

CURRICULUM VIATE

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Brief background

I hail from a border Village Ari (LOC), Dist. Poonch, J&K State, India. After my basic education, I finished MBBS from Government Medical College, Jammu followed by Masters in Hospital Administration from All India Institute of Medical Sciences (AIIMS), New Delhi. I commenced my medical career as Assistant Surgeon in J&K Health Services and provided curative, preventive, promotive and rehabilitative services at primary healthcare centres. I actively facilitated implementation of national health programmes and submitted project reports for district and general hospitals. My quest for achieving professional excellence propelled me to relocate to AIIMS, New Delhi where I joined as a faculty in 1993.

I headed Department of Hospital Administration at AIIMS and mentored more than 45 Postgraduate & PhD students, conducted 112 research studies, published more than 100 research papers in reputed national and international journals. I have worked as Principal Investigator of WHO projects on Public Hospital Governance: AIIMS-A case study; National Consultation on PPP; and Electronic Medical Records. During my tenure, the Department of Hospital Administration, AIIMS had the honour of being the first Department to receive ISO Certification.

I introduced Integrated Learning Module as a scientific pattern of teaching for aspiring hospital administrators. The module has been incorporated in other medical colleges conducting PG courses in Hospital Administration. I have standardized Curriculum for PG courses in Hospital Administration in association with MCI and WHO. I have authored nine books on various aspects of Hospital administration.

I was the Fellow of National Academy of Medical Sciences, International Medical Sciences Academy, Academy of Hospital Administration, and Institute of Hospital Engineering. I am the recipient of WHO Fellowship to study accident and emergency services at USA, and Management Development Programme of National University, Singapore.

I was the Programme Director for various healthcare capacity building programmes like Healthcare Executive Management Development Programme for senior healthcare professionals in collaboration with WHO, National Initiative for Patient Safety to propagate the culture of patient safety across the nation and Best Procurement Practices for Hospitals aimed at disseminating good procurement practices.

I was the Member of Expert Committee of National Human Rights Commission to study the status of Emergency Medical Services and suggest measures for improvement. Based on his recommendations, 150 Trauma Centres are being established across the country.

I was the Chairman of the Expert committee for Formulation of National Ambulance Code and Working Group on Emergency Care relating to Road Safety under Ministry of Road Transport and Highways. The National Ambulance code has been notified in the Gazette of India. I am the founder President of Research Foundation of Hospital & Healthcare Administration (RFHHA)- a leading organization promoting research and training in Hospital and Healthcare management, President of the Academy of Hospital Administration, Editor of Journal Academy of Hospital Administration and Editor-in-Chief of International Journal of RFHHA since 2012. I am also the Founder President of EMS Leaders Forum for providing a common platform for convergence of the global think-tank in the field of EMS. I was elected as Member of the Advisory Board of Centre for Health Systems Innovation & Entrepreneurship, Oklahoma State University, USA, National Accreditation Board for Hospital and Healthcare Providers, Task Force on Health Sector Reforms for J&K, Expert Group for establishing AIIMS like Institutions in the country. I am expert Consultant of Ministry of External Affairs for establishing 2 hospitals in Bhutan and Trauma Centre in Nepal. The projects of Bhutan and Nepal have actually translated into tertiary healthcare facilities.

I have been the Consultant for UNOPS Asia Office to study Procurement & Supply Management System of Ministry of Health & Family Welfare, Govt of India and based on my report, financial aid of US\$ 121 million was released for HIV and TB programmes from UN Global Funds. I was the WHO consultant to the Govt. Of Nepal to study health systems and recommend measures for improvements; Consultant to Government of Goa to form a roadmap for best utilization of existing infrastructure; Consultant to the Govt. of Maharashtra for establishing EMS System; and Consultant to Govt. of Tripura and North East States for improvement in healthcare provisioning.

I was honoured with Capital Foundation National award in September 2018 by Governor of Assam for tremendous contribution to the field of healthcare administration. Times of India also honoured me with Times Healthcare Achievers Award in 2018 for excellence in Healthcare. Other than that, I also hold the honour of prestigious “PRATIBHASHI SAMMAN–2002”, “CHIKITSA RATAN – 2010” and “SHRAM SREE-2010”. Bestowed with the International Partner of the Year Award by Institute of Rescue Engineering and Civil Protection, Cologne, University of Applied Science, Germany, I was the first Indian to be awarded with this prestigious award of International significance. I was also conferred the State Award for meritorious public service on the eve of Republic Day by J&K Government in 2014.

Professional Experience: Hospital Administration

Medical Superintendent, AIIMS, New Delhi (Dr. RP Centre)

Sept 23rd 2005 - till date

- Establishment of National Ophthalmic Surgical Skill Development centre for training of doctors.
- Citizen Charter displayed in patient care areas.
- Construction of FEMTO Cataract OT fully functional.
- Upgradation of National Eye Bank and functional 24x7
- Upgradation and modernization of L.P. Aggarwal O.R.A. Library.
- Renovation and modernization of Eye Casualty and its Operation Theatre.
- Renovation and modernization of various wards and faculty and administrative areas with of state of art facilities.
- 77 CCTV Cameras installed in RPC with control room for proper surveillance, safety and security.
- Upgraded firefighting system.
- Online appointment system for the benefit of patients at all registration counters started for the convenience of the patients.
- Information Kiosks installed at strategic locations in the OPD as well as IPD area for the appointments and display of health education.
- Introduction of new Bio-Medical Waste rules, 2016 imparted to all the staff working at the Center.
- Extension OPD established to decongest the OPD and reduce the patient waiting time.
- Continuous Nursing Education(CNE) on Computerization
- Standard Precautions and Practices: For housekeeping, sanitation and pharmacy staff
- Hand Hygiene Practices & OT Etiquettes: For nurses & JRs
- Accreditation & Quality of care for patient safety
- Bio Medical Waste (New Guidelines): For Doctors, nurses, housekeeping, sanitation and pharmacy staff
- Importance of Communication in nursing practice Stress Management in nursing practice
- Orientation programme for Nurses
- Fifteen days training of nurses from Pediatric HDU at ICU 'B' NICCU
- Training of nurses in CPR and BLS at JPNATC with 100% coverage
- Blood donation day on 10th May, 2016 in collaboration with Blood Bank AIIMS (H): 30 units blood collected.
- Scientific sessions on Quality & Patient Safety in Healthcare Institutions –Errors in Emergency Department
- Role of Communication to improve nursing practice for Patient Safety
- Preparation of Handbook on Quality and Patient Safety

Preparation of Quality policies

- Hand Hygiene Policy
- Disinfection and Sterilization Policy
- Bio Medical Waste Management policy
- Laundry Policy
- TSSU Policy
- Catheter associated UTI policy
- Emergency Room Policy
- Spills Management Policy.
- The Policies are in implementation phase (one policy at a time)
- Through single server counters for registration overall registration timing reduction achieved.
- Prescription Audit carried out to standardize prescription practices
- Study of Medical Leave issued to streamline and standardize the practices.
- New Nursing record to save time of nurses introduced after trial and inputs. Changes in nursing In- service training methodology
- Introduction of Pre and Post Training Questionnaire: To see the effect of training
- Repetition of one topic for month (Different days for clinical and administrative nurses): To ensure 100% coverage.
- Renovation of ward 1-B and ward 1-A
- Toughed glass shutters at all main entrances.
- Exterior wall finish with designer tiles.
- Exterior repair works- replacement of all drainage pipes
- Polycarbonate sheet shed at the entrance
- Fire Escape staircase with stone and stainless steel railing.
- Car parking area.
- Covering of ground floor casualty corridor windows with glass and aluminium frame with provision of ventilator for air circulation.
- Development of area in front of casualty.
- Creation of Septic OT
- Orthoptic Section ground floor
- Renovation of Ground floor D-wing corridor.
- Expansion of Lasik investigative room no. 102.
- Faculty Lounge at 2nd floor.
- Retina lab.
- OT waiting area: Floor Tiles, toughed glass partition , sensor door
- Replacement of ceiling outside OT waiting area.
- Change of bathroom fittings in washrooms of Pvt. ward rooms second and third floor.
- Renovation of Foyer area and corridor of 2nd and 3rd floor pvt. Wards.
- Replacement of broken partition with glass partitions in Pvt. ward Deluxe rooms.
- Wall panelling in R.no 154, 155 & Pvt. Ward corridors, corridors of 1st & 4th Floor administrative / academic wings

- Major Renovation of Department of Community Ophthalmology, 7th floor in progress.
- Provision of Hand dryers in OT.
- Covering of open jaali near entrance of all wards with glass.
- Finishing and painting work.
- Up take regular preventive and routine maintenance works.
- Replacement of worn out fittings with latest fittings.
- Renovation of Account section completed
- Renovation and Up gradation of Ocular Pharmacology completed
- Renovation of Surgical stores, ground floor completed
- Renovation of Engineering wing and offices completed
- Renovation and up gradation of main ground floor and first floor OPD in phase manner.
- Scanning and digitalization of Medical Records from year 2003 onwards for ease of storage and easy retrieval.
- Computerization of OPD, Casualty, OTs, Wards, Daycare, Stores and Laboratories.
- Smart Card payment system implemented for ease of patients visiting the centre.
- Central Air-conditioning of OPD, Casualty and Wards completed.
- Installation of compactors in Medical Records department for proper storage, safety and ease of retrieval.
- Renovation and modernization of all corridors connecting OPD and ward block.
- Provision of Cafeteria for R.P.C. employees.
- Renovation of OPD rooms under progress.
- Renovation of LT-6 at 6th floor completed.
Implementation of way finding system and signage's for outpatient department and ward block to make centre user friendly.
- Scanning and digitalization of medical records for year 2006 onwards.
- Computerization of areas other than above mentioned areas.
- Implementation of CCTV system in entire centre
- Renovation of Wards IA, IB and II B.
- Remodeling of stores section
- Remodeling of entire Operation Theatre Complex and Day Care area.
- Implementation of Patient Identification System in OT followed by other areas.
- Implementation of HVAC system in ward block.
- Renovation of entire OPD block.
- OPD front elevation and creation of a green area in front of the OPD.
- Improving aesthetics in and around RP Centre
- Tactile tiles in all corridors and various Areas of Dr. RPCOS.
- Installation and commissioning of 16 Slice C.T. Scan.
- Installation and commissioning of Digital Radiography System.
- Connection bridge between OPD block 1st Floor to Ward Block 1st Floor.
- Renovation of Administrative Block on 1st Floor.
- Main Operation Theatre renovation.
- Ward III A renovation.

- Renovation of Ward III-B.
- Renovation of Casualty OT.
- A.H.U. with HEPA filters installed in O.T.
- Ward Block Staircase renovation.
- System to monitor the presence of Lift Attendants in designated lifts for 24 hours by Duty Officers introduced.
- Deployment of Sanitation Services (Bharat Vikas Group) in all shifts in various areas of Dr.RPCOS with daily monitoring by Duty Officers including night shifts.
- Facility of Automated & Mechanized cleaning of Dr. RPCOS premises introduced.
- Installation of touch screen information kiosks for OT, Casualty, foyer on the ground floor and OPD.
- 01 additional Operating Room for G.A. made functional
- Air conditioning of OPD.
- Installation of compactors in MRD section
- Biometric Attendance system.
- Fire Safety provisioning as per Delhi Fire Service norms.
- Renovation of Fire escape staircase.
- Subsequent renovation of all other Wards in a phased manner.
- Renovation of Eye Bank facility
- Computerization of Wards by National Informatics Centre (NIC)
- Installation of uniform signage for the various areas of Dr. RPC.
- Provision of soft music system in OPD and wards.
- Additional Lift OPD Block upto 3rd Floor.
- Installation of Biometric Attendance System.
- Initiating Cash Card Payment System for patients.
- Renovation of Casualty.
- Improving patient waiting area with additional seating facilities.
- Faculty Appointment System for patients will be introduced.
- Installation of illuminated board for display of OPD schedule.
- OPD front elevation.

Additional Professor, AIIMS, New Delhi (Dr. RP Centre)

Feb, 20th 2000 – Sept 20th 2005

- 23, 10 KVA and 3, 40 KVA UPS systems were purchased for various areas of CN Centre for Rs. 74 lacs as against 1.5 crores asked by Engineering Department thereby saving 76 lacs for CN Centre
- Most modern and state of art 6 no. lifts were purchased and installed in CN Centre, for Rs. 96 lakhs from M/s Fuji Company as against offer of Rs. 1.32 crore of M/s OTIS thereby saving to the tune of Rs. 36 lacs to the Centre after initiating procurement process from stores of CN Centre

- Signage in CN Centre: Sign posting has been done in OPD and other areas for the convenience of patients thereby making CN Centre patient friendly.
- Modular filing system for Medical Records has been introduced.
- Coordination of Central A/c Project for timely completion, thereby, making all patient care areas comfortable.
- Streamlining of store functioning and timely payment of bills thereby making CN Centre vendor friendly.
- Introduction of New Attendant Pass System in order to check unauthorized visitors
- Streamlining of Engineering Service for repair and maintenance and introduction of concept of Preventive Maintenances.
- Provision of refrigerators in all the Private Ward Rooms of CN Centre thereby meeting basic requirements of patients and attendants.
- Provision of wall sceneries in Private Wards to look aesthetically good and break monotony.
- Additional waiting space has been created in OPD and other areas by providing more benches.

Associate Professor, AIIMS, New Delhi (July 1st 1998 – Feb 19th 2000)

- Computerization of patient care activities in AIIMS hospital.
- Patient's Revolving Fund System (PRF) has been created in AIIMS hospital to make available all the supplies to the patients who has to undergo operations in order to avoid inconvenience to the patients, reduced cost and ensure quality of the materials required.
- Member of the Committee to formulate rules and regulations for registration of the firms to streamline the procurement procedure and to weed out fictitious and dubious firms in order to bring healthy competition and quality stores.

Assistant Professor, AIIMS, New Delhi (Sept 20th 1993 – June 30th 1998)

Involved in the teaching of discipline of Hospital Management to post graduate students and others, research in Hospital Management, Management of vital hospital services like Hospital Stores, Hospital Communication System, Inpatient Areas and Imparting training to senior level health and hospital administrators including nursing administrators from all over the country. The following are few of the achievements:

Completed Projects:

- As faculty Incharge of AIIMS OPD brought out several changes in lay out and patient flow
- New Radio Paging System which is totally computerized, most modern and state of art technology has been installed and made functional
- Carried out critically study of stationary stores and introduced rationalization of procurement procedure in the stationary stores
- Development of D-6 emergency ward as a model ward and based on these all other wards developed in AIIMS hospital and centres on the same model. x

- Streamlining of casualty services and provision of screening area for casualty
- Streamlining of ambulance services – an amount of Rs. 71,000/- has been recovered from the manufacturers of M/s Mahindra Allwyn Nishan Co.
- Revision of consent form in view of Consumer Protection Act litigations to hospitals and health workers. The same has been implemented in AIIMS hospital as well as centres.
- Conceptualisation of new X-ray registration counter and introducing colour code scheme for various X-ray requisition forms
- Member of the Committee for developing curriculum for starting Post Graduate Orientation Course for new Junior Residents who joins AIIMS hospital.
- Nodal Officer for Pulse Polio Immunization Programme for the years 1996 to 1999. A total of 150 participants were deputed in an around Delhi from AIIMS.

Dy. Medical Superintendent, Govt. Medical College Hospital, Jammu
(July 17th 1990 - Sept 18th 1993)

- Disaster Plan of SMGS Hospital, Govt. Medical College, Jammu.
- Manpower requirements for Govt. Medical College, Jammu (750 beds).
- Commissioned Govt. Nursing Home, Part of Govt. Medical College Hospital Jammu and generated handsome revenue for the Govt. for its economic viability.
- Member of the Committee constituted to finalize modalities for commissioning of Govt. Medical College, Jammu.
- Instrumental in planning, designing and establishing Medical College Hospital, Jammu.
- Submitted a proposal to the Govt. for introducing charges in the hospital for various investigations and procedures which later on implemented in toto.
- Submitted a proposal to the Govt. for establishing Deptt. of Hospital Administration in Govt. Medical College, Jammu which is under active consideration by the Govt. of Jammu & Kashmir.
- Submitted a proposal to the Govt. for review of cadre for Hospital Administrators in Medical College and Associated hospitals in Jammu.

Other Services

- Enabled a **savings of Rs.1.11 crores** in the procurement of UPS systems and Lifts by adopting global tender and scientific materials management strategies.

- **New Radio Paging System**, which is totally computerized, most modern and state of art technology was installed and made functional at AIIMS.
- Carried out **critical study of stationary stores and introduced rationalization of procurement procedure** in the stationary stores at AIIMS.
- Development of **D-6 emergency ward at AIIMS as a model ward** and based on these, all other wards have been developed in AIIMS hospital and centres on the same model.
- **Streamlining of casualty services and provision of screening area for casualties** at AIIMS.
- **Streamlining of ambulance services at AIIMS** – An amount of Rs.71,000 was recovered from the manufacturers of M/s. Mahindra Allwyn Nishan Co.
- **Revision of consent form** in view of Consumer Protection Act litigations to hospital and against health workers. The same has been implemented in AIIMS hospital as well as Centers.
- **Conceptualization of new X-ray registration counter** and introduction of color code scheme for various X-ray requisition forms at AIIMS.
- Member of the Committee for **developing curriculum for starting Post Graduate Orientation Program for new Junior Residents** who join AIIMS hospital. The draft was submitted to the Dean, AIIMS.
- **Creation of Media Center at AIIMS** for organizing regular press briefings for true projection of AIIMS.

Assistant Surgeon, Directorate of Health Services, Jammu,

(June 26th 1989 - July 15th 1990)

After completion of Post – graduation in Hospital Administration, worked in the Directorate of Health Services, Jammu and assisted Director Health Services Jammu in the planning of District Hospital in order to bring uniformity and submitted following project reports:

- Functional requirements of District Hospital Complex, Doda, J & K (200-300 beds)
- Functional requirements of District Hospital Complex, Kathua, J & K (200-300 beds)
- Equipment requirements for a 30 bedded new Hospital Complex, Sarwal, Jammu
- Functional requirements for ANM's Hostel-cum-Teaching Complex, for district units for Jammu Province
- Functional Planning of 100 bedded General Hospital at Channi Himmat – Greater Jammu, Jammu

Resident Administrator, Dept. of Hospital Administration, AIIMS, New Delhi

(July 13th 1987 – June 28th 1989)

As Resident Administrator, was associated with administration of various areas of AIIMS Hospital on rotator basis. During two years tenure at AIIMS, I was actively involved in the working of stores.

Submitted thesis on “A Study of Purchase System and Management of Medical and Surgical Stores of Cardiothoracic and Neurosciences Centre”.

Also submitted four dissertations on:

- Hospital Staffing Norms
- Planning and Organisation of Hospital Dietary Services
- List of equipment with their approximate cost for a teaching Hospital with 750-1000 beds

- List of major equipment with their approximate cost for a specialitycentre like Cardiothoracic and Neurosciences.

Assistant Surgeon, J&K Health Services (July 10th 1981 – July 12th 1987)

- Curative, Preventive, Promotive and Rehabilitation services
- Management of functioning of Dispensary, Primary Health Centres and Primary Health Care under my supervision
- Held various posts at Dispensary, Block, District and State level
- Actively involved in patient care activities
- Experience in organizing and implementing National Health Programmes at block, district and state level
- Actively involved in organizing and implementing Family Planning and MCH activities
- Worked as Medical Officer, ICDS and organized various Nutrition and immunization programmes for mothers and children.

Administrative Experience

Chairman/ Co Chairman

- Chairman of the scientific committee (India) for research paper competition organized by All India Institute of Medical Sciences and American Association of Physicians of Indian Origin (AAPI, USA) on 29th December 2015 at JLN Auditorium, New Delhi, India.
- Expert committee for Formulation of **National Ambulance Code** for the country under Ministry of Road Transport &Highways (MoRTH), Govt of India. The document has been notified as **Automobile Industry Standard (AIS 125)** has been submitted by the Ministry.
- Appointed as the co-chairman of the Haemovigilance Advisory Committee (HAC) constituted by the Ministry of Health and Family Welfare, Govt of India to increase the reach of Haemovigilance Programme of India.
- Chairman, Scientific Working Group, Draft Hospital Infection Control Guidelines, AIIMS, New Delhi, 5 October 2011.
- Committee appointed by the MoRTH for developing technical specification for the designing of 70 Prototype Ambulances for the National Highways.
- Academy of Hospital Administration from 2009 to 2011.

Program Director

- Programme Director “15th Healthcare Executive Management Development Programme (HXMDP)” held from 18th to 24th February 2018 at Agra, India.
- Programme Director “2nd Lean Six Sigma Green Belt International Certification Program in Healthcare”, organized by Research Foundation of Hospital and Healthcare Administration (RFHHA) in collaboration with Varsigma Consulting Private Limited at Hotel Surya, Southex, New Delhi held from 12th to 14th February 2018.
- Programme Director for “Lean Six Sigma Green Belt Certification Program in Healthcare” organized by Research Foundation of Hospital and Healthcare Administration (RFHHA) held from 30th September 2017 to 2nd October 2017 at hotel Crown Plaza, New Delhi.
- Organizing Chairman for the Workshop on 14th Healthcare Executive Management Programme (HxMDP) and delivered wo lectures on Biomedical Equipment Management in Hospitals and Challenges before Hospital Administrators & Changing Role of Hospitals from 08th to 14th January, 2017 at Jaipur, Rajasthan, India.
- Programme Director of the capacity building management development programme series “**Healthcare Executive Management Development Programme**” (HxMDP) for senior healthcare professionals in collaboration with WHO (11programmes).
- Programme Director, CME on “Patient Safety” at Govt. Medical College, Jammu held on 20th August, 2011.
- Programme Director, Workshop on “National Initiative on Patient Safety” in collaboration with WHO – India office at India Habitat Centre, New Delhi from 17th to 19th August, 2011
- Programme Director, Workshop on “National Initiative on Patient Safety” in collaboration with WHO – India office held at India Habitat Centre, New Delhi 7th to 9th April,2011.

- Programme Director “**National Initiative for Patient Safety**” (NIPS), a series of workshops aimed to propagate the culture of patient safety across the nation by training the trainers (82 medical colleges, government and private hospitals).
- Programme Director for “**Best Procurement Practices for Hospitals**” a series of workshops aimed at disseminating good procurement practices to be followed in Hospitals.
- Principal Investigator for the Research work on the project entitled, Public Hospital Governance in the Asia Pacific Region: funded by WHO.
- Programme Director, Training Programme on Hospital Administration for Medical Superintendents, GDMOs, non-specialists of Coal India Ltd. held at IICM, Ranchi from 7–30 January 2008.
- Programme Director, “Healthcare Executive Management Development Programme” for Senior Healthcare Professionals, organised by Department of Hospital Administration, at Goa, 27–31 August 2007

President

- Founder President of Research Foundation of Hospital & Healthcare Administration (RFHHA), New Delhi which is a leading professional organization promoting research and training in the field of Hospital and Healthcare management.
- Mentored and guided more than 45 **thesis, 53 research projects, 136 dissertations in Hospital Administration** which included Patient safety, Quality in Hospitals, Infection Control and Planning & Designing of Hospitals in the Department at the All India Institute of Medical Sciences, New Delhi.
- **Founder President of the EMS Leaders forum**, with an aim of providing a common platform for convergence of the global think-tank in the field of Emergency Medical Services including Disaster management.
- **President and Editor-in-Chief** of International Journal of Research Foundation of Hospital and Healthcare Administration (RFHHA) being published twice a year.

Consultant

- UNOPS Asia Office to study “Procurement & Supply Management System” being adopted by Ministry of Health & Family Welfare, Govt of India and based on his recommendations the Govt of India received 129 million dollars for HIV and TB programme from The Global Fund to Fight AIDS, Tuberculosis.
- Appointed as the Expert Consultant by Ministry of External Affairs, Govt. of India for establishment of 2 hospitals in Bhutan and Indo-Nepal Maitri Emergency & Trauma Centre in Nepal. Instrumental in conceptualizing the Bhutan Institute of Medical Sciences, Bhutan. The centre has been inaugurated by Hon’ble Prime Minister on 25th November 2014.
- Working Group on **Emergency Care relating to Road Safety** under Ministry of Road Transport & Highways, Govt of India 2011.
- WHO Consultant to Nepal to study healthcare infrastructure and suggest remedial measures for capacity building of Human resources for Health.

- Appointed as Hony. Consultant to Government of Goa to study healthcare infrastructure and to suggest a roadmap and to advice the Government on how to make best utilization of existing infrastructure available with Health Department.
- Appointed Honorary consultant to the Department of Health and Family Welfare, Government of Tripura to study health system including various hospitals, identify the gaps and suggest recommendations for improvement.
- Appointed as Honorary Consultant to the Department of Health and Family Welfare, Government of Tripura for studying Health System and Proposed Recommendations for Improvement.
- Appointed as WHO Consultant for the preparation of “Module for Implementation of Electronic Medical Records” in speciality hospitals in India.
- Consultant by WHO for Development of Training Module on Hospital Management Training, Kathmandu, Nepal from 16th to 24th November, 2008.
- Appointed as Honorary Consultant for Hospital Projects/ Equipment Planning and Procurement for Govt. Medical College and Associated Hospitals, Jammu by Health and Medical Education Department, Chief Secretariat, Srinagar, Govt.of J & K in October, 2008.
- Appointed WHO Consultant for the preparation of “Module for Implementation of Electronic Medical Records” in Specialty hospitals in India.
- Appointed as WHO Consultant for the preparation of “Module for Implementation of Electronic Medical Records” in specialty hospitals in India.
- Consultant, WHO, Development of Training Module on Hospital Management Training, Kathmandu, Nepal, 16–24 November 2008.

Member of Expert Committees

1. Member of the Expert Committee constituted by Ministry of Health & Family Welfare and National Disaster Management Authority to assess damage of equipment in various hospital due flood at J&K state. Based on the recommendations, PMO has sanctioned Rs.175 crore for replacement of equipment at the earliest and make the hospitals functional.
2. Selected as an expert for the Bid Evaluation Committee meeting for selection of EPC Developer for construction of residential complex for six AIIMS like institutions, under PMSSY, 27th to 29th August, 2007.
3. Appointed Inspector by Medical Council of India for recognition of Medical Colleges for starting Postgraduate Programme in Hospital Administration (MD).
4. Nominated by National Human Rights Commission member of the group of experts to study the existing system for Emergency Medical Services in India and to suggest appropriate models of Emergency Medical Services, which should be developed by different states/ union territories. The report has been approved by all the members of

NHRC and directions issued to all the State Governments and Union Territories for implementation.

5. Member of the committee at Bureau of Indian Standards for Developing Indian Standards for hospital Equipment Management (MSD) 8 (82). Standards have been published.
6. Member of the panel at Bureau of Indian Standards for developing quality assurance standards for patients care services (MSD 8:3/p-1). Standards have been published.
7. Member of the Health Review Committee of Punjab Health Systems Corporation constituted by Planning Board, Govt. of Punjab
8. Member, Project Monitoring Committee for six AIIMS like Institutions and upgradation of Medical Colleges in India
9. Member of the selection committee for the post of Assistant Professor, Hospital Administration, PGIMER, Chandigarh, October, 2007
10. Member of the Expert Committee meeting for preparation of the modules on Patient Safety and Infection Control (PSIC) by Indira Gandhi National Open University, New Delhi in October, 2008.
11. Member of the Expert Group for developing a model Hospital Disaster Management Plan Template for Delhi region by National Institute of Disaster Management IP Estate, New Delhi in September, 2008.
12. Expert Member of the High Powered Selection Committee for selection of the Medical Superintendent, PGIMS, Rohtak on 23rd November 2010.
13. Expert Member of the Selection Committee for selection of Medical Superintendents for Shaheed Hasan Khan Govt. Medical College, Mewat and Govt. Medical College for Women, Khanpur, Kalan for which interviews were held at Pt. B.D. Sharma University of health Sciences, Rohtak, Haryana
14. Member of Committee for Preparation of Results Framework Documents (RFDs) for AIIMS. The Draft has been finalized and submitted to AIIMS and MOHFW, Govt. of India
15. Member of the Expert Advisory Committee on Ophthalmology for establishing centre of excellence of ophthalmology at six new AIIMS set up at Bhopal, Bhubneswar, Jodhpur, Patna, Raipur & Rishikesh.
16. Member of C-II National Committee on Healthcare for the year 2013-2014, 2014- 15, 2015 -16 and contribute in shaping the agenda for the Healthcare Sector
17. Member of the Expert Advisory committee for the proposed five programmes – Pharmacovigilance, Haemovigilance, Bio-vigilance, Materiovigilance and Anti Microbial Resistance to be implemented under the Pharmacovigilance Programme of India (PvPI)

during the 12th Five Year Plan (2012- 2017), DGHS, CDSCO, Ministry of Health & Family Welfare, Govt. of India.

18. Member of the Constituted Committee to frame specifications, estimated cost and requirements for furniture for six new AIIMS under the chairmanship of the Director, AIIMS, Bhopal.
19. Representative member in Specialized Projects Sectional Committee of Bureau of Indian Standards to represent AIIMS, 2013.
20. Member of the committee formed by the Ministry of Home Affairs, Government of India for preparation of the curriculum for in-service training of hospital managers and professionals for mass casualty management and introduction of emergency health management in the MBBS curriculum being conducted by the Rajiv Gandhi University of Health Sciences, Karnataka at Bangalore (2005).
21. Nominated a member of the committee constituted by the Ministry of Health and Family Welfare, Government of India for the preparation of training modules for inservice training of hospital managers and professionals being conducted by the Directorate General of Health Services (Emergency Medical Relief) at Safdarjung Hospital, New Delhi
22. Member of the Project Management Committee constituted by Ministry of External Affairs, Government of India, for establishing 200 bedded Trauma Centre at Kathmandu Nepal.
23. Appointed as member of the CII Core Committee on Healthcare for North Eastern Region, India.
24. Member of the Expert Advisory Committee for the proposed five programmes – Pharmacovigilance, Hemovigilance, Biovigilance, Materiovigilance and Antimicrobial Resistance to be implemented under the Pharmacovigilance Programme of India (PvPI) during the 12th five-year plan (2012 – 2017), DGHS, CDSCO, Ministry of Health and Family Welfare, Govt of India.
25. Member of the core Committee of experts on survey of extent of the problems of spurious and not of Standard Quality Drugs in the country, August 2014.
26. Member of Expert Advisory Committee on Ophthalmology for six new AIIMS set up at Bhopal, Bhubneswar, Jodhpur, Patna, Raipur & Rishikesh.
27. Member for developing terms & conditions of contact for Modular OT, Medical Gas Pipe Line and CSSD systems at AIIMS, Rishikesh April, 2013.
28. Member, Technical Committee for training on equipment, machinery and other patient care items being procured under PMSSY.
29. Assisting recruitment for Group C posts at AIIMS Patna.
30. Member of C-II National Committee on Healthcare for the year 2013-14 and contributed in shaping the agenda for the Healthcare Sector.
31. Member, Expert Advisory committee for the proposed five programmes— Pharmacovigilance, Haemovigilance, Bio-vigilance, Materiovigilance and Antimicrobial Resistance to be implemented under the Pharmacovigilance Programme of India (PvPI) during the 12th Five Year Plan (2012-17), DGHS, CDSCO, Ministry of Health & Family Welfare, Govt. of India.

32. Member of the Technical Specification Committee for procurement of 90 BLS and 10 ALS Ambulances to be procured for CATS, Govt of India.
33. Resource Faculty for the 2nd International Fellowship Programme on Health Technology Assessment (HTA) from 3rd to 4th April, 2013 at Chennai.
34. Member of the Constituted Committee to frame specifications, estimated cost and requirements for items for six new AIIMS under the chairmanship of the Director, AIIMS, Bhopal.
35. Member of the final meeting of Health Review Committee (HRC) of the Punjab Health Systems Corporation, State Institute of Health & Family Welfare under the chairmanship of Prof. J.S. Bajaj, Hon'ble Vice Chairman, Planning Board cum Chairman Review Committee on September 19, 2009 at Chandigarh.
36. Member of the Expert Advisory Committee on Ophthalmology for six new AIIMS being set up at Bhopal, Bhubaneswar, Jodhpur, Patna, Raipur, and Rishikesh under PMSSY.
37. Member of Committee for Preparation of Results Framework Documents (RFDs) for AIIMS. The Draft has been finalized and submitted to Ministry of Health and Family Welfare, Government of India.
38. Expert, Selection Committee for selection of Medical Superintendents for Shaheed Hasan Khan Govt. Medical College, Mewat and Govt. Medical College for Women, Khanpur, Kalan.
39. Leader of delegation, Ministry of External Affairs, to conduct workshop for developing the course curriculum of MBBS students for Bhutan Institute of Medical Sciences, Thimpu, Bhutan. The syllabus has been prepared by experts from AIIMS.
40. Expert Member of the Selection Committee for selection of Medical Superintendent for Shaheed Hasan Khan Mewat, Govt. Medical College, Nalhar and BPS Govt. Medical College for Women, Khanpur, Kalan at Pt. B.D. Sharma University of health Sciences, Rohtak, Haryana
41. Expert Member of the committee under the Chairmanship of DGHS to discuss recommendations made by the CII, National Health Council for the Indian Healthcare sector.
42. Expert Member of the Technical Expert Committee on "Proposed Medical College and Rajan Babu Institute for Pulmonary Medicine and Tuberculosis premises."
43. Expert Member of the High Powered Selection Committee for selection of the Medical Superintendent and Assistant Prof, PGIMS, Rohtak.
44. Member; Expert Committee for preparation of the modules on Patient Safety and Infection Control (PSIC); Indira Gandhi National Open University, New Delhi October, 2008.
45. Member Expert Group for developing a model Hospital Disaster Management Plan Template for Delhi region by National Institute of Disaster Management, IP Estate, New Delhi September, 2008.
46. Expert for the Bid Evaluation Committee meeting for selection of EPC Developer for construction of residential complex for six AIIMS like institutions, under PMSSY, 27–29 August 2007.
47. Member of the selection committee for the post of Assistant Professor, Hospital Administration, PGIMER, Chandigarh, October 2007.

48. Member of the Academic Council of Jammu University for the triennial period (2006–2009)
49. Member of the Health Review Committee of Punjab Health Systems Corporation constituted by Planning Board, Govt. of Punjab.
50. Member, Project Monitoring Committee for six AIIMS like Institutions and upgradation of Medical Colleges in India.
51. Member, Expert Committee for upgradation of National Referral Hospital at Thimpu and Regional Referral Hospital at Monger, Bhutan.
52. Member, Expert Committee constituted by Ministry of Health and Family Welfare, Government of India regarding establishing Six AIIMS like Institutions and upgradation of 13 Medical colleges under Pradhan Mantri Swasthya Suraksha Yojna.
53. Task Force on Health Sector Reforms for the State of J&K under the Chairmanship of Chief Minister, J&K to improve healthcare delivery in J&K state.
54. Expert Group for establishing AIIMS like Institutions in the country. Total project cost was Rs.1200 crore.
55. Expert member of the committee for providing technical consultancy for establishing Emergency Medical Service System including procurement of 937 ambulances under NRHM, Govt of Maharashtra state.
56. Member of the Expert group constituted by National Human Rights Commission to study the existing emergency medical services in the country and suggest recommendations for improvement.
57. Expert group member “Road Transport and Human Resources Management” under the working group on Road Transport constituted by the Planning Commission for the formulation of the Twelfth Five Year Plan (2012-2017).
58. Working group for the development of the National Action Plan for Hospital Safety constituted by the National Disaster Management Authority, GOI, New Delhi.
59. Member of delegation for establishment of Haemovigilance system and to conduct CME ON Haemovigilance in Bhutan from 7th November to 11th November, 2016.
60. Member of the Advisory Board of “PGDM & PGP Healthcare Management Programs” conducted by Prin. L. N. Welingker Institute of Management Development and Research (WeSchool), Mumbai, 26th August, 2014.
61. Nominated a Member of the Advisory Board of Welingkar Institute of Management Development and Research, Mumbai.
62. Expert Member for up gradation of Nizam Institute of Medical Sciences under Pradhan Mantri Swasthya Suraksha Yojna (PMSSY) Member, Staff Council, AIIMS for the year 2007-08.
63. Expert member for the selection of Dy. Head operations (Medical) on 1st March, 2016 at the Institute of Liver and Biliary Sciences, New Delhi, India
64. Expert Member for selection of Head of Hospital Operations and Dy. Head of Operations, Institute of Liver and Biliary Sciences, Govt. of NCT of Delhi
65. Member for the Short course in Pharmacoeconomics -Evidence, Money & Drug Selection from February 6th – 16, 2002 at New Delhi & Jaipur, India organized by Delhi Society for Promotion of Rational use of Drugs, the University of Birmingham UK, University of Sydney Australia & University of New Castle Australia, World Health Organisation

- Collaborating Center in Pharmacotherapy & Rational Drug Use sponsored by World Health Organisation.
66. Member of the Core-Group for Developing Curriculum for Diploma Course in Health and Environment for Medical and Allied Health Professionals sponsored by ACTS Ministries, Bangalore in collaboration with School of Health Sciences, Indira Gandhi National Open University, New Delhi. Course already commenced.
 67. Member of the Academic Council of Jammu University for the triennial period (2006-2009)
 68. Member, working group on clinical establishments, professional services regulations and accreditation of health care infrastructure, constituted by the Planning Commission of India for the 11th five-year plan (2007-2012)
 69. Member of the Institutional Advisory Authority (IAA) of BP Koirala Institute of Health Sciences (BPKIHS) in January, 2009
 70. Member of the expert team from AIIMS for setting up Medical College in Thimpu, Bhutan by Ministry of External Affairs, Govt. of India in December, 2008
 71. Expert Member in Academic Programmes and Course Curriculum on Health Care Engineering at DCR University of Science and Technology, Haryana in December, 2008
 72. Member of the Task Force on Health Sector Reforms for the state of J & K constituted by Govt. of Jammu & Kashmir under the chairmanship of Hon'ble Chief Minister, J & K.
 73. Member of the expert team for providing technical consultancy establishing EMS system under National Rural Health Mission, Govt. of Maharashtra
 74. Member for developing terms & conditions of contact for Modular OT, Medical Gas Pipe Line and CSSD systems for AIIMS like Institutions,
 75. External expert Member at AIIMS, Patna for recruitment for Group-C posts at AIIMS Patna
 76. Member of the Faculty of Medical Sciences, University of Jammu for the triennial period of 2015-2018.
 77. Member of Board of Advisors of Centre for Health Systems Innovation at Oklahoma, University Spears School of Business, Oklahoma, USA.
 78. Member of the Working Group for development of the National Action Plan for Hospital Safety constituted by National Disaster Management Authority, Govt. of India.
 79. Member, Sub-Group on 'Road Transport and Human Resource Management' under the working group on Road Transport constituted by the Planning Commission for the Formulation of Twelfth Five-year Plan (2012-17).
 80. Member of Board of Studies for the Master of Hospital Administration of the Siksha 'O' Anusandhan University, Bhubaneswar.
 81. Member of the Project Implementation Authority (PIA) for Bhutan Institute of Medical Sciences, Thimpu, Bhutan.
 82. Member of Governing Council of National Accreditation Board for Hospitals and Healthcare Providers (NABH), Quality Council of India.
 83. Expert Member for preparing Hospital Infection Control Policy including; antimicrobial resistance monitoring under the chairmanship of DGHS.
 84. Member of Institutional Advisory Authority (IAA); B.P. Koirala Institute of Health Sciences (BPKIHS), January 2009 at Nepal.

85. Expert in Academic Programmes and Course Curriculum on Healthcare Engineering, DCR University of Science and Technology, Haryana, December 2008.
86. Member, Staff Council, AIIMS for the year 2007–08.
87. Member for revision of syllabus for PG diploma in Hospital Management, RGSC, Barkachha under Banaras Hindu University.

Fellowship/Membership of National and International Scientific Societies

- Fellow of Academy of Hospital Administration (2009)
- Fellow of International Medical Sciences Academy
- President, of Academy of Hospital Administration for the year 2011-2012
- WHO fellowship of 3 months duration at USA to study Accident and Emergency Services with respect to pre hospital care and transportation, physical facilities, organizational structure and staffing at different levels and role of various agencies involved in coordination and communication in providing Accident and Emergency Services, feasibility of having an independent self-sufficient Emergency Medicine as a separate specialty which will serve as a role model for other hospitals of the country.
- Elected Distinguished Fellow of Institute of Hospital Engineers, Chandigarh.
- Elected Fellow of the National Academy of Medical Sciences (MNAMS)
- Elected as President, Academy of Hospital Administration
- Elected Fellow of International Medical Sciences Academy, New Delhi on 14th January, 2011
- Life Member Academy of Hospital Administration, New Delhi.
- Member Academic Committee AIIMS, New Delhi (2002-2003)
- Life Member Indian Hospital Association, New Delhi.
- Member of the National Academy of Medical Sciences, India
- Member of the FICCI Health Services National Committee, India.
- Member of the FICCI Health Insurance Committee, India
- Founder Member Indian Society for Emergency Medicine, Hyderabad.
- Life Member Federation of Hospital Administrators of India – Madhurai.
- Member, Governing Council of NABH for 2012 – 2013.

Organizing Chairman/ Secretary/ Convener of Conferences, CMEs, Seminars & Workshops

- 1) Chairman for **Seventeen Healthcare Executive Management Development Programmes** organized for National and International Senior healthcare professionals. More than 1000 senior professionals have been trained.
- 2) Chairman, International Conference on **Emergency Medical Service Systems- (EMS-2012)** and delivered lectures on R&D in Ambulance Design in India & Current Scenario of EMS in India from 9th to 11th February, 2012 at AIIMS, New Delhi.
- 3) International Conference on **“Recent Advances and Future Trends in Healthcare Infrastructure and Medical Technology (HIMT-2011)** in collaboration with World Health Organization (WHO), School of Planning and Architecture (SPA), The Indian Institute of Architects (NC) and Academy of Hospital Administration (AHA), 2– 5 February 2011 at AIIMS, New Delhi.
- 4) Chairperson for the conference on **“Patient Safety” at SKIMS, Srinagar Jammu and Kashmir** from 26th to 27th March, 2011.
- 5) Co-chairperson the Session on **“Emergency Medicine & Trauma”** at Focus on India - **Global Healthcare Submit** organized by American Association of Physicians of Indian Origin & Indian Medical Association held on 2nd & 3rd January, 2010 at Maurya Sheraton, New Delhi.
- 6) A **“National Consultation on Public-Private Partnerships for Healthcare - Challenges and Opportunities”**, was organized in collaboration with the WHO – India Office on 13 April 2010 at AIIMS, New Delhi.
- 7) **“Emerging Issue, Challenges and Strategies” – A CME** was organised at Leh in July 2010, for the benefit of the doctors working in the remote region the country.
- 8) **National Seminar & Workshop on Operations Research** in Hospital Administration in collaboration with WHO in August 2009, first time ever in Asia.
- 9) CME on **“Laws applicable to Hospitals”** was organised at AIIMS in March 2009.
- 10) Chairman, ‘Laws applicable to hospitals’, Department of Hospital Administration, AIIMS in collaboration with Christian Medical Association, New Delhi; AIIMS, New Delhi; March 2009.
- 11) Chairman, for **Recent Advances in Disinfection and Sterilization Practices “STERRICON-2008**, for doctors, residents and nurses of AIIMS, organized by Department of Hospital Administration, AIIMS, New Delhi on 16 February 2008.
- 12) Chairman for workshop on **Attitudinal Change and Communication Change** for resident doctors, faculty and nursing staff of AIIMS was organized in October 2007.
- 13) South Asian Conference on **Synergy in Healthcare (SASHCON)- 2005** at Paro, Bhutan.
- 14) International Conference on trends in Healthcare Facilities – **Hospitrends – 2002 at Goa**
- 15) **Integrating Hospitals safe from Disasters – A CME** to educate the hospital administrators and engineers of Jammu and Kashmir, on hospital safety during disasters was organized at Jammu.

- 16) CME on “**Legal and Ethical Issues in Medical Practice**” was organized at AIIMS in April 2008.
- 17) Recent Advances in **Disinfection and Sterilization Practices (Sterricon – 2008)** – A CME was organised at AIIMS in Feb 2008.
- 18) Chairman, South Asian Conference, ‘**Synergy in healthcare (SASHCON)**, in collaboration with WHO and in association with The Indian Institute of Architects and the School of Planning and Architecture, New Delhi; 3–6 November 2008.
- 19) Organized CME on **Legal and Ethical Issues in Medical Practice** and delivered lectures on multiple topics including Leadership – A Perspective, Public Private Partnership and Outsourcing, Equipment Management – Issues, Challenges and Strategies, Inventory Management, Principles and Logistics of Disaster Management during 2nd Healthcare Executive Management Development Programme organized by Department of Hospital Administration in collaboration with WHO India Office at Goa on April 14th, 2008.
- 20) Chairman, for **Recent Advances in Disinfection and Sterilization Practices “STERRICON-2008”**, for doctors, residents and nurses of AIIMS, organized by Department of Hospital Administration, AIIMS, New Delhi on 16 February 2008.
- 21) Organised a public lecture on “**Role of Information Technology in Healthcare – Merits and Limits**”, at AIIMS, November 2007.
- 22) Organised a Seminar on “**Medical Records, Medical Audit and Consumer Protection Act and its implications**” for Medical Record Officers, Medical Record Technicians, Nursing Officers of AIIMS, April 2007.
- 23) Workshop on **Attitudinal Change and Communication Change for resident doctors, faculty and nursing staff of AIIMS** was organized in October 2007.
- 24) **Organized** Public lecture on RTI Act, by Hon’ble Sri Wajahat Habibullah, Chief Information Commissioner, India, AIIMS, New Delhi on 24th March 2007.
- 25) Chief organizer for the **International Conference on ‘Planning and Designing of Health Care Facilities’, HEALTHARCHCON** and delivered lecture on Outsourcing and public private partnership-an essential requisite for effective patient care in the international conference on “Planning and Designing of Healthcare Facilities”, (HEALTHARCHON) at Goa; 15-17, September 2006.
- 26) A seminar on **Value Based Project Management** was also organized by the department.
- 27) A seminar on **Right to Information Act** was also organized by the department
- 28) A conference on **Best Practices in Hospital Stores, Logistics & Inventory management** was organized.
- 29) International Conference on **Emergency Medical Services Systems (EMS’98)**, 12-15 October 1998, AIIMS, New Delhi
- 30) **Hospital Equipment Appliances & Technology – HEAT 1997** in AIIMS New Delhi
- 31) Understanding Financial Management can help Hospital Administrators in better decision making. An effort was made in this regard by organizing **Concepts in Financial Management for Medical Administrators**.
- 32) **Managing Quality in Hospital Services** – this conference was organized to enumerate the importance and essentiality of Quality Management Systems in Hospitals.

Conferences, Seminars, CME, Workshops Attended and Lectures Delivered

- 1) Delivered lecture on “Challenges before Hospital Administrators & Changing Role of Hospitals”, “Biomedical Equipment Management: Issues, Challenges and Strategies” and “Ayushman Bharat- PMJAY: A Game Changer for Indian Healthcare System” at the 17th Healthcare Executive Management Development Programme (HxMDP) organized by Department of Hospital Administration, AIIMS, New Delhi from 01 - 07 March 2020 at Pride Sun Village Resort, Goa, India.
- 2) Delivered guest lecture on “Challenges in Hospital Administration” in the 68th Armed Forces Medical Conference 2020 from 5-7th, February, 2020 at AFMC, Pune.
- 3) Delivered keynote address on “Quality and patient safety in healthcare institutions – creating culture of CQI” in Dr RP Centre, AIIMS, New Delhi and chaired panel discussion on Violence against healthcare professionals” at the CME on Cornea, Cataract, Refractive Surgery & Hospital Administration on July 27th 2019 at Baranagar, Nepal organized by Nepal Netra Jyoti Sangh, ERECP, Biratnagar Eye Hospital, Nepal.
- 4) Invited as guest faculty and delivered two lectures on “Challenges in Hospital Administration & the Way Ahead” and “Quality and Patient Safety in Healthcare institutions- An inescapable necessity” on 17th July 2019 at MTI Steel Authority of India Limited (SAIL), Shyamali, Ranchi, Jharkhand, India.
- 5) Delivered lecture on “Healthcare Improvement at Tertiary Care Ophthalmology Centre in India” during the 26th Annual Conference of the International Association for Applied Management held from July 11-13, 2019 at Holiday Inn London Kensington Forum, London, England.
- 6) Delivered lecture on **Quality and Patient Safety in Healthcare institutions- An Inescapable Necessity** at Medical College, Jammu on 16th March 2019.
- 7) Guest of Honor at the Pharmacoeconomics Workshop titled,” Integrating Methods of Pharmacoeconomics to accelerate Transformation of Healthcare in India and delivered lecture on **Importance of Pharmacokinetics in Government Hospitals** and chaired panel discussion on Procurement: Pharmacoeconomics Principles & Best Practices at India Habitat Centre, New Delhi on 12th March 2019.
- 8) Delivered lecture at the 16th Healthcare Executive Management Development Programme from 2nd to 9th February, Mysuru, Karnataka.
- 9) Attended 2nd Meeting between NMDC committee and Peer review consultants on 16th January 2019 at Hyderabad.
- 10) Attended Research Workshop on Healthcare Improvement & Innovation held from 18th to 20th November 2018 at Kaula Lumpur, Malaysia.
- 11) Attended International Conference on Medical & Health Sciences in Bhutan from 9th to 11th November 2018.

- 12) Attended the Conference on Hospital and Healthcare Administration from 26th to 27th October 2018 at Kozhikode, Kerala.
- 13) Attended Board meeting along with Quality Conclave on Ayushman Bharat from 8th to 10th August 2018 at BHU, Varanasi.
- 14) Attended and Chaired the annual conference of International Association for Applied Management held from 17th to 19th July 2018 at Las Vegas, Nevada, USA.
- 15) 3rd Lean Six Sigma Green Belt International Program in Healthcare at Hotel Surya South Ex, New Delhi from 22nd to 24th June 2018.
- 16) Attended and delivered lectures in the CME on **Exploring the New Frontiers in Hospital Management** organized by Nepal Netra Jyoti Sangh Britnagar Eye Hospital, Biratnagar, Nepal on 28th April, 2018.
- 17) Attended CME on Future on Healthcare Gen Next and Guest of Honor for Inauguration of Indo US Academy of Health and Hospital Administration at Hyderabad on 21st April 2018.
- 18) Attended Grand Finale of Healers of India Awards at Taj Palace on 19th April, 2018.
- 19) Invited to “CME on Future of Healthcare Gen. Next” as Guest of Honor for inauguration of “Indo US Academy of Health and Hospital Administration” at Hyderabad on 15th April, 2018.
- 20) Attended the Symposium on Pharmacologists in Indian Healthcare System, Director’s Board Room, AIIMS, New Delhi on 15th April, 2018.
- 21) Attended CII Regional Life sciences Summit 2018 at India Habitat Centre, New Delhi on 13th April, 2018.
- 22) Speaker “International Conference on Best Practices in Health Care – Management” in Bangalore on 8th and 9th March 2018.
- 23) 2nd National Conclave on Virtual Teaching, Dr Ramalingaswami Board Room on 8th and 9th February 2018, AIIMS, New Delhi.
- 24) Six Sigma Healthcare Summit 2017– Leaders Who Inspire Healthcare delivered lecture on Inspiring story of AIIMS, New Delhi organized by Six Sigma Star Healthcare Private limited at Taj Palace Hotel on 23rd December 2017, New Delhi.
- 25) Speaker 3rd International Conference on Medical and Health Sciences- 2017 organized by Khesar Gyalpo University of Medical Sciences of Bhutan (KGUMSB) held from 3rd to 5th November 2017 at Thimpu, Bhutan and delivered lecture on “Quality and Patient Safety in Healthcare Institutions – An Inescapable Necessity”.
- 26) National Conference on Recent Advances and Future Trends in Healthcare”(RAFTHCON) organized by Sher I Kashmir Institute of Medical Sciences (SKIMS) at Sher I Kashmir International Convention Centre (SKICC) from 13th to 15th October, 2017. Moderator for the session on “Future of Healthcare- GenNext” and

- delivered a lecture on “Quality & Patient Safety in Healthcare Institutions -Errors in Emergency Department”.
- 27) Chief Guest, “National Conference on Hospital and Healthcare Administration” (HEAL-2017) and delivered keynote address on Innovations and Entrepreneurship in Healthcare: Way Forward at Baby Memorial Hospital, Kozhikode, Calicut from 6th to 7th October 2017.
 - 28) 2nd Annual Max Healthcare Patient Safety Conference on “Building the Future for Patient Safety” organized by Max Healthcare held from 22nd to 23rd September 2017 at New Delhi, India and delivered lecture on “Quality and Patient Care Safety- Errors in Emergency Rooms”.
 - 29) 4th Annual Northeast Healthcare Summit organized by Alaphra Group at Radisson Blu Hotel, Guwahati, Assam from 14th to 16th September 2017 and delivered lectures on “Patient Safety- The Evolution and its Role in Modern Medicine” and “Planning and Designing a Patient Safe Hospital”.
 - 30) “10th Medical Technology Conference” organized by Confederation of India Industry (CII) on 7th September 2017 at hotel ITC Maurya, Diplomatic Enclave, New Delhi.
 - 31) Key Resource Person, “Unlocking India’s Potential in Biomedical Science & Innovation to Improve Health Care in India and for the World: A Multi-Stakeholder Roundtable”, convened by PSM India in collaboration with the Partnership to Fight Chronic Disease (PFCDD) and the Indian Alliance of Patient Groups (IAPG) on 4th August 2017 at India International Center, New Delhi.
 - 32) “2nd J&K Medical Science Congress and 1st Annual Conference of Metabolic Syndrome Prediabetes Polycystic Ovary Syndrome Society” (MP PCOS CON 2017) organized by Sher I Kashmir Institute of Medical Sciences (SKIMS), at Sher I Kashmir International Convention Centre (SKICC), Srinagar held from 10th-13th May 2017 and delivered lecture on “Status of Accident and Emergency Services in India: The Road Ahead”.
 - 33) Attended the Annual Patient Safety Conference on “Teams that Chase Zero” from 30th April to 1st May, 2017 by Max Healthcare at New Delhi.
 - 34) Expert member in one-day Workshop on e-procurement and Drug, Vaccine Distribution & Management System (e-Anshadhi) organized by Jammu & Kashmir Medical Supplies Corporation Limited (JKMSCL) held on 20th April, 2017 at Jammu and delivered lecture on “Best Procurement Practices”.
 - 35) Attended the 4th NATHEALTH Annual Event NATE-2017, at Shangri-La’s – Eros Hotel, New Delhi on 24th March, 2017.
 - 36) Attended the 18th Board Meeting-Patient Safety & Access Initiative of India Foundation, at India Habitat Centre on 28th February, 2017.
 - 37) Delivered lecture on Quality and Patient safety: A hospital Administrator’s Perspective at the conference on Current Trends in Public Health and Hospital Administration – Medallion 2017 from 17th and 18th February, 2017 at Kottayam, Kerala.

- 38) Participated and delivered lecture at the 14th Healthcare Executive Management Development Programme (HxMDP) 8th to 14th January, 2017, Jaipur, Rajasthan, India.
- 39) International Research Competition by American Association of Physicians of Indian Origin (AAPI), in collaboration with Rajasthan University of Health Sciences, RNT Medical College, Udaipur and AIIMS Delhi, on 28th December 2016, at RNT Medical College, Udaipur, India.
- 40) Attended the Xth Indian Medtech Summit 2016 held on 3rd December, 2016 at Mahika Hall, Prithvi Bhawan, New Delhi.
- 41) Chief Guest for the Four Days Workshop on the Lot Release System of National Institute of Biologicals (NIB) and learn the Lot Release Procedures of various “Vaccines and Biological” on 29th November, 2016 at NIB, Noida.
- 42) Attended Advisory Board meeting on Wellingkar Institute of Management Development and Research on 22nd November, 2016 at Mumbai.
- 43) Member of delegation for establishment of Haemovigilance system and to conduct CME on Haemovigilance in Thimpu, Bhutan from 7th to 11th November, 2016.
- 44) Participated in the 6th International Patient Safety Congress – 2016 at ITC Grand Chola, Chennai, India from 21st to 22nd October, 2016 and chaired the Session on Patient Safety in Public Sector Hospitals.
- 45) Participated as External Examiner for MD (Medical Administration) Part II Examination from 1st to 5th August, 2016 at University of Colombo, Srilanka.
- 46) Participated as a Guest of Honor at 34th Annual AAPI Convention from 30th June to 3rd July, 2016 at Hotel Marriott, Times Square, Manhattan, New York, USA.
- 47) Attended as Guest of Honour and delivered lecture on “Hospital Administration Issues, Challenges and Role of Hospital Administrator” in the Medallion International Conference on Current Trends in Public Health and Hospital Administration on 26th February, 2016, organized by Division of Health Management, School of Medical Education, M.G. University, Kottayam, Kerala.
- 48) Delivered a keynote address on Smart Hospitals: Generation Next during the International Conference on Smart Hospitals of Tomorrow on 18th to 19th February 2016 at New Delhi, India.
- 49) Attended meeting of the Health Services National committee on 18th January 2016 at FICCI, Federation House, New Delhi regarding recommendations on Draft National Health policy, National Electronic Health Record Standards, Development of STGs, Development of Clinical Pathways for RSBY and Task Force on Health Data Repository.

- 50) Attended the WESCHOOL-PGDM Healthcare as member of the Advisory Board meeting for the Healthcare management programme on December 14, 2015 at Welingkar Institute of Magement Development and Research. Mumbai, India.
- 51) Attended and delivered lecture on “Bio medical Equipment Management- Issues, Challenges and Strategies” at the National Conference on Healthcare Excellence through administration and Leadership (HEAL) held on 20th to 21st November, 2015 at Baby Memorial Hospital, Kozhikode, Kerala.
- 52) Attended and chaired session on Bio Medical Waste Culture and Cleanliness in Division and Social Perspectives, in the International Conference on Hospital Waste Management and Infection Control organized jointly by AIIMS and Indian Society of Hospital Waste Management from 14th to 15th November, 2015.
- 53) Invited as Guest of Honour and delivered keynote address on “Public Hospital Governance in India: A study of All India Institute of Medical Sciences, New Delhi” at the International conference on “Health FIRST Management Summit-2015” organized by the Department of Health and Hospital Management, Institute of Business Management from 30th October to 3rd November 2015 Karachi, Pakistan.
- 54) Attended the Expert Group Meeting on Enhanced Integration of Primary Health Systems and Patient Empowerment Through Improved Continuity of Patient Care and Clinical Handover- Development Phase I on 12th October 2015 at India Habitat Centre, New Delhi.
- 55) Delivered a keynote address on Challenges before Hospital Administrators and Changing Role of Hospitals in the 12th Healthcare Executive Management Development Programme (HxMDP) from 4th to 10th October, 2015 at Hyderabad, India.
- 56) Attended and delivered lecture on Promoting Safe Blood Transfusion Practices- Role of Hospital Transfusion Committee and Haemovigilance Nurse in the National consultation on Improving ACCESS to Quality Healthcare through Universal Health Coverage: Varanasi Initiative, 2015 from 9th to 11th August, 2015 at Varanasi, UP, India.
- 57) Attended and delivered a lecture on Patient Safety Initiatives in India and Role of World Health Organization in the Conference on Patient Safety and Drug Regulatory Scenario in India organized by partnership for safe medicines (PSM), India initiative in collaboration with Government of India and Government of Jammu and Kashmir on 20th May, 2015 at University of Kashmir, Srinagar, Jammu and Kashmir, India.
- 58) Delivered a lecture on Sanitation and Housekeeping Practices at AIIMS: A case study in the conference on clean India organized by Clean India Journal in collaboration with Municipal Corporation, Ministry of Tourism, Government of Madhya Pradesh and federation of Madhya Pradesh, chamber of commerce and Industry from 16th to 17th April, 2015 at Indore, India.
- 59) Lecture on Innovations and entrepreneurship in healthcare: the way forward at the International Conference on “Current trends in Public Health and Hospital Administration” (Medallion 2015).

- 60) Lecture on Patient Friendly Hospitals at AHPI Global Conclave: “Sustaining of Healthcare Services for Well Being of Common Man” Association of Healthcare Providers (India).
- 61) Delivered lecture on Medical Technology for Driving the Next Generation of Care Transitions 4th Healthcare Leaders’ Forum 2015 held on March 3rd 2015 at Hotel Royal Plaza, New Delhi.
- 62) Attended as faculty and delivered lecture on Errors in Emergency Department in the conference on Cost Effective Use of Technology in e- Healthcare (CEUTEH 2015) organized by Department of IT and Emergency Department, JPN Apex Trauma Centre, All India Institute of Medical Sciences (AIIMS), New Delhi.
- 63) Attended the meeting of Drug Survey Core expert committee of National Institute of Biological held on 21st November, 2014 at Chennai.
- 64) Attended the Project Monitoring Committee meeting for Emergency Trauma Centre at Kathmandu, Nepal from November 03 to 05, 2014.
- 65) Delivered a lecture as Resource Faculty on Administrators Perspective of Technology Assessment in the International Fellowship on Health Technology Assessment (HTA) on 20th September, 2014 at Kochi, Kerala.
- 66) Biomedical Equipment Management – Issues, challenges and strategies at the 11th Healthcare Executive Management Development Programme 7th to 13th September 2014, Hyderabad, India.
- 67) Role of Information Technology (IT) in expanding the reach of healthcare services. eHealth Healthcare Workshop 13th August 2014, New Delhi.
- 68) Special Programme on Hospital Management and Administration Superintendents, GDMOs of Coal India Ltd. at Indian Institute of Coal Management (IICM), Ranchi, Jharkhand, 3 February 2013 to 7 March, 2014.
- 69) Attended International Conference on Current Trends in Public Health and Hospital Administration “Medallion – 2014”, from 24th to 25th January 2014, Kottayam, Kerala.
- 70) Panelist in Brainstorming Workshop on Prospective Plan for Strengthening and Expansion of National Institute of Disaster Management Capacity Building Activities on 17th January, 2014 at New Delhi.
- 71) Attended the Team Meeting of the Asia Pacific Observatory on Health Systems and Policies (APO) held from 11th to 12th December, 2013 at Singapore.
- 72) Chairman for the 2nd International Conference on Emergency Medical Service Systems and Innovation & Entrepreneurship in Healthcare, 18–20 October 2013, AIIMS, New Delhi.
- 73) Resource Faculty for the program on Haemovigilance 5th October, 2013 at Srinagar.

- 74) Delivered lecture on “Medical Equipment Management – Issues, Challenges & Strategies” in HxMDP on “Best Practices in Hospital Logistics, Inventory & Stores Management” held from 14th to 15th September, 2013 at Indian Habitat Centre, New Delhi.
- 75) Attended the “RETT mobil – 2013” from 15th to 17th May 2013 at Fulda, Germany.
- 76) Presented a research paper during the 18th World Congress on Disaster and Emergency Medicine held from 28th to 31st May 2013 at Manchester, U.K.
- 77) Presented a research paper at the National Conference on Ethics in Medical Records ETHICSON-2013, AIIMS Jodhpur.
- 78) Delivered lectures for the 10th Healthcare Executive Management Development Programme, Srinagar, Jammu & Kashmir, 28 April to 4 May 2013.
- 79) Attended 4th Advisory Board Meeting of Welingkar Institute of Management Development and Research, 22 February 2013, at Mumbai.
- 80) Attended International Conference on Current Trends in Hospital Administration and Public Health “Medallion – 2013”, 15–16 February 2013, Kottayam, Kerala.
- 81) Chaired a Session and delivered a talk at National Conference on “Safe and Sustainable Hospital” held on 9th February 2013 at PHD Chamber of Commerce & Industry, New Delhi.
- 82) Attended meeting of the task force on Health Sector Reforms in Jammu & Kashmir, on 4 February 2013, at Jammu.
- 83) Attended 10th Knowledge Millennium Summit-2013 ‘Curing the Incurables: Sharing of Innovations’, 16 January 2013, New Delhi.
- 84) Delivered a Lecture on “Medical Device Management – selection to disposal, a Hospital Administrative’s Perspective, at First International Fellowship on “Health Technology Assessment” from 13th to 14th December, 2012 at Kochi.
- 85) Delivered a Key Note Address on “Evaluating Quality and Assuring Patient Safety in Healthcare in International Conference on Quality Assurance and Patient Safety” from 28th to 30th November, 2012 at Pondicherry.
- 86) Participated and delivered lectures on Ambulance design in India – Ensuring quality within constraints, Status of trauma care and disaster preparedness in Delhi, India, Review of the Role of Acute Care Facilities in Disaster management in Delhi, India and Status of Trauma Care and Disaster Preparedness in Delhi, India at 4th Pan American Conference of World Association of Disaster and Emergency Medicine held from 15-17 Oct 2012 at Virginia USA.
- 87) Attended Pre-Conference Workshop and International Conference on ‘Evidence Based Healthcare’, 5–8 October 2012, New Delhi.

- 88) Attended and Chaired the Plenary Session on ‘Healthcare Availability Accessibility and Affordability’, 24th AIMS Annual Management Education Convention 2012, 25–27 August 2012, Hyderabad, AP.
- 89) Delivered lecture on National Initiative for Patient Safety – an overview & Economics of HAI – study done at AIIMS in the CME on Patient Safety held on August 20, 2012 at Govt. Medical College, Jammu.
- 90) Attended 7th National Quality Conclave, 27–28 April 2012, New Delhi.
- 91) Attended 1st meeting of the sub-group on Hospital Disaster Management Planning, 25 April 2012, NDMA Bhawan, New Delhi.
- 92) Chaired the session of the Consultation for Ensuing Services for Safe Motherhood on 11–12 April 2012, Jaipur, Rajasthan.
- 93) Participated as a Session Chair and Moderator during the 1st International Conference on “Innovation & Entrepreneurship in Health” held from 5th to 6th March, 2012 at Oklahoma City, USA.
- 94) Attended and deliver lecture in International Conference on Current Trends in Public Health and Hospital Administration held from 6th & 7th January, 2012 at Kottayam, Kerala.
- 95) Delivered lecture on multiple topics including Healthcare Challenges vis-à-vis changing role of Hospital, Medical Equipment Management – Issues, challenges and strategies & Public Relations and Media Management in the Healthcare Executive Management Development Programmes at Indian Council for Agricultural Research, Pusa, New Delhi from 18th to 23rd December, 2011.
- 96) Attended Golden Jubilee National CME on Sustainable Healthcare Excellence from 19th to 20th November, 2011 at AFMC, Pune.
- 97) Attended India Public Health Institutions Network Annual Meeting held from 10th & 11th October, 2011 at Jaipur.
- 98) Delivered lecture on “Patient Safety An Overview” during the CME cum workshop and also as a Co-coordinator for the workshop organized by Government Medical College held on 1st & 2nd October, 2011 at Goa.
- 99) Delivered lecture on “Code of Conduct for Medical Technology Industry” in the 4th Medical Technology Conference (Medical Technology: Accelerating Affordable and Accessible Quality Health Care in India) held on 24.8.2011 organized by CII New Delhi at Hotel Lalit, New Delhi.
- 100) Attended International Congress “RETT mobil 2011” an International forum for innovation, safety, quality, competence and training in Emergency Medical Services held from 11th to 13th May, 2011 at Fulda, Germany.

- 101) Chairperson for the conference on Conference on Evidence Based Healthcare, Srinagar Jammu and Kashmir from and delivered lecture on National Initiative for Patient Safety- An AIIMS Initiative organized by Department of Hospital Administration, Sher-I-Kashmir Institute of Medical Sciences, Srinagar, Jammu & Kashmir held from 26th to 27th March, 2011 at Srinagar, Jammu & Kashmir.
- 102) Attended Conference on “Partners for Health in South East Asia” organized by World Health Organization, Regional Office for South East Asia at Hotel Le Meridien, New Delhi from 16th to 18th March, 2011.
- 103) Medical Education Curriculum” in Workshop on “Reform in Healthcare Education” conducted by Confederation of Indian Industry (CII) on March 5, 2011 at Hotel Taj Mahal, New Delhi.
- 104) Infection Control Economics: Making a business case at Workshop on “Infection Control & Hospital Epidemiology hosted by Amrita Institute of Medical Sciences and Research Centre, Kochi in collaboration with SHEA from 28th to 29th January 2011.
- 105) Medical Equipment Management – Issues, Challenges & Strategies” in CME on “Best Practices in Hospital Logistics, Inventory & Stores Management” organized by Department of Hospital Administration, AIIMS in collaboration with World Health Organization, Country Office for India held from 21st to 22nd January, 2011 at AIIMS, New Delhi.
- 106) Member of the panel discussion on “Transforming Healthcare with Innovations in Medical Technology and Diagnostics” at Healthcare Leaders’ Forum organized by eHEALTH Magazine on January 14, 2011 at the Claridges Hotel, New Delhi.
- 107) Talk on “National Initiative for Patient Safety” in the BD Partnership Summit held on 12th January, 2011 at Taj Palace Hotel, New Delhi.
- 108) Establishing Economic cost of Hospital Associated Infections” at 3rd Epidemiology Course organized by Infectious Diseases Training and Research Center (IDTRC) Benjamin M Pulimood Laboratories for Infection, Immunity & Inflammation (BMPLIII), Department of Medicine & Infectious Diseases at, IDRTC, CMC, Vellore and The Society for Healthcare Epidemiology of America(SHEA) on 1st December,2010.
- 109) Risks and cost associated with Surgical Site Infections-Economics of Hospital Associated Infections in Operated Surgical cases-A Case Study” in the CME organized at Hotel Taj Man Singh, New Delhi on 13th November,2010.
- 110) Patient Safety: An Inescapable Necessity” at National Conference on “Hospital Administration” FOCUS – 2010 organised by Sree Chitra Tirunal Institute for Medical Sciences & Technology & Federation Of Hospital Administrators ,Kerala Chapter from 7th to 8th August 2010.
- 111) Health Services Disaster Plan” in the CME on “Emerging Healthcare Issues, Challenges & Strategies” organized by Department of Hospital Administration in collaboration with World Health Organization, Country office for India, Ministry of Health, Jammu &

- Kashmir Govt. and Indo Tibetan Border Police at Leh, Jammu & Kashmir from 26th to 28th July, 2010.
- 112) Presented a lecture on the topic, “Futuristic Geriatric Hospitals – A Model” in the CME held on 21st March, 2010 at Military Hospital, Agra.
 - 113) Co-chair the Session on “Emergency Medicine & Trauma” at Focus on India - Global Healthcare Summit organized by American Association of Physicians of Indian Origin & Indian Medical Association held on 2nd & 3rd January, 2010 at Maurya Sherton, New Delhi.
 - 114) Participated as a Panelist in Health Conclave-2009 “Managing Challenges of 21st Century in Healthcare Organizations” organized by IIHMR, Delhi in collaboration with WHO-India Office, IBM, National health System, New Delhi held at Indian Habitat Centre, New Delhi on 18th & 19th November, 2009.
 - 115) Management of H1N1 Influenza – A Hospital Administrator’s Perspective” at 2nd India Disaster Management Congress organized by Ministry of Home Affairs, Govt. of India and National Institute of Disaster Management, New Delhi from 4th to 6th November, 2009 at Vigyan Bhawan, New Delhi.
 - 116) Participated as a Panelist and delivered a lecture on “National Initiative on Patient Safety” in the Conference on “PASSION-2009- Patient and Staff Safety: An Inescapable Organizational Necessity” organized by AFMC, Pune from 23rd to 24th October, 2009.
 - 117) Participated as a Panelist in the Opening Session in eHEALTH India-2009 organized by Centre for Science, Development and Media Studies (CSDMS) in associated with Department of Information Technology, Govt. of India and Dept. of Communications and IT, Govt. of Andhra Pradesh from 25th to 27th August at Hyderabad International Convention Centre at Hyderabad.
 - 118) National Seminar & Workshop on Operations Research in Hospital Administration in collaboration with WHO in August 2009, first time ever in Asia.
 - 119) Delivered lecture on Quality Dimensions in Hospital Infection Control” in STERICON-2009 held on 4th July, 2009 organized by Directorate of Medical Education & Training, Govt. of U.P. at Lucknow.
 - 120) Attended National Consultation on Public Health Workforce in India from 24th to 25th June, 2009 at New Delhi organized by Ministry of Health & Family Welfare, Govt. of India and World Health Organization.
 - 121) Attended 7th Meeting of the Institutional Advisory Authority (IAA) of the B.P. Koirala Institute of Health Sciences (BPKIHS) in Nepal, May, 2009.
 - 122) Attended 4th Healthcare Executive Management Development Programme (HxMDP) organized by Department of Hospital Administration, AIIMS from 19th to 24th April, 2009 at Goa.
 - 123) Attended conference on Safety in Vascular Surgery in the 15th Annual Conference of

- Vascular Society of India, held on 6th & 7th November, 2008 at Govt. Medical College, Chandigarh.
- 124) Attended conference on Challenges before Hospital Administrators vis-à-vis changing Role of Hospitals on 16th September, 2008 during 2nd Healthcare Executive Management Development Programme organized by Department of Hospital Administration in collaboration with WHO.
 - 125) Participated in Hospital Networking in Disaster Management in training programme on Disaster Health Care Management at National Institute of Disaster Management, New Delhi, July, 2008.
 - 126) An Overview of Health Services Disaster Plan” in the workshop on “Integrated Earthquake Mitigation Initiative” organized by Geohazard International, at Delhi Secretariat, New Delhi, 5th March, 2008.
 - 127) Delivered lecture on “Quality Dimensions in Hospital Infection Control” during the 56th Annual Conference of Association of Pathologists and Microbiologist of India, PGIMER, Chandigarh, October 2007.
 - 128) Delivered lecture on “Laboratory Equipment Management Issues, Challenges and Strategies” in the 56th Annual Conference of Association of Pathologists and Microbiologist of India at PGIMER, Chandigarh, October 2007.
 - 129) Networking in Disaster Management” in the Symposium on Disaster Management organized by National Academy of Medical Sciences at Guru Nanak Dev University, Amritsar, October, 2007.
 - 130) Leadership in Mountains in the High Altitude & Mountain Medicine Course at High Altitude Medical Research Centre at Leh organised by Indian Mountaineering Foundation, New Delhi, August, 2007.
 - 131) Delivered lecture on “Medical Equipment Management – Issues, Challenges, Strategies” during China Medical Equipment Procurement and Management Summit, 2007 on 28–29 June 2007 at Wang Fu Jing, Grand Hotel, Beijing, China
 - 132) Panel discussion on Challenges before hospital administrators’ vis-a-vis changing role of hospitals, Department of Hospital Management, Deccan School of Management, Hyderabad; 18 March 2007.
 - 133) Lecture on Hospital contingency plan at The Delhi experience in the hospital emergency planning’, Delhi Secretariat on 16th March 2007.
 - 134) Lecture on Hospital Disaster Management Plan’, at the Conference on ‘Medical preparedness and mass casualties’ management’, New Delhi; 20–22nd August 2006.
 - 135) Lecture on Chemical and Industrial Disaster Management’, India Habitat Centre, New Delhi on 25th April 2006.
 - 136) South Asian Conference on Synergy in Healthcare (SASHCON)- 2005 at Paro, Bhutan.

- 137) Attended the conference on “Integrated Healthcare Infrastructure Development” held during 9-10 July 2004, Kathmandu, Nepal.
- 138) Lecture on “Hospital Waste Management” in the IV Annual Conference of Indian Society of Hospital Waste Management organized at Army Hospital, Delhi Cantt, 24-25 April 2004.
- 139) President for the International Conference on trends in Healthcare Facilities – Hospitrends – 2002 at Goa.
- 140) Presented a paper in EPIC-2003: Health Care Facility Planning, held at AFMC, Pune 08-09, 2003.
- 141) **Curriculum Development for PGs in Emergency Medicine**, paper presented in **International Conference on Emergency Medical Services Systems – EMS 1998** organised by Department of Hospital Administration, AIIMS, New Delhi from 12th to 15th October, 1998 at AIIMS, New Delhi.
- 142) **Medical Toxicology and its scope in India**, paper presented in the National Workshop on “Practical and Emergency Medical Toxicology, organized by Department of Forensic Medicine and Toxicology, AIIMS, New Delhi from 24th to 26th February, 1998.
- 143) Lecture on Designing and planning of a medical toxicology laboratory in the National Workshop on Practical & Emergency Medical Toxicology, 24th February 1998.
- 144) Attended in the **Continuing Medical Education**, SAEM Annual Meeting held from 19-22 May 1997 at Washington, DC, USA.
- 145) **Presented papers on Hospital Equipment Planning – General Considerations, Equipment Planning for a teaching hospital mortuary, Equipment Planning for DNA Finger printing laboratory** and equipment planning for ambulances in the National Symposium on **Hospital Equipment, Appliances and Technology, HEAT – 97** organised by Department of Hospital Administration, AIIMS, New Delhi from 17th to 19th February, 1997
- 146) Delivered lecture on “Disaster Management in Hospitals” in the First State level workshop on Development of Hospital Contingency Plan held at JIPMER, Pondicherry from 18-20 July 1996.
- 147) Participated as a resource person and presented a paper on **Facing Facts in the seminar on Hospital Waste Management – Towards an Eco-friendly Hospital** on 26th September, 1996 organised by Christian Medical Association of India at YWCA Blue Triangle Hostel, Asoka Road, new Delhi.
- 148) Participated as a resource person and delivered a lecture on Disaster Management Role of Nurse Administrators in the refresher course on **Management Skills for Nurse Managers in Hospital/ Community/Educational Institutions** from 9th to 14th September, 1996 organised by the Trained Nurses Association of India, New Delhi.

- 149) Participated as a resource person and presented a paper on **Contingency Plan of AIIMS Hospital for Management Of Mass Casualties** in the state level workshop on Development of Hospital Contingency Plan for Mass casualties at JIPMER, Pondicherry from July 18-20th,1996 organised by WHO Collaborating Centre for Disaster Preparedness, National Teacher Teaching Centre, Jawaharlal Institute of Post Graduate Medical Education and Research, Pondicherry for the Medical Superintendents of Govt. Hospitals in the Union Territory of Pondicherry sponsored by World Health Organization.
- 150) **Cost of Neonatal Intensive Care, a research** conducted jointly by Deptt. of Hospital Administration, Pediatrics and Community Medicine, AIIMS, New Delhi and paper presented as Co-Author in the XVI Annual Convention of National Neonatology Forum, at PGIMER, Chandigarh.
- 151) **Resource Generation in Government Hospitals:** A paper presented in **National Hospital Convention on finances for Hospitals** organized by Indian Hospital Association and National Health Management Institute, Bombay at World Trade Centre, Bombay from 15th to 16th December, 1995.
- 152) Attended **Asian Conference on Healthcare Management – Challenges 7 Responses** at AIIMS, New Delhi from 21 – 23 February 1991.
- 153) Attended **National Conference on Managerial Strategies for Public and Corporate Hospital Productivity** held at AIIMS, New Delhi from 8-10 February 1990.
- 154) Attended the **Hospital Administration Update** held at AIIMS, New Delhi from 9-11 February 1989.
- 155) Attended Workshop on **Human Resource Development** in Hospital at AIIMS, New Delhi from 7-9 April 1988.

Awards and Honors

- 1) Expert member for the development of the Standard Operating Procedure for the prevention of Corona Virus Disease (COVID-19) for homes, organized by Department of Hospital Administration, AIIMS, New Delhi.
- 2) Program Director for Master Class on “Essentials of Continual Quality Improvement (CQI)” organized by Research Foundation of Hospital & Healthcare Administration (RFHHA) held on 09 Feb 2020 at IIC, New Delhi.
- 3) Program Director for 17th Healthcare Executive Management Development Programme (HxMDP) from 01 - 07 March 2020 at Pride Sun Village Resort, Goa, India organized by Department of Hospital Administration, AIIMS, New Delhi
- 4) Elected Executive member of Board of Directors of the International Association of Applied Management and Executive Vice President of the Association and Chair of the Healthcare Administration track for International Association for Applied Management Conference held at London, England, 2019.
- 5) External expert member for the interview for Super Specialty Direct quota posts of Medical faculty in Chandigarh, India on September 22nd 2019.
- 6) Visited Bhutan as member of the expert committee for establishing 350 bedded Multidisciplinary Super specialty hospital at Thimpu, Bhutan from August 7-9, 2019. The report has been submitted to MoHFW, GOI and Joint Secretary (North), Ministry of External Affairs, GOI on September 12, 2019.
- 7) Appointed as External examiner for MD (Medical Administration) Examination by University of Colombo, Sri Lanka for which exams were held from July 29th to 5th August, 2019 at Colombo, Sri Lanka.
- 8) Appointed External Expert Member for the selection of Professor in School of Health System Studies at Tata Institute of Social Sciences, Mumbai on August 28th, 2019.
- 9) Attended Board Meeting along with Quality Conclave on Ayushman Bharat and its implementation from 8th to 10th August, 2019 organized by Consumer Online Foundation at Banaras Hindu University, Varanasi.
- 10) Attended the CME meeting on Cornea, Cataract, Refractive Surgery & Hospital Administration held at Biratnagar, Nepal on July 27th, 2019.
- 11) Expert Member for faculty selection in the subject of Hospital Administration at KGMU, Lucknow on July 24th, 2019.
- 12) Member of Expert Committee for finalization of Master plan for AIIMS, Jammu and AIIMS, Awantipora, Srinagar on 18-19th July, 2019.
- 13) External Expert Member of the panel discussion for the “Challenges in Hospital Administration and Way Ahead” organized by Steel Authority of India, Management Training Institute, Ranchi, Jharkhand for Learning from Each Other Workshop on Hospital Administration – Systems and Practice, held from July 16-18th, 2019.
- 14) Expert member to chair the scientific session at the 26th Annual Conference of the International Association for Applied Management at Holiday Inn, London, England on July 12, 2019.
- 15) External examiner to conduct 2nd year practical examination for Masters in Hospital Administration held on June 28th, 2019 at SGPGMIS, Lucknow.

- 16) Expert member to finalize the Master plan for the establishment of AIIMS, Kashmir on June 7, 2019 at AIIMS Rishikesh, Uttarakhand.
- 17) Attended the meeting to finalize the Master plan in respect to AIIMS, Kashmir at AIIMS, Rishikesh on May, 17th 2019.
- 18) Expert member to finalize the Master plan for the establishment of AIIMS, Jammu and conceptual plan for AIIMS, Awantipora, Kashmir, at AIIMS Rishikesh on April 02, 2019.
- 19) Member of the National Executive Committee of Haemovigilance Programme of India constituted by National Institute of Biologicals, Ministry of Health & Family Welfare, Government of India and attended meeting held on May 29, 2019 at NIB, Noida, UP.
- 20) Executive member of Board of Directors of the IAAM, Executive Vice President of the association and Chair of the Healthcare Administration track for International Association for Applied Management Conference- London, England, July, 2019.
- 21) External examiner for Master in Hospital Administration on June 28th, 2019 at SGPGIMS, Lucknow.
- 22) Expert member for faculty selection in the subject of Hospital Administration at KGMU, Lucknow on July 24th, 2019.
- 23) External examiner for MD (Medical Administration) part –II Examination at Colombo, Sri Lanka from July 29th to August 5th 2019.
- 24) Visited Bhutan as member of the expert committee for establishing 350 bedded multidisciplinary super specialty hospital at Thimpu, Bhutan on August 7-9, 2019. The report has been submitted to MoHFW, GoI and joint secretary (North), Ministry of External Affairs, GoI on September 12, 2019.
- 25) Attended Board Meeting along with Quality Conclave on Ayushman Bharat and its implementation from 8th to 10th August, 2019 at Banaras Hindu University, Varanasi.
- 26) Attended the meeting between NMDC committee and peer review consultants at Hyderabad on January 16th 2019.
- 27) Member for the selection committee Meeting for selection of Medical Superintendent and Nursing Superintendent on 19th January 2019 at New Delhi.
- 28) Member for the master plant for AIIMS, Jammu at MoHFW, New Delhi on 22nd January 2019.
- 29) Member of the expert committee for setting of a Psychiatric & Mental Hospital at Juba, South Sudan from 2nd to 5th November 2018.
- 30) Jury member for Evaluation of prospective incubates to the Mediivalley and Biovalley incubation parks at Andhra Meditech zone, Vishakapatnam, Andhra Pradesh on September 26th, 2018.
- 31) Honored with **Capital Foundation National Award** in September 2018 by **Governor of Assam** for tremendous contribution to the field of Healthcare Administration.
- 32) Awarded with **Times Healthcare Achievers Award, 2018** by Times of India in honor of excellence in Healthcare.
- 33) Member of National Executive Committee of Hemovigilance Programme of India at National Institute of Biological, Noida on 17th September 2018.
- 34) Jury Member for the evaluation of prospective incubates to the Mediivalley and Biovalley incubation parks at Vishakhapatnam on 11th September 2018.

- 35) Expert for the panel selection committee for recruitment of Faculty in the Department of Hospital Administration at AIIMS, Bhopal on 6th September 2018.
- 36) Honored with Chairman position for **FICCI Taskforce Chair for Costing of Select Medical Procedures** and to share the outcome of AIIMS studies on costing with FICCI.
- 37) Member of the Board of Directors for International Association for Applied Management (IAAM), USA, 2018.
- 38) Honorary Consultant for National Mineral Development Corporation Limited for establishing 200 Bedded Multi Specialty Hospital, New Nagarnar, Jagdalpur, Chhattisgarh.
- 39) Programme Director for 3rd Lean Six Sigma Green Belt International Program in Healthcare at Hotel Surya Southex, New Delhi from 22nd to 24th June, 2018.
- 40) Expert member for the standing selection committee for selection of **“Faculty post”** of **NEIGRIHMS in the Department of Hospital Administration** on 2nd May, 2018 at AIIMS, New Delhi.
- 41) Expert member of the Task Force in Healthcare at FICCI, New Delhi on 12th April, 2018.
- 42) Invited as an expert member for the selection committee for Casual Medical Officers at Institute of Liver and Biliary Sciences, Vasant Kung, New Delhi on 9th April, 2018.
- 43) Honorary Board Member of the Patient Safety and Access Initiative of India Foundation.
- 44) Honorary Board Member of the patient Safety and Access Initiative of India Foundation.
- 45) Member of the core committee constituted by Ministry of Health and Family welfare govt of India for finalization of master plan for AIIMS- Jammu and AIIMS- Awantipora Srinagar.
- 46) Honored with **Capital Foundation National Award** in September 2018 by **Governor of Assam** for tremendous contribution to the field of Health care Administration.
- 47) Awarded with **Times Healthcare Achievers Award, 2018** by Times of India in honor of excellence in Healthcare.
- 48) Member for the selection committee Meeting for selection of Medical Superintendent and Nursing Superintendent on 19th January 2019 at New Delhi.
- 49) Member for the master plan for AIIMS, Jammu at MoHFW, New Delhi on 22nd January 2019.
- 50) Member of the expert committee for setting of a Psychiatric & Mental Hospital at Juba, South Sudan from 2nd to 5th November 2018.
- 51) Member of National Executive Committee of Hemovigilance Programme of India at National Institute of Biological, Noida on 18th September 2018.
- 52) Jury Member for the evaluation of prospective incubates to the Mediivalley and Biovalley incubation parks at Vishakhapatnam on 11th September 2018.
- 53) Expert for the panel selection committee for recruitment of Faculty in the Department of Hospital Administration at AIIMS, Bhopal on 6th September 2018.

- 54) Honored with Chairman position for **FICCI Taskforce Chair for Costing of Select Medical Procedures** and to share the outcome of AIIMS studies on costing with FICCI.
- 55) Member of the Board of Directors for International Association for Applied Management (IAAM), USA, 2018.
- 56) Expert for the selection of candidates for the promotion/selection in the speciality of Hospital Administration on 1st August, 2017 at Soura, Srinagar, Jammu & Kashmir.
- 57) Honorary Consultant for National Mineral Development Corporation Limited for establishing 200 Bedded Multi Specialty Hospital, New Nagarnar, Jagdalpur, Chhattisgarh.
- 58) Programme Director for 3rd Lean Six Sigma Green Belt International Program in Healthcare at Hotel Surya Southex, New Delhi from 22nd to 24th June, 2018.
- 59) Expert member for the standing selection committee for selection of **“Faculty post”** of **NEIGRIHMS in the Department of Hospital Administration** on 2nd May, 2018 at AIIMS, New Delhi.
- 60) Attended Grand Finale of Healers of India Awards at Taj Palace on 19th April, 2018.
- 61) Invited to **“CME on Future of Healthcare Gen. Next”** as Guest of Honor for inauguration of **“Indo US Academy of Health and Hospital Administration”** at Hyderabad on 15th April, 2018.
- 62) Attended the Symposium on Pharmacologists in Indian Healthcare System, Director’s Board Room, AIIMS, New Delhi on 15th April, 2018.
- 63) Attended CII Regional Life sciences Summit 2018 at India Habitat Centre, New Delhi on 13th April, 2018.
- 64) Expert member of the Task Force in Healthcare at FICCI, New Delhi on 12th April, 2018.
- 65) Invited as an expert member for the selection committee for Casual Medical Officers at Institute of Liver and Biliary Sciences, Vasant Kung, New Delhi on 9th April, 2018.
- 66) Honorary Board Member of the Patient Safety and Access Initiative of India Foundation.
- 67) Honorary Board Member of the patient Safety and Access Initiative of India Foundation.
- 68) Panelist in the **“5th NATHEALTH Annual Event NATEv2018”** at Shangri-La's - Eros Hotel, New Delhi on Friday 16th March 2018.
- 69) Attended 70th Anniversary of the UK’s National Health Services (NHS), **Future of Healthcare** organized by Department for International Trade (DIT) in association with Federation of Indian Chambers of commerce and Industry (FICCI) on 5th February 2018 at Mumtaz Hall, Taj Diplomatic Enclave, New Delhi.
- 70) Member of **“FICCI Health Services National Committee”** for the year 2018 to 2019 and nominated as **“Taskforce Chair for Pricing of Healthcare”**.
- 71) Invited as Chief Guest for the Valedictory session held on 23rd January in Noida, Delhi on **National Skill Development and Hands on Training in Quality Control of Biologicals** for PG Students from University of Jammu and Himachal Pradesh organized by National Institute of Biological, Ministry of Health and Family Welfare (MoHFW) held from 3rd January to 23rd January 2018.

- 72) Expert member for Panel Discussions on **“Universal Health Coverage in India Enabled by Emerging Technologies”** on 19th January 2018, at New Delhi organized CNN News 18.
- 73) Expert Member for **“Faculty Selection for AIIMS”**, Patna on 29th September, 2017 at Institute of Liver and Biliary Sciences, New Delhi.
- 74) **“Australia-India Digital Health Dialogue”**, organized by Confederation of Indian Industry (CII) and Australian Trade Commission held on 29th August 2017 at Hyatt Regency, New Delhi.
- 75) Expert for the selection of candidates for the promotion/selection in the speciality of Hospital Administration on 1st August, 2017 at Soura, Srinagar, Jammu & Kashmir.
- 76) **9th FICCI Healthcare Excellence Awards – 11th Edition of FICCI HEAL Indian Health Care: A Patient view”** on 17th and 18th August, 2017.
- 77) External Expert for **“Apical Selection Committee for Faculty Selection”** of Sher-i-Kashmir Institute of Medical Sciences, Srinagar on 1st August, 2017.
- 78) External Expert for **Technical Evaluation Committee** for providing Manpower for Housekeeping and Laundry services etc. at Institute of Liver and Biliary Sciences, Vasant Kunj, New Delhi on 11th July, 2017.
- 79) Chairman, conclave on **“Legal and Ethical Challenges in Healthcare Ecosystem”** “organized by Department of Hospital Administration, AIIMS, New Delhi and Research Foundation of Hospital and Healthcare Administration (RFHHA) held from 18th to 20th May, 2017 at Manekshaw Convention Centre, New Delhi and panelist for the session on **“Code of Conduct for Medical Technology Industry- Legal and Ethical Compliances”**.
- 80) External examiner for M.D Hospital Administration Annual Examination (batch-2014) from 9th to 10th May, 2017 at Sher- I -Kashmir Institute of Medical Sciences, Srinagar.
- 81) External examiner for PG Medical degree/Diploma examination from 5th to 6th May, 2017 at Jagadguru Sri Shivarathreeshwara University, Mysuru, Karnataka.
- 82) Expert member of selection committee for selection of Resident Medical Officer on 13th April, 2017 at New Delhi.
- 83) Speaker, for CME on **Medical Logistics & Supply Chain Management**, Manekshaw Centre held on 6th April, 2017 and delivered lecture on **“Biomedical Equipment Management– Issues, Challenges and Strategies”**.
- 84) Member of International Forum-Patient Safety & Access Initiative of India Foundation, at India Habitat Centre, from 1st to 2nd March, 2017.
- 85) Member of Medical Experts in Joint House Committee constituted by Jammu and Kashmir Legislative Council on 30th January, 2017.
- 86) External Examiner for setting question papers for Masters’ in Hospital Administration at SGPGIMS, Lucknow.
- 87) Guest of Honor for 34th Annual American Association of Physicians of Indian Origin (AAPI) Convention from 30th June to 3rd July, 2016 at Hotel Marriott, Broadway, New York, USA.
- 88) President for the International Journal of Research Foundation of Hospital and Healthcare Administration, an Official Publication of Research Foundation of Hospital and Healthcare Administration, India for the year 2016-17.

- 89) Participated as External Examiner for MD (Medical Administration) Part II Examination from 1st to 5th August, 2016 at University of Colombo, Srilanka.
- 90) Participated as a Guest of Honor at 34th Annual AAPI Convention from 30th June to 3rd July, 2016 at Hotel Marriott, Times Square, Manhattan, New York, USA
- 91) Member of delegation for establishment of Haemovigilance system and to conduct CME on Haemovigilance in Thimpu, Bhutan from 7th to 11th November, 2016.
- 92) Chief Guest for the Workshop on the Lot Release System of National Institute of Biologicals (NIB) and learn the Lot Release Procedures of various “Vaccines and Biological” on 29th November, 2016 at NIB, Noida.
- 93) Invited to attend the meeting of Kazakistan Delegation at FICCI Federation House, Tan Sen Marg, New Delhi on 9th December, 2016.
- 94) External expert for the Standing Selection Committee of the PGIMER, Chandigarh for the selection to the post of Assistant Professors in the Department of Hospital Administration on 17th December, 2016.
- 95) Expert for the Standing Selection Committee for the selection of Group ‘A’ faculty posts of NEIGRIHMS, Shillong in the Department of Hospital Administration on 20th December, 2016 at Indian Council of Medical Research (ICMR), Ansari Nagar, New Delhi.
- 96) Honored as Member of Confederation of Indian Industry (CII), National Committee of Health for 2016- 2017.
- 97) Honored as Member of FICCI, National Committee of Health for the year 2016 to 2017.
- 98) Participated as External Examiner for MD (Medical Administration) Part II & MD (Medical Administration) Part-II by Thesis Examination from 1st August to 5th August, 2016 at Colombo, Srilanka.
- 99) External Examiner for MD (Medical Administration) Part III examination at Post Graduate Institute of Medicine, University of Colombo, Srilanka for the year 2015 and 2016.
- 100) Invited as external examiner by University of Colombo, Sri Lanka for MD (Medical Administration part II) examination held from 7th to 10th September 2015, at Colombo, Sri Lanka.
- 101) Invited by confederation of Indian Industry (CII) to attend India UAE business meet with UAE delegation led by HH Sheikh Abdulla Bin Zayed Al Nahyan, Minister of Foreign Affairs and Accompanying Delegation on 3rd September, 2015 at New Delhi, India
- 102) Awarded for Outstanding Contribution to the Indian Healthcare Industry by ITP Publishing and Healthcare Radius.
- 103) Visited Bhutan to hold discussions with the officials of National Referral Hospital Thimpu, Bhutan for Organizing CME on Haemovigilance from 6th to 8th December, 2015.
- 104) Appointed as external examiner for PhD thesis held on 5th May, 2015 at University of Hyderabad, Hyderabad, India.
- 105) Appointed as Examiner for MD Practical/Viva voce for the annual examination held from 28th to 29th April 2015 at SKIMS, Srinagar Jammu and Kashmir, India.

- 106) Visited Kalyani, West Bengal regarding inspection of two sites for establishing AIIMS from 11th to 13th February, 2015.
- 107) Visited Vadodara and Rajkot districts regarding inspection of site for establishing AIIMS from 21st to 23rd January 2015.
- 108) Visited Srinagar as part of the Central Team constituted by Ministry of Health and Family Welfare, Govt of India, for assessment of damage to infrastructure at Tertiary care Medical Institutions in Srinagar affected by floods on 22nd and 23rd September 2014.
- 109) Visited Srinagar as part of the central team constituted by the PMO and NDMA to assess the requirements on operationalizing the tertiary care facilities of the various hospitals in relation to relief and rehabilitation of victims of floods in J&K from 28th to 30th October 2014.
- 110) Awarded as “Distinguished Jury” on Doctors’ Day, 1st July 2014, by the Indian Medical Association.
- 111) Awarded the Chief Minister’s Gold Medal for meritorious public service by Hon’ble Governor of Jammu and Kashmir, Shri N N Vohra for the year 2014 on 24th July 2014 at the Investiture Ceremony for Awards from 23rd to 24th July 2014.
- 112) Delivered Dr C.K. Gupta Oration at 1st National Conference on Hospital Administration, “Manthan–2013”, 16–17 March 2013, Bareilly, UP.
- 113) Team Leader for the high-level conference in Paths of Convergence of Agriculture, Health and Wealth, 22–24 June 2012, New Delhi.
- 114) Awarded **International Partner of the Year 2012** by Institute of Rescue Engineering and Civil Protection Cologne University of Applied Sciences, Germany.
- 115) Appointed as Inspector to carry out the physical and other teaching facilities available at Narayana Medical College, Nellore for starting MD (Hospital Administration) course under NTR University of Health Sciences, Vijaywada, February 2009.
- 116) Resource Person for the Multi Hazard HOPE Course Development - Course Finalization workshop in April, 2008 at National Society for Earthquake Technology, Kathmandu, Nepal.
- 117) Invited by Indian Institute of Management, Ahmadabad to associate in the research activities in the health sector conducted by Center for Management of Health Services (CMHS).
- 118) Appointed as Honorary Resource Guest faculty for the training on Professional Development Course for the district level senior medical officer of Punjab by State Institute of Health and Family Welfare, Govt. of Punjab.
- 119) External Examiner, MD (Medical Administration) Part-II Examination, Post Graduate Institute of Medicine, University of Colombo, Srilanka, May 2008.
- 120) Resource Person for the Multi-Hazard HOPE Course Development–Course Finalisation workshop, April, 2008, National Society for Earthquake Technology- Kathmandu, Nepal.
- 121) As a leader of delegation, Ministry of external affairs, Govt. of India, visited Bhutan to conduct workshop for developing the course curriculum of MBBS students for Bhutan Institute of Medical Sciences, Thimpu, Bhutan. The syllabus has been prepared and reviewed by experts from AIIMS & BIMS.

- 122) External Examiner for MD (Hospital Administration) annual examination at Sher-i-Kashmir Institute of Medical Sciences, Srinagar
- 123) Appointed an Inspector, MCI regarding assessment of the physical and other teaching facilities available at Kasturba Medical College, Manipal for purpose of permitting increased intake in MD (Hospital Administration) qualification by Manipal University and verification of the compliance.
- 124) Submitted draft on The National Infection Control Policy to the Hon'ble Union Minister of Health and Family Welfare. Government of India.
- 125) Launched The Research Foundation of Hospital and Healthcare Administration for promoting research in the field of Hospital and Healthcare Management.
- 126) Invited to attend conference on "Partners for Health in South East Asia" organized by World Health Organization, New Delhi.
- 127) Appointed as an Honorary Resource Guest faculty for the training on Professional Development Course for the district level senior medical officer (DLSMO) of Punjab by State Institute of Health and Family Welfare, Government of Punjab.
- 128) Expert for expansion programme of Nizam's Institute of Medical Sciences, Hyderabad – University Campus under Pradhan Mantri Swasthya Suraksha Yojna (PMSSY).
- 129) Expert for upgradation of Nizam Institute of Medical Sciences under Pradhan Mantri Swasthya Suraksha Yojna (PMSSY)
- 130) Awarded **State Award for Meritorious Public Service** on the eve of Republic Day by J&K Government. The monetary award of Rs. 51,000/- received was graciously donated back by Dr. Shakti Gupta to the J&K Chief Ministers Flood Relief Fund.
- 131) Awarded "**PRATIBHASHI SAMMAN – 2002**" from Arvacheen Education and Cultural Organization presented by Sh. Sahib Singh Verna, Hon'ble Minister for Labour, Govt. of India.
- 132) Application for **Outstanding Contributions to Indian Healthcare Industry** by HealthcareRadius.
- 133) Award for **Leadership in Healthcare Quality and Patient Safety** by Sri Balaji Vidhyapeeth and Royal College of Physicians and Surgeons, Glasgow.
- 134) "**CHIKITSA RATAN – 2010**" by Delhi Medical Association.
- 135) "**SHRAM SREE-2010**" by Shram Mulyankan Sangoshthi.
- 136) "**Dr. C.K. Gupta Memorial Oration**" at National Conference on Hospital Administration by Gangasheel.
- 137) Invited by National University of Singapore to participate in "Hospital Management Program for Chief Executives of Asia Pacific" held at Singapore from 6th to 10th September 1999.
- 138) Represented country in "Study meeting on East-West Telemedicine" organized by Asian Productivity Organization, Tokyo, Japan at Hawaii, USA from 15th to 18th September, 1998 & presented country paper.

List of Publications

- 1) Kausar M, Daga A, Dolma Y, **Gupta SK**. Identifying Opportunities for Improvement Using Accreditation Standards in a Public Sector Ophthalmic hospital in India. *Medico Legal Update*. 2020. 20(2):389-396.
- 2) Gulati K, Sarkar C, Verma V, Singh AR, **Gupta SK**. Assessment of medical leadership competencies and development needs: First comprehensive study from India *International Journal of Healthcare Management*, 2019 DOI: 10.1080/20479700.2019.1647381.
- 3) Gulati K, Singh AR, Kumar S, Verma V, **Gupta SK**, Sarkar C. Impact of a leadership development programme for physicians in India. *Leadership in Health Services*. Emerald Publishing Limited 1751-1879. DOI 10.1108/LHS-05-2019-0027.
- 4) Kashyap SP, Sachdeva S, Dolma Y, Sarin A, **Gupta SK**. Knowledge, Practice and Attitude of Hepatitis B Infection and its Prevention among Nurses in a Tertiary Eye Care Center of Delhi. *International Journal of Research Foundation of Hospital and Healthcare Administration* (2019): 10.5005/jp-journals-10035-1104.
- 5) Siddharth V, **Gupta SK**, Agarwala S, Satpathy S, Goel P. Outcome of care provided in neonatal surgery intensive care unit of a public sector tertiary care teaching hospital of India. *J Indian Assoc Pediatr Surg* 2019;24:257-63.
- 6) K Gulati, V Madhukar, V Verma, AR Singh, **Gupta SK**, Sarkar C. Medical leadership competencies: A comparative study of physicians in public and private sector hospitals in India. *Int J Health Plann Mgmt*. 2019;34:e947–e963.
- 7) Siddharth V, **Gupta SK**, Satpathy S, Agarwala S, Lodha R. Structure and organization of intensive care units in a tertiary care hospital of north India: A comparative study against national and international guidelines. *Saudi Crit Care J* 2019;3:109-15.
- 8) Garg R, Garg N, Sharma DK, **Gupta SK**. Low reporting of violence against health-care workers in India in spite of high prevalence. *Medical Journal Armed Forces India*. 2019 75(2):211-215.
- 9) Siddharth V, **Gupta SK**, Satpathy S, Agarwala S, Lodha R. Intensive care units are more than man and machine: A study on organisation of ICUs in a tertiary care hospital of North India. *Saudi Critical Care Journal*. (Revisions Submitted).
- 10) Siddharth V, **Gupta SK**, Satpathy S. Quality of Care in Medical Intensive Care Unit: A Study in an Apex Tertiary Care Teaching Hospital of Northern India. *Journal of Postgraduate Medicine, Education and Research*, Oct-Dec 2018;52(4):171-176.
- 11) Bhatnagar A, **Gupta SK**, Hans G, Vikas H, Garg N, Pandey V. A Study on Prevalence of Domestic Violence among Women in Servant's Quarters of a Tertiary Care Hospital in North India. *International Journal of Research Foundation of Hospital & Healthcare Administration*. July-December 2018 Volume 6 Number 2 ISSN 2347-4254
- 12) Kabir I, Tyagi M, **Gupta SK**. Improving the Efficiency of Refraction Services at a Tertiary Care Eye Hospital Using an Action Research Methodology. *International*

- 13) Garg N, Garg R, **Gupta SK**, Kant S. Assessment of the Training Needs In Health Care Professionals for Better Goals. International Journal of Medical Science and Innovative Research (IJMSIR). Volume – 3, Issue – 6, December – 2018.
- 14) Kushal A, **Gupta SK**, Mehta M, Singh MM, Study of Stress among Health Care Professionals: A Systemic Review. International Journal of Research Foundation of Hospital & Healthcare Administration, January-June 2018;6(1):1-5.
- 15) A Kumar, B Debbarma, A Singh, Kumar K, Singh AK, Sethi P, Kumar A, Kumar L, **Gupta SK**. Level of Satisfaction in Patients attending Government Health Facilities of AIIMS, New Delhi, Outreach Outpatient Department, Badsa, Jhajjar, Haryana, India. International Journal of Research Foundation of Hospital & Healthcare Administration, January-June 2018;6(1):1-5.
- 16) Bhatnagar A, **Gupta SK**, Hanumanthappa V, Garg N. A Study on Aftereffects of Holi: Color Injury, Ocular Trauma, and Assault at a Tertiary Care Ophthalmic Center in North India. International Journal of Research Foundation of Hospital & Healthcare Administration, January-June 2018;6(1):1-5.
- 17) Gulati K, **Gupta SK**, Madhukar V, Sarkar C. Importance of Medical Leadership Development: A Global Perspective with Special Reference to the Indian Healthcare System. International Journal of Research Foundation of Hospital & Healthcare Administration, January-June 2018;6(1):1-5.
- 18) **Gupta SK**, Siddharth V, Belagere MR, Stewardson AJ, Kant S, Singh S, Singh N. National survey of infection control programmes in South Asian association for Regional Cooperation countries in the era of patient safety. Indian J Med Microbiol 2018;36:577-81.
- 19) K Gulati, Gupta SK, Madhukar, Sarkar V, Chitra. Importance of Medical Leadership Development: A Global Perspective with Special Reference to the Indian Healthcare System. International Journal of Research Foundation of Hospital and Health Care Administration. 2018. 6:37-42.
- 20) A Arora, P Bharadwaj, H Chaturvedi, P Chowbey, **Gupta SK**, D Leaper, GK Mani, SK S Marya, R Premnath, K Quadros, A Srivastava, A Tendolkar. A review of prevention of surgical site infections in Indian hospitals based on global guidelines for the prevention of surgical site infection, 2016. Journal of Patient Safety and Infection Control. 2018;6(1):p-1-12.
- 21) Siddharth V, Gupta S K. Quality of care in intensive care unit. Journal of Academy of Hospital Administration 2018,30(2):17-27
- 22) Siddharth V, Gupta S K, Satpathy S. Quality of Care in Medicine Intensive Care Unit: A Study in an Apex Tertiary Care Teaching Hospital of Northern India. Journal of Postgraduate Medicine, Education & Research, October-December 2018;52(4):171-176.

- 23) Gupta S K, Siddharth V, Singh N, Kant S, Singh S, Mahesh R, Stewardson A J. National survey of infection control programs in South Asian Association for Regional Cooperation countries in the era of patient safety. *Indian J of Med Microbiol* 2018;36:577-81.
- 24) Siddharth V, **Gupta SK**, Lodha R, Satpathy S. Quality of Care in a Paediatric Intensive Care Unit of a Tertiary Care Teaching Hospital in New Delhi. *Journal of Nepal Paediatric Society*. 2017; 37(2), 168-173.
- 25) Siddharth V, **Gupta SK**, Lodha R, Satpathy S. **Quality of Care in a Paediatric Intensive Care. Unit of a Tertiary Care Teaching Hospital in New Delhi.** *J Nepal Paediatr Soc* 2017;37(2):168-173.
- 26) Co Author for the research work entitled, **“Reducing waiting time of patients for minor procedures in eye casualty- A Quality Improvement initiative”** presented at 2nd J&K Medical Science Congress and 1st Annual Conference of Metabolic Syndrome Prediabetes Polycystic Ovary Syndrome Society (MP PCOS CON 2017) are going to be held from 10th-13th May 2017 at SKICC, Srinagar, Jammu and Kashmir, India.
- 27) Co Author for the research work entitled, **“Digitization in Dr R P Centre for Ophthalmic Sciences-A Case Study”** presented at 2nd J&K Medical Science Congress and 1st Annual Conference of Metabolic Syndrome Prediabetes Polycystic Ovary Syndrome Society (MP PCOS CON 2017) are going to be held from 10th-13th May 2017 at SKICC, Srinagar, Jammu and Kashmir, India.
- 28) Co Author for the research work entitled, **“Quality Improvement Initiative in RPC”** presented at 2nd J&K Medical Science Congress and 1st Annual Conference of Metabolic Syndrome Prediabetes Polycystic Ovary Syndrome Society (MP PCOS CON 2017) are going to be held from 10th-13th May 2017 at SKICC, Srinagar, Jammu and Kashmir, India.
- 29) Co Author for the research work entitled, **“A Critical Analysis of Existing Nursing Record Documentation at Tertiary Care Ophthalmic Centre”** presented at 2nd J&K Medical Science Congress and 1st Annual Conference of Metabolic Syndrome Prediabetes Polycystic Ovary Syndrome Society (MP PCOS CON 2017) are going to be held from 10th-13th May 2017 at SKICC, Srinagar, Jammu and Kashmir, India.
- 30) Garg N, Kant S, **Gupta SK**, Garg R. Study of compliance to prescribed lighting standards in hospitals of Delhi NCR, India. *Int J Res Med Sci*. 2016 Aug;4(8):3360-3364.
- 31) Garg N, Gupta SK, Lathwal A, Garg R. A Study of Cost incurred in providing Emergency Care Services in an Apex Tertiary Care Hospital. *Int J Res Foundation HospHealthcAdm* 2016;4(1):45-50.
- 32) Garg R, Garg N, **Gupta SK**, Titiya JS, Mahesh R. To study the existing system of surgical safety for cataract surgery at tertiary care ophthalmic centre to implement WHO surgical safety checklist. *Int J Res Med Sci*. 2016 Aug;4(8):3479-3485.

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- 34) Sodhi J, Satpathy S, Sharma DK, Lodha R, Kapil A, Wadhwa N, **Gupta SK**. Healthcare associated infections in Paediatric Intensive Care Unit of a tertiary care hospital in India: Hospital stay & extra costs. *Indian J Med Res*. 2016;143(4):502-506. doi:10.4103/0971-5916.184306.
- 35) Singh S,**Gupta SK**, Singh IB, Madaan N. Awareness and Attitude of select professionals towards Euthanasia in Delhi, India. *J Palliat Care*. 2016;22(4):485-490
- 36) Singh S,**Gupta SK**, Daga A, Siddharth V, Wundavalli LT. Cost analysis of a disaster facility at an apex tertiary care trauma center of India. *J of Emergency Trauma Shock*. 2016 ;9(4):133-138
- 37) Kumar P, Jithesh V, Vij A, **Gupta SK**. Need for a hands on approach to hands- offs: A Study of nursing handovers in an Indian Neurosciences center. *Asian J Neurosurg*. 2016 Jan-Mar;11(1):54-9.
- 38) Neeraj Garg, **Gupta SK**, Amit Lathwal, Ruchi Garg. A Study of Cost incurred in providing Emergency Care Services in an Apex Tertiary Care Hospital. *International journal of research foundation of hospital& healthcare administration*. January to June 2016;4(1).
- 39) **Gupta SK**, Sunil Kant. Professional Management of Health Care Institutions. Editorial. *International journal of research foundation of hospital& healthcare administration*. January to June 2016;4(1):45-50.
- 40) VK Tadia, **SK Gupta**, SK Arya, A Lathwal, K Jain, R Ahlawat. Why switch to Rental? Costing of Laundry Services at an Apex Tertiary Care Hospital from the View of Outsourcing based on Rental Linen Management Services. *International journal of research foundation of hospital& healthcare administration*. July to December 2016;4(2):79-88.
- 41) **Gupta SK**, Sunil Kant. Professional Management of Health Care Institutions. Editorial. *International journal of research foundation of hospital & healthcare administration*. January to June 2016;4(1):45-50.
- 42) **Gupta SK**, Sunil Kant. National Ambulance Code: Toward Safe Roads and Saving Lives. Editorial. *International journal of research foundation of hospital& healthcare administration*. July to December 2016;4(2)
- 43) Kumar P, Jithesh V, **Gupta SK**. A comparative cost analysis of polytrauma and neurosurgery Intensive Care Units at an apex trauma care facility in India. *Indian J Crit Care Med*. 2016 Jul;20(7):398-403.
- 44) Singh S, **Gupta SK**, Singh IB, Madaan N. Awareness and Attitude of Select Professionals toward Euthanasia in Delhi, India. *Indian J Palliat Care*. 2016;22(4):485–490. doi:10.4103/0973-1075.191856.

- 45) Singh S, Kumari S, Arya S, **Gupta SK**, Sharma DK, Williamson S. Training Need Assessment of Nursing Personnel at Super Specialty Tertiary Care Hospital in Northern India. *International Journal of Health Sciences & Research*. 2015;5(3):262-70.
- 46) Singh S,**Gupta SK**, Arya S, Aggarwal V, Thuilephy T. Hand Hygiene Policy for a Tertiary Care Hospital. *Int J Res Foundation Hosp Healthc Adm*. 2015;3(2):103-09.
- 47) Siddharth V, Kumar S, Vij A, **Gupta SK**. Cost Analysis of Operation Theatre Services at an Apex Tertiary Care Trauma Centre of India. *Indian J Surg*. 2015 Dec;77(Suppl 2):530-5.
- 48) Kumar P, Jithesh V, **Gupta SK**. Does a single specialty intensive care unit make better business sense than a multi-specialty intensive care unit? A costing study in a trauma centre in India. *Saudi J Anaesth* 2015; 9:189- 94.
- 49) Kumar P, Jithesh V, Vij A, **Gupta SK**. Who is more hands on with hand-offs? A comparative study of clinical handovers among doctors and nurses in a tertiary care centre of India.*Int J Res Foundation Hosp Healthc Adm*. 2015;3(1):33-40.
- 50) Singh S, **Gupta SK**, Arya S, Sharma DK, Aggarwal V. Adverse Drug Reaction Policy in a Tertiary Care Hospital. *Int J Res Foundation Hosp Healthc Adm*. 2015;3(1):41-47.
- 51) Siddharth V, Bakhshi S, Satpathy S, **Gupta SK**. Assessment of medication management practices at day care facility of a regional cancer centre of north India. *Journal of the Academy of Hospital Administration*, Volume 27, No. 1&2 Jan.-Dec., 2015 (Combined Issue):21-34.
- 52) Siddharth V, Kant S, Chandrashekhar R, **Gupta SK**. Integration in operation theatre: Need of the hour. *International Journal of Research Foundation of Hospital and Healthcare Administration*, July- Dec 2015;3(2):123-128.
- 53) Siddharth V, Kant S, Chandrasekhar R, **Gupta SK**. Planning Premises and Design Considerations for Hybrid Operating Room. *Int J Res Foundation Hosp Healthc Adm* 2014;2(1):50-56.
- 54) Siddharth V, Arya S, **Gupta SK**. A Study of Prescribing Practices in Outpatient Department of an Apex Tertiary Care Institute of India. *Int J Res Foundation Hosp Healthc Adm* 2014;2(1):31-35.
- 55) Sodhi J, Satpathy S, Sharma DK, Lodha R, Kapil A, Wadhwa N, **SK Gupta**. Healthcare Associated Infections in Pediatric Intensive Care Unit of a tertiary care hospital in India: Hospital stay and Extra costs. *Indian J Med Res* 2014.
- 56) Patient Satisfaction Survey at a Tertiary Care Speciality Hospital – Neeraj Garg, **Gupta SK**, Mahesh P – *International Journal of Research Foundation of Hospital and Healthcare Administration*, July-December 2014, Volume 2, Number 2.
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- 59) Saroj Kumar Patnaik, **Gupta SK**, Sunil Kant, R. Chandrasekhar, Madhav Madhusudan Singh. Planning and Designing of a Sleep Center. International Journal of Research Foundation of Hospital and Healthcare Administration, July-December 2014, Volume 2, Number 2.
- 60) Jitender Mehta, Sanjay Arya, Sunil Kant, **Gupta SK**. A Study of Hospital Infection Control Program against Normative Weighted Criteria at a large Public hospital. International Journal of Research Foundation of Hospital and Healthcare Administration, July-December 2014, Volume 2, Number 2.
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- 62) Kumar P, **Gupta SK**, Sharma DK, Batra RK. Operating Manifold Services in Hospitals: A costly affair? GSTF Journal of Nursing and Health Care (JNHC) Vol.1 No.2, August 2014.
- 63) **Gupta SK**, Garg N, Mahesh R. Patient Satisfaction Survey at a Tertiary Care Speciality Hospital. Int J Res Found Hosp Healthc Adm. 2014;2(2):79–83
- 64) S. Kurien, S. Satpathy, S. K. Gupta, S. K. Arya, D. K. Sharma. Study of Reporting System for Adverse Events Related to Common Medical Devices at a Tertiary Care Public Sector Hospital in India. World Academy of Science, Engineering and Technology. International Journal of Medical, Health, Biomedical, Bioengineering and Pharmaceutical Engineering Vol:8, No:7, 2014.
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- 69) Learnings from a Massive Fire in a Tertiary Care Hospital in India. Prehospital and Disaster Medicine, PDM 28(1), May,2013.
- 70) Mobile Health Units: Way Forward in Mass Casualty Events. Prehospital and Disaster Medicine, PDM 28(1), May, 2013.

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- 72) PH Mishra, **Gupta SK**. Study of patient satisfaction in a surgical unit of a tertiary care teaching hospital. *Journal of Clinical Orthopaedics and Trauma*. Volume 3, Issue 1, June 2012.
- 73) **Gupta S K**. “Networking in Disaster Management Annals”, *National Academy of Medical Sciences*, 44 (1): 19-29, 2008
- 74) Kant Sunil, **Gupta SK**, Nuclear, “Biological and Chemical Warfare Medical Preparedness for effective planning, *Annals, National Academy of Medical Sciences*, 44 (1); 31-45, 2008.
- 75) M Singh, S Vaishya, **Gupta SK**, VS Mehta. Economics of head injuries. *Neurol India* 2006;54:78-80.
- 76) **Gupta SK**, Sunil Kant “Trends and Dimensions in Hospital Architecture A Hospital Administrator’s Perspective. *JK Sciences, Journal of Medical Education and Research*, Vol. 7, No. 2, Page 31-33; April-June, 2005.
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- 92) Sunil Kant, **Gupta SK**: “Management of Change and Innovation in Hospitals”, Journal of Academy of Hospital Administration, New Delhi, Vol-10, No. 2, Page 7-16; July, 1998.
- 93) Hem Chandra, **Gupta SK**, P.K.Roy: “ Hospital Linen Supply- Critical Analysis”, Journal of Academy of Hospital Administration, New Delhi, Vol-10, No. 2, Page 57-61; July, 1998.
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- 95) Sinha A., Singh B, Bhardwaj DN, **Gupta SK**: “Equipment Planning for Toxicology Laboratory”, Journal of Academy of Hospital Administration, New Delhi, Vol-9, No. 1, Page 27-31; January, 1997
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- 101) Yashpal Sharma, **Gupta SK:** “A Study of Absenteesim in Group D Employees”, Journal of Academy of Hospital Administration, New Delhi, Vol-8, No. 1, Page 43-51; January, 1996.
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- 105) **Gupta SK, N.K. Parmar:** Resources Mobilisation in Hospitals – A view point Journal of Academy of Hospital Administration, New Delhi, Vol-5, No. 2, Page 49-52; July 1993.
- 106) **Gupta SK, R.P. Sinha, N.K. Parmar :** “Hospital Staffing Norms – Para Medical Personnel” Journal of Academy of Hospital Administration, New Delhi, Vol-1, No. 2, Page 58-61; July 1989.
- 107) M. Rajani, **Gupta SK:** “Organisation and Establishment of Specialty Investigation Services”, Journal of Academy of Hospital Administration, AIIMS, New Delhi, Vol-1, No. 2, Page 26-28; July 1989.
- 108) **Gupta SK,** Hospital Staffing Norms – Administration Staff, Medical Personnel of General Hospitals, Nursing Staff, Class D-Staff”, Journal of Academy of Hospital Administration, New Delhi. Vol. – I, No. 1, Page 32-35; January 1989.

Under Publication:

- Co Author for the manuscript entitled, “National survey of infection control programs in South Asian Association for Regional Cooperation countries in the era of patient safety” accepted for publication in Indian Journal of Medical Microbiology, 2020.

Books Published

1. Disease outbreak Management: A Hospital Administrators” Perspective” by Dr Shakti Kumar Gupta, Col Sunil Kant and Dr Jitendra Sharma, Jaypee Brothers Medical Publishers [P] Ltd.; ISBN no. 978-93-5025-990-0.
2. Hospital Stores Management. An Integrated Approach authored by Shakti Kumar Gupta and Sunil Kant, Forward by P K Dave. Published by Jaypee Brothers Medical Publishers [P] Ltd.
3. Emergency Medical Services & Disaster Management: A Holistic Approach by PK Dave, Shakti Gupta, NK Parmar, Sunil Kant by Jaypee Brothers Medical Publishers [P] Ltd
4. Emergency Medical Service Systems: A Global perspective by Shakti Kumar Gupta, Sunil Kant and Angel Rajan Singh by Jaypee Brothers Medical Publishers [P] Ltd
5. MCQs in Management and Hospital Administration by Shakti Kumar Gupta, Sunil Kant and Prashant Rampal by Jaypee Brothers Medical Publishers [P] Ltd.
6. Modern Trends in Planning and Designing of Hospitals: Principles and Practice by Shakti Gupta, Sunil Kant, R Chandrashekhar, Sidhartha Satpathy by Jaypee Brothers Medical Publishers [P] Ltd
7. Hospital and Healthcare Administration: Appraisal and Referral Treatise by Shakti Kumar Gupta and Sunil Kant, Forward by P K Dave. Published by Jaypee Brothers Medical Publishers [P] Ltd.
8. Hospital Infection Control Guidelines: Principles and Practice by Sanjeev Singh, Shakti Kumar Gupta and Sunil Kant. Published by Jaypee Brothers Medical Publishers [P] Ltd.
9. Disinfection and Sterilization Practices in Indian Operation Theatres by Parmeshwar Kumar, Shakti Gupta, Arti Kapil. Published by LAMBERT Academic Publishing.kozpharmapr

Books under publication

1. Planning and Designing of Specialty Healthcare Facilities authored by Shakti Kumar Gupta, Sunil Kant and R. Chandrasekhar published by M/s. Jay Pee Brothers Medical Publishers.
2. Disinfection and Sterilization Practices in Healthcare Institution authored by Shakti Kumar Gupta, Sunil Kant, P Kumar and Kanika Jain , published by M/s. Jay Pee Bros. Medical Publishers.
3. “Nursing Administration- Principles and Practices” authored by Shakti Kumar Gupta and Sunil Kant.

Thesis Supervised (1995 to 2019)

Si. No	Title of Thesis	Year	Name of the Candidate	Guide
1	A Study of Universal Precaution Practices at AIIMS Hospital.	1995	Abdul Rashid	Dr R K Sharma Dr Shakti K Gupta Dr A K Gupta
2	A Study of Nursing Manpower Requirement at AIIMS Hospital.	1995	Sanjay Kumar Arya	Dr R K Sharma Dr Shakti K Gupta Dr D K Sharma
3	A Study of Neonatal care Services at AIIMS Hospital.	1996	V Kannaraj	Dr R K Sarma Dr Shakti K Gupta Dr V K Paul
4	Study of Costing of House Keeping Services at AIIMS Hospital.	1997	Sunil Kant	Dr R K Sarma Dr Shakti K Gupta
5	Standardization of Staffing Norms of Resident Doctors in a Large Teaching Hospital	1997	Pradeep Arya	Dr Shakti K Gupta Dr R K Sarma
6	A Study of Organ Transplantation Programme at AIIMS	1999	Sajal Sen	Dr P C Choubey Dr Shakti K Gupta Dr S C Tiwari
7	Costing of Emergency Services in AIIMS.	1999	Satish Kumar	Dr R K Sarma Dr Shakti K Gupta Dr P P Kotwal
8	To Study the Package System of Charges at Cardio Thoracic Centre and Based on this experience explore the Feasibility of Introducing Similar System at AIIMS Hospital.	2003	Sanjay Darshan Behera	Dr R K Sarma Dr Shakti K Gupta Dr Sidhartha Satpathy
9	A Study of the Engineering Maintenance Services at AIIMS Hospital With a view to Assess its Adequacy & Effectiveness and to Develop a Module for Efficient Functioning .	2005	Sumit Marwah	Dr Shakti Kumar Gupta Dr I B Singh
10	Study the Awareness Among Doctors and Nurses Regarding Pharmacovigilance, extent of Adverse Drug Reactions Reporting and Evaluate the Impact of Various Interventions to Determine the most Suitable Method.	2008	Diwakar Thimmappa	Dr S Satpathy Dr Shakti K Gupta Dr Y K Gupta Dr N R Biswas

11	Study the Level of Satisfaction Amongst the Employees of AIIMS	2008	Pankaj Arora	Dr Shakti K Gupta Dr S Satpathy Dr Aarti Vij
12	Cost Analysis of Robotic Urologic Procedures in AIIMS	2008	M C Sahoo	Dr Shakti K Gupta Dr N P Gupta Dr I B Singh Dr Aarti Vij
13	Determination of the Cost of Training of Undergraduate Medical (MBBS) Student at AIIMS	2008	Rakesh Verma	Dr Shakti K Gupta Dr R C Deka Dr S Satpathy Col Sunil Kant Dr Sunil Chumber
14	Costing of Surgical Site Infections	2009	Anjana Chaudhary	Dr Shakti K Gupta Dr Aarti Kapil Dr S Satpathy
15	Review the System of Empanelment of Hospitals and Diagnostic Centre CGHS	2009	Anil Sain	Dr DK Sharma Dr S V Ramakrishna (CGHS) Dr. Sanjay Arya
16	Costing of Bone marrow transplant at AIIMS main Hospital	2009	Shalini kumar	Dr Shakti K Gupta Dr S Satpathy Dr M Mahapatra
17	Costing of Patient Care Neuro Surgery ICU	2009	Dinesh negi	Dr Shakti K Gupta Dr B S Sharma Dr Manmohan Singh Dr H H Dash Dr Aarti Vij
18	Costing of KTP at AIIMS	2010	J Mehta	Dr Shakti K Gupta Dr I B Singh Dr Aarti Vij Dr Sandeep Guleria
19	Costing of Biomedical Waste System at AIIMS	2010	Maneesh Rathi	Dr DK Sharma Dr Shakti K Gupta Dr S Satpathy Dr Sanjay Arya
20	A Comparative Study of OT Disinfection and Sterilization Practices at Select Hospitals in Delhi	2010	Parmeshwar Kumar	Dr Shakti K Gupta Dr Aarti Kapil Dr I B Singh Dr Aarti Vij
21	Evaluation of Trauma Care System for Delhi Metropolis	2010	Angel Rajan Singh	Dr Shakti K Gupta Dr M C Mishra Dr Sanjay Arya Dr Aarti Vij
22	Study the Process of Outsourcing of Services in Select Hospitals of Delhi	2010	Amita Saxena	Dr D K Sharma Dr Shakti K Gupta Dr S Satpathy Dr Sanjay kumar Arya

23	Study To Evaluate Competencies of Indian Healthcare Leaders	2010	Saroj Kumar Patnaik	Dr Shakti K Gupta Dr S Satpathy Dr(col) Sunil Kant Dr I B Singh
24	Study of In Patient Medical Records of AIIMS as a Prerequisite for Accreditation	2010	Ravindra Y Asangi	Dr D K Sharma Dr Shakti K Gupta Dr S Satpathy Dr Sanjay Kumar Arya
25	A study to evaluate the fire safety system of AIIMS	2011	Dr. NeeravKoherwal	Dr. Shakti K Gupta Dr. D.K. Sharma Dr. Sanjay K Arya Dr. I. B. Singh
26	To study the time utilization by the teaching faculty at AIIMS	2011	Dr. U.S. Garg	Dr. Shakti K Gupta Dr. Rani Kumar Dr. S. Satpathy Col. Sunil Kant
27	Costing of Gastrointestinal Endoscopic Procedures at AIIMS	2011	Dr. Priti Goel	Dr. Shakti K Gupta Dr. V.K. Paul Dr. S. Satpathy Dr. Sanjay Arya Dr Pramod Garg
28	To study the system of maintenance of Hospital Support Services equipment and their utilization at AIIMS	2011	Dr. M.M. Singh	Dr. Shakti K Gupta Dr. D.K. Sharma Col. Sunil Kant
29	Study of Hospital Security and Associated threat, vulnerability and risk assessment at AIIMS	2011	Dr. Arvind Kaushal	Dr. Shakti K Gupta Mr. Vineet Chawdhry Dr. D.K. Sharma Dr. I.B. Singh Dr. Sanjay Arya
30	To study knowledge, attitude and practice regarding adverse events related to medical devices amongst the healthcare professionals in AIIMS	2012	Dr. S. Kurien	Dr. Shakti K Gupta Dr. S. Satpathy Dr. Sanjay Arya
31	To study disinfection and sterilization practices of medical equipment and instruments at AIIMS	2012	Dr. Jitesh V	
32	To do a critical analysis of AIIMS budget allocation vis-à-vis a utilization	2012	Dr. Sunil Verma	Dr. D.K. Sharma Dr. Shakti Gupta Dr. I.B. Singh Col. Sunil Kant
33	Costing of Healthcare Associated Infection in Paediatric ICUs of AIIMS	2012	Dr. Jitender Sodhi	

34	To evaluate the existing Medicine & Pediatric Intensive Care Units at main Hospital, AIIMS in terms of structure, process and outcome against established guidelines	2012	Dr. Vijaydeep Siddharth	Dr. S. Satpathy Dr. Shakti K Gupta Dr. Sandeep Agarwala Dr. Sanjeev Sinha Dr. Rakesh Lodha
35	To study composition role and functioning of various Committees in AIIMS with reference to NABH standards and to propose evaluation model vis-à-vis its functioning	2012	Dr. Shilpi Verma	
36	Assessment of the training needs and developing the template for leadership development programme for Healthcare Leaders	2013	Dr. Neeraj Garg	Dr. Shakti K Gupta Dr. Aarti Vij Dr. Sanjay Arya Col. Sunil Kant Dr. R.M. Pandey Lt.Col.S.K. Patnaik
37	To study and evaluate the existing Disaster Management Plan of AIIMS in view of the prevailing risks and vulnerabilities and to suggest a draft comprehensive Disaster Management Plan to include both internal and external disasters	2013	Dr. S.K. Dutt	Dr. D.K. Sharma Dr. Shakti K Gupta Dr. I.B. Singh Col. Sunil Kant
38	Study to determine the prevalence and circumstances of needle stick injury among healthcare workers at AIIMS	2013	Dr. S.K. Barua	Dr. Sidhartha Satpathy Dr. Shakti K Gupta Dr. Aarti Vij Dr. R.M. Pandey Dr. N.K. Arora
39	A study on the training needs of Nursing Personnel at AIIMS and identification of Preferred Approaches to Performance Improvement	2013	Dr. Sheetal Singh	Dr. Sanjay Arya Dr. Shakti K Gupta Dr. D.K. Sharma Dr. R.M. Pandey
40	A study of medico-legal documentation at JPNA Trauma Centre, AIIMS and to develop a standard template for the electronic medico legal documentation	2013	Dr. Anki Reddy	Dr. Shakti K Gupta Dr. S. Satpathy Dr. I.B. Singh Dr. R.M. Pandey Dr. Adarsh Kumar Dr. Deepak Agarwal
41	Study of Employees Health Scheme at AIIMS, compare it with select organized Health Schemes of employees and prepare a Model Health Scheme	2014	Dr. Nishith Mittal	Dr. Shakti K Gupta Dr. D.K. Sharma Dr. Sanjay Arya

42	A study of Patient Grievance Redressal System at AIIMS	2014	Dr. Palaskar Manisha Kondiba	Dr. Shakti K Gupta Dr. S. Satpathy Dr. I.B. Singh Dr. Roma Mitra Debnath
43	Application of Operations Research Techniques in improving patient flow processes at Dr. R.P. Centre, AIIMS, New Delhi	2014	Dr. Meeta Tyagi	Dr. Shakti K Gupta Dr. S. Satpathy Maj. Gen. Rajvir Singh Brig. Sunil Kant Dr. Sanjeet Singh Col. Rakesh Verma
44	Study the waiting time for elective surgical procedures in select surgical specialties at AIIMS hospital, analyze the factors leading to wait time and suggest ways to reduce the same	2015	Dr. Sapna Ramani Sardana	Dr. Shakti K Gupta Dr. D.K. Sharma Dr. Aarti Vij Dr. S.S. Kale Dr. P.N.Dogra Dr.P.P. Kotwal Dr. P.N. Sharma Dr. S.C. Sharma
45	A study on risk assessment of work place violence in AIIMS Hospital	2015	Dr. Ruchi Garg	Dr. Shakti K Gupta Dr. D.K. Sharma Dr. Anoop Daga Dr. Mahesh R
46	To study the existing workflow pattern of CT scanners in the department of radio diagnosis at AIIMS (Main Hospital) and to implement lean six sigma principles for operational efficiency.	2016	Dr. Vijay Tadia	Dr. Shakti K Gupta Dr. Sanjay Arya Dr. Arun Kumar Gupta
47	An interventional study to assess the patient flow processes in select In-patient areas with a view to enhance patient experience at Dr. R.P. Centre for Ophthalmic Sciences, AIIMS, New Delhi	2018	Dr. Innayath Kabir	Dr. Shakti K Gupta Dr. Anoop Daga Dr. P. Kumar
48	A comparative study of the Emergency Department of select hospitals in Delhi, with 100 and above beds, against standing guidelines.	2019	Dr. Kshitija Singh	Dr. Shakti K Gupta

Academic Qualification

Graduation	Year of Passing	No. of attempts	College/University from which graduated
Bachelor of Medicine and Bachelor of Surgery (Hons.)	1979	One	Govt. Medical College, Jammu
Post-graduation	Year of Passing	No. of attempts	College/University from which received post-graduation degree
Masters in Hospital Administration	1989	One	AIIMS, New Delhi

Training Abroad

Country	Period	Course Content
Singapore	6-10 Sept 1999	“Hospital Management Programme for Chief Executives of Asia Pacific” from National University of Singapore.
USA	30 th March to 6 th June 1997	WHO fellowship from USA on Accident and Emergency services including Disaster Management.
USA	15-18 Sept 1998	Study Meeting on East-West Telemedicine organized by East-West Telehealth Inc., Department of Business Economic Development & Tourism, State of Hawaii, USA
USA	10-28 March 1997	Workshop on Healthcare Financing & Reform, Western Consortium of Public Health. International Health Programmes, Santa Cruz, USA.

Personal Information

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