012; 6(3): 163-166
8. Nikhil Gupta, Binita Goswami, Bhawna Singh, Sandeep Ghosh. Awareness about HIV infection among the paramedical staff in a tertiary care hospital in Delhi, India. Clinics and Practice 2012; 2(1): 13
9. Kalpana Singh, Anand R, Bhawna Singh, Jitendra Rao, Abbas Ali Mahdi. Unexpected Elevated Levels of Serum Transaminases - A Rare Laboratory Finding. SEAJCRR 2012; 1(3): 51-56

6. BOOKS/ CHAPTERS CONTRIBUTED:

Dr Bhawna Singh has contributed a chapter (Role of Hepcidin in Dysregulation of Iron Metabolism and Anemia of Chronic Diseases) in textbook of 'Iron Metabolism' edited by Dr Sarika Arora of publisher InTech (2012)

7. CONFERENCE/WORKSHOPS/SYMPOSIA ATTENDED/PAPER PRESENTED

1. Symposium on- opening new Horizons in Clinical Biochemistry- organized by SGRH, New Delhi. on 21st Jan 2012 was attended by Dr Ranjna Chawla, Dr Bhawna Singh, Dr Manju Subberwal.
2. Seminar on Quality awareness in clinical Lab-organised by Bio-Rad Laboratories was attended by Dr Manju Subberwal on 21st Feb 2012
3. 2nd Hemoglobin Update Meet" on recent update in the area of Thalassemia Prevention and Diagnosis and the understanding of HbA1c. on 30th April 2012 at New Delhi was attended by Dr Ranjna Chawla
4. 66th National Teacher Training Course on "Educational Science Technology" for Medical Teachers in Maulana Azad Medical college was attended by Dr Manju Subberwal in 19th-28th March 2012
5. CME on Assuring Quality, Standardization & efficiency in the laboratory in Delhi, on 28th Apr 2012 by Asian Society of Continuing Medical education at ITC Maurya, Delhi was attended by Dr Bhawna Singh.
6. International Conference on Interface between Chemistry and Environment (ICICE) on 13th & 14th December 2012 at Ramjas College, University of Delhi, Delhi was attended by Dr Bhawna Singh.
7. Presentation entitled, 'Effect of yoga and naturopathy on IL -6 levels in patients suffering from Rheumatoid arthritis'. Dr Ranjna Chawla, Dr Bhawna Singh, Dr VK Gupta, Dr Gaurav Thakur, Dr Manjunath RM, Aparna, Dr Rukmani Nair at 39th Annual Conference of Clinical Biochemists of India, ACBICON 2012, Ranchi, India 11-14 Dec, 2012.
8. Presentation entitled, 'CA 19-9 reference range in diabetes mellitus type 2.' Kahkasha, Bhawna Singh and Vinod Kumar Gupta at 39th Annual Conference of Clinical Biochemists of India, ACBICON 2012, Ranchi, India 11-14 Dec, 2012.

8. REPRESENTATION ON EXPERT COMMITTEE/ BODIES

- i) Dr. V.K. Gupta represented NABL as Lead Assessor & technical assessor.
- ii) Dr V.K. Gupta was a member of editorial board of Indian Journal of Clinical Biochemistry
- iii) Dr. V.K. Gupta is a member of accreditation committee II in NABL
- iv) Dr V.K. Gupta is inspector, MCI for starting MD Biochemistry course in NRS Medical college, Kolkata.

9. HEALTH SERVICES TO THE COMMUNITY

All the resident and technical staff participated in the ongoing pulse Polio Immunization programme of Govt of NCT of Delhi.

10. LAB. DATA

Name of the Lab.	Biochemistry Lab, G.B. Pant Hospital, N. Delhi.
No. of tests performed	1345079
Percentage increase in	26.5%

CARDIOLOGY

Head of Dept.-Prof Sanjay Tyagi

1. FACULTY

S. No.	Name of Faculty	Designation
1)	Dr. Sanjay Tyagi	Director-Prof. & H.O.D.
2)	Dr. V. K. Trehan	Professor
3)	Dr. Sumod Kurien	Associate Professor
4)	Dr Saibal Mulhopahyay	Associate Professor
5)	Dr. Vimal Mehta	Associate Professor
6)	Dr. Jamal Yusuf	Associate Professor
7)	Dr. Vivek Chaturvedi	Associate Professor
8)	Dr. Girish M.P.	Associate Professor
9)	Dr. Mohit Dayal Gupta	Associate Professor
10)	Dr. Arima Nigam	Assistant Professor
11)	Dr Amit Mittal	Assistant Professor
12)	Dr Sanjeev Kathuria	Assistant Professor
13)	Dr MSK Subhendu	Assistant Professor
14)	Dr Partha P Chaudhary	Assistant Professor

2. RESEARCH SCHEME

(a) Research completed in the year 2012:

1. Correlation of disease activity with response to therapy in patients with takayasu arteritis
2. Association of Apelin gene polymorphism in patients with essential hypertension
3. Effect of rate control on coagulation status in patients with RHD MS with AF
4. To correlate the improvement in MR on stress echo in CAD patients with LV dysfunction after revascularization.
5. Role of CD-4 and CD-25 positive regulatory T cells in rheumatic heart disease.

3. CONFERENCES/ WORKSHOPS ORGANIZED:

It was privilege for department of Cardiology to broadcast live case from catheterization laboratory on complex peripheral angioplasty in the India Live 2012.

Symposias: Organized three Cardiology symposia in the hospital on various topics of cardiology (interventional and clinical) and had international guest faculty. Simultaneous interesting and challenging case presentations done in the department were also presented and intriguing discussions among the participants ensued.

4. DISTINGUISHED VISITORS:

- **Dr Nirat Beohar**, Associate Professor of cardiology and Director, Structural Heart Disease program, Mt Sinai Medical Center, delivered a talk on

“Percutaneous therapies for Structural Heart Disease”

- Dr Ariel Duran, Uruguay, delivered a talk on radiation safety in Cardiac Catheterization laboratory.
- **Dr Hissam Moussad**, Professor of cardiology, New York, Columbia delivered a talk on “Transcatheter repair of aortic aneurysms” and Coronary Bifurcation stenting

5. PUBLICATIONS

1. Tyagi S, Girish MP, Gupta MD. Endovascular revascularization of bald aortic arch for severe cerebral ischemia. Catheter Cardiovasc Interv. 2013 Feb 22.
2. Gupta MD, Girish MP, Subhendu MS, Tyagi S. Percutaneous coronary intervention of all three coronary arteries originating from single coronary artery arising from the right sinus. Cardiovasc Interv Ther. 2013 Feb 28.
3. Girish MP, Gupta MD, Tyagi S. Guide catheter suction with novel double wire technique for successful management of large thrombus in occluded right coronary artery. J Invasive Cardiol. 2012 Mar; 24(3):141-3.
4. Trehan VK, Jain G, Kathuria S, Pandit BN. Retrieving a deformed stent during transradial intervention: An alternative femoral approach using guide catheter shortening. Indian Heart J. 2013 May-Jun;65(3):323-6.
5. Jain G, Pandit BN, Goyal M, Trehan VK. Percutaneous retrograde revascularization of the occluded celiac artery for chronic mesenteric ischemia using intravascular ultrasound guidance. Cardiovasc Interv Ther. 2013 Mar 23.
6. Jain G, Kathuria S, Nigam A, Trehan VK. Transcatheter embolization of a giant pancreatic pseudoaneurysm: A tale of two bleeds and one thrombus! Indian Heart J. 2013 Jan-Feb;65(1):91-4.
7. Yusuf J, Agrawal DK, Mukhopadhyay S, Mehta V, Trehan V, Tyagi S. Fragmented narrow QRS complex: Predictor of left ventricular dyssynchrony in non-ischemic dilated cardiomyopathy. Indian Heart J. 2013 Mar-Apr;65(2):172-9.
8. Mukhopadhyay S, Varma S, Gade S, Yusuf J, Trehan V, Tyagi S. Regulatory T-cell deficiency in rheumatic heart disease: a preliminary observational study. J Heart Valve Dis. 2013 Jan;22(1):118-25.
9. Jain G, Mukhopadhyay S, Kurien S, Yusuf J, Tyagi S, Jain R. Ruptured cardiac angiosarcoma with pulmonary metastases: a rare disease with a common (mis)diagnosis! Indian Heart J. 2012 Nov-Dec;64(6):603-6.
10. Mukhopadhyay S, Yusuf J, Mehta V, Nathani S, Tyagi S. Acute thrombosis of drug eluting stent following protamine: a case report.. Indian Heart J. 2011 May-Jun;63(3):291-2.
11. Mukhopadhyay S, Chakraborty P, Yusuf J, Goyal A, Tyagi S. Phenytoin in treatment of amiodarone-induced Torsades de pointes. Indian J Pharmacol. 2012 Mar;44(2):264-5.
12. Sugunaraj JP, Mehta V, Kalra A, Sukhija R, Palaniswamy C. Protease-activated receptor-1 antagonists: focus on SCH 530348. Am J Ther. 2012 Nov;19(6):465-9.
13. Puri S, Mehta V, Ahmed F, Banerjee A, Yusuf J, Mukhopadhyay S, Tyagi S. Correlation of early functional capacity with biventricular function and residual pulmonary artery hypertension

following mitral valve replacement surgery. J Cardiopulm Rehabil Prev. 2013 Jul-Aug;33(4):244-8

6. ABSTRACTS:

1. Association Between Endothelial Nitric Oxide Synthase (eNOS) Gene Polymorphism (Glu298Asp) And Nitric Oxide (NO) Levels In Patients With Coronary Slow Flow Phenomenon(CSFP) In North Indian Population. Indian Heart Journal 2012.
2. Apo B /ApoA-1 Ratio Is a better marker for Stable Atherosclerosis than for Myocardial Infarction. Indian Heart Journal 2012.
3. Association Between Endothelial Nitric Oxide Synthase (eNOS) Gene Polymorphism (Glu298asp) And Nitric Oxide(NO) Levels In Patients With Acute Coronary Syndrome and Premature CAD. Indian Heart Journal 2012.
4. To evaluate the clinical impact of a multimarker risk stratification approach on cardiovascular outcomes in stable coronary artery disease patients undergoing elective percutaneous coronary intervention. Indian Heart Journal 2012.
5. Heart failure in children with Takayasu's arteritis: Early & Long term improvement after endovascular treatment. Indian Heart Journal 2012.
6. Prevalence of cirrhotic cardiomyopathy and its correlation with serum BNP and Troponin levels. Indian Heart Journal 2012.
7. Ashish K Govil, Amit Mittal, Sumod Kurien, Mohit D Gupta, Girish MP, Sanjay Tyagi. Percutaneous Interventions in takayasu's Arteritis-New insights with Intravascular Ultrasound Imaging. India Heart J.
8. Jagdeep yadav, Amit Mittal, Sumod Kurien, Mohit D Gupta, Girish MP, Sanjay Tyagi. Percutaneous revascularization for severe cerebral ischemia in takayasu's arteritis: Early and follow up results. India Heart J. 2011;63:492-598
9. BN Pandit, Mohit D Gupta, Girish MP, Saibal Mukhopadhyay, Sanjay Tyagi. Clinical and genetic profile in young patients of acute coronary syndrome in north indian population. India Heart J. 2011;63:492-598.\
10. Mohil Nagad, Amit Mittal, Sumod Kurien, Mohit D Gupta, Girish MP, Sanjay Tyagi. Correlation of N-terminal brain natriuretic peptide level and vascular intervention in patients of takayasu arteritis. India Heart J. 2011;63:492-598

7. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED

Prof. S. Tyagi

- o Continued his successful second year as President of Cardiological society of India (DB).
- o Key convener for monthly meetings of Delhi CSI branch involving case discussions, teaching rounds and lectures.
- o Talk on endovascular management of post partum hemorrhage in 11th World Congress and 19th Indian Conference on "Reproductive and child Health"- New Delhi in September, 2012.
- o Talk on Myocardial infarction- Golden Hour in Lumen Global 2012.

- o Talk on Diagnosis and Management of renovascular hypertension- Where are we? In Cardiology Update in Safdarjung Hospital October, 2012.
- o Talk on Femoral CTO Interventions- Newer Techniques in India Live, February 2013.
- o Presidential Oration on Resistant Hypertension in Cardiology Society of India- Delhi Branch annual conference.
- o Chairperson in Annual Conf of Cardiology Society of India in sessions including
 - Symposia on peripheral vascular disease
 - Dilemmas on decision making
 - Judge for CSI Travel Award.
 - In Plenary Session.
- o Expert at MCI, UGC and selection committees for medical teaching.
- o On Editorial Board of Indian Heart Journal & reviewer in Catheterization and cardiovascular Interventions.
- o DM Cardiology and DNB examiner to AIIMS, PGI, KGMC, Kanpur Medical College, SMS Medical College Jaipur ,National board and other universities in India.

Prof V Trehan

- Nominated as;
 - Examiner to Diplomate National Board.
 - Reviewer for Catheterization and Cardiovascular Intervention journal (USA)

Guest Lectures:

- Talk on Balloon Mitral valvotomy in Valve summit, Delhi
- Conducted a workshop on Rotablator NEIGRHIMS, Shillong October
- Invited as National Faculty for VITAPACE for pacemaker skills programme
- Invited as National Faculty for lead extraction workshop held at Fortis Escorts Hospital, New Delhi
-

Dr Saibal Mukhopadhyay

Chairperson - Annual Conference of the Cardiological Society of India, Delhi 2012.

Dr Jamal Yusuf

Chairperson - Annual Conference of the Cardiological Society of India, Delhi 2012.

Dr Vimal Mehta:

Chairperson - Effect of rate control on coagulation status in patients with RHD MS with AF

Medicine Update: Lecture on CAD in elderly

Case Presentation: In Annual CSI and Delhi CSI 2012

Dr Vivek Chaturvedi

- Low-flow Critical Aortic Stenosis- Clinical Assessment and Management. Invited Lecture at the Annual Meeting of the Cardiological Society of India. 6th Decemeber, 2012
- Review on Guiding catheters. Invited Lecture in the Annual National Intervention Council Meeting, Kochi. 27th April, 2012

- Tips and tricks in balloon Mitral valvotomy. Invited Lecture in the Annual National Intervention Council Meeting, Kochi. 29th April, 2012

Dr Girish MP

- Presented case on coronary intervention in monthly meeting of the Delhi CSI
- Presentation in Tips and Tricks in Retrievals of Embolized material in coronaries in NIC meet, Kolkatta 2013.
- Presentation on broken inflated balloon- retrieval by a novel method in NIC Kochi 2012.
- “Life Style modifications- small steps with big rewards” in IMA. \

Dr Mohit D Gupta

- Elected as executive committee member of Delhi CSI.
- Talk on “Easy life for busy Doctors” in Sion Hospital, Mumbai.
- Talk on Blending Science and Spirituality in Conf themed: rejuvenating Medical Minds, Mumbai.
- Talk in IOL on Stress Free Life.
- Presentation on tips and tricks in complex Angioplasty in NIC 2013.
- Talk on “positive thinking” in Amravati medical college for students and doctors.
- Talk on Blending Science and Spirituality in Medical College Jaipur.

8. STATISTICAL INFORMATION:

OPD attendance, inpatient admission and no. of procedures further increased during 2012. All The procedures and attendance have shown significant increase as compared to last year.

Total No of OPD Patient	254586
Total No. of Admission	17279
Echocardiography	46592
BMV	949
BPV	52
BAV	20
Peripheral Angiography/angioplasty	389
Pediatric Cath/angio Study	521
Coronary angiography	15018
Coronary angioplasty	6295
Therapeutic Embolization	132
(ASD/VSD/PDA) Device closure	167
EPS / Radiofrequency ablation	520
Pacemaker implantation/AICD	626

New Running Facilities started in the department:

- The EDP block was started in the year 2011-12. This was a major achievement and all OPD's and Speciality clinics were shifted to the new block and have been running successfully.
- Emergency services "Acute heart Attack unit" has been able to save large number of patients of acute myocardial infarction by early primary PCI.

9. Health Services to the community

Department has particular focus on prevention of heart disease. The faculty of the department is undertaking various public awareness programmes on heart disease.

- Talk on "Secrets of Stress management, self transformation, healthy lifestyle and various life style modifications.
- Department organizes and participates in various programme on prevention of heart diseases. **Yoga center** of the department helps the cardiac patients in prevention and life style management.

GASTROENTEROLOGY

Head of the Department: Dr. AS Puri.

1. FACULTY MEMBERS:

- Dr. AS Puri (Professor & HOD)
- Dr. BC Sharma (Professor)
- Dr. Sanjeev Sachdeva (Associate Professor)
- Dr. Siddharth Srivastava (Assistant Professor).
- Dr. Nitin Gupta (Assistant Professor)
- Dr. Rohit Goyal (Assistant Professor)
- Dr. Shalimar (Assistant Professor)

2. RESEARCH SCHEMES:

(a) Ongoing projects:

- A. Dr. Raghuram K (Guide-Dr. AS Puri):** To study the histological progression of potential celiac disease
- B. Dr. Amit Jindal (Guide-Dr. BC Sharma):** Bispectral Index monitoring before and after lactulose therapy in patients with overt and minimal hepatic encephalopathy
- C. Dr. Manish Gupta (Guide-Dr. AS Puri):** To study the clinical presentation, treatment and outcome of gastric neuroendocrine tumors

(b) Thesis completed:

- **Dr. Vaishali Bhardwaj (Guide-Dr. AS Puri):** Predictors of early colectomy in medically refractory ulcerative colitis in north India.
- **Dr. Manish Lunia (Guide-Dr. BC Sharma):** An open labeled randomized controlled trial of probiotics for primary prophylaxis of hepatic encephalopathy in patients with cirrhosis.
- **Dr. Amit Sanghi (Guide-Dr. AS Puri):** Prevalence of colonic polyps in IBS patients with age more than 18 years in northern India.

3. TRAINEES FROM OTHER AGENCIES:

- Dr. Lokesh Sharma (Medical Officer from Kalawati Saran Children Hospital, Delhi) came for Endoscopy training to GB Pant Hospital during August 2012-September 2012.
- Dr. Sanjay Rana (Specialist Medicine, ESI Hospital, Delhi) came for Endoscopy training to GB Pant Hospital during December 2012.

4. PUBLICATIONS DURING THE PERIOD:

- 1: Garg PK, Jain BK, Pandey SD, Rathi V, **Puri AS**. Simultaneous non-traumatic perforation of the right hepatic duct and gallbladder: an atypical occurrence. *Malays J Med Sci*. 2012 Jul;19(3):77-80.
- 2: Arora A, Saluja SS, Bhardwaj V, Singh M, Singh A, **Puri AS**. Malakoplakia Masquerading as Ulcerative Colitis in AnImmunocompetent Child. *J Pediatr GastroenterolNutr*. 2012 Oct 30. [Epub ahead of print]
- 3: Ramakrishna BS, Makharia GK, Abraham P, Ghoshal UC, Jayanthi V, Agarwal BK, Ahuja V, Bhasin DK, Bhatia SJ, Choudhuri G, Dadhich S, Desai DC, Dhali GK, Goswami BD, Issar SK, Jain AK, Kochhar R, Kumar A, Loganathan G, Misra SP, Pai CG, Pal S, Pulimood A, **Puri AS**, Ramesh GN, Ray G, Singh SP, Sood A, Tandan M; Indian Society of Gastroenterology Task

- Force on Inflammatory Bowel Diseases. Indian Society of Gastroenterology consensus on ulcerative colitis. Indian J Gastroenterol. 2012 Dec;31(6):307-23.
- 4: Makharia GK, Ramakrishna BS, Abraham P, Choudhuri G, Misra SP, Ahuja V, Bhatia SJ, Bhasin DK, Dadhich S, Dhali GK, Desai DC, Ghoshal UC, Goswami BD, Issar SK, Jain AK, Jayanthi V, Loganathan G, Pai CG, **Puri AS**, Rana SS, Ray G, Singh SP, Sood A; Indian Society of Gastroenterology Task Force on Inflammatory Bowel Disease. Survey of inflammatory bowel diseases in India. Indian J Gastroenterol. 2012 Dec;31(6):299-306.
 - 5: **Puri AS, Sachdeva S**, Mittal VV, **Gupta N**, Banka A, Sakhuja P, Puri SK. Endoscopic diagnosis, management and outcome of gastroduodenal tuberculosis. Indian J Gastroenterol. 2012 Jun;31(3):125-9.
 - 6: Tyagi P, **Puri AS, Sharma BC, Sachdeva S**, Saran RK, Bhatia V. Nodules in antrum after variceal eradication a new finding in patients with portal hypertension. Indian J Gastroenterol. 2012 Apr;31(2):75-8. doi: 10.1007/s12664-012-0164-6. Jain L, **Sharma BC**, Sharma P, **Srivastava S**, Agrawal A, Sarin SK. Serum endotoxin and inflammatory mediators in patients with cirrhosis and hepatic encephalopathy. Dig Liver Dis. 2012 Dec;44(12):1027-31.
 - 7: Jain L, **Sharma BC**, Sharma P, **Srivastava S**, Agrawal A, Sarin SK. Serum endotoxin and inflammatory mediators in patients with cirrhosis and hepatic encephalopathy. Dig Liver Dis. 2012 Dec;44(12):1027-31.
 - 8: Agrawal A, **Sharma BC**, Sharma P, Uppal R, Sarin SK. Randomized controlled trial for endoscopy with propofol versus midazolam on psychometric tests and critical flicker frequency in people with cirrhosis. J Gastroenterol Hepatol. 2012 Nov;27(11):1726-32.
 - 9: **Sharma BC**, Reddy RS, Garg V. Endoscopic management of hepatic hydatid cyst with biliary communication. Dig Endosc. 2012 Jul;24(4):267-70.
 - 10: Agrawal A, **Sharma BC**, Sharma P, Sarin SK. Secondary prophylaxis of hepatic encephalopathy in cirrhosis: an open-label, randomized controlled trial of lactulose, probiotics, and no therapy. Am J Gastroenterol. 2012 Jul;107(7):1043-50.
 - 11: Sharma P, **Sharma BC**. Lactulose for minimal hepatic encephalopathy in patients with extrahepatic portal vein obstruction. Saudi J Gastroenterol. 2012 May-Jun;18(3):168-72.
 - 12: Sharma P, **Sharma BC**, Agrawal A, Sarin SK. Primary prophylaxis of overt hepatic encephalopathy in patients with cirrhosis: an open labeled randomized controlled trial of lactulose versus no lactulose. J Gastroenterol Hepatol. 2012 Aug;27(8):1329-35.
 - 13: Saluja SS, Nayeem M, **Sharma BC**, Bora G, Mishra PK. Management of choledochal cysts and their complications. Am Surg. 2012 Mar;78(3):284-90.
 - 14: Sharma P, Mishra SR, Kumar M, **Sharma BC**, Sarin SK. Liver and spleen stiffness in patients with extrahepatic portal vein obstruction. Radiology. 2012 Jun;263(3):893-9.
 - 15: Saluja SS, Mishra PK, **Sharma BC**, Narang P. Management of choledochal cyst with portal hypertension. Singapore Med J. 2011 Dec;52(12):e239-43.
 - 16: Garg V, Garg H, Khan A, Trehanpati N, Kumar A, **Sharma BC**, Sakhuja P, Sarin SK. Granulocyte colony-stimulating factor mobilizes CD34(+) cells and improves survival of patients with acute-on-chronic liver failure. Gastroenterology. 2012 Mar;142(3):505-512.e1.
 - 17: Garg H, Kumar A, Garg V, Sharma P, **Sharma BC**, Sarin SK. Clinical profile and predictors of mortality in patients of acute-on-chronic liver failure. Dig Liver Dis. 2012 Feb;44(2):166-71.
 - 18: **Sharma BC**, Garg V, Reddy R. Endoscopic management of liver abscess with biliary communication. Dig Dis Sci. 2012 Feb;57(2):524-7.

5. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED:

- ISGCON 2012 (Jaipur)- was attended by Dr. AS Puri, Dr. Nitin Gupta, Dr. S. Srivastava
- INASL-Conference-2012 (Guwahati) was attended by Dr. AS Puri, Dr. BC Sharma
- Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva and Dr. S. Srivastava attended Mid-term INASL meeting held in October 2012 at Delhi

- Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva and Dr. S. Srivastava attended Delhi Chapter ISG meetings held during 2012
- International Symposium on “Management Paradigms for HCC-Current & Future” held at Delhi in April 2012 was attended by Dr. BC Sharma and Dr. S. Sachdeva
- Indo-Spanish Symposium on Portal Hypertension held at ILBS, Delhi (2012) was attended by Dr. S. Sachdeva and Dr. Nitin Gupta
- Dr. AS Puri attended Asian IBD Symposium (KSAID-2012) held during November 2012 in South Korea
- Dr. AS Puri attended Hepato-Biliary Pancreatic Endoscopy Conference 2012 (Hyderabad)
- Dr. S. Srivastava attended 5th Post graduate course on Hepatology & Gastroenterology, December 7-8, 2012 (held in Egypt)
- Dr. S. Srivastava attended 14th International Workshop on Therapeutic GI Endoscopy, December 9-10, 2012 (held in Egypt)
- Dr. S. Srivastava attended Seoul international Digestive Disease Symposium 2012 on November 23rd 2012

6. SIGNIFICANT EVENTS (Honors to Faculty):

A. Dr. AS Puri:

- Chaired sessions/delivered lectures at ISGCON-2012 (Jaipur), Mid-Term INASL meeting at Delhi in October 2012, INASL Conference-2012 (Guwahati), Hepato-Biliary Pancreatic Endoscopy Conference 2012 (Hyderabad).

B. Dr. BC Sharma:

- Chaired sessions/delivered lectures at INASL-Conference 2012 (Guwahati), Mid-Term INASL meeting at Delhi in October 2012

C. Dr. Sanjeev Sachdeva:

- Chaired a session at Mid-term INASL meeting held in October 2012 at Delhi.
- Participated in Panel Discussion as Faculty in Indo-Spanish Symposium on Portal Hypertension held at ILBS, Delhi (2012)

D. Dr. Siddharth Srivastava:

- Chaired a session at Mid-term INASL meeting held in October 2012 at Delhi.

E. Dr. Nitin Gupta:

- Participated in Panel Discussion as Faculty in Indo-Spanish Symposium on Portal Hypertension held at ILBS, Delhi (2012)

7. REPRESENTATION ON EXPERT COMMITTEE/BODIES:

A. Dr. AS Puri:

- MCI Inspector for DM (Gastroenterology Course)
- Nominated as Inspector for DNB (Gastroenterology Course)
- Examiner for DNB (Gastroenterology) under NBE
- Examiner for DM (Gastroenterology) under University of Delhi
- Examiner for DM (Gastroenterology) for AIIMS, New Delhi
- Reviewer of Journals: Indian Journal of Gastroenterology, Journal of Gastroenterology & Hepatology, Digestive and Liver Diseases
- Member Editorial board: Indian Journal of Gastroenterology

- Member Ethics Committee: ILBS, Delhi
- Member ICMR Expert Committee for Extramural Research projects
- Member ICMR Research Group for Celiac Disease

B. Dr. BC Sharma:

- Member Governing Council—INASL, APASL
- MCI Inspector for DM (Gastroenterology Course)
- Examiner for DM (Gastroenterology) under University of Delhi
- Member Editorial board-World Journal of Gastroenterology, Hepatology International, World Journal of Hepatology, Journal of Clinical & Experimental Hepatology
- Reviewer of Journals: Hepatology, Endoscopy, European Journal of Gastroenterology & Hepatology, Journal of Gastroenterology & Hepatology, Digestive Diseases & Sciences, Hepatology International, Indian Journal of Gastroenterology

C. Dr. Sanjeev Sachdeva:

- Member Governing Council—IMFDA (Indian Motility & Functional Diseases Association)
- Member---Asian Neurogastroenterology & Motility Association (ANMA)
- Reviewer of Journals: Digestive Disease & Sciences, Hepatology International, Indian Journal of Gastroenterology, Tropical Gastroenterology, World Journal of Gastroenterology
- Member of Ethics Committee of ILBS, Delhi
- Visiting Gastroenterologist to The Supreme Court of India

D. Dr. Siddharth Srivastava:

- Member—European Society of Gastrointestinal Endoscopy (ESGE)
- Reviewer of Journals: Indian Journal of Gastroenterology, Tropical Gastroenterology

8. HEALTH SERVICES TO THE COMMUNITY:

- Department of Gastroenterology organized patient awareness programmes on Inflammatory Bowel Disease, Chronic Hepatitis B & C

9. LABORATORY DATA:

- Total Endoscopic procedures: 11758 (UGIE-9512, LGIE-2246)
- Total ERCP procedures: 2717
- Oesophageal stricture dilatations: 621
- Oesophageal SEMS/Achalasia dilatation: 176
- GI High resolution manometry: 182
- Hydrogen-Methane Breath test analysis: 235
- Hepatitis Serology: 59641
- Celiac disease serology: 1374
- 72-hour fecal fat estimation: 233

10. Any other worth mentioning information:

The Senior Residents of the Department of Gastroenterology won following prestigious International/National level awards during the year 2012:

- Dr. Ameet Banka won best poster session award for his original research work in ISGCON 2012 held at Jaipur
- Dr. Lokesh Jain won Travel Grant Award for his original research paper in APASL Conference held during February 2012 in Taiwan

- Dr. Vaishali Bharadwaj won Travel Grant Award for her original research paper in Asian IBD Symposium (KSAID-2012) held during November 2012 in South Korea
- Dr. Vaishali Bharadwaj Certificate of Merit for her original research paper in Asian IBD Symposium (KSAID-2012) held during November 2012 in South Korea
- Dr. Manish Lunia won Young Investigator Award for his original research paper in APDW Conference held during December 2012 in Thailand

GASTROINTESTINAL SURGERY

1. FACULTY

S.No.	Name of Faculty	Designation
1	Dr. Anil K Agarwal	Professor & Head
2	Dr.P K Mishra	Professor
3	Dr.H H Nag	Associate Professor
4.	Dr.S S Saluja	Associate Professor
5	Dr Amit Javed	Assistant Professor

2. RESEARCH SCHEME

- (a) A prospective study on patients with Post cholecystectomy Benign Biliary Obstruction (PCBBO); to study correlation of portal pressure with the factors contributing towards its development. (IEC approval No: 1/IEC/MAMC/(31)/3/2012/No: 206.); (Primary investigator – Dr H H Nag)
- (b) Details of thesis completed during current year. None

3. TRAINEES FROM THE OTHER AGENCIES.

Several trainees from MCh & DNB centres came for 1 month external posting
In addition some of the faculty working in other government centres visited as observers.

1. Dr. Sachin Daga
2. Dr.Suddharsathwa Sen
3. Dr. Vivek Chandel
4. Dr. Meghraj Ingle
5. Dr. Naushad Babu
6. Dr. Ravi Kant

S.No.	Name of the trainees	Sponsoring agency	Period of Training
1			
2			
3			
4			

4. TRAINING COURSE/CONFERENCES/WORKSHOPS ORGANIZED

GI Surgeron Club meeting

5. PUBLICATIONS DURING THE PERIOD.

- 1: Gupta N, Javed A, Puri S, Gondal R, Agarwal AK. Imaging of a patient with multiple intrahepatic cysts. Oman Med J. 2012 Sep;27(5):421-3. doi: 10.5001/omj.2012.104. PubMed PMID: 23074557; PubMed Central PMCID: PMC3472571.
- 2: Agarwal AK, Kalayarsan R, Javed A, Gupta N, Nag HH. Role of Staging Laparoscopy in Primary Gall Bladder Cancer-An Analysis of 409 Patients: A Prospective Study to Evaluate the Role of Staging Laparoscopy in the Management of Gallbladder Cancer. Ann Surg. 2012 Oct 10. [Epub ahead of print] PubMed PMID: 23059504.

- 3: Rajalingam R, Javed A, Agarwal AK. Revision shunt for Budd-Chiari syndrome. *Trop Gastroenterol.* 2012 Apr-Jun;33(2):160-3. PubMed PMID: 23025071.
- 4: Javed A, Agarwal AK. Laparoscopic retrosternal bypass for corrosive stricture of the esophagus. *Surg Endosc.* 2012 Nov;26(11):3344-9. doi: 10.1007/s00464-012-2307-3. Epub 2012 May 3. PubMed PMID: 22552862.
- 5: Rajalingam R, Javed A, Sharma D, Sakhuja P, Singh S, Nag HH, Agarwal AK. Management of hypersplenism in non-cirrhotic portal hypertension: a surgical series. *Hepatobiliary Pancreat Dis Int.* 2012 Apr;11(2):165-71. PubMed PMID: 22484585.
- 6: Rajalingam R, Javed A, Gondal R, Arora A, Nag HH, Agarwal AK. Non-familial double malignancy of the colon and ampulla of Vater: a case report and review of literature. *Saudi J Gastroenterol.* 2012 Mar-Apr;18(2):143-5. doi: 10.4103/1319-3767.93823. Review. PubMed PMID: 22421722; PubMed Central PMCID: PMC3326977.
- 7: Agarwal AK, Kalayarsan R, Singh S, Javed A, Sakhuja P. All cholecystectomy specimens must be sent for histopathology to detect inapparent gallbladder cancer. *HPB (Oxford).* 2012 Apr;14(4):269-73. doi: 10.1111/j.1477-2574.2012.00443.x. Epub 2012 Feb 26. PubMed PMID: 22404266; PubMed Central PMCID: PMC3371214.
- 8: Javed A, Kalayarsan R, Agarwal AK. Liver hydatid with HIV infection: an association? *J Gastrointest Surg.* 2012 Jun;16(6):1275-7. doi: 10.1007/s11605-011-1713-5. Epub 2011 Oct 14. PubMed PMID: 21997433.
- 9: Goel N, Gupta N, Nag H H, Saran R K, Mishra P K, Agarwal A K. Non Functional retroperitoneal paraganglioma : A histopathological surprise. *World J Endocr Surg* 2012;49(2):60-62.
- 10: Mishra PK, Saluja SS, Nag HH, Goel N, Jain A, Kujur D. isolated extraheptic bile duct injury after blunt trauma abdomen. *Am surg.* 2012;78(9);1014-6. (PMID: 22964217)
- 11: Ali A, Saluja SS, Hajela K, Mishra PK, Rizvi MA. Mutational and expressional analyses of PTEN gene in colorectal cancer from northern India. *Mol Carcinog.* 2013 Jan 28.
- 12: Mishra PK, Goel N, Saluja SS, Durga G, Nag HH, Narang P. Management of giant fibrovascular polyp of esophagus. *Am Surg.* 2012 Dec;78(12):E538-40.
- 13: Mishra PK, Saluja SS, Arora A, Kalayarsan R. Is Intraoperative Confirmation of Malignancy During Pancreaticoduodenectomy Mandatory? *J Gastrointest Surg.* 2012 Nov 21.
- 14: Arora A, Saluja SS, Bhardwaj V, Singh M, Singh A, Puri AS. Malakoplakia Masquerading as Ulcerative Colitis in An Immunocompetent Child. *J Pediatr Gastroenterol Nutr.* 2012 Oct 30.
- 15: Mishra PK, Saluja SS, Ramaswamy D, Bains SS, Haque PD. Thoracic duct injury following esophagectomy in carcinoma of the esophagus: ligation by the abdominal approach. *World J Surg.* 2013 Jan;37(1):141-6.
- 16: Jain S, Saluja SS, Sharma AK, Sant H, Mishra PK. Xanthogranulomatous cholecystitis: catching the culprit--clinical and imaging analysis. *Dig Surg.* 2012;29(3):187-93.
- 17: Rizvi MM, Ali A, Mehdi SJ, Saluja SS, Mishra PK. Association of epigenetic alteration in PTEN gene with colorectal cancer progression among Indian population. *Int J Colorectal Dis.* 2012 May 3.

- 18: Saluja SS, Ray S, Pal S, Sanyal S, Agrawal N, Dash NR, Sahni P, Chattopadhyay TK. Randomized trial comparing side-to-side stapled and hand-sewn esophagogastric anastomosis in neck. J Gastrointest Surg. 2012 Jul;16(7):1287-95.
19. Saluja SS, Nayeem M, Sharma BC, Bora G, Mishra PK. Management of Choledochal Cyst and their complications. Am Surg 2012 Mar;78(3):284-90.

6. BOOKS/CHAPTERS/CONTRIBUTED

(a) Anil Agarwal

- Invited to write a chapter on 'Technique of radical Cholecystectomy' for the ATLAS OF UPPER GASTROINTESTINAL AND HEPATO-PANCREATO-BILIARY SURGERY 2nd EDITION (Editors-Pierre-Alain Clavien, Michael Sarr, M. Miyazaki, Yuman Fong)
- Chapter on Surgical Techniques in the management of Gallbladder Cancer for the Elsevier book in the "Surgical Gastroenterology and Liver Transplantation" series on Gallbladder Cancer. Also the guest editor for the same.
- Chapter: Staging Laparoscopy for Malignancy for the first edition of *Laparoscopic Liver, Pancreas, Biliary Surgery: Textbook and Video Atlas*

7. CONFERENCE/WORKSHOPS/SYMPOSIUMS ATTENDED:

Dr Anil K Agarwal

Conferences attended and chaired- Attended several conferences in India and abroad as guest faculty and delivered talks, chaired sessions.

Some of our papers were awarded best paper, best poster and best video awards.

1. International hepatopancreatobiliary association annual congress, Paris
2. Indian Association of Surgical Gastroenterology, Bangalore

Reviewer for Annals of Surgery

Annals of Surgical Oncology, British Journal of Surgery,
J of Gastroenterology & Hepatology, HBPD international, Surgical Endoscopy,
Indian Journal of Surgery, World Journal Surgery, IJOG and other journals

Editorial board of the Journal World Journal of Gastrointestinal Surgery

World Journal of Gastrointestinal Pharmacology and Therapeutics (WJGPT), *EJGH*

Dr P K Mishra

Conferences: Chaired

1. Confluence of Clinics & Pathology G B Pant Hospital, 27th -29th Jan. 2012
2. Paediatric Surgery Update 23-26 Feb 2012, MAMC, Delhi.
3. Conference on HCC- Current & Future Apr 7-8, ILBS, Delhi.
4. Advanced Course in HPB Surgery IASGO-IASG 14-15 July 2012

Invited Lectures

1. Surgery for Acute Pancreatitis. Bihar State Annual ISG conference 12-13 May, 2012.
2. Surgery for Ca Rectum. Bihar State Annual ISG conference 12-13 May, 2012.
3. Difficult Duodenal Stump Closure. XXII Annual IASG Conference, Bangalore 10th-14th Oct. 2012.
4. CPC SGRH, Delhi, 2012.
5. Laparoscopic Right Hemicolectomy- Surg Update Sep 2012.

Debate Stent Vs. Surg. Malignant Colorectal Obstruction. 12th RGCON, 15-17th Feb.2012

Dr H H Nag

Workshop/ Training program attended:

- 1- Basic course on microsurgical techniques (April 26-30, 2012)-organized by J&J
- 2- ICMR workshop on statistical concepts for Clinical Research (3rd -5th December 2012) – organized by NARI & ICMR
- 3- Workshop-Cum-CME on End on life care in critically ill. (2nd December 2012—Organized by department of anesthesia , GBPH, New Delhi

Conference attended: 3

Lecture in conferences: 1 (UPASICON November 2012, Dehradun)

Dr S S Saluja

Successfully completed 4 weeks Visiting Scholar at Kyushu University Hospital, Fukuoka, Japan

Reviewer - World Journal of Gastroenterology, Reviewed article in Surgery, Journal of pancreas and Oman medical Journal

Dr Amit Javed

Conference participation and presentations

10/2012 Laparoscopic gastric and colonic bypass for corrosive esophageal stricture. Oral paper, International Society of Disease Esophagus Annual Congress, Venice, Italy.

10/2012 Laparoscopic esophagogastroplasty with esophagopexy for megaesophagus with axis deviation. Poster, International Society of Disease Esophagus Annual Congress, Venice, Italy.

10/2012 Retrograde colotomy and dilatation for refractory anastomotic strictures following pharyngocoloplasty. Poster, International Society of Disease Esophagus Annual Congress, Venice, Italy.

10/2012 Liver involvement: An extremely rare sequel of corrosive injury. Poster, Annual Conference of the Indian Association of Surgical Gastroenterology, Bangalore, India

10/2012 Minimally invasive esophagectomy for cancer: An early experience. Oral paper, Annual Conference of the Indian Association of Surgical Gastroenterology, Bangalore, India

10/2012 Laparoscopic management of corrosive strictures of the esophagus. Poster, Annual Conference of the Indian Association of Surgical Gastroenterology, Bangalore, India

10/2012 Technique of gastric and colonic bypass for corrosive strictures of the esophagus. Plenary session, Indian Association of Surgical Gastroenterology Annual Conference, Bangalore, India

8. VISITORS

International faculty visited our department and delivered talks and took discussed cases. Includes –

Dr. Goro Honda, From Japan,

Dr. Okabe – Japan,

Professor David Grant from Toronto general Hospital, Canada.

Prof. Deok-Bong Moon, Asan Medical Centre, Seoul, South Korea

Dr. Layani, Australia

Dr. Sarkaria, MSKCC New York, USA.

9. SIGNIFICANT EVENTS (Honours to Faculty):

All honours (at National/International level) received by faculty members to be mentioned at one place. Listed in above columns

1- Dr Anil K Agarwal

Have been invited to deliver the keynote address at the 49th Annual Conference of the Japan Biliary Society at Tokyo in September 2013.

2- Dr P K mishra

3- Dr. H H Nag

4- Dr. S. Saluja

5- Dr. Amit Javed

10/2012 Best oral paper award, Plenary session, Annual Conference of the Indian Association of Surgical Gastroenterology, Bangalore, India

10. FELLOWSHIP:

Dr S.S Saluja successfully completed 4 weeks Visiting Scholar at Kyushu University Hospital, Fukuoka, Japan

11. REPRESENTATION ON EXPERT COMMITTEE/BODIES:-

Dr. Anil Agarwal

National Board inspection for DNB GI Surgery

MCI inspection for MCh GI Surgery

DNB Examiner

MCh Examiner

Dr P K Mishra MCh & DNB Examiner

11. LAB. DATA.

a) Name of the Lab.

b) Name and no of the test perform

c) Percentage of growth compared to last year.

During the year 2012 about 1594 major Surgical procedures were carried out.

12. NEW FACILITIES ADDED

Modular Liver Transplant OT became functional. The transplant program is to be started soon.

12. ANY OTHER WORTH MENTIONING INFORMATION.

MCh senior resident Kalayarasan R was awarded best paper awards at the Indian Association of Surgical Gastroenterology Conference at Bangalore

MICROBIOLOGY

1. FACULTY :

Director Professor and Head	:	Dr. Bibhabati Mishra, MD
Director Professor	:	Dr. Archana Thakur, MD
Director Professor	:	Dr. Vinita Dogra, MD
Professor	:	Dr. Poonam Loomba, MD
Assistant Professor	:	Dr. Abha Sharma

2. RESEARCH SCHEMES:

- (a) Details of ongoing projects during the year – Nil
- (b) Details about thesis completed / ongoing during the year :

The following thesis ongoing during the year 2012 –

“Occurrence and pattern of infections in Neurology and Neuro-surgery ICU by Dr. Rajesh, DM Neurology. Co-supervisor – Dr. Archana Thakur.

3. TRAINEES FROM OTHER AGENCIES :

- i) 11 students of MLT of Meera Bai Institute of Technology, Maharani Bagh, Delhi were imparted training in Microbiology for 18 weeks and one student of DMLT of IPMT Inderlok was given summer training in Microbiology for 03 weeks .
- ii) 03 students of B.Sc. (Hons) Microbiology of Institute of Home Economics, University of Delhi completed the summer training in Microbiology for one month.
- iii) One student of M.Sc. from Ch. Charan Singh University, Meerut(UP) completed the training in Microbiology for four months.

4. PUBLICATION OF RESEARCH PAPERS IN INDEXED JOURNALS DURING THE PERIOD

Papers published in 2012 ;

- 1. Patient Satisfaction with Microbiological Tests done in G.B. Pant Hospital.
A. Bhargava, A.Thakur, B.Mishra, J.Taneja, V.Dogra, P.Loomba. Intl. J. of Health Care Quality Assurance, Vol 25,(7& 8) , p 555-564.
- 2. Acinetobacter meningitis in Post neurosurgical patients:Epidemiology, antimicrobial resistance, treatment options and risk factors that predict the outcome.
A.Bhargava, B.Mishra, A.Thakur, V. Dogra, P.Loomba,, M.Jain, S.Gupta, P.Banerjee, M.Haider.
Canadian J.Infection Control : Fall 2012, Vol. 27 Issue 3, p 153.
- 3. Infection Control Practices among doctors and nurses in a tertiary care hospital.
M.Jain, V.Dogra, B.Mishra, A.Thakur and P. Loomba.
Annals of Tropical Medicine and Public Health.Jan- Feb 2012, Vol. 5(1)29-33.
- 4. Drug resistant Gram Negative Bacilli in Urinary Tract Infection : A Need for strict antibiotic prescription policy. (Short Communiation).
V. Dogra, A. Sharma, B.Mishra, A. Thakur, P.Loomba.
International Journal of Health & Allied Sciences July-Sept 2012 : 1(3), 204-206.

5. Cryptococcus laurentii fungemia : "Report of a rare case".
P. Banerjee, M. Haider, V. Trehan, B. Mishra, A. Thakur, V. Dogra and P. Loomba
IJMM, 2013, Vol 13 (1), 75-77.
6. Serum C reactive protein and leptin for assessment of nutritional status in patients on maintenance haemodialysis. S. Kaur, N.P. Singh, A.K. Jain and A. Thakur. Ind. J. of Nephrology Nov-Dec 2013, Vol 22 (6), p 419-423.

Papers Accepted for publication :

1. Factors limiting the usage of personal protective equipment in a tertiary care hospital.
M. Jain, V. Dogra, B. Mishra, A. Thakur and P. Loomba
Canadian J. of Infection Control 2012.
2. Assessment of Knowledge, Attitude and Practices among Health Care workers in a Tertiary care Hospital on Needle Stick injury.
A. Bhargava, B. Mishra, A. Thakur, V. Dogra, P. Loomba, S. Gupta.
International J of Quality Assurance 2012.

5. BOOKS / CHAPTER CONTRIBUTED :

Malnutrition in ESRD patients on maintenance dialysis.
Dr. Simran Kaur, Dr NP Singh, Dr. A. K. Jain, Dr. A. Thakur.
Published by German Publishing House, LAP Publishers.

**6. CONFERENCES / WORKSHOPS / SYMPOSIUM ATTENDED / PAPERS PRESENTED
(National / International)**

List of Conferences attended in 2012 :

1. 4th Annual conference on Bio-informatics in Microbiology at AIIMS, New Delhi on 25/02/2012.
Dr. B. Mishra, Dr. V. Dogra, Dr. P. Loomba, Dr. P. Banerjee,
Dr. M. Haider, Dr. T. Jaggi
2. Workshop on "Emerging Trends & Best Practices in Hospital Administration and Management" organized by Advanced Management Institute, 113, Hargovind Enclave, Delhi at India International Centre, New Delhi on 3rd & 4th March 2012. Dr. V. Dogra, Mr. Gyaneshwar Tiwari.
3. Training Programme cum Workshop on Best Practices in Laboratory Medicine. Organised by Deptt. of Biochemistry and M/s Becton Dickinson at G.B. Pant Hospital, New Delhi on 17/4/2012. Attended by Mrs. Asha and Mrs. Vandana, Technical Assts, Microbiology.
4. Lead Assessor Conclave at St. John's Medical College, Bangalore on 27-28th May 2012. Topic : Effective Audit Management. Attended by Dr. B. Mishra and Dr. A. Thakur.
5. IAMM Delhi Chapter, Quarterly meet at BLK Super Speciality Hospital, Pusa Road, New Delhi on 28/7/2012.
Theme : Central Nervous System Infections.
Attended by Dr. B. Mishra, Dr. V. Dogra, Dr. P. Loomba, Dr. A. Sharma, Dr. P. Banerjee.
6. Workshop on Antimicrobial Stewardship at 10th Annual Conference of Indian Society of Critical Care Medicine (Delhi & NCR Chapter) at Moolchand Hospital, New Delhi on 25/08/2012.
Attended by Dr V Dogra and Dr. P Loomba.
7. CME on Hospital Acquired Infection and Effective Intervention organized by Baxter India Pvt Ltd at G.B. Pant Hospital, New Delhi on 17.10.2012.
Attended by Dr. V. Dogra, Dr. A Sharma and Dr. Jasmin.

8. Quarterly meet of the Delhi Chapter of IAMM at ESI Hospital, Basaidarapur, New Delhi on 20.10.2012.
Theme : Automation in Microbiology.
Attended by Dr. V. Dogra, Dr. P. Loomba, Dr. A. Sharma.
9. 1st International Trisociety Congress on Antimicrobial Stewardship and Current issues in Clinical Microbiology organized by HISI, ISI, APSCMI at Indraprastha Apollo Hospital, New Delhi on 3rd & 4th November 2012. Attended by Dr. V. Dogra and Dr. A. Sharma.
10. XXXVI National Conference of IAMM, 22nd – 25th November 2012 at India Habitat Centre, New Delhi.
THEME ;
CLINICAL MICROBIOLOGY ; Current challenges & Future Directions.

Papers Presented :

1. MOBILE PHONES ; A new dimension of potential fomites ??
Mehvash Haider, P. Banerjee, T. Jaggi, J Halim Hussain, B. Mishra, A. Thakur, V. Dogra, P. Loomba.
2. BURKHOLDERIA CEPACIA ; A Retrospective Analysis of 35 cases.
Priyanka Banerjee, T. Jaggi, M.Haider, J Halim Hussain, P.Loomba, B. Mishra, V. Dogra.
3. MICROBIOLOGICAL EVALUATION AND ANTIMICROBIAL PROFILE OF BILE CULTURE IN PATIENTS WITH VARIOUS BILIARY DISEASES.
Jasmine Halim Hussain, A. Thakur, B.Mishra, V.Dogra, T.Jaggi, M.Haider, P.Banerjee.
4. ANTIBIOTIC SENSITIVITY PATTERN OF GRAM NEGATIVE BACTERIAL ISOLATES IN A TERTIARY CARE HOSPITAL.
T.Jaggi, M. Haider, P. Banerjee, J.Halim Hussain, B.Mishra, A.Thakur, V.Dogra, P.Loomba, A.Sharma.

7. REPRESENTATION ON NATIONAL / INTERNATIONAL EXPERT COMMITTEES / BODIES

- i) NABH Assessor – Dr. A. Thakur
 - ii) National Accreditation Board for Testing & Calibration Laboratories (NABL) Technical Assessor – Dr. B. Mishra, Dr. A. Thakur
 - iii) Examiner for interview of Associate Professor (Virology) and post at ILBS – Dr. B. Mishra & Dr. A. Thakur.
 - iv) MCI Inspector – Dr. A. Thakur
 - v) Member of P.G. Broad Speciality Committee of MCI – Dr. V. Dogra
 - vi) Honorary Faculty in Health Education Deptt., MAMC – Dr. Poonam Loomba.
8. Health services to the Community : Health centre activities / Camps / Drives / National Programmes: Staff and Residents of the Department took part in the Pulse Polio Programme.

9. LABORATORY DATA

TOTAL NUMBER OF TESTS PERFORMED IN THE YEAR – 2012 : 304134

I. BACTERIOLOGY (ROUTINE AND RESEARCH ACTIVITIES)

Samples Received	:	16197
Biochemical Tests	:	42959
Culture Plates	:	26515
Swabs	:	14500
Tubes prepared	:	14200
Gram stain & Direct Microscopy	:	21402
Antimicrobial Assay	:	6885
Automated identification by Vitek for GPC and GNR	:	3668
Automated Sensitivity by Vitek for GPC and GNR		3643
Media prepared	:	60170
AFB smear		1794
Total :-		211933

II. MYCOLOGY :- Total Tests done -

Samples Received		792
Director Microscopy	:	792
Gram Staining	:	775
Culture	:	1005
Biochemical tests	:	712
Lacto phenol / Cotton blue staining	:	73
India Ink preparation	:	630
KOH preparation	:	160
TOTAL :-		4939

III. SEROLOGY

No. of Tests performed :- 34312

ASO	:	5242
CRP	:	5242
Widal	:	899
RF	:	843
VDRL	:	291
MP	:	155
TB ELISA_IgG	:	80
NCC	:	0
Hydatid Serology	:	130
ANA	:	924
Latex for Cryptococcal Antigen	:	-
Dengue – IgM	:	750
HIV I & II	:	19186

IV. Samples Collected and processed in Emergency Laboratory :-

Total tests done	50572
HIV (Rapid Test)	11557
HBsAg	9981
HCV	10044
CRP	36
ASO	36
MP	02
Dengue Serology	85
VDRL	02
Widal	02
Culture	582

V) HOSPITAL INFECTION :

Sterility testing of Blood Bank Samples	:	312
Sterility testing of (IV fluids, Syringes, Needles, sheets, drapes, gown, gloves etc)	:	177
Biochemicals	:	10408
Water Bacteriology	:	71
Biological Indicator testing	:	210
Settle Plates	:	724
Nasal carrier survey	:	1246
Environmental swabs (Suction Bottles & Ventilator swabs)	:	2820

Total : 15772

VI) RESEARCH :

A) Special tests of Serology :- Total – 1732

i)	AMA	:	40
ii)	DsDNA	:	170
iii)	ANCA	:	232
iv)	PANCA	:	232
v)	ANA (IF)	:	504
vi)	ASMA	:	287
vii)	Anti LKM	:	287

Total : 1732

10. New Facilities added : IF tests for Autoimmune disorders.

11. Any other worth mentioning information worth mentioning :

Hospital infection control cell and Biomedical waste management cell form an important part of the Microbiology department.

1. The various activities of the Hospital infection control cell to reduce :-

1. Monitoring of hospital infection and formulating infection control measures as a part of the Hospital infection Control Programme.
2. Surveillance of post operative wound infections, SSI, CRBSI, CRUTI in various ICUs in coordination with the Infection Control Nurses.
3. The infection control team provides advice and guidelines on safety measures in prevention of cross infection in ICUs.
4. Recommendations regarding Antibiotic Policy and guidelines.
5. Monitoring of CSSD functions by Biological Indicators
6. Hands on Training of different categories of staff regarding infection control measures to be followed.
7. Monitoring of hand washing practices.
8. Formulation of disinfectant policy and regular testing of disinfectants.
9. Ongoing Hepatitis B immunization programme for Health Care workers.

II. The various activities of the Biomedical Waste Management Cell :-

- a) Monitoring of Biomedical Waste Management Programmes of the hospital.
- b) Induction training of various categories of Staff about BMW.
- c) Regular rounds of the Hospital to observe BMW management practices in various departments, OTs, ICUs, wards and OPDs.
- d) Monitoring of Segregation, Transport from Wards to Site of waste disposal and final disposal.
- e) Formulation of BMW disposal policy.

NEUROLOGY

Name of the Head of Department: Dr. Vinod Puri

1. Faculty

S.No.	Name of Faculty	Designation
1	Dr. Meena Gupta	Director Professor
2	Dr. Vinod Puri	Director Professor & Head
3	Dr. Geeta .A. Khwaja	Director Professor
4	Dr. Debashish Chowdhury	Professor
5	Dr. Neera Chaudhry	Associate Professor
6	Dr. Sanjay Pandey	Associate Professor

2. RESEARCH SCHEME

a. Ongoing Projects

Dr. Meena Gupta

Project coinvestigator

1. Molecular genetics of fragile x syndrome – DST
2. Molecular diagnosis & characterization of drug resistance genes in M. Tuberculosis from patients of TBM & its correlation with underlying host – ICMR
3. Registry of Parkinson's disease in the NCR- ICMR

Dr. Geeta .A. Khwaja

Research Projects as Principal Investigator

1. Botulinum Toxin in Focal Dystonias.

Research Projects as Co-Investigator

1. A Dose-Blind, Multicenter, Extension Study to Determine the Long-Term Safety and Efficacy of Two Doses of BG00012 Monotherapy in Subjects with Relapsing –Remitting Multiple Sclerosis.(w.e.f.14 October 2008)
2. An Open Multicentric, Non-Comparative Study to Evaluate, The Efficacy and Safety of Levetiracetam As A First Line Monotherapy in Patients (> 16 Years of Age) with Partial Seizures with or without Secondary Generalization. (w.e.f. 28/03/09 to December 2012)

b. Details of Thesis Completed During Current Year**Dr. Meena Gupta****As Supervisor:**

1. Cognitive impairment in idiopathic Parkinson's disease Dr Nipun Pauranik 2010- 2013,For DM neurology, University of Delhi
2. A study of the behavior and psychological symptoms in patients with vascular cognitive impairment Dr Abhijeet Dasgupta 2010- 2013,For DM neurology, University of Delhi

As Co- Supervisor:

1. A study of occurrence and pattern of cerebrovascular atherosclerosis (extra and intracranial) and its associations with risk factors and outcome in patients of ischemic stroke Dr Prateek Sharma 2010- 2013,For DM neurology, University of Delhi
2. Occurrence of Interictal memory dysfunction in patients with epilepsy Dr Amit Kulkarni 2010- 2013,For DM neurology, University of Delhi

Dr. Vinod Puri**As Supervisor:**

1. Study of Electrophysiological Profile And Transcranial Magnetic Stimulation In Patients With Vitamin B12 Deficiency Dr Ashok VP, 2010- 2013,For DM neurology, University of Delhi

As Co- Supervisor

1. Drug treatment in Diabetic peripheral neuropathic pain (DPNP): A prospective comparative study using quality of life ,pain score and depression score as measuring tools. Dr. Manoj Singh Burman, For M.D.(Pharmacology) University of Delhi, Delhi

Dr. Geeta .A. Khwaja**As Supervisor**

1. Occurrence of Interictal memory dysfunction in patients with epilepsy Dr Amit Kulkarni 2010- 2013,For DM neurology, University of Delhi

As Co- Supervisor

1. Cognitive impairment in idiopathic Parkinson's disease Dr Nipun Pauranik 2010- 2013,For DM neurology, University of Delhi
2. A study of the behavior and psychological symptoms in patients with vascular cognitive impairment Dr Abhijeet Dasgupta 2010- 2013,For DM neurology, University of Delhi
3. Occurrence of Interictal memory dysfunction in patients with epilepsy Dr Amit Kulkarni 2010- 2013,For DM neurology, University of Delhi

Dr. Debashish Chowdhury**As Supervisor**

1. A study of occurrence and pattern of cerebrovascular atherosclerosis (extra and intracranial) and its associations with risk factors and outcome in patients of ischemic stroke Dr Prateek Sharma 2010- 2013,For DM neurology, University of Delhi
2. Serum level of hs-CRP,IL-6,TNF- α ,MMP-9 and copeptin in patients of acute ischemic stroke & their association with stroke severity & outcome Dr Saroj Chaudhary M.D (Biochemistry) 2010- 2013

As Co- Supervisor

1. Cognitive impairment in idiopathic Parkinson's disease Dr Nipun Pauranik 2010- 2013,For DM neurology, University of Delhi
2. A study of the behavior and psychological symptoms in patients with vascular cognitive impairment Dr Abhijeet Dasgupta 2010- 2013,For DM neurology, University of Delhi
3. Occurrence of Interictal memory dysfunction in patients with epilepsy Dr Amit Kulkarni 2010- 2013,For DM neurology, University of Delhi

Dr. Neera Chaudhry

As Co- Supervisor

1. Study of Electrophysiological Profile And Transcranial Magnetic Stimulation In Patients With Vitamin B12 Deficiency Dr Ashok VP, 2010- 2013,For DM neurology, University of Delhi

Trainees from other agencies

S.No.	Name of trainees	Sponsoring agency	Period of training
1	Farah khanam (clinical Psychologist) Supervisor – Dr. Ravi Nehru & DR . Meena Gupta	UGC	2006-2012
2	Shalini Pal (MSc- Biotechnology) Supervisor- Dr. Debashish Chowdhury	Vellore institute of technology	Jan 2012- june 2012

3. TRAINING COURSE/ CONFERENCES/WORKSHOPS ORGANIZED

Dr. Vinod Puri

International workshop of Epilepsy, G.B. Pant Hospital, New Delhi, February 20-22, 2012.

Training course

Diploma in Clinical Electrophysiology

Two New Students in year 2012

Kriti and Kritika

4. PUBLICATIONS DURING THE PERIOD

Dr. Meena Gupta

1. Progressive Multifocal Leukoencephalopathy in an Immunocompetent Patient: A Case Report. Gupta M, Batra A, Patidar Y, Chowdhury D, Khwaja G. A, Tatke M. Neurlogy Asia 2012, volume 17(1): 67-69.
2. Adult Onset Rasmussen's Encephalitis. Khwaja GA, Batla A, Gupta M, Chowdhury D, Hirve M, Kulkarni A.. JIACM, Vol. 13, No. 3, July–September 2012, Pg. 257 -260.

3. Persistent Cerebellar Dysfunction with Cerebellar Cognitive Affective Syndrome due to Acute Phenytoin Intoxication: A case report. M. Gupta, Y. Patidar, G.A. Khwaja, D. Chowdhury, A. Batra, A Dasgupta. *Neurology Asia* (March) 2013; 18(1): 107-111.
4. Behavior and Psychological Symptoms in Dementia. M Gupta, Abhijeet Dasgupta – *Journal of Alzheimers Related Disease society of India* 2012.

Dr. Vinod Puri

1. Pathological Laughter associated with Paroxysmal Kinesiogenic Dyskinesia: A rare presentation of Acute Disseminated Encephalomyelitis. Chaudhry Neera, Puri Vinod, Patidar Yogesh, Geeta A Khwaja.
2. Recurrent Sixth Nerve Palsy In Childhood Ophthalmoplegic Migraine. Chaudhry Neera, Patidar Yogesh, Puri Vinod, Geeta A Khwaja. (*Neurology Asia*)

Dr. Geeta .A. Khwaja

- 1 Acute Lead Encephalopathy in an Adult with Dimercaprol Induced Stevens-Johnson Syndrome. Gupta M, Khwaja GA, Chowdhury D, Patidar Y, Batra A. *JIACM*, Vol. 12, No. 4, October-December 2011, Pg. 329-331.
2. Progressive Multifocal Leukoencephalopathy in an Immunocompetent Patient: A Case Report. Gupta M, Batra A, Patidar Y, Chowdhury D, Khwaja G. A, Tatke M. *Neurology Asia* 2012, volume 17(1): 67-69.
3. Adult Onset Rasmussen's Encephalitis. Khwaja GA, Batla A, Gupta M, Chowdhury D, Hirve , Kulkarni A.. *JIACM*, Vol. 13, No. 3, July–September 2012, Pg. 257 -260.

Dr. Debashish Chowdhury

1. Chowdhury D. Tension type headache. *Ann Indian Acad Neurol* 2012; 15:83-8. Chakraborty B, Chowdhury D, Vishnoi G, Goswami B, Kishore J, Agarwal S. Interleukin-6 Gene -174 G/C Promoter Polymorphism Predicts Severity and Outcome in Acute Ischemic Stroke Patients from North India. *Journal of Stroke and Cerebrovascular Diseases*. 03/2012; DOI:10.1016/j.jstrokecerebrovasdis.2012.02.007 Article (in press).
2. Khwaja GA, Batla A, Gupta M, Chowdhury D, Hirve M , Kulkarni A. Adult Onset Rasmussen's Encephalitis. *JIACM*; 13: 257 -260
3. Chowdhury D. Migraine: An overview of subtypes and complications. In *Indian Clinical Update Handbooks Neurology; Updates on Migraine 4: Special situations*. Eds. C. Meshram, D. Chowdhury. Published in association with Indian Academy of Neurology; Wiley India, New Delhi, January 2012; p 3-4
4. Gupta M, Batra A, Patidar Y, Chowdhury D, Khwaja G A., Tatke M. Progressive multifocal leukoencephalopathy in an immunocompetent patient: A case report. *Neurology Asia* 2012; 17(1) : 67 – 69.

5. Chowdhury D, Batra A. Cranial Nerves Evaluation from an Ophthalmologist's Perspective. In Post graduate Ophthalmology. Eds Zia Chaudhuri, M Vanathi. Jaypee- Highlights, New Delhi, 2012; pp 1549-1557.

Dr. Neera Chaudhry

1. Pathological Laughter associated with Paroxysmal Kinesiogenic Dyskinesia: a rare presentation of Acute Disseminated Encephalomyelitis. Chaudhry Neera, Puri Vinod, Patidar Yogesh, Geeta A Khwaja.
2. Recurrent Sixth Nerve Palsy In Childhood Ophthalmoplegic Migraine. Chaudhry Neera, Patidar Yogesh, Puri Vinod, Geeta A Khwaja. (Neurology Asia)

5. BOOKS/CHAPTERS CONTRIBUTED

Dr. Debashish Chowdhury

Chowdhury D, Trivedi A. "Delirium versus Dementia" edited by Dr Manjari Tripathi (in press)

6. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED

Dr. Meena Gupta

Attended six conferences of which one was the 10 th European congress on Epileptology ECE London on 01/10/12 to 4/10/12

Dr. Vinod Puri

Dr. Geeta .A. Khwaja

Dr. Debashish Chowdhury

Dr. Neera Chaudhry- Attended five conferences

Visitors

7. SIGNIFICANT EVENTS (Honours to Faculty)

Dr. Vinod Puri

Awards:

State Award for meritorious services in the field of health care in Delhi. Department of Health and Family Welfare , Govt. of NCT of Delhi 2010-2011

Chaired session during

1. National Neurosciences update 2012 Department of neurology Army Hospital, R&R , New Delhi November 17-18,2012
2. National Neurosciences update 2012 Department of neurology Army Hospital, R&R , New Delhi November 18,2012.
3. Single theme workshop cum CME on Aphasia ,Indore August 17-19,2012
4. Workshop –Cum-CME on "END OF LIFE CARE IN CRITICALLY ILL Department of Anesthesia & Intensive Care , GB Pant Hospital , New Delhi , December 2,2012
5. 20th Annual conference of Indian Academy of Neurology, Ahmedabad October 04-07,2012

6. Neuro Update 2012, at Kolkata on September 22, 2012

Delivered Talk / Presented paper in conference

1. An approach to a patient with Myopathy .ANEIMIDCON 2012 at Bokaro Club, Bokaro city, Jarkhand on April 21,2012
2. Epileptic syndromes and its justification. ANEIMIDCON 2012 at Bokaro Club, Bokaro city, Jarkhand on April 21,2012
3. Interesting case of epilepsy. IES 7th EEG Workshop - Clinical Perspectives, under the aegis of Indian Epilepsy Society (IES) and Asian Epilepsy Academy (ASEPA) at G.B. Pant Hospital, Delhi August 12 2012.
4. Inflammatory myopathies- clinical aspects and management strategies, Neuro Update 2012, Kolkata, September 22, 2012

Dr. Geeta .A. Khwaja

Dr. Debashish Chowdhury

Chaired a Session

International Workshop in Epilepsy, February 2012, G.B.Pant Hospital, New Delhi.

Delivered Talk / Presented paper in conference

1. Delivered a CME talk “Neurostimulation in headache” during the 20th Annual Conference of the Indian Academy of Neurology, Ahmadabad September 2012
2. Delivered two talks on “Stroke unit - Impact on outcome in developing and developed countries” and “Migraine and its variants - Pathophysiology and management” at ANEIMIDCON-2012 (Mid-Term CME of the Associations of Eastern India) on 21-22 April 2012 at Bokaro steel City, Jharkhand
3. Delivered a lecture on “Cellular and biochemical cascade in HIBI” during ICMR workshop on Hypoxic Ischemic Brain Injury (HIBI) organized by the Department of Neurology, AIIMS on 4.2.2012
4. Delivered a lecture on “Approach to a patient of Headache” during Annual Conference of Delhi Neurological Association, New Delhi on Feb 2012
5. Delivered a lecture on “Approach to Headache” at XXX Refresher Course IMA CGP Kanpur organized by IMA, Kanpur on 23.3. 2012
6. Delivered two lectures on “Diagnosis and Management of migraine” and “Management of Ischemic stroke” at 13th NEUROCON MP at Bhopal being organized by MP Chapter Bhopal on 31.3.2012
7. Delivered a talk on “Migraine: diagnosis and management” at the Annual conference of the East Delhi Physicians Association, December, 2012

8. FELLOWSHIP

Dr. Sanjay Pandey – Fellowship in Movement disorder by NIH, USA from Feb 2013 to Feb 2014

9. REPRESENTATION ON EXPERTS COMMITTEE/BODIES

Dr. Vinod Puri

As an Expert Member

1. Inspector by National Board of Examinations to conduct inspection of Care Hospital, Hyderabad for fresh/ Renewal of accreditation of their Neurology department for DNB course. April 11, 2012
2. Inspector by National Board of Examinations to conduct inspection of Poona Hospital and Research centre, Pune-30, Maharashtra for fresh/ Renewal of accreditation of their Neurology department for DNB course. April 16, 2012.
3. Standing selection committee for the posts of Assistant Professor Neurology, IGIMS, Patna. May 14, 2012.
4. Invited as an expert for Effect of Non-ionizing Electro Magnetic Field (EMF) on Human Health. Indian Council of medical Research, Ansari Nagar, New Delhi August 17, 2012
5. Inspector by MCI for Assessment of the physical and the other teaching facilities available at Sri Ramachandra Medical College and Research Institute, Chennai for purpose of recognition of DM - Neurology course. August 22, 2012.
6. The Selection Committee for selection of Professor, and Assistant Professor, in Neurology, Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow. August 25, 2012
7. Inspector by National Board of Examinations, Ministry of Health and family welfare, Govt. of India, to assess the physical facilities and infrastructure of Yashoda Superspeciality Hospital, Malakpet, Hyderabad towards accreditation for running DNB programme in the specialty of Neurology. September 05, 2012.
8. Appointed as Head of committee to verify the records of Guwahati Neurological research centre, Guwahati by DGHS, Govt. of India, October 9-11, 2012.
9. The standing committee [Assessment promotion scheme] for the post of Associate Professor in the department of neurology, IGIMS, Patna. November 1, 2012
10. Expert Member of the Selection committee for the post of Assistant Professor in the department of neurology, by direct recruitment and Assessment promotion scheme, NIMHANS, Bangalore. November 15, 2012
11. Member of Executive body of Indian Academy of Neurology, 2011-14
12. Member of the expert committee for selection of senior research associates (Pool scientist) in medical sciences. CSIR, HRD Group, Pusa Road, New Delhi
13. Data safety monitoring board for co-ordination of project. Intravenous Autologous bone marrow stroma cells or mononuclear cells for patients with acute ischemic stroke. A multi institutional project. Ministry of sciences and technology department of biotechnology, Govt. of India.
14. Evaluation of research projects submitted to Department of science and technology, New Delhi.

Reviewer in Neurology, scientific journals

National

Neurology India. Official journal of Neurological society of India

International

1. Clinical Neurology Neurosurgery
2. Epilepsy research

Dr. Geeta .A. Khwaja**Reviewer in Neurology, scientific journals**

1. Member Editorial Advisory Board, JIACM (Journal of Indian Academy of Clinical Medicine), Delhi, w.e.f. March 2005
2. Conducted 3 Monthly Audit of Ward VI / ICU) for NABH Accreditation.
3. Board Member of the Interdisciplinary Brain Research Centre (IBRC) at JNMC AMU. Aligarh, w.e.f. 25/7/12.
4. Participated in a two days workshop on Hospital Safety and Review of Hospital Contingency Plans held on 22.10.2012 & 23.10.2012.
5. Convened a Session in Workshop on Nerve Muscle disorders on 22nd February 2013 at G.B. Pant Hospital, New Delhi.
6. Joint Organizing Secretary in Workshop on Nerve Muscle Disorders w.e.f. February 22-24, 2013, at G.B. Pant Hospital, New Delhi

Dr. Debashish Chowdhury

1. External examiner for the super specialty DM Examination (Neurology) at Osmania Medical College, Hyderabad in July 2012.
2. At PSG Institute of Medical Sciences, Coimbatore for the purpose of recognition of DM-Neurology August 2012

Reviewer in Neurology, scientific journals

Selected a Reviewer of Annals of Indian Academy of Neurology

Selected a reviewer for Cochrane Pain, Palliative & Supportive Care (PaPaS) Review Group

Dr. Neera Chaudhry

1. External Examiner for 2nd year practical exam of BPT students, Centre for Physiotherapy and rehabilitation Sciences, Jamia Milia Islamia, New Delhi, May 2012.
2. Member of Selection committee for interviews for the post of Junior Resident on 23-07-12 at G.B. Pant Hospital.
3. Member in the Selection committee for the conducting of interviews for admission in DCNT Course for the academic session 2012-14 on 08-08-12 at G.B. Pant Hospital.
4. Member of Research Committee Meeting to Evaluate and Approve Synopsis of MPT Students for their mandatory dissertation as per GGS IP University MPT Programme on 04-08-12 at Banarsidas Chandiwal Institute of Physiotherapy.
5. Joint Organizing Secretary in Workshop on Nerve Muscle Disorders w.e.f. February 22-24, 2013, at G.B. Pant Hospital, New Delhi

10. LAB DATA

EEG: Number of EEG increased from 1807 in 2007 to 2186 in 2011 and 2250 in 2012

EMG: Number of EMG increased from 264 in 2007 to 308 in 2011 and 237 in 2012

NCV: Number of NCV increased from 1831 in 2007 to 1846 in 2011 and 1779 in 2012

EP: Number of EP increased from 942 in 2007 to 450 in 2011 and 472 in 2012

VEEG (EMU): Total no. of Video EEG done were 18 in 2008, 47 in 2009, 57 in 2010, 77 in 2007 and 226 in 2012.

VEEG (ICU): Number of VEEG performed were 193 in 2010; 172 in 2011 and 112 in 2012.

PSG: Number of PSGs performed were 81 in 2010; 53 in 2011 and 28 in 2012.

New facilities added

Neurology emergency started in October 2011

Any other worth mentioning information

Comprehensive Epilepsy Programme

Investigations	2007	2008	2009	2010	2011	2012	2013
VEEG	77	18	47	57	77	169	51
TMS		16	38	22	28	39	

ECOG & Epilepsy Surgery 56

Post doctoral Fellow 02

Diploma in Clinical Neurotechnology (DCNT) started with 4 seats in September 2007.

Students enrolled:

❖ 2007	2
❖ 2008	2
❖ 2009	1
❖ 2011	4
❖ 2012	2

NEUROSURGERY

Head of Department: Dr. Ajay Sharma

1. FACULTY

Dr. AJAY SHARMA	DIRECTOR PROFESSOR and HEAD
Dr. SANJIV SINHA	PROFESSOR
Dr. DALJIT SINGH	PROFESSOR
Dr. ARVIND K SRIVASTVA	PROFESSOR
Dr. ANITA JAGETIA	ASSOCIATE PROF.
Dr. HUKUM SINGH	ASSOCIATE PROF.

2. RESEARCH SCHEME

Thesis completed:

- 1 Supraorbital key hole approach for anterior communicating artery aneurysm
- 2 Aquedoplasty in hydrocephalous
- 3 Split cord malformation
- 4 Use of endoscope in CP angle tumours

On going projects

- (1) Thoracic and thoracolumbar tuberculosis. clinical, radiological and surgical outcome. prospective and retrospective study.
- (2) Intraoperative electrophysiological monitoring of trigeminal and facial nerve and outcome in cerebellopontine surgery.
- (3) Evaluation of symptomatic and asymptomatic ischemia following clipping of anterior circulation using diffusion weighted MRI .
- (4) Endovascular management of CCF
- (5) Growing skull fracture. pathogenesis and surgical outcome
- (6) Clinical study of occipital encephalocele with reference to factors affecting outcome.
- (7) Excision of intracranial malformation using intraoperative indocyanin green video angiography.
- (8) Post procedural ischemic event in treatment of aneurysmal patient by clipping or coiling
- (9) A study of surgical outcome in patient of chiari malformation type 1
- (10) A clinical study of anterior & basal encephalocele & its surgical outcome
- (11) Evaluation of surgical outcome of spine tumor.
- (12) Surgical outcome in poor grade aneurysmal sah: a prospective study
- (13) Role of intraoperative icg videoangiography in intracranial aneurysm surgery
- (14) Evaluation of role of stereotactic biopsy in diagnosis of neoplastic and non neoplastic intracranial lesions
- (15) Outcome of epilepsy surgery in patients with intractable seizure
- (16) To access the usefulness of intraoperative fluorescence using 5 ala to achieve radical excision of malignant glioma
- (17) A clinical study of congenital dermal sinus of craniospinal axis
- (18) ozone nucleolysis for lumbar and lumbosacral disc prolapse

3. CONFERENCE ORGANISED

- 1 First Instructional course in Neurosurgery –CVJ and cervical spine 12-13 Oct.
- 2 Midas Rex workshop on use of drill in spine and CV Junction- 13 Oct.

4. CONFERENCE/ PAPER PRESENTED

Papers were presented by Dr Ajay Sharma, Dr S Sinha, Dr D Singh, Dr Anita, Dr A K Srivastava and Dr Hukum Singh in various conferences

Conferences attended by Faculty includes NSI,NSSI,Indian society of cerebrovascular surgery,Skull Base society, Stereotactic and functional neurosurgery etc.

5. DISTINGUISHED VISITOR

Dr Lee Dong HO from Seol ASAN Medical centre

Dr Atul Goel Head NEUROSURGERY KEM Hospital, Mumbai

6. HONOUR TO FACULTY

Dr DALJIT SINGH- awarded Medical excellence award, Best Published Paper award and Vishist Chikitsa Ratan Award 2012

Guide for PHD Neurosciences ,University of Delhi

Dr S Sinha Guide for PHD- IP University

7. FELLOWSHIP

Dr Hukum Singh awarded WHO fellowship 2012, to Thailand

8. REPRESENTATION IN EXPERT COMMITTEE

Dr A Sharma , Dr S Sinha Dr D Singh, Dr A K Srivastava as member in expert committee of MCI, UGC, DNB,UPSC etc

9. NEW FACILITY ADDED

Role of ICG in vascular lesions of the brain

ALA in neurooncology

PATHOLOGY

Name of the Head of Department: Dr Ranjana Gondal

1. Faculty

Dr R Gondal	Director-Professor of Pathology
Dr P Sakhuja	Professor of Pathology
Dr R K Saran	Professor of Pathology
Dr VV Batra	Professor of Pathology
Dr S Mandal	Assistant Professor of Pathology

2. RESEARCH SCHEME

CSIR Projects:

1. Role of Her2/neu in gall bladder carcinomas: An Immunohistochemical and Fluorescent-in-situ Hybridization study, PI - Dr Puja Sakhuja
2. To study markers of EMT and beta FGF in Cholangiocarcinoma, PI – Dr Puja Sakhuja
3. Molecular diagnosis of oligodendrogliomas using 1p19q by FISH technology, IDH1 and internexin – Dr Vineeta Batra

Supervisor for PhD thesis

Dr Puja Sakhuja – To study the markers of Epithelial Mesenchymal Transition in Chronic Liver Diseases

Co-supervisor for PhDthesis –

Dr Puja Sakhuja

1. *To investigate the potential role of Th17 cells and neutrophils; Protective or Pathogenic in Acute on chronic liver failure.* Synopsis for the partial fulfillment of Ph.D registration in Delhi University Submitted By Arshi Khanam
2. *Study of microRNAs in HBx-induced hepatocellular carcinoma* Synopsis for the partial fulfillment of Ph.D registration in Delhi University. Submitted by Sadaf Bashir
3. *Micro RNAs and chronic HBV Infection: Role in viral persistence and immunomodulation* Synopsis for the partial fulfillment of Ph.D registration in Delhi University. Submitted by Avishek Singh

Dr R K Saran

Co- supervisor PhD

Neuroprotective effect of Baicalein, Resveratrol, Astaxanthin and Quercetin in young & age rat model of Parkinson disease.

MD/ DM

Effect of rate control on systemic coagulation status in patients of mitral stenosis with atrial fibrillation.

3. TRAINEES FROM OTHER AGENCIES:

- a) Four MLT trainees from Maharani Bagh polytechnic for two months each from June to November.
- b) DNB candidate for training from Hindurao Hospital

4. TRAINING COURSE / CONFERENCE / WORKSHOP/ ORGANISED

- a. An international conference on Liver Pathology was organized on 27-29th January, 2012 at GB Pant Hospital in which many renowned International and National experts on liver pathology were invited.

5. PUBLICATION

Dr R Gondal

- 1. Gupta N, Javed A, Puri S, Gondal R, Agarwal AK. Imaging of a patient with multiple intrahepatic cysts. *Oman Med J*. 2012 Sep;27(5):421-3. doi: 10.5001/omj.2012.104.
- 2. Majumdar K, Sakhuja P, Kaur S, Rastogi A, Gondal R, Agarwal A. Inflammatory myofibroblastic tumor appendix with concomitant mucosal dysplasia, simulating pseudomyxoma on preoperative aspiration cytology. *J Cancer Res Ther*. 2012 Apr-Jun;8(2):317-9. doi: 10.4103/0973-1482.99004.
- 3. Rajalingam R, Javed A, Gondal R, Arora A, Nag HH, Agarwal AK. Non-familial double malignancy of the colon and ampulla of Vater: a case report and review of literature. *Saudi J Gastroenterol*. 2012 Mar-Apr;18(2):143-5. doi: 10.4103/1319-3767.93823.
- 4. Majumdar K, Tyagi I, Saran RK, Kumar S, Gondal R. Multicentric extranodal Rosai Dorfman disease--a cytological diagnosis, with histological corroboration. *Acta Cytol*. 2012;56(2):214-8. doi: 10.1159/000332973. Epub 2012 Feb 17.
- 5. Bano S, Puri SK, Upreti L, Chaudhary V, Sant HK, Gondal R. Gastrointestinal stromal tumors (GISTs): an imaging perspective. *Jpn J Radiol*. 2012 Feb;30(2):105-15. doi: 10.1007/s11604-011-0020-0. Epub 2011 Dec 22.

Dr Puja Sakhuja

- 1. Kalayarasan R, Javed A, Puri AS, Puri SK, Sakhuja P, Agarwal AK. A prospective analysis of the preoperative assessment of duodenal involvement in gallbladder cancer. *HPB (Oxford)*. 2012 Aug 1.
- 2. Majumdar K, Sakhuja P, Kaur S, Rastogi A, Gondal R, Agarwal A. Inflammatory myofibroblastic tumor appendix with concomitant mucosal dysplasia, simulating pseudomyxoma on preoperative aspiration cytology. *J Cancer Res Ther*. 2012 Apr-Jun;8(2):317-9.

3. Kaur S, Tripathi D, Dongre K, Garg V, Rooge S, Mukopadhyay A, Sakhuja P, Sarin SK. Increased number and function of endothelial progenitor cells stimulate angiogenesis by resident liver sinusoidal endothelial cells (SECs) in cirrhosis through paracrine factors. *J Hepatol.* 2012 Dec;57(6):1193-8.
4. Puri AS, Sachdeva S, Mittal VV, Gupta N, Banka A, Sakhuja P, Puri SK. Endoscopic diagnosis, management and outcome of gastroduodenal tuberculosis. *Indian J Gastroenterol.* 2012 Jun;31(3):125-9.
5. Majumdar K, Tyagi I, Saran RK, Sakhuja P, Sharma A. Medulloblastoma with focal divergent/teratoid differentiation. *Brain Tumor Pathol.* 2012 May 22. [Epub ahead of print] PubMed PMID: 22615000.
6. Rajalingam R, Javed A, Sharma D, Sakhuja P, Singh S, Nag HH, Agarwal AK. Management of hypersplenism in non-cirrhotic portal hypertension: a surgical series. *Hepatobiliary Pancreat Dis Int.* 2012 Apr;11(2):165-71.
7. Majumdar K, Saran RK, Sakhuja P, Jagetia A, Sinha S. Intact protoscolices and hooklets in cytopspin preparation of intra-operative cyst fluid allow rapid confirmation of rare cerebral intraventricular hydatid infestation. *Cytopathology.* 2012 Mar 27.
8. Agarwal AK, Kalayarasan R, Singh S, Javed A, Sakhuja P. All cholecystectomy specimens must be sent for histopathology to detect inapparent gallbladder cancer. *HPB (Oxford).* 2012 Apr;14(4):269-73.
9. Sharma A, Minhas HS, Sakhuja P, Satsangi DK. Left atrial primary B cell lymphoma presenting with mitral regurgitation. *J Card Surg.* 2012 May;27(3):300-3.
10. Gupta AC, Misra R, Sakhuja P, Singh Y, Basir SF, Sarin SK. Association of adiponectin gene functional polymorphisms (-11377C/G and +45T/G) with nonalcoholic fatty liver disease. *Gene.* 2012 Mar 15;496(1):63-7.
11. Garg V, Garg H, Khan A, Trehanpati N, Kumar A, Sharma BC, Sakhuja P, Sarin SK. Granulocyte colony-stimulating factor mobilizes CD34(+) cells and improves survival of patients with acute-on-chronic liver failure. *Gastroenterology.* 2012 Mar;142(3):505-512.e1.

Dr RK Saran

1. Majumdar K, Tyagi I, Saran RK, Kumar S, Gondal R. Multicentric extranodal Rosai Dorfman disease--a cytological diagnosis, with histological corroboration. *Acta Cytol.* 2012;56(2):214-8. doi: 10.1159/000332973. Epub 2012 Feb 17.
2. Majumdar K, Mandal S, Saran RK, Gupta R. Recurrent intracranial myxofibrosarcoma presenting as an extensive fronto-parieto-occipital SOL: an unusual sarcoma of meningeal origin. *clineuro.* 2012.05.030. Epub 2012 Jun 21
3. Majumdar K, Saran RK, Sakhuja P, Jagetia A, Sinha S. Intact protoscolices and hooklets in cytopspin preparation of intra-operative cyst fluid allow rapid confirmation of rare cerebral intraventricular hydatid infestation. *Cytopathology.* 2012 Mar 27.

4. Majumdar K, **Saran RK**, Tyagi I, Shankar R, Singh D. Role of intraoperative squash smear cytology as a diagnostic modality in lipoma of quadrigeminal cistern. *J Neurosci Rural Pract.* 2013 Jan;4(1):59-62
5. Soni RC, Puri AS, Garg V, Sachdeva S, Banka A, Tyagi P, Saran RK. Comparative yield of fine needle aspiration cytology, ampullary biopsy, and needle knife assisted biopsy in the diagnosis of nonulcerated periampullary tumors. *Indian J Gastroenterol.* 2013 May 23.
6. Majumdar K, Saran R, Tyagi I, Jain A, Jagetia A, Sinha S, Singh A. Cytodiagnosis of alveolar soft part sarcoma: Report of two cases with special emphasis on the first orbital lesion diagnosed by aspiration cytology. *J Cytol.* 2013 Jan;30(1):58-61.
7. Majumdar K, Mandal S, Thakkar R, Saran RK, Srivastava AK. Meningeal osteochondroma simulating meningioma with metaplastic change: a rare golf-ball-like lesion of non-meningothelial mesenchymal origin. *Brain Tumor Pathol.* 2013 Mar 2.
8. Majumdar K, Saran RK, Chaurasia PK, Tyagi I, Singh D. Sphenoid wing lymphoplasmacyte-rich meningioma with occasional emperipolesis closely simulating an intracranial Rosai-Dorfman disease: a diagnostic dilemma. *Clin Neuropathol.* 2013 Mar-Apr;32(2):122-7.
9. Mehndiratta M, Pandey S, Nayak R, Saran RK. Acute onset distal symmetrical vasculitic polyneuropathy associated with acute hepatitis B. *J Clin Neurosci.* 2013 Feb;20(2):331-2.
10. Majumdar K, Tyagi I, Saran RK, Sakhuja P, Sharma A. Medulloblastoma with focal divergent/teratoid differentiation. *Brain Tumor Pathol.* 2013 Jan;30(1):50-6.
11. Saluja SS, Kalayarsan R, Mishra PK, **Saran RK**. Duodenal MALToma with gastric outlet obstruction. case report and review of literature. *J Gastrointest Cancer.* 2012 Jun;43(2):329-31

Dr VV Batra

1. Mishra K, Singla S, **Batra VV**, Basu S, Kumar P. Extensive cutaneous necrosis in a 12-year-old girl: an unusual complication of secondary cold agglutinin syndrome. *Paediatrics and International Child Health.* DOI: <http://dx.doi.org/10.1179/2046905513Y.0000000065>
2. Majumdar K, **Batra VV**, Tyagi I, Sharma A. Embryonal Tumor With Abundant Neuropil And True Rosettes With Melanotic (Retinal) Differentiation. *Fetal Pediatr Pathol.* 2013 May 20. [Epub ahead of print] PubMed PMID: 23688420.
3. Kapoor K, Saha A, Dubey NK, Goyal P, Suresh CP, **Batra V**, Upadhyay AD. Subclinical non-autoimmune hypothyroidism in children with steroid resistant nephrotic syndrome. *Clin Exp Nephrol.* 2013 Apr 13. [Epub ahead of print] PubMed PMID: 23584882.
4. Saha A, Gupta V, Kapoor K, Dubey NK, Lal P, Sidhu TS, **Batra VV**, Upadhyay AD. Hearing status in children with frequently relapsing and steroid resistant nephrotic syndrome. *Pediatr Nephrol.* 2013 Mar;28(3):439-45. doi: 10.1007/s00467-012-2358-7. Epub 2012 Dec 12. PubMed PMID: 23233039.

5. Tyagi I, Majumdar K, Kamra S, **Batra VV**. Retrieval of kidney tissue for light microscopy from frozen tissue processed for immunofluorescence: A simple procedure to avoid repeat kidney biopsies. *Ind J Nephrol* 2013; 23 (3): 206-210.
6. Mishra K, **Batra VV**, Basu S, Rath B, Saxena R. Steroid-resistant nephrotic syndrome associated with steroid sulfatase deficiency-x-linked recessive ichthyosis: a case report and review of literature. *Eur J Pediatr*. 2012 May;171(5):847-50. doi: 10.1007/s00431-012-1712-x. Epub 2012 Mar 15. PubMed PMID: 22419362.
7. Tyagi I, Majumdar K, Mehta S, **Batra VV**. Gliosarcoma with osseous tissue: an occasional metaplastic component. *Brain Tumor Pathol*. 2012 Apr 4. [Epub ahead of print] PubMed PMID: 22476731.
8. Mehra N, Saha A, Dubey NK, **Batra VV**. Acute tubular necrosis in dengue fever in a child. *Indian J Nephrol*. 2012 Sep;22(5):400-1. doi: 10.4103/0971-4065.103917. PubMed PMID: 23326059; PubMed Central PMCID: PMC3544070.

Dr Shramana Mandal

1. Mandal S, Badhe BA. Malignant transformation in a mature teratoma with metastatic deposits in the omentum: a case report. *Case Rep Pathol*. 2012;2012:568062. doi: 10.1155/2012/568062. Epub 2012 Oct 3
2. Majumdar K, Mandal S, Saran RK, Gupta R. Recurrent intracranial myxofibrosarcoma presenting as an extensive fronto-parieto-occipital SOL: an unusual sarcoma of meningeal origin. *clineuro*.2012.05.030. Epub 2012 Jun 21
3. S. Mandal, N. Siddaraju and J. S. Rekha. Cytodiagnosis of malignant transformation in a solitary osteochondroma: report of a rare case with a literature review. Article first published online: 22 OCT 2012 | DOI: 10.1111/cyt.12025

6. Conference / workshop attended

Dr Puja Sakhuja (Invited talks)

- a) "Ductopenia in Liver" - at the International CME on Liver Pathology in Delhi at GB Pant Hospital January 27th-29th, 2012.
- b) "Autoimmune Liver Diseases" – at Liver pathology workshop Cuttack, 14-15th April 2012
- c) "Steatohepatitis" - – at Liver pathology workshop Cuttack, 14-15th April 2012.
- d) "Pathology of Acute-on-Chronic Liver Failure", at the Laennec Liver Society meeting in Heidelberg in May 2012.
- e) "Advances in Immunohistochemical Techniques" at the Ramalingaswamy oration and CME at ILBS, New Delhi – August 2012.
- f) Interpretation of pediatric Liver biopsies – at the 4th CME IN DIAGNOSTIC Pathology on October 13th At MAMC.

Dr R K Saran (Invited Talk)

1. CNS Squash Cytology, Modern Practice –CME and recent advances in Cytology and Gynae pathology, PGIMER, Chandigarh- 15th Sept 2012.
2. G I Slide Seminar- IAP-ID-IAPM annual conference Jamnagar- 13 th Dec 2012.
3. CNS Squash Cytology relevance in modern practice- NeuroPath 2013 1st to 3rd Feb 2013.
4. Histopathology approach to Nerve Biopsies- International conference on Nerve and Muscle- 21st to 23rd Feb 2013, G B P H.

Dr Shramana Mandal

1. An international conference on Liver Pathology was organized on 27-29th January, 2012 at GB Pant Hospital
2. Annual meeting of Delhi Chapter of IAPM – February 25th 2012.
3. CME in Pathology, MAMC on October 13th 2012
4. Workshop on flow cytometry, MAMC on October 12th 2012
5. Annual Meeting of Delhi Chapter of cytology- September 22nd 2012

7. SIGNIFICANT EVENTS

1. Invited as Visiting Pathologist at King's College Hospital, Pathology Department, Liver Unit, London, by Dr Alberto Quaglia in May 2012 – Dr P Sakhuja

8. FELLOWSHIP

Dr R K Saran -WHO Fellowship – 4 weeks cancer research Mahidol University Bangkok, Thailand – Cancer cytogenetics 5th – 30th March 2012

9. REPRESENTATION ON EXPERT COMMITTEE / BODIES-**Dr Puja Sakhuja**

1. Member Institutional Ethics Committee, MAMC.
2. Member Institutional Ethics Committee, ILBS.

Dr R K Saran

1. Member NABL
2. Member MCI

10. LAB DATA

Name of lab	Name of test	No. of cases in 2012	No. of cases in 2011	% growth
Histopathology	Biopsy	11594	10290	12.6 %
	Special stains	7088	6705	5.7 %
	Immunohistochemistry	6432	5575	15.3 %
	Enzyme histochemistry	1070	1110	- 3.6 %
	Frozen section	920	771	16.1 %
EM lab	Electron microscopy	42	92	-54 %
Cytopathology	FNA, effusion cytology , cell block	1567	1481	5.8 %
Clinical pathology	Hemogram, special haematology, urine & stools	6,44,906	4,92,537	30.9 %
Autoimmunity lab	Autoimmune markers, Elisa	2979	2334	27.6 %

11. NEW FACILITIES ADDED: FISH has been started

PSYCHIATRY

Name of the Head of Department Dr. R.C. JILOHA, Director Professor

1. FACULTY

2.

S.No	Name of Faculty	Designation
1.	R.C. JILOHA	DIRECTOR PROFESSOR
2.	SANJAY AGRAWAL	PROFESSOR
3.	ARUNLATA AGARWAL	PROFESSOR
4.	MANISH KANDPAL	ASSISTANT PROFESSOR

2. RESEARCH SCHEMES:

(a) Ongoing projects during the year

- (i) Study of Domestic violence in the families of patients suffering from Psychiatric disorders: Pattern and psycho-social correlates by Soumiya Mudgal, Manish Kandpal and RC Jiloha
- (ii) A Study of Honour Killing: Study of prevalence and psycho-social correlates. Ridhima Grover, Chhavi Bhasin and RC Jiloha.
- (iii) Alcohol Use in schizophrenia: Prevalence, Patterns, Correlate and Clinical outcome: A Clinic based study by RC Jiloha
- (iv) Effect of Educational intervention on knowledge and attitude regarding depression in medical students. RC Jiloha, Jugal Kishore.

(b) Details about the thesis completed /going on during the year.

- (i) A Study of effects of vitamin B₁₂ supplementation in psychiatric patients with vitamin B₁₂ deficiency. Igam Bagra
- (ii) A Study of pattern of serum Vitamin B₁₂ and serum folate levels in psychiatric inpatients. Rashmi Prakash
- (iii) A cross-sectional study of physical illness in psychiatric inpatients. Bharat Udey
- (iv) To study the nature and outcome of psychiatric inpatient referrals sought in a multi-specialty hospital. Vijay Niranjana
- (v) A study of Psychiatric disorders in wives of the patients with alcohol dependence syndrome
- (vi) To study the expectations of patients and their carers presenting to psychiatry OPD of a tertiary care referral hospital.
- (vii) Study of personality traits and psychiatric co-morbidity in patients with chronic daily headache.
- (viii) A case-control study of life-events in in-patients of bipolar disorder. Aparna Das

3. TRAINEES FROM OTHER AGENCIES

S. No	Name of the trainees	Supporting Agency	Period of Training
1.	BSc (Nursing) students)	RAK College of Nursing	Ongoing
2.	BSc (Nursing) students)	Ahlyabai College of Nursing	Ongoing
3	MA, MPhil and PhD (Psychology) students	University of Delhi	Ongoing
4.	PGD in Geriatric Medicine students	Indira Gandh National Open University	Ongoing

4. TRAINING COURSES/ CONFERENCES/WORKSHOPS ORGANIZED.

Ongoing training programme in Geriatric mental health sponsored by Indira Gandhi National Open University is being conducted by Dr Arunlata Agarwal Professor Psychiatry

5. PUBLICATION OF RESEARCH PAPERS IN INDEXED JOURNALS DURING THE PERIOD.

1. Sidana S, Kishore J, Ghosh V, Gulati D, Jiloha RC, Anand T, Prevalence of depression in the students of a medical college in Delhi..Australasian Medical Journal [AMJ 2012, 5, 5, 247-250] New Delhi: A cross-sectional study
2. Jiloha RC. Homelessness and Mental Illnesses. In: Community Mental Health in India (Eds) Chavan BS, Priti Arun, Sidana Ajit and Jadhav Shashrut. Jaypee Brothers 2012.
3. Jiloha RC. Tobacco Smoking – How far do the legislative control measures address the problem? Indian Journal of Psychiatry. 2012, 54(1):64-68.
4. Jiloha RC. Welcome address: ANCIPS 2011. Indian Journal of Psychiatry. 2012 Supplementary Issue.
5. Jiloha RC. Relevance of parapsychology in practice of psychiatry – a rejoinder. Indian Journal of Psychiatry. 2012. 54(3)
6. Jiloha RC. Depression in medical settings. Journal of Mental Health and Human Behaviour. Journal of Mental Health and Human Behaviour : SUPPLEMENT 2012
7. Jiloha RC and Kandpal Manish. Role of Culture in Psychiatric Evaluation and Management. Journal of International Medical Science Academy. Oct.-Dec. 2012. Vol 25 No.4 P265-268.
8. Jiloha RC; Kandpal Manish; Rana Sumit. Tobacco Use: From Brain Probe to Public Health Menace. Journal of International Medical Science Academy. Oct.-Dec. 2012. Vol. 25 No.4 P 270-277.
9. Jiloha RC and Kandpal Manish anmd Soumiya Mudgil. Biology of Drug-Addiction. Journal of International Medical Science Academy. Oct.-Dec. 2012. Vol. 25 No.4 P 259-264.
10. Jiloha RC and Mudgal Soumiya. Advanceds In Management Of Psycho-Active Substance. Dependence Journal of International Medical Science Academy. Oct.-Dec. 2012. Vol. 25 No.4 P 269-276.
11. Jiloha RC. Guest Editorial, Drug Addiction: Health Hazards. Dependence Journal of International Medical Science Academy. Oct.-Dec. 2012. Vol. 25 No.4 P 257

6. BOOKS (WRITTEN/EDITED) CHAPTERS CONTRIBUTED

Dr R.C. Jiloha has written a Chapter in the book “Community Mental Health in India” (Eds) Chavan BS, Priti Arun, Sidana Ajit and Jadhav Shashrut. Jaypee Brothers 2012.

7. CONFERENCES/WORKSHOPS/SYMPOSIA ATTENDED/ PAPERS PRESENTED.

1. Domestic Violence and Mental Health. Invited lecture in Continuing Medical Education Programme of Indian Psychiatric Society (NZ) held at Hotel Klassic Fortune onm 15th April 2012.
2. Depression in Medical Setting. Invited lecture in 12th PG Development Programme held at Kasauli Resort Kasauli (HP) on 25-27 May 2012.
3. Causes and Management of Non-compliance in Schizophrenia. Invited lecture in 37th Annual Conference of Indian Psychiatric Society held at Pagoda Resort Sriganganagar (Rajasthan) on 27-28 October 2012.

8. REPRESENTATION TO EXPERT COMMITTEES:

Dr R.C Jiloha is associated with the following:

1. Member State Mental Health Authority Delhi state.
2. Inspecting Officer, Medical Council of India – conducted inspection at three medical colleges for MD (Psychiatry) course.
3. Advisor, Union Public Service Commission India
4. Member, Board of Visitors, Institute of Human Behavior and Allied Sciences (IHBAS), Dilshad Garden Delhi.
5. Member Academic Council University of Delhi and Banaras Hindu University (BHU), Varanasi (UP)
6. Member Academic Council Aligarh Muslim University Aligarh (UP).
7. Member Academic Committee, Institute of Human Behavior and Allied Sciences, Dilshad Garden Delhi.
8. Resource Person (Psychiatry) National Board of Examinations – conducted inspection of three centres to start DNB course in (Psychiatry), also examiner for theses evaluation.
9. Examiner in PG degree/diploma in Psychiatry for various Indian Universities.
10. Member, Rehabilitation Council of India –
11. Drug Technical advisory Board of India – attended its meeting

9. HEALTH SERVICES TO THE COMMUNITY;

Community services are provided by disseminating information to the patients and their care-givers by supplying printed material, through, news papers and electronic media.

10. ANY OTHER RELEVANT ACADEMIC INFORMATION.

Dr RC Jiloha received BHAGIRATHI AWARD for promoting mental health awareness in general population and sensitizing the importance of mental health..

The department has produced information booklets on Alcohol dependence and Schizophrenia meant for patients and their care givers free of cost. These booklets provide relevant information on the disease and management.

RADIOLOGICAL DIAGNOSIS

1. FACULTY

Dr Sunil Kumar Puri	MD	Dir-Professor and Head
Dr Satbir Singh	MD	Dir-Professor
Dr Ashok Sharma	MD	Dir-Professor
Dr Poonam Narang	MD	Dir-Professor
Dr Lalendra Upreti	MD	Professor
Dr Vandana	MD	Assistant Professor

2. RESEARCH SCHEMES

Ongoing projects during the year

- Pre-operative percutaneous biliary drainage and stenting in patients of carcinoma gall bladder. Sunil K Puri, Poonam Narang SS Saluja and Anil Agarwal
- Role of Radiofrequency ablation in the management of primary and metastatic liver tumors. Sunil K Puri, AS Puri, BC Sharma, SS Saluja , PK Mishra and Anil Agarwal

Thesis completed/ ongoing during the year:

- Comparative analysis of 256 Slice Dual source CT Coronary angiography and conventional catheter angiography in patients with different heart rates. Neeraj Jain, SK Puri, L Upreti, S Tyagi, VK Trehan
- Role of Computed Tomography Perfusion and Magnetic Resonance Spectroscopy in determining the malignant potential of brain tumors. Souperno, Ashok Sharma, Satbir Singh and S Sinha
- CT Perfusion in space occupying lesions in liver. Santosh Kumar Arjun, Satbir Singh and Ashok Sharma
- Role of CT enterography in evaluation of small bowel masses. Sailesh Agarwal, L Upreti, SK Puri, AS Puri
- Evaluation of changes in pharyngeal airway following Twin block therapy- A Cephalometric and MRI study Ram Gopal, Tulika Tripathy, SK Puri and Anup Kanase
- To correlate the improvement in Mitral regurgitation on stress echo in coronary artery disease patients with left ventricular dysfunction with residual mitral regurgitation after revascularization Sandeep K Golcha, V Trehan, V Mehta, SK Puri and Harpreet
- Study of occurrence and pattern of Poly-vascular atherosclerotic disease and its association with risk factors and outcome in patients of Ischaemic stroke. Prashant Makhija, Debashish Chowdhury, Meena Gupta, Geeta Khwaja and SK Puri

- Pulmonary and Coronary involvement in Takayasu arteritis by CT Angiography Eshan Gupta, Sajay Tyagi, Sumod Korian and SK Puri

PUBLICATION OF RESEARCH PAPERS IN INDEXED JOURNALS

- 1 Endoscopic diagnosis, management and outcome of gastroduodenal tuberculosis.
AS Puri, S Sachdeva, VV Mittal, N Gupta, A Banka, P Sakuja and **SK Puri**
Indian Journal of Gastroenterology, 31, 3, 2012:125-129
- 2 Imaging of a patient with multiple intrahepatic cysts: What is the diagnosis?
Nikhil Gupta, Amit Javed, **Sunil Puri**, Ranjana Gondal and Anil K Aggarwal
Oman Medical Journal, 27, 5, Sept 2012: 421-423
- 3 Oesophageal duplication cyst
Abhay K Kapoor, Ankur Arora, Sheefa Haq and **Sunil K Puri**
Indian J Garstroenterol – Accepted for publication
- 4 Gastrointestinal stromal tumors: An imaging perspective
S Bano, **SK Puri**, L Upreti, V Chaudhry, HK Sant and R Gondal
Japan J Radiolo, 30,2, 2012, 105-15
- 5 Gallstone abscess – some drops may end up costlier!
V Venugopal, **SK Puri**, AK Kapoor and L Upreti
Indian J Garstroenterol – Aug 2012
- 6 Cobra head choledochoceles – depiction with computed tomography and Cholangiogram
A Arora, A Kapoor, **Sunil Kumar Puri**
HPB, March 2012
- 7 Esophagopericardial fistula: A delayed complication following esophageal stenting
Sundeeep Singh Saluja, **Sunil Kumar Puri**, Ankur Arora, Barjesh Chander Sharma and Pramod Kumar Mishra, American Surgeon - Accepted

CONFERENCE/WORKSHOP/SYMPOSIA attended/Paper presentation (National/International)

- Dr SK Puri, Dr Ashok Sharma and Dr L Upreti attended 66th Annual Congress of the Indian Radiology and Imaging Association at Hyderabad, January 2012
- Dr SK Puri and Dr L Upreti and Dr Vandana attended Delhi Imaging Update ,DIU 2012, Annual Congress of Delhi State Chapter of IRIA, 25-26 Feb 2012, New Delhi
- Dr S K Puri and Dr Vandana attended Third AIIMS-MAMC-PGI Imaging course in MSK and breast Radiology, 2-3 March, 2012, MAMC, New Delhi
- Dr SK Puri and Dr L Upreti and Dr Vandana attended Imaging Today, a CME on abdominal imaging, New Delhi , 27th and 28th Oct 2012
- Dr SK Puri and Dr L Upreti attended a CME on Recent advances in MRI, Star Imaging Programme, organized by Delhi branch of IRIA, Aug 2012, New Delhi
- Dr SK Puri and Dr L Upreti attended 10th Annual Conference of Indian Society of Pediatric Radiology, PGIMER, Chandigarh, 29-30 Sept 2012
- Dr SK Puri attended Annual Registry and CME meet of Indian society of vascular and Interventional radiology on Aortic Interventions, September 2012, AIIMS, New Delhi

- Dr SK Puri attended Delhi Ultrasound Update, “DUU-2012” Annual conference of Indian Federation of Ultrasound In Medicine and Biology, Delhi chapter, 2012, New Delhi
- Dr SK Puri and Dr Vandana attended International Symposium on “Management Paradigms for Hepatocellular carcinoma- Current and Future” .
Organized by ILBS, 7-8 April 2012, New Delhi
- Dr SK Puri attended CME on New Frontiers in Neurocognition, INMAS, New Delhi, Dec 29, 2012

Scientific Papers presented.

- Percutaneous Human Thrombin injection in spontaneous visceral and peripheral pseudoaneurysms: Technique controversies.
Neeraj Jain and Sunil K Puri
11th Delhi Ultrasound Update “DUU-2012”, Delhi Chapter of IFUMB,
13-14 Oct 2012, Delhi (First prize)
- Rare presentations and Complications of Hepatic Hydatid Cysts
A. Kapoor, A. Arora, N. Gupta, S. K. Puri
European Congress of Radiology, March 2012
- Efficacy and comparison of 256- slice Dual source CT angiography with catheter coronary angiography at different heart rates without using any beta blockers
Nishant Gupta, Sunil K Puri, Neeraj Jain, Abhay Kapoor, Vasantha and L Upreti
Annual Conference of Radiological Society of North America (RSNA)
Chicago, USA, Dec 2012.
- Percutaneous human thrombin injection in pseudoaneurysms – A new alternative Treatment
Nishant Gupta SK Puri Abhay Kapoor and Ankur arora
65th Annual Congress of the Indian Radiology and Imaging Association,
Hyderabad, 28-31 January 2012
- Rare presentations and Complications of Hepatic Hydatid Cysts
A. Kapoor, A. Arora, N. Gupta, S. K. Puri, L Upreti
65th Annual Congress of the Indian Radiology and Imaging Association,
Hyderabad, 28-31 January 2012

SIGNIFICANT EVENTS (Honours to faculty)

- **Fellowship :** Dr Sunil Kumar Puri was awarded Fellowship of Indian College of Radiology and Imaging (FICRI) in 2012

Lectures taken by Dr Sunil K Puri

- **Mihir Mitter Oration** : Percutaneous alcohol ablation with and without catheter drainage for treatment of Hydatid liver cysts: Long term results-Feasibility and technical details.
64th Annual Congress of the Indian Radiology and Imaging Association,

Hyderabad, Jan 2012

- **MVK Shetty Oration** “Congenital anomalies and variants of Hepato- pancreatico- biliary ductal system: Imaging features and Clinical significance”.
10th Annual Conference of Indian Society of Pediatric Radiology,
PGIMER, Chandigarh, 29- 30 Sept 2012
- Dilemma of cystic pancreatic lesion
Delhi Imaging Update , DIU 2012, Annual Congress of Delhi State Chapter of IRIA, 25-26 Feb 2012, New Delhi
- Imaging strategies in Cystic pancreatic lesions
Annual Conference of Indian Radiological and Imaging Association, Haryana State Chapter, Pt BD Sharma PGIMS, Rohtak, Haryana, March 18, 2012
- “Congenital anomalies and variants of Pancreatico- biliary ductal system: Imaging features and clinical significance”
Imaging Today, a CME on abdominal imaging, New Delhi, 27th and 28th Oct 2012
- Lecture on “ Imaging in unconscious patient”
CME on New Frontiers in Neurocognition, INMAS, New Delhi, Dec 29, 2012
- Lecture on “Percutaneous hepato-biliary interventions”
Surgery Update 2012, XXIX National Continuing Medical Education Programme in Surgery at MAM Collge, New Delhi 24-29 Sept 2012
- Lecture on CT angiography in abdominal pathologies
CME on Role of 16 slice CT in current imaging scenario.
Organized by Gorakhpur branch of IMA, April 2012

Sessions chaired by Dr Sunil K Puri:

- Chaired a session on Intervantional procedures in Radiology. Annual Conference of Indian Radiological and Imaging Association, Haryana State Chapter, Pt BD Sharma PGIMS, Rohtak, Haryana, March 18, 2012
- Chaired a session in International Symposium on “ Management Paradigms for Hepatocellular carcinoma- Current and Future” .
Organized by ILBS, 7-8 April 2012, New Delhi
- Moderator for Imaging Quiz for residents.
Delhi Imaging Update , DIU 2012, Annual Congress of Delhi State Chapter of IRIA, 25-26 Feb 2012, New Delhi

Lectures taken by Dr L Upreti:

- Delivered a lature as Guest faculty on “Developmental anomalies of the gastrointestinal tract”.
10th Annual Conference of Indian Society of Pediatric Radiology, Chandigarh, Sept 29-30,2012
- Delivered a lecture on “Imaging of cranio-vertebral Junction”

64th Annual Congress of the Indian Radiology and Imaging Association,
Hyderabad, Jan 2012

- Delivered a lecture on “ Bedside Ultrasound: An emerging tool in Rapid diagnosis”
Medicine update, Orchha, Nov4, 2012.
- Imaging of the abnormal situs

Sessions chaired by Dr L Upreti:

- Chaired a session on Obstetric imaging.
Delhi Imaging Update , DIU 2012, Annual Congress of Delhi State Chapter of IRIA, 25-26 Feb 2012, New Delhi
- Chaired a session on Neuroimaging.
64th Annual Congress of the Indian Radiology and Imaging Association,
Hyderabad, Jan 2012

REPRESENTATION ON EXPERT COMMITTEES/BODIES :

Dr Sunil Kumar Puri

- Examiner for practical examination of Radiodiagnosis , National Board of Examinations.
- Examiner for MD Radiodiagnosis/DMRD for various universities.
- President, Indian Society of Vascular and Interventional Radiology (ISVIR), Delhi state chapter for the year 2012-13.
- Reviewer for Journal of Cardiovascular and Interventional Radiology.
- MCI inspector for assessing physical facilities for starting MBBS course, starting/increasing seats in MD Radiodiagnosis and assessing standard of MD examinations.
- Designated as Inspector by National Board of Examinations for accreditation of institutes to start DNB course in Radiodiagnosis.
- Member of expert committee for selection of Assistant Professors/ Specialists in Radiology for : GNCTD hospitals, ILBS, Pt BD Sharma University of Health Sciences, Rohtak.
- Technical expert for purchase of equipment and other material for: Institute of Liver and Biliary Sciences , All India Institute of Medical Sciences, SGPGI, Lucknow , DGHS Ministry of Health and Family Welfare, Gov. of India and GNCTD.
- Technical expert for Delhi Medical Council.
- Member Election committee of Indian Radiological & Imaging Association for the year 2012
- External expert for PG Board of studies in Radiodiagnosis, Pt BD Sharma PGIMS, Rohtak
- CO-organizing Chairman for Delhi Imaging Update, DIU 2012, Annual Congress of Delhi State Chapter of IRIA, 25-26 Feb 2012, New Delhi

Dr Satbir Singh

- Member of State advisory board for the Pre-conception and Pre-natal technique act 1994 constituted by the Lt Governor
- MCI inspector for assessing physical facilities for starting MBBS course, starting/increasing seats in MD Radiodiagnosis and assessing standard of MD examinations
- Examiner for MD Radiodiagnosis/ DMRD at various universities.
- Appraiser for DNB students

Dr Lalendra Upreti

- Joint Secretary of Indian Radiological and Imaging Association.
- Designated as Inspector by National Board of Examinations for conducting inspection for accreditation of institutes for DNB in Radiodiagnosis.
- Carried out the assessment of Dissertations submitted by candidates of DNB (Radiodiagnosis) to National Board of Examinations.
- Examiner for practical examination of DNB (Radiodiagnosis) at Chandigarh September 2012.
- Contributor to the question bank of Common Entrance Test conducted by the National Board of Examinations.

HEALTH SERVICE TO THE COMMUNITY

Staff members of the department regularly take part in Pulse Polio Programme.

LAB DATA

Investigation/Procedure	No of cases 2011	No of cases 2012
Total routine x-rays and in bed cases	53345	56270
Special x-ray investigations	1777	1614
Routine US cases	9970	11360
Color- Doppler cases	4120	5161
CT scan	8928	13092
MRI	8869	10137
US / CT guided FNAC's /drainage	595	509
US/CTguided catheter drainage procedures	179	138
Percutaneous biliary drainage /stents	185	129
Hydatid cyst PAIR	14	14
Radio frequency ablation	4	5

CARDIOVASCULAR AND THORACIC SURGERY

Name of the Head of Department : Prof. D.K. Satsangi

1. FACULTY

S.No.	Name	Designation
1.	Prof. D.K. Satsangi	Dir. Prof. & HOD
2.	Prof. M.A. Geelani	Professor
3.	Dr. Harpreet Singh Minhas	Assoc. Professor
4.	Dr. Vithalkumar M. Betigeri	Assoc. Professor
5.	Dr. Saket Aggarwal	Assoc. Professor
6.	Dr. Subodh Sathyarthi	Assoc. Professor

2. RESEARCH SCHEME

- (a) Ongoing project
- (b) Details of thesis completed during current year : Not applicable

3. PUBLICATIONS DURING THE PERIOD

- i. Autograft mitral valve replacement – a new technique (Thoracic and Cardiovascular Surgeon 2012;60:356-7)
- ii. Postoperative iatrogenic Polyuria: A Case of Good Intentions Gone Haywire (accepted for publication by the Indian Journal of Medical Specialities 2012;3(1):98-99)
- iii. Irreversible loss of vision in a pediatric patient due to occipital infarction after cardiopulmonary bypass (Annals of Cardiac Anesthesia 2012;15:88-90)
- iv. Renal Cell Carcinoma With Right Atrial Extension With Associated Atrial Septal Defect (Indian Journal of Thoracic and Cardiovascular Surgery 2012;28:140-142)
- v. Surgical repair of submitral aneurysm in a three-year old child (Journal of Cardiac Surgery 2012;27:238-40)
- vi. Lung Herniation into Pericardial Cavity – A case of Partial Congenital Absence of Right Pericardium (Annals of Pediatric Cardiology 2012;5:213-4)
- vii. Case Report: Left main coronary artery atresia with Tetralogy of Fallot: a novel association (accepted for publication in Journal of Thoracic and Cardiovascular Surgery)
- viii. An Unusual Case of Recurrent Extrusion of Pacemaker (Indian Journal of Medical Specialities 2012;3:216-7)
- ix. Anesthetic management of a child with nephritic syndrome undergoing open heart surgery: Report of a rare case (Annals of Cardiac Anesthesia 2012;15:305-308)
- x. Sinus of valsalva aneurysm with left anterior descending coronary aneurysm (Journal of Cardiac Surgery 2012;27:611)

- xi. Anomalous origin of left common carotid artery from the ascending aorta in a case of Tetralogy of Fallot (accepted for publication in Journal of Cardiac Surgery)
- xii. Upper GI bleed after surgery for cyanotic heart disease (accepted for publication by the Indian Journal of Thoracic and Cardiovascular Surgery)
- xiii. Unusual presence of two innominate Veins in presence of bilateral superior vena cava (accepted for publication by the Annals of Thoracic Surgery)
- xiv. MAPCA ligation in TOF (accepted for publication by the Indian Journal of Thoracic and Cardiovascular Surgery)

4. CONFERENCES/WORKSHOPS/SYMPOSIUMS ATTENDED:

- i. Annual Conference of the Indian Association of Cardiovascular Thoracic Surgeons (58th) in Feb., 2012
- ii. 14th annual conference of Pediatric Cardiac Society of Indian in October, 2012

5. **Visitors :** Inspection by University of Delhi for increase in seats in Mch course.

6. **New Facilities added:** EXTRACORPOREAL MEMBRANE OXYGENATION USED IN INFANT AFTER ARTERIAL SWITCH OPERATION.