



# ANNUAL REPORT 2019-20



अखिल भारतीय आयुर्विज्ञान संस्थान

बठिंडा  
पंजाब

**All India Institute of Medical  
Sciences  
Bathinda  
Punjab**



डॉ. मनसुख मांडविया  
Dr. Mansukh Mandaviya  
माननीय केंद्रीय मंत्री  
Hon'ble Union Minister  
स्वास्थ्य एवं परिवार कल्याण और रसायन एवं उर्वरक, भारत सरकार  
Health and Family Welfare and Chemicals and Fertilizers, Govt. of India



डॉ. भारती प्रविण पवार  
Dr. Bharati Pravin Pawar  
माननीय राज्य मंत्री  
Hon'ble Minister of State  
स्वास्थ्य एवं परिवार कल्याण, भारत सरकार  
Health and Family Welfare, Govt. of India

# ANNUAL REPORT 2019-20



## ALL INDIA INSTITUTE OF MEDICAL SCIENCES BATHINDA, PUNJAB

Mandi Dabwali Road, AIIMS Bathinda.  
Phone: 0164-2867005 (Admin Office)  
Website: [www.aiimsbathinda.edu.in/](http://www.aiimsbathinda.edu.in/)  
Email: [adm.aiimsbti@gmail.com](mailto:adm.aiimsbti@gmail.com)

## FROM THE PRESIDENT'S DESK

Prof. S C Sharma has been appointed as the president of the ALL India Institute of Medical Sciences Bathinda. Born in 1955, Dr Suresh Chandra Sharma did MBBS from SMS Medical College, Jaipur (Rajasthan), and MS (ENT) from Post Graduate Institute of Medical Education and Research, (PGIMER) Chandigarh. After this, he worked as Faculty at PGI Chandigarh in various capacities till March 2000 when he joined the ENT department of AIIMS New Delhi. Since then, he has been an integral part of AIIMS, New Delhi and credited with various developments at the department.



At AIIMS he was involved in Skull base surgery, and surgery for Head & neck Paraganglioma, Cochlear implant, Robotic and minimal invasive Surgery for Head & Neck tumours. He is actively involved in basic research in the field of Oral cancer and Cholesteatoma has numerous national, international accolades to his credit.

**Message:** I convey my greetings to all faculty members & students associated with this institution for its grand success. I have every hope that this institute will continue to play its able part in the medical education sphere and will direct its efforts towards the hall-round development of the students.



## FROM THE DIRECTOR'S DESK

Professor D K Singh joined as the founder Executive Director of AIIMS, Bathinda on 27.06.2020. Professor Singh envisions to fulfil the mandate of this institute by developing it into a centre of excellence in medical care, a state of art facility for medical training and research.

Prof. D. K. Singh has immense experience in hospital management and medical education. Before joining AIIMS Bathinda, he was working as the director of Rajendra Institute of Medical Sciences (RIMS), Ranchi. His extra-ordinary work and dedication won him accolades for achieving many milestones for RIMS Ranchi.



**Message:** We all have a very important role in the development of our Malwa belt, not only in treating the patients but also in the overall development of this region. We need to focus our research on the diseases particularly prevalent in this region and to identify local problems like food and water adulteration. Which might be the contributing factors in marking this area as a cancer belt. Each day is important for us to achieve this milestone.

I request all the students and staff to work towards achieving the aims and objectives of institutes of national importance like AIIMS. I assure you full cooperation from the administration of AIIMS Bathinda. I wish you all good luck and hope to celebrate the next institute day with more achievements.

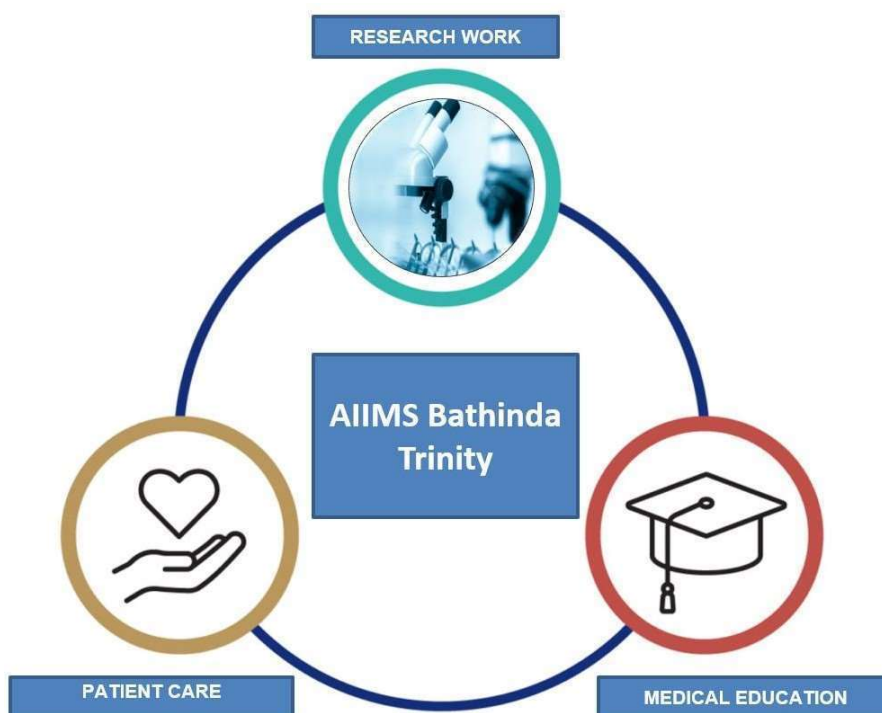
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA****BACKGROUND AND SPIRIT OF AIIMS BATHINDA**

1. AIIMS Bathinda has been raised under the Central Sector Scheme, Pradhan Mantri Swasthya Suraksha Yojana (PMSSY), which was approved by Cabinet in 27<sup>th</sup> July 2016 with the primary objective of correcting the regional imbalances in availability of affordable/reliable tertiary level healthcare in the country in general, and to augment facilities for quality medical education in under-served or backward States, in particular. Hence 21 New AIIMS Projects had been conceptualized under PMSSY.

2. **Vision.** The new AIIMS at Bhatinda envisions to provide super specialty health care to the population of the Malwa region in Punjab and adjoining states by creating a large pool of doctors and other health workers that can be available for primary and secondary level institutions/facilities being created under National Health Mission (NHM). The institute will also conduct research on prevalent regional diseases and other health issues and provide for better control and cure of such diseases. The population in Punjab and adjoining regions will be benefited by this endeavour.

3. **Trinity - The Mission of AIIMS Bathinda is: -**

- (a) Education of diverse health professionals
- (b) Research in biomedical sciences;
- (c) Patient care at the highest care level



**4. Objectives of AIIMS Bathinda.**

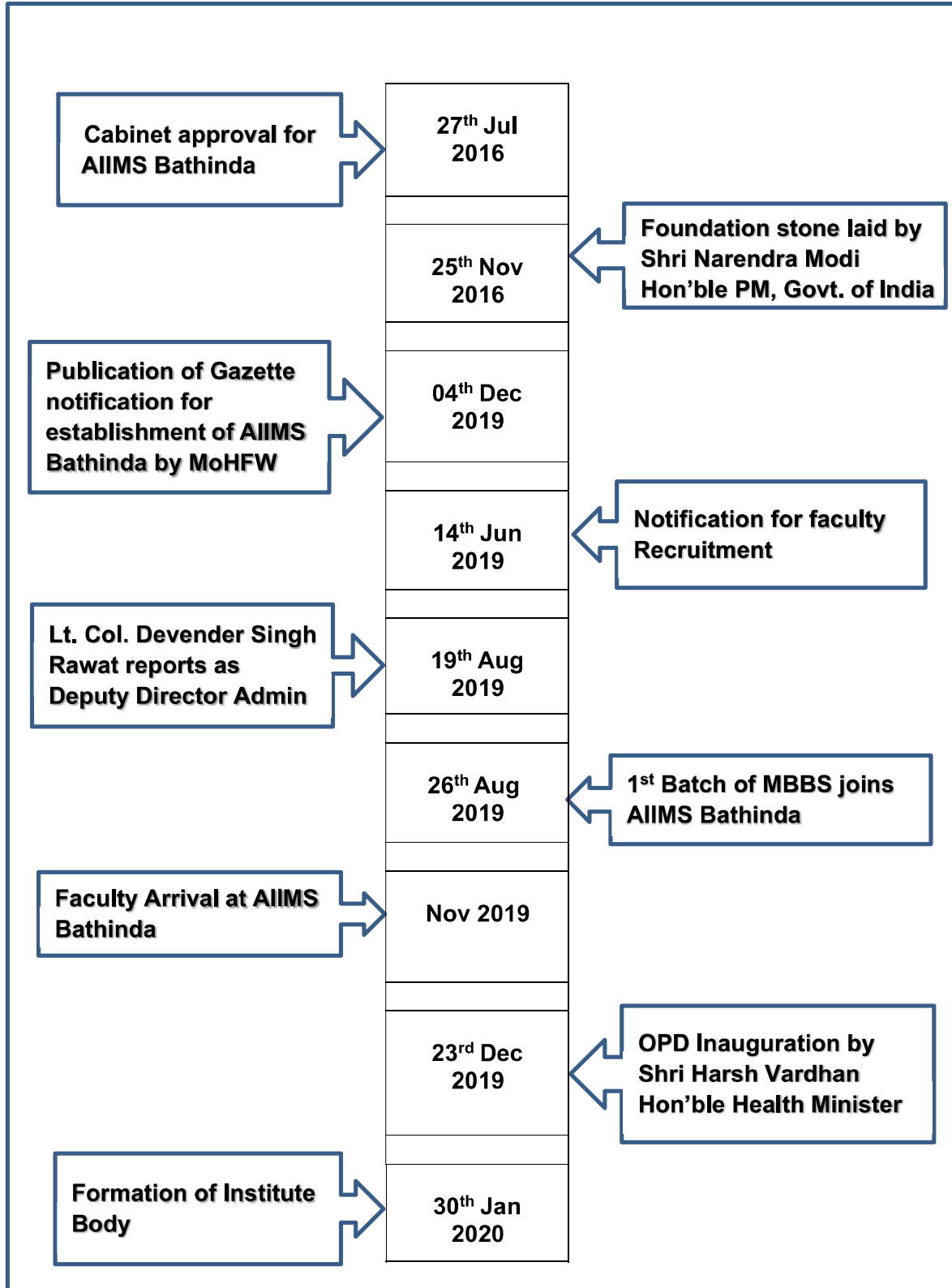
- (a) To develop a pattern of teaching in undergraduate and postgraduate medical education in all its branches so as to demonstrate high standard of medical education to all medical colleges and other allied institutions in India.
- (b) To bring together in one place educational facilities of the highest order for the training of the personnel in all important branches of the health activity.
- (c) To attain self-sufficiency in postgraduate in medical education.
- (d) To provide state of the Art Medical services to the population of the region.

**5. Functions of AIIMS Bathinda.**

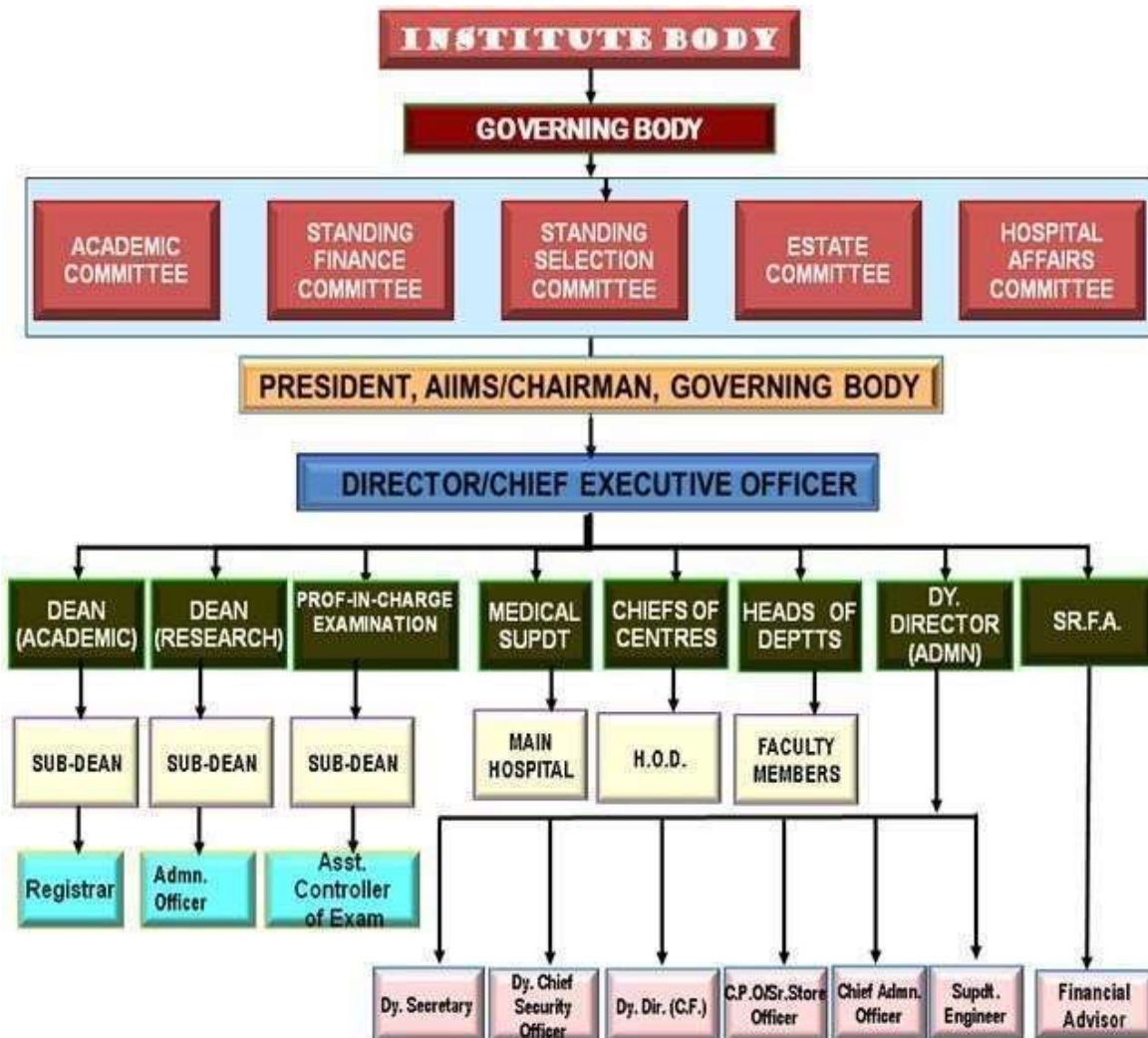
- (a) Undergraduate and postgraduate teaching in medical and related physical biological sciences.
- (b) Nursing and dental education
- (c) Innovations in education.
- (d) Producing medical teachers for the country.
- (e) Research in medical and related sciences.
- (f) Health care: preventive, promotive and curative; primary, secondary & tertiary.
- (g) Community based teaching and research
- (h) Section 14 of the AIIMS Act, 1956 provides as under:
  - (i) Provide for undergraduate and post-graduate teaching in the science of modern medicine and other allied sciences,
  - (j) Provide facilities for research in the various branches of such sciences;
  - (k) Provide for the teaching of humanities in the under graduate course;
  - (l) Conduct experiments in new methods of medical education, both under graduate and post-graduate,
  - (m) Prescribe courses and curricula for both undergraduate and postgraduate studies; and.
  - (n) Notwithstanding anything contained in any other law for the time being in force, establish and maintain:
    - (i) One or more medical colleges with different departments including a department of preventive and social medicine

- (ii) One or more well-equipped hospitals;
  - (iii) A dental college with such institutional facilities for the practice of dentistry
  - (iv) A nursing college sufficiently staffed and equipped for the training of nurses;
  - (v) Rural and urban health organizations which will form centers for the field training
  - (vi) Other institutions for the training of different types of health workers, such as physiotherapists, occupational therapists
- (o) Train teachers for the different medical colleges in India.
  - (p) Hold examinations and grant such degrees, diplomas and other academic distinctions
  - (q) Institute, and appoint persons to, professorships, readerships, lectureships and post of any description
  - (r) Receive grants from the Government and gifts donations, bequests and transfers of properties, both movable and immovable
  - (s) Deal with any property belonging to, or vested in the Institute in any manner which is considered necessary for promoting the objects specified in section 13.
  - (t) Demand and receive such fees and other charges as may be prescribed by regulations.
  - (u) Construct quarters for its staff and allot such quarters to the staff in accordance with such regulations
  - (v) Borrow money with the prior approval of the Central Government on the security of the property of the Institute.
  - (w) Do all such other acts and things as may be necessary to further the objectives of AIIMS Bathinda.

**AIIMS BATHINDA : MILE STONES AND TIMELINES**





**ORGANIZATION CHART**

# **Statutory Bodies**

**INSTITUTE BODY (IB)**

In Exercise of powers conferred by section 4 of the AIIMS ACT, 1956 (25 of 1956) as amended by AIIMS (Amendment) Act, 2012 (37 of 2012), the Institute Body was constituted by the Central Government vide Gazette Notification No. 616(E) dated 30<sup>th</sup> January, 2020 (F.No. Z-28016/170/2018- PMSSY-IV) as under:

S.No	Members	Status in IB
1.	Dr S.C. Sharma, Former Head Otolaryngology and Head & Neck Surgery, AIIMS Delhi	President
2.	Shri. Shwait Malik, Member of Parliament, Rajya Sabha	Member
3.	Shri. Sukhbir Singh Badal, Member of Parliament, Lok Sabha	Member
4.	Shri. Gurjeet Singh Aujla, Member of Parliament, Lok Sabha	Member
5.	Shri. Rajesh Bhushan, Secretary, Ministry of Health & Family Welfare	Member
6.	Smt. Vini Mahajan, IAS, Chief Secretary, Govt. of Punjab	Member
7.	Prof. (Dr.) Sunil Kumar, Director General of Health Services, Govt. of India	Member
8.	Dr. Dharmendra Singh Gangwar, Additional Secretary & Financial Advisor, Ministry of Health & Family Welfare, Govt. of India	Member
9.	Prof. Ajay Kumar Sharma, Vice Chancellor, I.K. Gujral Punjab Technical University, Jalandhar, Punjab	Member
10.	Prof. Rajeev Ahuja, Director, IIT Ropar	Member
11.	Prof. K.S. Rangappa, General President, Indian Science Congress Association, Kolkata	Member
12.	Prof. Anil Kumar Gupta, Senior Professor & Head, Post Graduate Institute of Medical College	Member
13.	Dr. Kamlesh Upadhyay, Professor and in-charge, HoD Medicine, Byramjee Jeejeebhoy Medical College and Hospital, Ahmedabad, Gujarat	Member
14.	Dr. Ashok Panagariya, Professor Emeritus, Sawai Man Singh Medical College, Jaipur, Rajasthan	Member
15.	Dr. Rajiv Kumar, Professor & Head, Cardio-Vascular, DMC & Hospital, Ludhiana, Punjab	Member
16.	Dr. Yogendra Malik, Associate Professor, Bhagat Phool Singh Govt. Medical College, Sonapat, Haryana	Member
17.	Prof. (Dr.) Dinesh Kumar Singh, Executive Director, AIIMS Bathinda	Member-Secretary

**GOVERNING BODY – AIIMS BATHINDA**

Sr.	Status in Governing Body	Members
1.	President of the Institute	Prof. S.C. Sharma, Former Head Otolaryngology and Head & Neck Surgery, AIIMS Delhi
2.	Secretary, Ministry of Health & Family Welfare, Gol	Shri. Rajesh Bhushan, IAS, Secretary, MoHFW, Gol
3.	Chief Secretary, Government of Punjab	Smt. Vini Mahajan, IAS, Chief Secretary, Government of Punjab
4.	Director General of Health Services (Ex-Officio)	Prof. (Dr.) Sunil Kumar, Director General of Health Services, Govt. of India
5.	Representative of the Ministry of Finance (Ex-Officio)	Dr. Dharmendra Singh Gangwar, Additional Secretary & Financial Advisor, MoHFW, Gol
6.	Six Members of the Institute Body	(i) Shri Shwait Malik, Member of Parliament, Rajya Sabha
		(ii) Prof. Rajeev Ahuja, Director, IIT Ropar
		(iii) Prof. K.S. Rangappa, General President, Indian Science Congress Association, Kolkata
		(iv) Dr. Rajiv Kumar, Professor & Head, Cardio-Vascular, DMC & Hospital, Ludhiana, Punjab
		(v) Dr. Kamlesh Upadhyay, Professor and in-charge, HoD Medicine, Byramjee Jeejeebhoy Medical College and Hospital, Ahmedabad, Gujarat
		(vi) Prof. (Dr.) Dinesh Kumar Singh Executive Director, AIIMS Bathinda

**STANDING FINANCE COMMITTEE – AIIMS BATHINDA**

Sr.	Name of the Member	Status in SFC
1.	Shri. Rajesh Bhushan, IAS, Secretary, MoHFW, Govt. of India	Chairman
2.	Dr. Dharmendra Singh Gangwar, Additional Secretary & Financial Advisor, MoHFW, Govt. of India	Vice-Chairman
3.	Prof. (Dr.) Sunil Kumar, Director General of Health Services, Govt. of India	Member
4.	Smt. Vini Mahajan, IAS, Chief Secretary, Government of Punjab	Member
5.	Shri. Gurjeet Singh Aujla, Member of Parliament, Lok Sabha	Member
6.	Prof. Ajay Kumar Sharma, Vice Chancellor, I.K. Gujral Punjab Technical University, Jalandhar, Punjab	Member
7.	Dr. Yogendra Malik, Associate Professor, Bhagat Phool Singh Govt. Medical College, Sonapat, Haryana	Member
8.	Prof. (Dr.) Dinesh Kumar Singh, Executive Director, AIIMS Bathinda	Member-Secretary



**STANDING SELECTION COMMITTEE- AIIMS BATHINDA**

Sr.	Name of the Member	Status in SSC
1.	Dr. Ashok Panagariya, Professor Emeritus, Sawai Man Singh Medical College, Jaipur, Rajasthan	Chairman
2.	Dr. Rajiv Kumar, Professor & Head, Cardio-Vascular, DMC & Hospital, Ludhiana, Punjab	Vice-Chairman
3.	Prof. (Dr.) Sunil Kumar, Director General of Health Services, Govt. of India	Member
4.	Dr. Kamlesh Upadhyay, Professor and in-charge, HoD Medicine, Byramjee Jeejeebhoy Medical College and Hospital, Ahmedabad, Gujarat	Member
5.	Prof. Rajeev Ahuja, Director, IIT Ropar	Member
6.	Prof. Ajay Kumar Sharma, Vice Chancellor, I.K. Gujral Punjab Technical University, Jalandhar, Punjab	Member
7.	Prof. (Dr.) Dinesh Kumar Singh, Executive Director, AIIMS Bathinda	Member-Secretary

**STANDING ACADEMIC COMMITTEE- AIIMS BATHINDA**

Sr.	Name of the Member	Status in SAC
1.	Dr. Rajiv Kumar, Professor & Head, Cardio-Vascular, DMC & Hospital, Ludhiana, Punjab	Chairman
2.	Prof. Rajeev Ahuja, Director, IIT Ropar	Vice-Chairman
3.	Dr. Ashok Panagariya, Professor Emeritus, Sawai Man Singh Medical College, Jaipur, Rajasthan	Member
4.	Prof. (Dr.) Sunil Kumar, Director General of Health Services, Govt. of India	Member
5.	Prof. K.S. Rangappa, General President, Indian Science Congress Association, Kolkata	Member
6.	Prof. Ajay Kumar Sharma, Vice Chancellor, I.K. Gujral Punjab Technical University, Jalandhar, Punjab	Member
7.	Prof. Anil Kumar Gupta, Senior Professor & Head, Post Graduate Institute of Medical College	Member
8.	Dr. Yogendra Malik, Associate Professor, Bhagat Phool Singh Govt. Medical College, Sonapat, Haryana	Member
9.	Prof. (Dr.) Dinesh Kumar Singh, Executive Director, AIIMS Bathinda	Member-Secretary

**STANDING ESTATE COMMITTEE- AIIMS BATHINDA**

Sr.	Name of the Member	Status in SSC
1.	Shri Shwait Malik, Member of Parliament, Rajya Sabha	Chairman
2.	Shri. Gurjeet Singh Aujla, Member of Parliament, Lok Sabha	Vice-Chairman
3.	Dr. Rajiv Kumar, Professor & Head, Cardio-Vascular, DMC & Hospital, Ludhiana, Punjab	Member
4.	Smt. Vini Mahajan, IAS, Chief Secretary, Government of Punjab	Member
5.	Dr. Dharmendra Singh Gangwar, Additional Secretary & Financial Advisor, MoHFW, GoI	Member
6.	Prof. Anil Kumar Gupta, Senior Professor & Head, Post Graduate Institute of Medical College	Member
7.	Prof. (Dr.) Dinesh Kumar Singh, Executive Director, AIIMS Bathinda	Member-Secretary

# Working Committees

**INTERNAL COMPLAINTS COMMITTEE (ICC)**  
**[PREVENTION OF SEXUAL HARASSMENT AT WORKPLACE]**

As per the guidelines issued by Ministry of Women and Child development, all the organizations having more than 10 personnel/officials must constitute an ICC committee in pursuance of the “Sexual harassment of Women at workplace Prevention, Prohibition and Redressal act 2013”. This act ensures that women are protected against sexual harassment at all work place be it in public or private. The act contributes to the realization of women’s right to gender equality, life and liberty in working conditions everywhere. The sense of security at workplace will improve women’s participation in work resulting in their economic empowerment and growth.

In this context an ICC committee was duly constituted by AIIMS Bathinda vide letter no. AIIMS/Bathinda/Admin/OO-29 dated 11-Aug-2020.

S.No.	Name	Designation
1.	Dr. Lajya Devi	Chairperson
2.	Dr. Ajay Kumar	Member
3.	Dr. Priti Chaudhary	Member
4.	Dr. Anuradha Raj	Member
5.	Dr. Navita Aggarwal	Member
6.	Dr. Vaibhav Saini	Member
7.	Jitender Aneja	Member
8.	Dr. Sapna Sheeba Marcus	Member
9.	Dr. Preeti Singh Dhoat	Member
10.	Nursing Officer	Member

The committee organizes regular lectures on “Orientation of Sexual harassment at work place against women” at AIIMS Bathinda to sensitize the students, faculties, nurses, staffs, supporting staffs and administration on various occasions. The aim of this sensitization programme is to create awareness amongst the employees of AIIMS Bathinda regarding the POSH (Prevention of sexual harassment) act 2013. The contact details of the committee are also displayed on all the notice boards at college campus, OPD premises and hostel premises.



## **INFORMATION TECHNOLOGY (IT) CELL**

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All India Institute of Medical Sciences, Bathinda has a functional IT cell and it has its own website which is maintained in house by its IT cell. AIIMS Bathinda is in the process of drafting an IT vision document which envisages comprehensive information, communication, technology enabled environment in AIIMS, Bathinda. AIIMS, Bathinda has recruited 2 Programmers (IT) on contractual basis and has also created the Information Technology cell as under to assist the Administration.

**Website: - The IT cell designed and developed the Website of the institute. The IT cell continued to maintain the website and add functionality as and when required. Website provides all information related to following points: -**

- (a) News & Events
- (b) Procurement
- (c) Recruitment
- (d) Citizen charter
- (e) Grievance Form
- (f) Hospital Services
- (g) Departmental
- (h) Exams and Results
- (i) Enquiry
- (j) Gallery

**Website also contains following links to register directly to avail hospital services.**

- (a) Online OPD registration.
- (b) Tele-Consultation through ORS Portal.
- (c) eSanjeevani OPD.



**Queue Management System (QMS):** - The IT Cell has designed and developed the queue management system for the management of patient's queue for various departments in the hospital. QMS is running on the LED displays installed in OPD Block. The QMS system is bilingual and works in both English as well as Punjabi language.

The screenshot displays the Queue Management System (QMS) dashboard. At the top left, it says "Dashboard Queue Management" and at the top right, "Home - Dashboard". The dashboard consists of four main display panels arranged in a 2x2 grid:

- Top Left (Blue):** "0 To 90 Department of Orthopaedics Block 'B'".
- Top Right (Green):** "0 To 100 Department of General Medicine Block 'C'".
- Bottom Left (Blue):** "0 ਤੋਂ 90 ਹੱਡੀਆਂ ਦਾ ਵਿਭਾਗ ਬਲਾਕ 'ਬੀ'".
- Bottom Right (Green):** "0 ਤੋਂ 100 ਜਨਰਲ ਮੈਡੀਸਨ ਬਲਾਕ 'ਸੀ'".

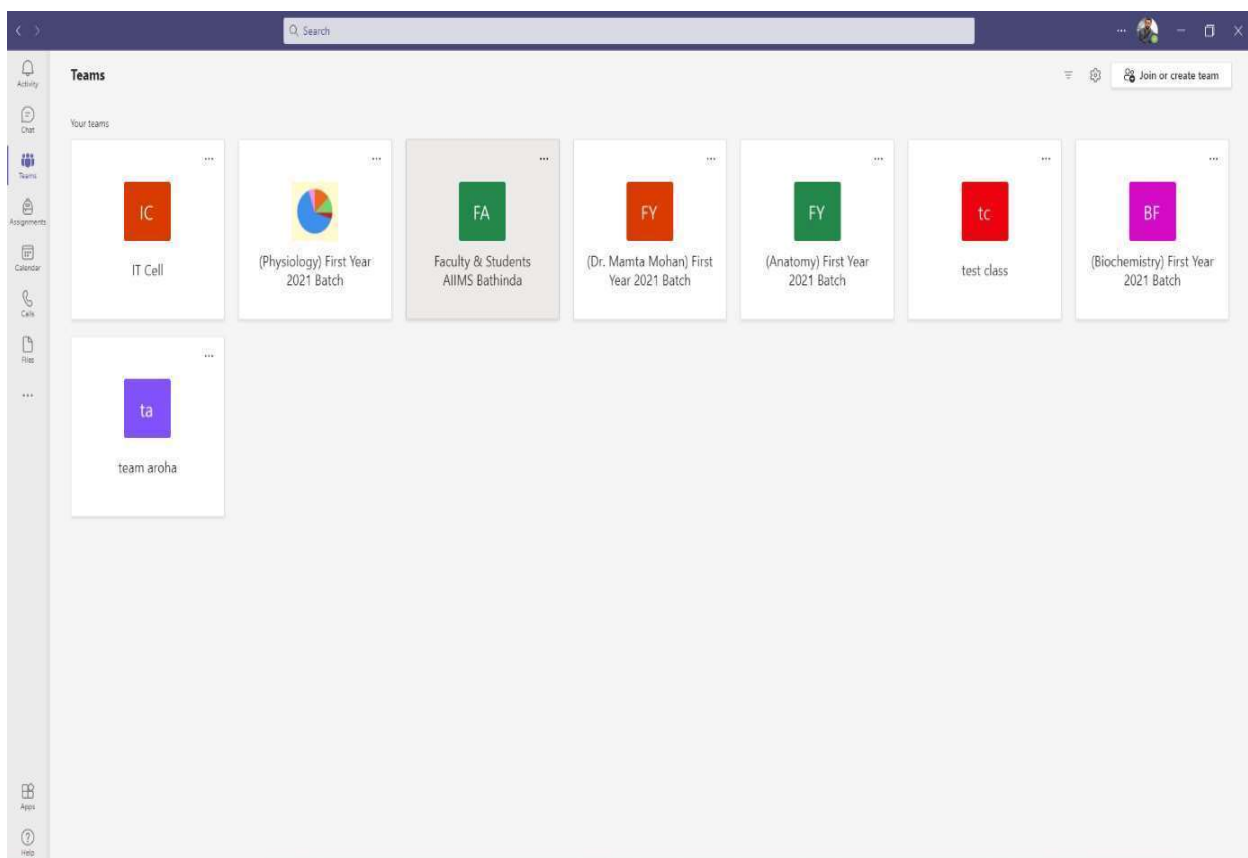
Below these panels is a red alert banner with the following text:

**Alert!**  
COVID-19 spreads primarily from person to person. Fighting this disease is our joint responsibility. Protect yourself and others by maintaining social distancing.  
ਕੋਵਿਡ -19 ਮੁੱਖ ਤੌਰ 'ਤੇ ਇੱਕ ਵਿਅਕਤੀ ਤੋਂ ਦੂਜੇ ਵਿਅਕਤੀ ਵਿੱਚ ਫੈਲਦੀ ਹੈ। ਇਸ ਬਿਮਾਰੀ ਨਾਲ ਲੜਨਾ ਸਾਡੀ ਸਾਂਝੀ ਜ਼ਿੰਮੇਵਾਰੀ ਹੈ। ਸਮਾਜਿਕ ਦੂਰੀ ਬਣਾ ਕੇ ਆਪਣੇ ਆਪ ਦੀ ਅਤੇ ਦੂਜਿਆਂ ਦੀ ਰੱਖਿਆ ਕਰੋ।

**Learning Management System (LMS):** - Platforms that are implemented by IT Cell and are used for LMS as mentioned below: -

**Google Workspace:** - In addition to the website & QMS, IT cell has been providing mail services through G Suite (Google Workspace). The extension of this service has enabled the use of Google Classrooms as a basic LMS service for the departments in the campus. File sharing and recording of lecture is available in this platform. Various apps are available through workspace such as Google calendar, Meet, Assignments, Forms and sheets etc.

**Microsoft Teams:** - Online classes, Assignments can be taken through MS Teams. Faculty can interact one to one as well as with whole class using Teams as well as email with Microsoft account. File sharing and recording of lecture is available in this platform. Data storage of 1 TB per account is given by Administration to store, transfer data such as video lectures, assignments, photographs etc.







**eSanjeevani OPD:-** A doctor to patient telemedicine system has been deployed nationally for the Ministry of Health & Family Welfare under Ayushman Bharat Scheme of Government of India. The scheme is particularly useful during times of pandemic Covid-19 as it helps people avoid going out to consult a doctor or visit a hospital. Through eSanjeevani OPD, anyone can seek medical advice and medication through audio and video. With the introduction of this service, people living in the remotest areas will also be able to get their health related consultation.

AIIMS Bathinda started Teleconsultation using portal eSanjeevani OPD. Admin Panel in which new entries of Doctors for various departments, record updation is maintained by IT Cell.



The advertisement features a banner with the following elements:

- Logos for the Ministry of Electronics and Information Technology, Government of India; Digital India; and eSanjeevani OPD (Stay Home OPD).
- A banner with the text "Digital India AatmaNirbhar India".
- A portrait of Prime Minister Narendra Modi.
- The text: "eSanjeevani National Telemedicine Service: Providing Risk-free, Contactless & Safe healthcare services".
- A large "6 Years of Digital India" logo.
- A list of participating institutions under the heading "Digital Healthcare":
  - Numerous premier institutions are offering general and specialised services through eSanjeevani:
    - AIIMS Bathinda
    - AIIMS Bibinagar
    - AIIMS, Rishikesh
    - AIIMS Kalyani
    - Lady Hardinge Medical College and Hospital
  - eSanjeevani services are now available free of cost through 3.75 lakh Common Service Centres across the country.
- An image of a smiling woman sitting at a laptop, giving a thumbs up.

**Video Conferencing (VC) Room:-** VC Room is installed in first floor of Medical Block, AIIMS Bathinda by IT Cell using various devices such as Electronic Lactren, Interactive Panel, Video End Point, Microphones etc. Administration is using this vc room for videos conferences such as meetings, lectures, interviews etc.

**Social Media:-** Social Media Social is intended to provide individuals the ability to access information quickly and communicate with others. AIIMS Bathinda utilize these tools and websites to share information with consumers in a variety of ways such as sharing general information through Content sharing like videos, photographs, text posts etc. IT Cell is maintaining the various platforms of social media of AIIMS Bathinda to enable better outreach with people.

**Facebook (FB) & Twitter:-** Official FB page (<https://www.facebook.com/aiimsbathinda>) & Twitter (<https://www.twitter.com/Aiimsbathinda>) of AIIMS Bathinda regularly posts on these platforms, related to patient care, events, important days, Lectures etc.

**Youtube:-** Official Page on Youtube ([https://www.youtube.com/channel /UCMkwNBzLFNCIG2TsE7emceg](https://www.youtube.com/channel/UCMkwNBzLFNCIG2TsE7emceg)) is used to interact with people for patient welfare through videos using Video Lectures, Exercise videos etc.

**MEDIA CELL**

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**Prof. Satish Gupta** was designated, as Official Spokesperson of AIIMS, Bathinda by PGIMER Chandigarh being our Mentor Institute as per order No. F.11012/EI(I) BTH/2020 on 17.04.2020.

The Official Spokesperson has successfully organized press conferences, press meets and ensured continuous dissemination of information for the benefit of general public, at large.

# **ADMINISTRATIVE REPORT**

**ADMINISTRATION, FINANCE AND PROJECT****Details of Project Cell Post**

Director	Dr DK Singh
Deputy Director (Administration)	Lt. Col. Devender S. Rawat
Financial Advisor (Additional Charge)	Shri Abhay Kumar, FA, PGIMER
Administrative Officer	-----
Superintendent Engineer	-----
Executive Engineer (Civil)	-----
Executive Engineer (Electrical)	-----

**The Administrative Division is broadly responsible for the following tasks:**

- (a) Manpower planning and Recruitment, Human Resources
- (b) General Administration
- (c) Project implementation
- (d) Establishment matters of faculty and non-faculty
- (e) Security
- (f) Disciplinary matter
- (g) Vigilance
- (h) Engineering Services
- (i) Stores and Procurement
- (j) Parliament questions
- (k) Coordination of meetings of Statutory Bodies
- (l) Constitution of various committee to look into functioning of Institute
- (m) Implementation of Right to Information Act
- (n) Works assigned by Ministry/ Director, AIIMS

**BRIEF OF AIIMS, BATHINDA PROJECT****Project Details:**

1. Location: District Bathinda, Punjab.
2. Land Area: 177 Acres.
3. Approved Project Cost by MoHFW, Gol, New Delhi: Rs. 925.00 Crores
4. Executing Agency: M/s HLL HITES, Noida, Uttar Pradesh.
5. EPC Contractor: M/s. NCC Limited, Hyderabad.
6. Procurement support Agency: M/s HLL HITES
7. Work Commencement: 08 June, 2018.
8. Brief of Construction is as follows:
  - (a) Hospital Block: 750 Bedded with OPD, IPD, AAYUSH
  - (b) Academic Block: Medical College, Nursing College
  - (c) Residential Block: Residences and Hostels for Doctors, Nurses, Employees and Students; Guest House and Night shelter
9. Scheduled Date of completion of Entire Project: June 2020 (The project is delayed due to COVID-19 and now the expected date of completion is September, 2021)





**OPD & DIAGNOSTIC BLOCK, AIMS BATHINDA**





**SUMMARY OF FACILITIES PLANNED/PROVIDED**

<b>Sr No</b>	<b>Buildings/Particulars</b>	<b>Planned/ Provided</b>
1.	Main Hospital Block	720 beds
2.	AYUSH Hospital	30 beds
3.	Medical College and Nursing College	100 admissions (Medical College)
4.		60 admissions (Nursing College)
5.	Auditorium	500 seats
6.	Night Shelter	150 people
7.	Shopping Centre	1
8.	UG Hostel Boys	242 nos.
9.	UG Hostel Girls	242 nos.
10.	PG Hostel	80 nos.
11.	Working Nurses Hostel	150 nos.
12.	Student Nurses Hostel	288 nos.
13.	Guest House	15 rooms

**PHASE WISE DEVELOPMENT OF AIIMS BATHINDA – PLANNED**

Phases	Construction and functioning of Building/ Components of Works to be completed along with all associated E&M, services & utilities
<b>Phase-I :10 Months</b>	<ol style="list-style-type: none"> <li>1. Hospital (OPD &amp; Diagnostic Facilities)</li> <li>2. Related Services Block, Electric Substation, HVAC Plant Room, STP cum ETP, Fire Pump room with WTP &amp; UGTs, and other related services.</li> <li>3. Related Roadwork, parking, pathways, external drainage, external development including electrical services, horticulture, signages etc. covering areas from entrance gate to OPD block.</li> </ol>
<b>Phase-II - :14 Months</b>	<ol style="list-style-type: none"> <li>1. Director's Residence,</li> <li>2. Guest House,</li> <li>3. Medical and Nursing College</li> <li>4. UG Student's Hostels (Boys &amp; Girls)</li> <li>5. Nursing Hostel (Working &amp; Students)</li> <li>6. Type II Apartment (One Block)</li> <li>7. Type III Apartment (One Block)</li> <li>8. Type IV Apartments</li> <li>9. Dining Block</li> <li>10. Related Services Block, Electric Substation, HVAC Plant Room, STP, STP cum ETP, Fire Pump room with WTP, UGTs, WTP &amp; UGTs and related services</li> <li>11. Related Roadwork, parking, pathways, external drainage, external development including electrical services, signages etc. covering areas around above-mentioned blocks.</li> </ol>
<b>Phase-III :16 Months</b>	<ol style="list-style-type: none"> <li>1. AYUSH Block (30 Beds),</li> <li>2. Hospital Building (315 beds), Casualty/Trauma Centre, MGPS</li> <li>3. Type II Apartment (One Block)</li> <li>4. Type V Apartments</li> <li>5. Night Shelter</li> <li>6. Roadwork, parking, pathways, external drainage, external development including electrical services, signages etc. related to above mentioned blocks.</li> </ol>
<b>Phase-IV :24 Months</b>	<p>Completion of project with all Buildings and infrastructure including the following:</p> <ol style="list-style-type: none"> <li>1. Hospital Building (addl. 405 beds)</li> <li>2. PG Hostel</li> <li>3. Auditorium Block</li> <li>4. Cafeteria,</li> <li>5. Shopping Centre</li> <li>6. Fire Station</li> <li>7. Animal House</li> <li>8. Roadwork, parking, pathways, external drainage, external development, landscaping, horticulture including electrical services, signages etc. for complete project.</li> </ol>

**HOSPITAL COMPLEX**

**The 750 Bedded Hospital shall comprise of the following blocks / departments:**

(a) Hospital Block

- i. Specialty Departments - 360 Beds
- ii. Super Specialty Departments - 215 Beds
- iii. Other Facilities - 145 Beds

**(b) Total - 720 Beds**

(c) AYUSH Block - 30 Beds

**Total Beds - 750 Beds**

**RESIDENTIAL COMPLEX – FUTURE/PLANNED**

Blocks/ Category	Total Requirement	Present stage of development		Future provision in the master plan	Total provision in the master plan
		Required	Provided		
	A	B	C	D	C+D
Director Residence	1	1	1		1
Type II Apartments	665	64	64	604	668
Type III Apartments	1806	18	20	1788	1808
Type IV Apartments	482	18	16	468	484
Type IV (s) Apartments	291			292	292
Type V Apartments		6	6	208	214
Type VI Apartments				44	44
<b>Total</b>	<b>3503</b>	<b>107</b>	<b>107</b>	<b>3404</b>	<b>3511</b>





**BRIEF TIME LINE OF EVENTS**

1. **Cabinet Approval.** The Union Cabinet chaired by the Prime Minister Shri Narendra Modi approved the establishment of a new AIIMS at Bhatinda in Punjab under the Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) on 27-July-2016.
2. **Foundation Stone.** The foundation stone for AIIMS at Bathinda was laid on 25th November 2016 by Prime Minister Narendra Modi. On this occasion, Punjab Chief Minister Parkash Singh Badal, Union Health minister J P Nadda, Deputy Chief Minister Sukhbir Badal, Union minister Harsimrat Kaur Badal, Union minister and Punjab BJP Chief Vijay Sampla, among others were also present.



3. AIIMS Bathinda was planned as a 750-bedded premier medical institute on 177 acres of land on the Bathinda-Dabwali Road with an outlay of Rs 925 crore. The institution will include Emergency/Trauma Beds, AYUSH Beds, Private Beds and ICU Specialty & Super Specialty beds. In addition, there will be an Administration Block, AYUSH Block, Auditorium, Night Shelter, Hostels and residential facilities. It will include 10 specialty and 11 super specialty departments. It will also have 16 ultra- modern operation theatres. It will have 100 seats in medical college and 60 seats in nursing college.
4. **Mentor Institute and Initial Activities.** Postgraduate Institute of Medical Education and Research (PGIMER) was assigned as its mentoring institution in August 2019. Lt Col Devender Singh Rawat joined the Institute as Deputy Director Administration on 20 Aug 2019. The Institute activities commenced from the temporary office of HITES, which was the Executing and the Procurement Agency for AIIMS Bathinda Project. NCC Ltd was awarded the contract for the construction of AIIMS Bathinda.
5. **First Phase of Faculty Recruitment.** Faculty Posts for AIIMS, Bathinda, Punjab were advertised (Advertisement No. PGI/RC/2019/006/2647 dated 14.06.2019) by the Mentor Institute, i.e., PGIMER, for which the Interviews before the Standing Selection Committee of the Institute were held between 27 Jul 2019 to 30 Jul 2019. 20 Faculty members were selected on 08 Aug 2019 primarily for the conduct of first year MBBS classes in the department of Biochemistry, Community Medicine, Anatomy and Physiology.



6. **Commencement of MBBS Course.** AIIMS Bathinda was allotted 50 seats for the first session with 24 seats for general category students, 14 reserved for OBCs, 8 for SCs, 4 are reserved for ST students and 2 seats reserved for persons with disabilities (PwD). Classes for the first batch of the MBBS course of AIIMS Bathinda started on 26<sup>th</sup> August 2019 at Baba Farid University of Health Sciences (BFUHS), Faridkot campus on a temporary basis, with a mutual understanding at a cost of Rs One Crore. The course commenced with 49 MBBS students onboard.



7. **Second Phase of Faculty Recruitment.** Additional Faculty Posts for AIIMS, Bathinda, Punjab were advertised during Sep by the Mentor Institute, i.e., PGIMER, for which the Interviews before the Standing Selection Committee of the Institute were held October and November 2019. Approx. 40 Faculty members, 10 Senior Residents and 32 HAs were selected, who joined AIIMS Bathinda in a staggered schedule between November and December 2019.



8. **Possession of Phase 1 Infrastructure.** HITES projected the need of taking over the Phase 1 infrastructure of AIIMS Bathinda by AIIMS Bathinda Administration. A civil team comprising of Civil and Electrical Executive Engineers from the Mentor Institute PGIMER reached AIIMS Bathinda during Nov for carrying out the preliminary investigations to find the suitability of



taking over the civil assets from HITES, based on which it was decided that the following buildings could be taken over from HITES depending upon the rectification of observations made by the PGIMER civil team.

- (a) OPD Building.
- (b) Guest House.
- (c) Ayush Building.
- (d) Director Residence.
- (e) ESS-1 services.

9. **OPD Inauguration.** The outpatient department (OPD) was inaugurated on 23<sup>rd</sup> December 2019, by the Hon'ble Minister of Health and Family Welfare i.e., Shri Harsh Vardhan in the august presence of Smt Harsimrat Kaur Badal, the Hon'ble Minister of Food Processing Industries, Shri OP Soni, Ministry of Medical Education and Research, Punjab, Shri Balbir Singh Sidhu, Ministry of Health, Punjab. The following department commenced their OPD functioning at AIIMS Bathinda. AIIMS Bathinda witnessed an influx of 100 patient on its very first day of the OPD itself, a good sign, which indicated the very necessity of establishing the Institute in the region: -

- (a) OPD Facilities
  - (i) Dentistry
  - (ii) Dermatology
  - (iii) ENT
  - (iv) General Medicine
  - (v) General Surgery
  - (vi) Obst and Gynae
  - (vii) Ophthalmology
  - (viii) Orthopaedics
  - (ix) Paediatric Surgery
  - (x) Psychiatry.
  - (xi) Radiation and Surgical oncology.
  - (xii) Urology

(b) **Diagnostic Facilities.** Various diagnostic like the blood test and urine test also commenced at AIIMS Bathinda wef 23 Dec 2019.





10. **Recruitment of Non-Faculty for AIIMS Bathinda.** In the month of April and May 2020, the recruitment of essential administrative staff and other non-faculty also culminated. The associated staff and non-faculty reported at AIIMS Bathinda in a staggered schedule between May to June 2020. The joining of the regular staff assisted the formulation of various administrative processes at AIIMS Bathinda.



11. **Joining of Executive Director AIIMS Bathinda Dr. D.K Singh.** Professor D.K. Singh joined as the founder Executive Director of AIIMS, Bathinda on 27 Jun 2020. Professor D.K. Singh envisions to fulfil the mandate of this institute by developing it into a centre of excellence in medical care, a state of art facility for medical training and research. Prof. D. K. Singh has immense experience in hospital management and medical education. Before joining AIIMS Bathinda, he was working as the Director of Rajendra Institute of Medical Sciences (RIMS), Ranchi. His extraordinary work and dedication won him accolades for achieving many milestones for RIMS Ranchi. As the Officer on Special Duty for India's largest trauma centre, he established the 324 bedded trauma Centre at BHU.



**FACULTY AND NON-FACULTY STATUS – AS ON 31 MAR 2020**

During the year, Faculty and Non- Faculty recruitment was done with the active assistance of PGIMER Chandigarh (Mentor Institute). Accordingly, the Sanctioned and working Strength of faculty and Non-faculty in FY2019-20 is as follows:

<b>Sr</b>	<b>Category</b>	<b>Sanctioned Strength</b>	<b>In-position (As on 31.03.2020)</b>
1	Project Cell	8	3
2	Faculty	183	61
3	Residents and Tutors	32	26
4	Nursing College and Hospital Services	915	45
5	Others (Group A)	03	01
6	Others (Group B and C)	20	01
	<b>Total</b>	<b>1161</b>	<b>137</b>

### **Early operationalization of AIIMS Bathinda**

The Government of India (PMSSY, MoH & FW) and the Govt. of Punjab (MoH & FW Department) entered into an MOU for early operationalization of AIIMS, Bathinda from a temporary campus. The State government provided hostel for the 1<sup>st</sup> year MBBS students for one year. In the permanent campus, the State Government is mandated to provide encumbrance free land, approach road, electricity connection, water supply and sewerage disposal. Government of Punjab also issued instructions to various departments to waive off statutory dues and to process AIIMS Bathinda establishment related matters on priority.

# **ACADEMIC REPORT**

**BY  
DEAN**

**DEPARTMENT OF ANAESTHESIOLOGY AND CRITICAL CARE**

1. The Department of Anaesthesia & Critical Care took footing with the establishment of a six bedded resuscitation area complete with amenities to provide initial stabilization and resuscitation to patients in need of the same on 23<sup>rd</sup> December, 2019. Since then, we have been providing resuscitation services and services for minor OPD procedures. The department also has joined hands with the Department of Psychiatry for the novel Thiopentone-abreiation procedures. With the onset of the COVID-19 pandemic, the department has been leading from the front for the development of COVID Isolation ward and Level-2 Covid care facility in alliance with the department of General Medicine.

The department has been taking its baby steps and is a proud owner of state-of-the-art equipment including the latest ventilators, High Flow Nasal Oxygen machines, Anaesthesia workstation and fibreoptic bronchoscope.

The department strives to provide excellent and safe Anaesthesia to its patients.

**DR NAVNEH SAMAGH. ASSISTANT PROFESSOR****PUBLICATIONS**

1. Samagh N, Singh N, Jangra K, Kumar A. Endovascular Coiling in a Patient with Chronic Kidney Disease—A Challenge for Anesthesiologist. *Journal of Neuroanaesthesiology and Critical Care*. 2020 Jun 1.

2. Kaur R, Naik BN, Samagh N, Singh N. Delayed presentation of negative pressure pulmonary oedema. *Airway*. 2020 Jan 1;3(1):49.

**BOOK CHAPTER**

1. Jangra K, Samagh N. Antihypertensives. In *Pharmacology in Clinical Neurosciences* 2020 (pp. 769-915). Springer, Singapore.

**COURSE CO-ORDINATION**

1. Research Methodology held at AIIMS, Bathinda
2. Compression Only Life Support (COLS) - Organizing Secretary

**PROJECTS****PRIMARY INVESTIGATOR:**

1. Oxytocin use in Caesarean section among Anaesthesiologists in India: A Survey Study
2. Neck ROM in turbaned vs non-turbaned population, implication on difficult airway access.

**CO- INVESTIGATOR:**

1. Knowledge of Basic Life Support: A Cross-sectional study among the healthcare workers of a tertiary care centre.
2. Effect of Jaw And Neck Exercises on Parameters of Airway Assessment".
3. Impact of BLS training on knowledge and skills of first year medical students.

**DR JYOTI SHARMA, ASSISTANT PROFESSOR****PUBLICATIONS**

1. Kumar P\*, **Sharma J**, Johar S, Singh V. Guiding Flexible-Tipped Bougie Under Videolaryngoscopy: An Alternative to Fiberoptic Nasotracheal Intubation in Maxillofacial Surgeries. J Maxillofac Oral Surg. 2020 Jun;19(2):324-326.
2. **Sharma J\***, Kumar P, Singhal S. Crossed-scissor manoeuvre - An underutilised technique of mouth opening for airway management: Boon for out-of-hospital situations. Airway 2020;3:100-1
3. Kumar P, **Sharma J\***. Extubation is as important as intubation in CO VID 19. J Clin Anesth. 2020;66 :109934. doi:10.1016 /j.jclinane.2020.109934
4. Kumar P, **Sharma J\***, Yadav P, Moolchandani PK, Abhilasha, Vats J. CPAP Assembly on Tracheostomy Tube. Ann. Int. Med. Den. Res. 2020; 6(4):AN03-AN04.
5. Kumar P, Abhilasha, **Sharma J\***, Kaur K, Bharadwaj M, Singh A. Evaluation of audible leak versus pressure volume loop closure for polyvinyl chloride cuff and polyurethane microcuff in endotracheal tube inflated with air: a prospective randomized study. Med Gas Res. 2020;10 (ahead of print)
6. Kumar P\*, **Sharma J**. Big solution with small intervention. 2020 (ahead of print)
7. **Sharma J\***, Gupta A, Banerjee N, Arora N. A rigid scope for a soft tongue flap. J Anaesthesiol Clin Pharmacol .(ahead of print)

**AWARDS AND COURSES**

1. **Second Prize** for paper presentation titled “Anaesthetic Management For Coblation Of Tracheal Mass” In The XI National Conference Of All India Difficult Airway Association (AIDAA) in October 2020
2. “**AIRWAY MATTERS**” Course By UCL (University College London) And University College London Hospitals In February 2020.

**INVITED FACULTY**

1. Workshop on “Oxygen and High Flows in Airway Management” at AIRWAY 2020 by Airway Management Foundation, February 2020

**COURSES CONDUCTED**

Compression Only Life Support (COLS) for Hospital Staff.

**PRESENTATIONS**

1. Paper Presentation Titled "Inhalational Anaesthetics In ICU For Refractory Status Epilepticus. Initial Hitches And Experience" At Criticare 2020, 26<sup>th</sup> Annual Conference Of Indian Society Of Critical Care Medicine, February 2020
2. Paper Presentation Titled "Anaphylaxis" At 1<sup>st</sup> Yuva ISACON, September 2020
3. Paper Presentation Titled "Anaesthetic Management For Coblation Of Tracheal Mass" In The XI National Conference Of All India Difficult Airway Association (AIDAA), October 2020
4. Paper Presentation Titled "Endotracheal Intubation Comparing Airtraq And McCoy Laryngoscope In Patients With Simulated Immobilized Cervical Spine" In The XI National Conference Of All India Difficult Airway Association (AIDAA), October 2020
5. E-Poster Presentation In 59<sup>th</sup> Annual Conference Of ISA Delhi State Chapter, October 2020
6. Paper Presentation Titled " Bacteriological Diagnosis Of VAP : Blind Endotracheal Aspiration Or Bronchoscopic Brush Biopsy , What Is Better?" At E-CRITICARE, November 2020
7. Video Presentation In Just A Minute Session On "Crossed Scissor Manoeuvre: Jaw Thrust For Mouth Opening" At Ganga Anaesthesia Refresher Course, December 2020
8. Paper Presentation Titled " A Comparative Study Of Different Airway Management Devices In Simulated Trauma Patients" At Trauma 2020 ( 10<sup>th</sup> Annual Conference Of Indian Society Of Trauma And Acute Care) December 2020

**PROJECTS****PRIMARY INVESTIGATOR:**

1. Knowledge of Basic Life Support: A Cross-sectional study among the healthcare workers of a tertiary care centre
2. Effect of Jaw And Neck Exercises on Parameters of Airway Assessment"

**CO- INVESTIGATOR:**

1. Oxytocin use in Caesarean section among Anaesthesiologists in India: A Survey Study.
2. Impact of BLS training on knowledge and skills of first year medical students
3. Neck ROM in turbaned vs non-turbaned population, implication on difficult airway access.

**DEPARTMENT OF ANATOMY, AIIMS BATHINDA****INTRODUCTION**

- ADDITIONAL PROFESSOR& OFFICIATING HEAD - DR PRITI CHAUDHARY
- ASSOCIATE PROFESSOR- DR NAVITA AGGARWAL
- ASSISTANT PROFESSORS- DR APURBA PATRA  
-DR ANJALI SINGAL
- SENIOR DEMONSTRATORS - DR HARSIMRAN JIT SINGH

**WHITE COAT CEREMONY**

Started with a bang with White Coat Ceremony of newly admitted MBBS 1st Prof students in AIIMS Bathinda in collaboration with GGSMC Faridkot, graced by presence of Dr Jagat Ram, Director PGIMER Chandigarh & Dr Sameer Aggarwal, Nodal Officer AIIMS Bathinda.

**CADAVERIC OATH**

Cadaveric Oath was in sequence to White Coat Ceremony in September 2019, where every student pledged to respect cadavers and to learn through dissection upon it.

**ACADEMIC ACHIEVEMENTS**

- Achieved the target of successful completion of First Prof MBBS academic session despite the fact of non-availability of permanent campus of its own, of AIIMS Bathinda and hostile conditions at GGSMC Faridkot and also in adverse Covid 19 era, through online classes spread over months.
- Conducted Theory & Practical (offline) final examinations of MBBS First Prof at AIIMS Bathinda Campus taking all the necessary precautions to combat covid 19 infections.

**Other DEPARTMENTAL ACTIVITIES**

Working on Virtual anatomy skill lab & Body donation programme. Will be implicated as & when college building will be handed over to us.

**ACHIEVEMENTS OF FACULTY MEMBERS OF DEPARTMENT OF ANATOMY AFTER JOINING AIIMS BATHINDA****Dr Priti Chaudhary****1. AWARDS/HONOURS/ORATIONS:**

- Received Degree of Advance course in Medical Education
- Awarded sportsmanship certificate by Vice Chancellor of BFUHS, for successfully organizing Annual Sports meet 2019.



**2. POSITION HOLDING IN NATIONAL/INTERNATIONAL ACADEMIC SOCIETY:**

- Section Editor of National Journal of Clinical Anatomy
- Reviewer, National Journal of Clinical Anatomy
- Executive member of North States Chapter of Anatomical Society of India NSCASI (Now known as North Chapter of Anatomists Society NCAS).
- Reviewer & Member of National Advisory board in Journal of North Chapter of Anatomists-Society.

**3. PUBLICATIONS:**

- Original Research Articles- 6 in National & International journals
- Case report- 1
- Chapter in book- 1
- Editorial -1

**4. Institutional:**

- Member Secretary- Institutional Ethical Committee of AIIMS Bathinda.  
First ethical committee meeting of AIIMS Bathinda scheduled on 22-12-2020.
- Chief Vigilance Officer, AIIMS Bathinda  
Vigilance Awareness week celebrated (27<sup>th</sup> Oct – 2<sup>nd</sup> Nov 2020)
- Sub-Dean Examination  
Successful conducted First Prof examinations.
- Hostel Superintendent, Girls Hostel  
Made the rules & regulations, especially relevant to prevalent Covid era.
- Co-convener of Anti-Ragging committee  
Execution of several activities related to ant-ragging.
- Member of Institutional Inspection Committee.

**5. Course/Conferences Attended:**

- Participated as Chairperson in National conference of Anatomy (NATCON) 2019, organized by Anatomical society of India.
- Participated as Chairperson in Regional conference of Anatomy 2019, organized by North Chapter of Anatomical Science.
- Attended Workshop on "Publication and Peer Reviews" At Guru Gobind Singh Medical College Faridkot on 1<sup>st</sup> Oct 2019.
- Participated in many online CMEs & Webinars.
- Conducted exam as External Expert for Undergraduate & Postgraduate students.

**6. Projects approved:**

- Intramural project; Principal Investigator-Assessment of the knowledge, attitude, anxiety episode and perceived psychological impact of COVID-19 pandemic on medical undergraduate students.
- Intramural project; Co- Investigator- Topographic Anatomy of Zygomatico-facial foramen and its clinical implications

- Intramural project; Co- Investigator-Assessment of the knowledge, attitude and practice regarding organ donation among medical undergraduate students of various AIIMS in India.

#### **Dr Navita Aggarwal**

- Awarded Fellowship of Foundation for Advancement of International Medical Education and Research (FAIMER) from CMCL, (Christian Medical College and Hospital, Ludhiana)
- PUBLICATION: Aggarwal N, Sharma GL. Fetal ultrasound parameters: Reference values for a local perspective. Indian Journal of Radiology and Imaging. 2020 Apr 1; 30(2):149.
- Mentor to a student for ICMR STS 2020: Assessment of Knowledge of Cord Blood Banking among Health Professionals of Northern India.

#### **Dr Apurba Patra**

PUBLICATIONS: Five Research publications in International PUBMED indexed journal.

#### **ACADEMIC:**

1. Awarded the certificate of MNAMS from National Academy of Medical Sciences.
2. Appointed as Assistant Editor of National Journal of Clinical Anatomy.
3. Reviewer in Cureus scientific journals
4. Three Intramural Projects got approved by Research cell AIIMS, Bathinda: one as Principal Investigator, Two as co-Investigator
5. Organised Online CME on 'Dead Body management: Impact on Medical Education' and Research Methodology By NJCA.
6. Participated in certificate course on CBME Anatomy organised by MEU India
7. Participated in certificate course on Research Methodology by Springer nature, India.

#### **ADMINISTRATIVE & OTHERS:**

1. Awarded sportsmanship certificate by Vice Chancellor of BFUHS, for successfully organising Annual Sports meet 2019.
2. Member of Document verification committee, Counselling committee and Skill Lab
3. Member of departmental purchase committee
4. Officer in Charge of Laundry Services, AIIMS Bathinda
5. Executive member of Faculty association AIIMS, Bathinda
6. Organised workshops during Vigilance week celebration-2020

#### **Dr Anjali Singal:**

#### **Publications/Achievements**

- 8 publications in national & international journals
- Received Gold medal at CME on Cardiothoracic congenital defects; 2<sup>nd</sup> conference of North chapter of anatomists Society held on 12<sup>th</sup> Oct, 2019 at DMCH Ludhiana for best paper (2016)

**Institutional**

- Executive member of AIIMS Bathinda Faculty Association
- Member Secretary- Committee for setting up of Museum & Dissection Hall
- Member Secretary- Committee for Clinical Anatomy laboratory/skill laboratory
- Member –Purchase Committee of the Department
- Organized Quiz during Central Vigilance Awareness week celebration (27<sup>th</sup> Oct – 2<sup>nd</sup> Nov 2020)

**Course/Conferences Attended**

- Online course of study for competency Based Medical education (Anatomy) organized by MEU India, Aug- Nov 2020
- Participated in e-workshop on “Back to Basics: Building Statistical Literacy” organized by Integrated Association of Medical, Basic and Social Scientists; August 2020
- Attended Workshop on “Publication and Peer Reviews” At Guru Gobind Singh Medical College Faridkot on 1<sup>st</sup> Oct 2019
- Attended Webinar on body donation, embalming & cadaveric dissection: perspectives in COVID era, conducted by the department of Anatomy, MMIMSR, Mullana, Ambala, Haryana held on 31/08/2020

**Projects approved**

- Intramural project; Principal Investigator- Topographic Anatomy of Zygomatico-facial foramen and its clinical implications
  - Intramural project; Co- Investigator-General surgery junior residents perspective vis-à-vis gaps in Surgical oncology training
  - Intramural project; Co- Investigator-Assessment of the knowledge, attitude, anxiety episode and perceived psychological impact of COVID-19 pandemic on medical undergraduate students
- Editorial Member-** Acta Scientific otolaryngology

**Reviewer**

- Surgical and Radiological Anatomy
- Annals of otolaryngology and Rhinology

**DEPARTMENT OF BIOCHEMISTRY**

Department of Biochemistry at AIIMS Bathinda was established in August 2019 with a vision to be recognized as a centre for excellence in Biochemistry that provides medical education and training in research to understand the role of fundamental principles of Biochemistry in human health and diseases and provide professional diagnostic patient care at affordable cost with holistic approach.

**Research Achievements**

- Total **12 research proposals** were submitted to different funding agencies (DST, DBT, ICMR)
- **Two research projects are already sanctioned**
- **DST-SERB (Core Research Grant): Budget - ₹ 50 lakhs (approx)**
- **DST Haryana (HSCST): Budget - ₹ 15 lakhs**
- Total **10 research papers** were published in scientific journals of international repute with high impact factor in areas like stem cell, early cancer detection markers, host innate immunity by non coding RNA in dengue, bone maturity biomarkers, PAH, and pulmonary disorders.
- Faculty members were actively involved in scientific meetings on national and international platforms
- Sessions chaired - 2
- Oral presentations – 5
- Poster presentations - 2

**Patient Care and Diagnostic Services**

Diagnostic biochemistry laboratory started functioning since 24<sup>th</sup> December 2019.

- From the very first day of establishment of OPD, Department is running the diagnostic facility and providing test services like **FBS, PPBS, RBS, OGTT, Lipid profile, LFT, KFT, Electrolytes, Calcium, Phosphorus, and Amylase**. Within a year of its inception, biochemistry diagnostic lab has performed more than **60,000 diagnostic tests**.
- Diagnostic lab is equipped with two fully automated chemistry analyzers, Transasia-Erba Mannheim XL-1000, Siemens Rapid 500 ABG analyzer, ELISA reader, two electrolyte analyzer, three centrifuges, one deep freezer, and six refrigerators.
- Department of Biochemistry is providing routine clinical chemistry services from 9am to 5 pm (Monday to Friday), and from 9 am to 1 pm (Saturday).
- Department took initiative to start ABG analysis for COVID-19 positive patients admitted at AIIMS Bathinda.
- Department is planning to expand its test menu to provide diagnostic immunoassay services like Cancer markers, hormonal profile, iron profile, metabolites, markers of sepsis like CRP and Procalcitonin, Cardiac markers and Glycosylated haemoglobin (HbA1c test) to monitor glycaemic status of Diabetic patients.

- Total number of diagnostic tests conducted by Biochemistry Laboratory during the period of Dec 2019 to Dec 2020 is shown below in table.

S.No.	Test Name	No. of Tests
(a)	Blood Glucose	5334
(b)	Total bilirubin	4097
(c)	Direct bilirubin	4015
(d)	AST	5045
(e)	ALT	4987
(f)	ALP	3742
(g)	Total protein	3796
(h)	Albumin	3872
(i)	Urea	4265
(j)	Creatinine	5976
(k)	Uric acid	1302
(l)	Total Cholesterol	3199
(m)	Triglycerides	3234
(n)	HDL Cholesterol	3197
(o)	Calcium	1427
(p)	Phosphorous	593
(q)	Amylase	462
(r)	Sodium	1482
(s)	Potassium	1482
(t)	Chloride	1482
<b>Total tests</b>		<b>62989</b>

### Teaching-Learning Achievements

- The department implemented the UG teaching curriculum, aimed to impart knowledge at par with the recent developments in biochemistry and promote skill development in undergraduate medical students.
- **Problem based learning** related to core and applied concepts were introduced to improve the basic-clinical biochemistry connect.
- **Undergraduate seminar series** was started to encourage open discussion on essential topics in biochemistry and also to develop presentation skills and public speaking in undergraduates.
- **Innovative teaching methods** like audio-visual aids, role play, quiz were used to encourage active participation and student centered learning
- Department of Biochemistry also started monthly **journal club** and presentation by Faculty members, Senior residents and Senior demonstrators to encourage discussion on recent scientific research in Biochemistry.
- Additionally, the Department is also conducting **seminar series** presentation of technical staff on essential and recent advances in clinical biochemistry.

## Faculty Members

	Name of Faculty	Designation
	Dr Sanjay Kumar	Associate Professor & Head (Officiating)
	Dr Saket Sinha	Assistant Professor
	Dr Jitender Sharma	Assistant Professor
	Dr Himanshu Sharma	Assistant Professor
	Dr Rajani	Assistant Professor

## Project Grants:

S. No.	Faculty name	Title	Role	Agency	Cost in Approximation (Rs)	Status
1.	Dr Sanjay Kumar	1.To evoke Transplanted Stem cell Survival against Ischemic/Reperfusion injury through Pharmacological Preconditioning with Phosphodiesterase Inhibitor.	Principal Investigator	DST-SERB (CRG)	49.85 lacs	Approved
		2. Evaluation of Ashwagandha ( <i>Withaniasomnifera</i> ) in stem cell survival	PI	DBT	1.17 crore	Under Final review
		3. Establishment of DBT-NIDAN Kendras. Screening of pregnant women and newborns in Aspirational Districts Establishment of Training Centres on Clinical Genetics.	Co-PI	UMMI D	15 crore	Under review
		4. To start testing and treatment for Haemoglobinopathies and Hemophilia.	Co-PI	State Blood cell, NHMP	-	
		5. "Pharmacological Preconditioning of Stem cell using Phosphodiesterase Inhibitors (Tadalafil & Sildenafil) to evoke survival mechanisms against Ischemia/Reperfusion injury and their Transplantation for Tissues/Organs Regeneration"	PI	ICMR	-	Not funded

		6. "MicroRNA profiling of blood samples from various stages of cancer patients as novel diagnostic and prognostic biomarker for early detection of Cancer in Haryana population"	Principal Investigator	DST Haryana	15 lacs	
		7. "Comprehensive microRNA/circulating tumor DNA profiling at different stages of Breast and Lung cancer patients (as per WHO) from biological samples (blood, saliva, urine and stool) in Punjab and North-East population as novel diagnostic and prognostic biomarkers for early detection of cancer"	Principal Investigator	ICMR-ICRC	50 lacs	Not funded
2	Dr Saket Sinha	Assessment of the obesity profile of Chronic Kidney Disease (CKD) biomarkers in prediabetes and early diabetes mellitus: A pilot study	Guide	ICMR (Short term studentship)	Stipend to ST Fellow	Approved
3	Dr Jitender Sharma	1. Circulating MicroRNA signatures as non-invasive biomarkers to diagnose and characterize Bronchial Asthma. 2. Comprehensive microRNA/circulating tumor DNA profiling at different stages of Breast and Lung cancer patients (as per WHO) from biological samples (blood, saliva, urine and stool) in Punjab and North-East population as novel diagnostic and prognostic biomarkers for early detection of cancer	Principal Investigator  Co-PI	DST-SERB (SRG)  ICMR-ICRC	27 lacs  50 lacs	Not funded  Not funded



4	Dr Himan shu Sharma	1. Investigating role of altered extracellular vesicles miRNA cargo released in bronchoalveolar fluid of cystic fibrosis patients in attenuation of inflammatory signalling in cystic fibrosis epithelial cells.	Principal Investigator	DST	29.34 lacs	approved
		2. Investigating role of altered extracellular vesicles miRNA cargo released in bronchoalveolar fluid of cystic fibrosis patients in attenuation of inflammatory signalling in cystic fibrosis epithelial cells.	Principal investigator	DST	Rs 58.96 lacs	Under Review
		3. Comparative Analysis of Pesticide Toxicity with Altered Biochemical Parameters in the Plasma sample from Cancer Patients (under ICMR STS scheme)	Guide	ICMR	Stipend to STS-fellow	Funded
5	Dr Rajani	1. A prospective study to evaluate anemia as disease burden in geriatric patients at a tertiary care centre in Punjab.	Co-investigator	AIIMS Bathinda		Ongoing
		2. To start testing and treatment for Haemoglobinopathies and Hemophilia under the programme of Haemoglobinopathies (NHM Punjab) Dept of health and family welfare	Co-investigator	National Health Mission, New Delhi		Ongoing
		3. Role of cardiac biomarkers in prediction of early cardiac involvement, disease severity, morbidity and mortality of COVID-19 patients.	Principal Investigator	AIIMS Bathinda		Not feasible at present

**Publications:****1. Dr Sanjay Kumar, Associate Professor & Head (Officiating)**

S. No.	Title	Journal	Impact Factor	National/ International	Year
1.	Manju Yadav, Pooja Kumari, Varsha Yadav and <b>Sanjay Kumar</b> . Pharmacological Preconditioning with Phosphodiesterase Inhibitor: An answer to Transplanted Stem cell survival against Ischemic Injury through JAK/STAT signaling.	Heart Failure Reviews	4.2	International	2020
2.	Stem Cell & Regenerative Medicine. (Editor of book, under review).	SPRINGER		International	2019-20

**2. Dr Jitender Sharma, Assistant Professor**

S.No.	Title	Journal	Impact Factor	National/ International	Year
1.	Regulation of Host Innate Immunity by Non-Coding RNAs During Dengue Virus Infection. PMID: PMC7734804 PMID: <a href="#">33330133</a>	Frontiers in Cellular and Infection Microbiology	4.1	International	2020
2.	Study of the Clinical, Electrocardiographic and Biochemical Spectrum of Cardiovascular Complications in Patients with Aneurysmal Subarachnoid Hemorrhage - An Initial Experience at a Tertiary Centre in India	MAMC Journal of Medical Sciences	NA	National	2020

3.	Dietary antioxidants and Human Diseases	Hans Shodh Sudha - Vigyaan-Vaanijaya-Kala ka Shodh Sangam, Hansraj College	NA	National	
4.	Longitudinal evaluation of the association between Insulin-like growth factor-1, Bone specific alkaline phosphatase and changes in mandibular length. PMID: PMC6689053 PMID: <a href="#">31399639</a>	Scientific Reports	4.5	International	2019

### 3. Dr Himanshu Sharma, Assistant Professor

SI No.	Title	Journal	Impact Factor	National/ International	Year
1.	NADPH oxidase-mediated endothelial injury in HIV- and opioid-induced pulmonary arterial hypertension. PMID: 32233792)	American Journal of Physiology	4.4	International	2020
2.	Recent scenario of long non-codingRNAs as a diagnostic and prognostic biomarkers of prostate cancer.	Urologic Oncology: Seminars and Original Investigations	2.8	International	2020
3.	Prevalence of Y Chromosome Microdeletion in North-Indian Infertile Males with Spermatogenesis Defect	Journal of Genetics	1.0	International	2020 (under Revision)

**Dr Rajani Assistant Professor**

S. No	Title	Journal	Impact Factor	National/ International	Year
1	Huchegowda R, <b>Kumawat R</b> , Goswami B, Lali P, Gowda SH. Derivation of a new formula for the estimation of low-density lipoprotein cholesterol. Indian J Health Sci Biomed Res 2019;12:223-7.	Indian J Health Sci Biomed Res	NA	National	2019
2.	Kunal Deokar, Ram Niwas, Nishant Chauhan, Naveen Dutt, Priyank Jain, Shahir Asfahan, <b>Rajani Kumawat</b> . Recurrent pneumothorax, skin lesions and frequent urination. Breathe 2020; 16: 190318.	Breathe	2.01	International	2020

## Scientific Conference presentation/Awards:

S. No	Faculty name	Conference	National/International	Poster/Oral/Award/Session Chair	Year
	Dr Sanjay Kumar	1. North Zone Association of Clinical Biochemists (ACBI), AIIMS Jodhpur (Accepted, Cancelled due to COVID ) 2. 7 <sup>th</sup> international conference SFEC, Jamia Hamdard. 3. Science day celebration at AIIMS, Rishikesh. 4. National Biomedical Research Competition, at PGIMER, Chandigarh. 5. Integrated Association of Medical, Basic, and social Scientists at PGIMER, Chandigarh	International   International National National National	Oral  Award Session Chair, Oral, Award  Session Chair, Oral	2020  2020 2020 2019 2019
2	Dr Saket Sinha	Webinar: "Covid 19 vaccines – The science behind and challenges faced" 5 <sup>th</sup> Nov, Pondicherry, INDIA,2020	National	Invited talk	2020
3	Dr Jitender Sharma	72 <sup>nd</sup> American Association of Clinical Chemistry, Annual Scientific Conference and Clinical Lab Expo,	International	Presented Poster	2020

				Awarded membership of Society for Young Clinical Laboratorians (SYCL), AACC, USA	2019
4	Dr Himanshu Sharma	IAMBSS-Annual meeting	National	Invited speaker	2019
5	Dr Rajani Kumawat	ERS Congress 2019, Madrid; 11/2019, as one of the author	International	Poster	2019

### Photo gallery



**Dr. BHOLA NATH****Additional Professor and HOD, Department of Community and Family Medicine**

Additional qualification:

Awarded PhD this year from IIMR University

**Publications**

1. **Nath B**, Gupta SD, Kumari R. Effect of comorbidities on direct cost among type 2 diabetes mellitus (T2DM) patients in tertiary care government hospital in Uttarakhand, India: A primary data analysis of out of pocket expenditure. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020 Nov 11.
2. Yadav S K, Piyush A R, Gupta D, **Nath B**. Assessment of stress and its determinants among undergraduate medical students in Northern India. *Indian Journal of Public Health Research and Development*. (In Press)
3. **Nath B**, Gupta V, Kumari R. A Community-Based Study to Estimate Prevalence and Determine Correlates of Premature Graying of Hair among Young Adults in Srinagar, Uttarakhand, India. *International Journal of Trichology*. 2020 Sep 1;12(5):206.
4. **Nath B**, Gupta, SD, Kumari, R. Dental problems among diabetics: A case control study from Uttarakhand, India. *Indian Journal of Dental Research*. 2020 Jul 1;31(4):546.
5. Bartwal J, Nath B. Evaluation of nomophobia among medical students using smartphone in north India. *Medical Journal Armed Forces India*. 2020 Oct 1;76(4):451-5.
6. Kumari R, **Nath B**. Is sample size calculation only about numbers. *Asia Pacific Journal of Clinical Trials: Nervous System Diseases*. 2020 Jul 1;5(3):42.
7. **Nath B**, Kumari R, Hidayathulla B. Roles and challenges of statisticians in COVID 19. *Panacea Journal of Medical Sciences*; 2020; 10 (2): 174-175.
8. **Nath B**, A Dhankar, Kumari R. Changing paradigms of public health scenario. *Indian J Forensic Community Med* 2020;7(2):106-108
9. Semwal R, Yadav S K, Piyush A R, **Nath B**. Knowledge, attitude and perceived barriers of doctors towards hand hygiene in a govt. tertiary care hospital. *J Prev Med Holist Health* 2019;5(2):91-98

**Chapter in a Book:**

Written a chapter on “workplace-based prevention of diseases” in a book on fit India holistic health care for quality life

**Guest speaker**

1. Invited as Guest Speaker in a webinar on 'Public Health Scenario' by GCCB on 20th June 2020.
2. Invited as Guest Speaker in webinar on 'Role of Statisticians in COVID 19' by HNB University, Srinagar, Garhwal on 29th June 2020.\
3. Guest lecture in National Webinar on "A to Z about Dengue on 21<sup>st</sup> aug 2020 at Pt. L.M.S. P.G. College Rishikesh.
4. Invited as guest speaker in National Conference on Nutrition and Health 2020 Department of Community and Family Medicine, All India Institute of Medical Sciences, Mangalagiri, Andhra Pradesh on Advertisement of Nutritional products on 12 sep 2020
5. Chaired a session on "Strategies and status of Covid-19 Pandemic" in Annual National Conference of Epidemiological Association of India (EFICON 2020) is being organized by the All India Institute of Medical Sciences, Rishikesh on 19th December & 20th December 2020.

**Paper Presentation:**

Presented a paper and a poster in IAPSMCON 2020 and IPHA 2020 conferences at Mahabalipuram, Chennai and AIIMS New Delhi respectively.

**Training:** Worked as Trainer for Medical Officer/Counsellors, in HIV Sentinel surveillance

**Dr. SOUMYA SWAROOP SAHOO**

**Assistant Professor, Department of Community and Family Medicine**

**Publications:**

1. **Sahoo SS**, Khanna P, Verma R, Verma M, Mahapatra S. Social stigma and its determinants among people living with HIV/AIDS. A cross sectional study at a tertiary care centre in North India. J Family Med Prim Care 2020;9: 5646-51
2. **Sahoo SS** as part of GRID COVID-19 Study Group. Combating the COVID-19 pandemic in a resource-constrained setting: insights from initial response in India. BMJ Global Health 2020;5: e003416. doi:10.1136/ bmjgh-2020-003416
3. Verma M, Sharma P, Khanna P, Shrivastava R, **Sahoo SS**. Nutrition status of school children in Punjab, India: Findings from school health surveys. J Trop Pediatr. 2020 Nov 1; doi: 10.1093/tropej/Sahoo /fmaa068.
4. Jain M, Radhakrishnan RV, Mohanty CR, Behera S, Singh AK, **Sahoo SS**. Clinico-epidemiological profile of trauma patients admitting to the emergency department of a tertiary care hospital in eastern India. J Family Med Prim Care 2020; 9:4974-9
5. Verma M, Sharma P, Ranjan S, **Sahoo SS**, et al. The perspective of our future doctors towards organ donation: a national representative study from India. International Journal of Adolescent Medicine and Health. 2020;doi: 10.1515/ijamh-2020-0041
6. **Sahoo SS**, Sahu DP, Kankaria A. Mis-infodemic: The Achilles' heel in combating the COVID-19 pandemic in an Indian perspective. Monaldi Archives for Chest Disease 2020; 90:1405: 330-3



7. Bhatia V, Palepu S, Parida SP, Singh AK, **Sahoo SS**. Yellow fever vaccination: how much do travellers from Eastern India know? *Hum Vaccin Immunother* 2020;15: 2151-5
8. Patra S, Patro BK, Mangaraj M, **Sahoo SS**. Screening for depression in diabetes in an Indian primary care setting: Is depression related to perceived quality of life? *Prim Care Diabetes*.2020; Dec;14(6):709-13.
9. Panda UK, **Sahoo SS**, Saini R. Stigma and Substance use disorders: A contextual review from an Indian perspective. *Ann Indian Psychiatry* 2020;4: 118-21
10. Kankaria A, Duggal M, **Sahoo SS**. Buddy system may help in overcoming loneliness epidemic during social distancing. *BMJ* 2020; 369 doi: <https://doi.org/10.1136/bmj.m1379>
11. **Sahoo SS**, Panda UK, Parija PP. Cancer stigma: Are we asking the right questions? *Cancer Res Stat Treat* 2020; 3:640-1.
12. Gochhait S, **Sahoo SS**, Chhabra G, Mukhopahay AK, Sharma S. Role of D-dimer in patients of operable breast cancer with lymph node metastases: A matched cross-sectional study. *Oncol J India* 2020; 4:39-42

#### Chapter in Book:

1. Arora V, **Sahoo SS**. Insulin as an essential medicine. *Insulin Manual*. Aggarwal S, Kalra S. Delhi: Evangel Publishers, 2020. 369-75

Additional qualification:

Diploma Community Mental Health from NIMHANS, Bengaluru

#### Dr Madhur Verma

**Assistant Professor, Department of Community and Family Medicine**

#### Publications:

1. Sahoo SS, Khanna P, Verma R, **Verma M**, Mahapatra S. Social stigma and its determinants among people living with HIV/AIDS. A cross sectional study at a tertiary care centre in North India. *J Family Med Prim Care* 2020;9: 5646-51
2. **Verma M** as part of GRID COVID-19 Study Group. Combating the COVID-19 pandemic in a resource-constrained setting: insights from initial response in India. *BMJ Global Health* 2020;5: e003416. doi:10.1136/ bmjgh-2020-003416
3. **Verma M**, Sharma P, Khanna P, Srivastava R, Sahoo SS. Nutritional Status of School Children in Punjab, India: Findings from School Health Surveys. *J Trop Pediatr*. 2020 Nov 1; doi: 10.1093/tropej/fmaa068.
4. **Verma M**, Sharma P, Ranjan S, Sahoo SS et al. The perspective of our future doctors towards organ donation: a national representative study from India. *Int J Adolesc Med Health*. 2020
5. Grover S, **Verma M**, Singh T, Dahiya N, Nehra R. Screening for Abuse of Older Adults: A Study Done at Primary Health Care Level in Punjab, India. *Indian J Psychol Med*. 2020 Aug 10;025371762092878.
6. Tripathy JP, **Verma M**. Impact of Health Warning Labels on Cigarette Packs in India: Findings from the Global Adult Tobacco Survey 2016-17. *Behav Med*. 2020 Jul;1-10.

7. **Verma M**, Kathirvel S, Das M, Aggarwal R, Goel S. Trends and patterns of second-hand smoke exposure amongst the non-smokers in India-A secondary data analysis from the Global Adult Tobacco Survey (GATS) I & II. *Plos One*. May 2020
8. **Verma M**, Aydin H. Personal prophylaxis against COVID-19: A compilation of evidence-based recommendations. *J Pak Med Assoc*. 2020;(S-3):15–20.
9. Paryani RH, Gupta V, Singh P, **Verma M**, Sheikh S, Yadav R, et. al. Yield of systematic longitudinal screening of household contacts of pre-extensively drug resistant (PreXDR) and extensively drug resistant (XDR) tuberculosis patients in Mumbai, India. *Trop Med Infec Dis*. May 2020
10. Garg T, Gupta V, Sen D, **Verma M**, Brouwer M, Mishra R, et al. Pre-diagnostic loss to follow-up in an active case finding tuberculosis programme: a mixed-methods study from rural Bihar, India. *BMJ Open*. 2020;10(5):e033706. Published 2020 May 15.
11. **Verma M**, Grover S, Singh T, Dahiya N, Nehra R. Screening for cognitive impairment among the elderly attending the noncommunicable diseases clinics in a rural area of Punjab, North India. *Asian J Psychiatr*. 2020;50: 102001.
12. Saini N, Sangwan G, **Verma M**, Kohli A, Kaur M, Lakshmi PVM. Effect of Social Networking Sites on the Quality of Life of College Students: A Cross-Sectional Study from a City in North India. *Scientific World Journal*. 2020; 2020:8576023. Published 2020 May 1
13. LBD Double Burden of Malnutrition Collaborators. Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nature Med*. 2020;26(5):750-759.
14. Kalra S, Arora V, **Verma M**, Aggarwal S. Social Insulin resistance. *J Pak Med Assoc*. 2020; 70(10):1860-61
15. **Verma M**, Kalra S. Epidemiological transition in South -East Asia and its Public Health Implications. *J Pak Med Assoc*. 2020; 70(9):1661-1663
16. Goswami S, Gupta MD, Batra V, Girish MP, **Verma M**. India fights the invisible: A saga of strategies, hope, and resilience. *Int J Health Allied Sci* 2020;9: S117-9
17. Verma M, Punyani H, Kalra S. Social prescription in diabetes. *J Pak Med Assoc*. 2020; 70(3):552-553
18. Goel S, Kar SS, **Verma M**, Sivanatham P, Naik B. Evidence on Article 5.3 of FCTC (Tobacco Industry Interference in tobacco control activities) in India- a Qualitative scoping study. 2020. DOI: 10.21203/rs.3.rs-54074/v2

**Dr. Ankita Kankaria**

**Assistant Professor, Department of Community and Family Medicine**

**Publications:**

1. Verma M, Rana K, **Kankaria A**, Aggarwal R. Assessment of Patient's Satisfaction Visiting a Tertiary Health-Care Institute in North India. 2020. *Journal of Pharmacy and Bioallied Sciences* 12(3):252-61
2. **Kankaria A**, Gupta M, MD, Bashar MA, Aggarwal S, Murugan S Bhag C, Chaudhary K, Sandha KS, Jain R. Epidemiological investigation of an outbreak of Acute Viral Hepatitis A and E in a semi-urban locality in Chandigarh, North Indian Union Territory, 2016-17. *Journal of Family Medicine and Primary Care*. 2020 Apr 1;9(4):1856
3. Sahoo SS, Sahu DP, **Kankaria A**. Mis-infodemic: The Achilles' heel in combating the COVID-19 pandemic in an Indian perspective. *Monaldi Archives for Chest Disease* 2020; 90:1405: 330-3

**Dr Ramnika Aggarwal,****Associate Professor, Dept of CFM, AIIMS, Bathinda****Conferences:**

1. Attended National conference IPHACON 2020 at AIIMS, New Delhi and won **BEST paper award.**
2. Attended National conference IAPSMCON-2020 at Mahabalipuram and presented a paper.
3. Invited to present a guest lecture on the topic of 'preventive oncology' in conference 'Virtual MAPICON Bathinda 2020'

**Details of Projects**

1. Concurrent Evaluation of Population based NCD Screening in 5 Districts of Haryana under NPCDCS (On-going)
2. A study on knowledge and practices among beneficiaries regarding NPY (Completed)
3. Assessment of Client Satisfaction Visiting a Kalpana Chawla Government Medical College, Karnal, Haryana (Completed)
4. Identifying factors affecting health behaviour of tribes of Uttarakhand and developing dairy based interventions to improve their health and livelihood status (On-going)

**PUBLICATIONS – in last 2 year**

1. The perspective of our future doctors towards organ donation: a national representative study from India. Int J Adolesc Med Health 2020
2. Assessment of Patient's Satisfaction Visiting a Tertiary Health-Care Institute in North India. J Pharm Bioall Sci 2020
3. Non-Communicable diseases and their determinants: A Cross-sectional State-wide STEPS Survey, Haryana, North India. Thakur JS, Jeet G, Nangia R, Grover S, Lyngdoh T, **Aggarwal R**, Haroon M. ; BioRxiv 482117
4. Awareness about Palliative care among Interns in a Medical college in Punjab. Manuja, **Aggarwal R**, Ansari SF. J Adv Med Den Sci Res 2019; 7(6): 1-5
5. Candida tropicalis: Insight into the character and outcome of adult patients admitted in medical and surgical intensive care units. Sandhu R, **Aggarwal R**, Kumar S, Budhani D. Int J Res Med Sci 2019; 7(4)

**Projects:**

Bill and Melinda Gates Foundation

PI: Das R/ Mc Donald C

Period: 1/2020- 6/2024

Title: Study of Multiply-Fortified Salt Among Women of Reproductive Age in India

Role: Collaborator

NICHD R21

PI: Bagga R/Nadia D Smith

5/2020 -4/2022

Title: Development and Pilot Test of a mHealth Interactive Education and Social Support Intervention for Improving Postnatal Health

Role: Co-Investigator

ICMR grant

PI: Duggal M

3/2020- 2/2022

Title: "A tailored approach for development of comprehensive diabetic eye care model through integration of services at different level of public health facilities."

Role: Co-Investigator

NITI Aayog grant

P: Duggal M

Title: "Integration of an Artificial Intelligence Platform for Screening of Diabetic Retinopathy in Public Health Facilities: A Pilot Study from India

Period: 12/2020-2/2022

Role: Co-investigator

**Awards:**

Best Poster award at 64th Indian Public Health Association Conference, New Delhi (February 29-March 2, 2020)

Presentations in Conferences

Presented in Second Amrita International Public Health Conference, Kochi, Kerala (November 25- 26 2019)

Presented in 9th International Conference on Birth Defects and Disabilities in Developing World, Columbo, Sri Lanka (February 23-26, 2020)

**DEPARTMENT OF DENTISTRY**

Department of dentistry started its clinical services after the inauguration of outpatient facility at the All-India Institute of Medical Sciences, Bathinda on 23<sup>rd</sup> December 2019. Dentistry Team consists of four consultants and one senior resident who have worked relentlessly to provide best patient care.

1. 2610 patients were seen physically in the OPD.
2. 67 patients were provided teleconsultation during COVID 19 pandemic.
3. 300 procedures were carried in the department which includes oral Prophylaxis, restoration, prosthesis, extraction, flap surgeries, orthodontic treatment and other minor procedures

**Name: Dr Shailendra Singh Rana**

**Appt:** Assistant Professor (Dentistry)

**Publications**

Influence of tongue volume, oral cavity volume and their ratio on upper airway: A cone beam computed tomography study. J Oral Biol Craniofac Res

**Scientific Meetings/conference/Lectures attended:**

9<sup>th</sup> IOS Congress (20-22 Nov 2020)

**Research Projects as Principal Investigator**

1. A pilot study to derive the measurements of PA cephalogram image using orthopantomogram and Lateral cephalogram images estimating the magnification
2. Cervical Vertebrae Stage Prediction in Lateral Cephalogram using Reinforcement Learning Algorithms of Artificial Intelligence

**Name: Dr. Lata Goyal**

**Appt:** Assistant Professor (Dentistry)

**Total Citations: 263, h index 10, i10 index 12**

**Publications**

1. **Goyal L**, P Agarwal, GS Reddy, K Jain. Diagnosis and treatment considerations of atypical oral pain in tuberous sclerosis .Journal of Family Medicine and Primary Care 9 (4), 2121-2124
2. **Goyal L**, N Gupta, ND Gupta. Autologous platelet-rich derivatives along with alloplastic bone substitute in the management of complex perio-endo cases. Journal of Indian Society of periodontology 24 (2), 182-185
3. **Goyal L**, GuptaND, GuptaN, Chawla. Free Gingival Graft as a Single Step Procedure for Treatment of Mandibular Miller Class I and II Recession Defects. World Journal of Plastic Surgery 8 (1), 12-17
4. Chawla K, **Goyal L**. Book: Advances in Research and Future Directions. Nova Publishers, USA. ISBN 978-1-53619-042-7
5. Chaudhari PK, **Goyal L**, Rana SS, Dhingra K, N Kshetrimayum. Nanocomposites and nanoionomers for orthodontic bracket bonding. In: Innamuddin ed(s). Applications of Nanocomposite Materials in Dentistry. 1st ed . Woodhead Publishing (Elsevier Inc,UK);2019, 1-9

6. Chaudhari PK, Zere E, **Goyal L**, Almerco KKA, Dhingra K. Advance application of polymeric green composites in medical bioscience- Bone engineering. In: Innamudin Ed(s). Biomedical Applications of Green Composite 2: Therapeutic. 1st edition. Springer (UK), 2020 (In Press)
7. Chawla K, **Goyal L**. Precision Medicine in Dentistry In Chawla K & Goyal L (Eds). Advances in Research and Future Directions. 1st edition. Nova (USA), 2021(In press)
8. Chawla K, **Goyal L**. Applications of Nanomaterials in Dentistry In Chawla K & Goyal L (Eds). Advances in Research and Future Directions 1st edition. Nova (USA), 2021(In press)

#### **Research Projects (ongoing) as Principal Investigator**

1. Oral health status and oral health related quality of life in patients with metabolic syndrome: a cross sectional study
2. Treatment of gingival Recession using conventional vs minimally invasive coronally advanced flap with platelet rich fibrin in thin gingival biotype: A randomized controlled clinical trial **as Co-investigator.**
3. Oral care for palliative patients at All India Institute of Medical Sciences, Rishikesh (completed)

#### **Scientific Meetings/conference/Lectures attended:**

1. Periodontics for general practice by Dr. Balaji Manohar conducted by Dental Council of India
2. Laser in Periodontology by Sana Farista conducted by ISP
3. Perimplant Diseases and Conditions by Prof. Nikos Donos conducted by ISP
4. Regenerative Periodontal therapy on single rooted tooth by Alesaandro Quaranta conducted by ISP.
5. MDS Orientation Course conducted by ISP.
6. Malocclusion and its consequences presented by Dr. N.R. krishnaswamy Conducted by Dental Council of India
7. Management of impression materials, impressions and models in covid19 era *presented* by dr. Veena Jain conducted by Dental Council of India
8. Annual Continuing Dental education by Pierre Fauchard Academy USA.

#### **Scientific Presentations/ Lecture Delivered**

1. Resource Faculty for workshop on Hand Hygiene and Biomedical waste Management at Advanced Center of Continuous Professional Development, AIIMS Rishikesh.
2. Resource Faculty for workshop on Objective Assessment: Clinical Vignette at Advanced Center of Continuous Professional Development, AIIMS Rishikesh.
3. Resource Faculty for workshop on evidence-based Medicine Advanced Center of Continuous Professional Development, AIIMS Rishikesh.

**Name: Dr Tarun Kumar Singh**  
**Appt: Assistant Professor (Dentistry)**

### **Publications**

1. COVID-19 (SARS-CoV-2) Impact: Guidelines for Indian Dental Surgeons during dental procedures current scenario and future prospective Journal of Dentistry Defence Section(Under Review)
2. Evaluation the effect of tapered canal preparation on the retention of posts cemented with resin cement: An In-vitro study (Journal of Family Medicine and Primary Care (Under Review)

### **Scientific Meetings/conference/Lectures attended:**

1. ISDT Virtual Dental Trauma Conference 2020 (16-17 Oct 2020)
2. Informed consent - from dental surgeon's perspective (Presented by Dr.George Paul on 6 Sep 2020 (DCI Webinar)
3. Management of Traumatic injuries to young permanent teeth(Presented by Dr Virinder Goyal on 13 Sep 2020 (DCI Webinar)

### **Scientific papers presentation**

1. Paper presentation – Clinical Management of delayed Reimplantation of avulsed maxillary incisor (ISDT Virtual Dental Trauma Conference 2020)

### **Research Projects (Ongoing as Principal Investigator):**

1. Retention of posts luted with a resin cement in canals obturated using a calcium hydroxide-based sealer – An invitro study.

**DEPARTMENT OF ENT****Department of Otorhinolaryngology**

Department of Otorhinolaryngology started its clinical services after the inauguration of the outpatient facility at the All India Institute of Medical Sciences Bathinda on 23rd December 2019. Our faculty of two consultants have worked efficiently and relentlessly to render the best patient outcomes and satisfaction. The department has grown by leaps and bounds in the last year. We would like to highlight some important achievements of the department.

**Clinical services**

Department of otorhinolaryngology provided the following services at the outpatient clinic in AIIMS Bathinda.

1. 6227 patients were seen physically in the OPD
2. 147 patients were given consultations via teleconsultation
3. 310 procedures have been performed in the department (Otoendoscopy, Laryngeal Endoscopy, and Diagnostic Nasal Endoscopy)

**4. COVID-19 SAMPLE COLLECTION CENTRE**

Covid 19 sample collection center was inaugurated by The Director AIIMS Bathinda on 7.10.2020, with the help of nursing officers posted till date 642 nasopharyngeal samples have been taken.

5. Besides, the department is providing regular consultations via E-Sanjeevani since its launch.

**Academics**

1. The department has taken up its academic activities with keen interest since its inception.
2. Weekly seminars and journal clubs are being conducted in the department on a routine basis.
3. Tumor clinic in interdepartmental collaboration with the radiotherapy department is held every fortnight.
4. The first batch of undergraduate students is being routinely posted in ENT OPD.

**Faculty**

Dr. Vaibhav Saini	Associate Professor
Dr. Vikasdeep Gupta	Assistant Professor
Dr. Namita Verma	Senior Resident
Dr. Ankur Mohan	Senior Resident

**Publications**

1. Saini V, Pol SA, Yadav S, Subhash A. Obstructive laryngeal schwannoma - A rare tumor excised transorally. Saudi J Otorhinolaryngol Head Neck Surg 2020;22:24-7



2. Samor V, Sarowa D, Nayak PD, Saini V, Kaur G, Rathi U. Rare foreign bodies of upper aerodigestive tract: a study of 30 cases. *Int J Otorhinolaryngol Head Neck Surg* 2020;6:1307-10.
3. Vaibhav Saini, Devanshu Kwatra, Uma Rathi. Fractured tracheostomy tube presenting as a bronchial foreign body. *Visual Journal of Emergency Medicine*, Volume 19, 2020, 100728, ISSN 2405-4690
4. Saini V, Gupta N, Gupta V, Kaur A, Kaur G. Giant parathyroid adenoma presenting as neck swelling: A rare case report. *Saudi J Otorhinolaryngol Head Neck Surg* 2020; ACCEPTED MANUSCRIPT
5. Osteitis Fibrosis cystica: Classical case report of an uncommon presentation in a young female" Vaibhav Saini; NITIN GUPTA; Ankur Mohan; Vikasdeep Gupta; Kartik Kolluru- *Indian Journal of Otolaryngology and Head & Neck Surgery*

**(Accepted for publication)**

6. George JS, Kakkar V, Gupta V, Dheeraj S, Bhukar S, Vashisth S. Mastoid cavity obliteration with hydroxyapatite granules: A prospective study. *Saudi J Otorhinolaryngol Head Neck Surg* 2020;XX:XX-XX. – (Accepted for Publication)
7. Gupta V, Dogra SS, Bansal P, Thakur K, Sharma V, Verma D, et al. Hearing impairment in patients of hypothyroidism in sub Himalayan region. *Int J Otorhinolaryngol Head Neck Surg* 2020;6:1494-9.
8. Gupta V, Salaria N, Sharma N, Vandana, Kaur G. Unusual presentation of laryngotracheal injury due to electric burn. *IP J Otorhinolaryngol Allied Sci* 2020;3(3):1-3.
9. Nasopharynx harbouring ingested foreign body : Gupta G, Gupta V, Aditi, Kaur G, Raheja V, Verma N. *Saudi J Otorhinolaryngol Head Neck Surg* 2020 – accepted for publication
10. Kaur G, Mohan A, Mohan E, Aprajita, Mohan M. A Review of the Importance of Atypical Otorhinolaryngological Symptoms in the Screening of COVID-19 Patients. *Indian J Otolaryngol Head Neck Surg.* 2020 Aug 17;1-5. doi: 10.1007/s12070-020-02045-y. Epub ahead of print. PMID: 32837950; PMCID: PMC7430934.
11. Kalra C, Mohan A, Kaur G. (2020). An unusual case of Ayurvedic tablet as foreign body cricopharynx. *International Journal of Otorhinolaryngology and Head and Neck Surgery.* 6. 592. 10.18203/issn.2454-5929.ijohns20200643.
12. Kaur G, Mohan A, Aprajita, Mohan M COVID 19: concerns and preparedness among healthcare workers *International Journal of Otorhinolaryngology and Head and Neck Surgery* Kaur G et al. *Int J Otorhinolaryngol Head Neck Surg.* 2020 Jun;6(6):1044-1048 <http://www.ijorl.com>
13. Kaur G, Bhagat S, Sahni D, Sharma V, Mohan A. A comparative study of budesonide versus saline irrigations in postoperative care of patients with nasal polyposis. *B-ENT XX XXXX* 2020. DOI: 10.5152/B-ENT.2020.20004 [Epub Ahead of Print]

**(Accepted for publication)**

14. Mohan A, Bhagat S, Sahni D, Kaur G. Use of Glass Ionomer Cement for Incudostapedial Rebridging Ossiculoplasty. *B-ENT XX XXXX* 2020. 10.5152/B-ENT.2020.20004 [Epub Ahead of Print]

**(Accepted for publication)**

**Intramural Projects:****Dr. Vaibhav Saini**

Principal Investigator

- Neuropsychiatric Adverse effects of Montelukast therapy in Allergic Rhinosinusitis patients “.
- Prevalence of Otological Disorders Among School Going Children

Co-Investigator

- Prevalence of mental health disorders in Head and Neck cancer patients.
- Role of second-generation inhalation steroids on Intraocular pressure in patients diagnosed with allergic rhinitis in Indian Sub-Population

**Dr. Vikasdeep Gupta**

Principal Investigator

- Clinical and cephalometric relationship of the upper airway in adenotonsillar hypertrophy patients
- Age-Related Hearing Impairment: Association of Demography, Quality of life and Cognitive impairment

Co-Investigator

- Role of second-generation inhalation steroids on Intraocular pressure diagnosed with allergic rhinitis in Indian Population

**Extramural Multicentric Projects****• Dr. Vaibhav Saini**

CO - INVESTIGATOR

"Hindi Translation, cross culture adaptation and Multicentric validation of the Zurich Chronic Middle ear inventory (ZCEMI-21-Hin)" in Collaboration with Department of ENT at AIIMS, Rishikesh.

**Presentations as invited faculty****Dr. Vaibhav Saini**

- SPEAKER - Salivary Gland Tumors (9<sup>th</sup> ENT update 2020 held on 5<sup>th</sup> and 6<sup>th</sup> December 2020)
- MODERATOR- Ipaedia webinar on parotid gland tumors.

**Dr. Vikasdeep Gupta**

- SPEAKER- Role of the combination of LRTA & novel antihistamine (Bilastine) in the management of allergic rhinitis

**DEPARTMENT OF GENERAL MEDICINE****Dr. Preeti Singh Dhoat**

Associate Professor and HOD

**Dr. Amandeep Kaur**

Assistant Professor

**ABOUT THE DEPARTMENT**

The department of General Medicine was started with establishment of AIIMS Bathinda by Ministry of Health and Family Welfare Govt. of India on December 2019. As Department of General Medicine is backbone of any hospital, our department has been one of the key departments among all clinical specialties.

The Department works with a vision of serving the patients with multitude of medical ailments. Faculty members have been working tirelessly to provide the most dedicated patient care, academic and research work, thereby contributing in making the institute center of excellence in all respect.

**HIGHLIGHTS**

- a. Department has the busiest OPD in institute in the last annual year and OPD service was provided to 30,000 patients from far flung areas of the region.
- b. Setting up of 20 bedded COVID-19 Ward and successfully curing 83 patients without any mortality. Department of General Medicine also provided services to the Civil Hospital, Bathinda for effective management of COVID-19 patients.
- c. Telemedicine services including virtual medicine have been provided successfully to 820 patients.
- d. Cardiac Lab was started and adult and pediatric 2D ECHO is being done at minimal charges which has helped needy patients in and around Bathinda region.
- e. E- Sanjeevani services were made available to whole of north India region.
- f. Clinical Teaching: - The department has been conducting theoretical & practical teaching of undergraduates. The faculty in the department makes best effort to make these classes as interactive as possible.
- g. Clinical meet on "Topic Isolated Biceps Muscle Tuberculosis in a immunocompetent patient" was presented by the department of General Medicine.
- h. Series of clinical teaching of faculty members and senior residents regarding management of SARS COV-19 were conducted.

Dr. Preeti Singh Dhoat, Associate Professor HOD

- Nodal Officer for COVID-19 at AIIMS Bathinda.
- External Examiner for Undergraduate Medical Examination.

**Projects: Non-Funded**

1. To Analyze the clinical profile of COVID-19 positive patients associated comorbidities, outcome & follow up of the patients for post COVID sequelae at tertiary care center in north India.

2. To study the association of QTc interval and QTd dispersion in patients with uncomplicated metabolic syndrome.
3. Prevalence and outcome of comorbidities in patients with connective tissue disorder.
4. Epidemiology and genetic diversity of Rickettsia pathogen causing human infection in Punjab and Chandigarh.
5. A study to evaluate mental health outcomes among COVID-19 in patients at a tertiary care hospital in Punjab.
6. A prospective study to evaluate Anemia Disease burden in Geriatric patients at a tertiary care Centre in Punjab.
7. Health related quality of life in patients with Epilepsy receiving Anti-Epileptic drugs in a tertiary care teaching hospital in north India: A cross sectional study.

**Dr. Amandeep Kaur, Assistant Professor**

**Projects: Non-Funded**

1. To study the association of QTc interval and QTd dispersion in patients with uncomplicated metabolic syndrome.
2. Prevalence and outcome of comorbidities in patients with connective tissue disorder.
3. To Analyze the clinical profile of COVID-19 positive patients associated comorbidities, outcome & follow up of the patients for post COVID sequelae at tertiary care center in north India.
4. To evaluate the efficacy of new hematological parameters for screening of the COPD patients in tertiary care hospital.
5. Oral health status and Oral health related quality of life in patients with metabolic syndrome: Across Sectional Study.
6. Predicting 10 years cardiovascular risk using WHO/ISH risk prediction chart in patients visiting AIIMS Bathinda.
7. Impact of BLS Training on 1<sup>st</sup> year MBBS Students.

**DEPARTMENT OF GENERAL SURGERY**

Department of General Surgery started its clinical services after the inauguration of outpatient facility at the All India Institute of Medical Sciences Bathinda on 23rd December 2019. The department has grown by leaps and bounds in last one year.

The Department of General Surgery has continued its pivotal role in the functioning of the Institute. In all the three areas viz. Patient services, Teaching and Research, the department has performed up to the standard and showed progress in all areas.

I would like to highlight some important achievements of the department.

**Clinical Achievements:****• SPECIALITY CLINICS:**

1. GI & HPB ailment
2. Breast & Thyroid diseases
3. Varicose vein problems
4. Lymphadenopathy/ surface swellings
5. Haemorrhoids/ Fissure

- Started Minor OT Procedures
- Cancer screening programme
- Patients were given consultations via tele-consultation
- In collaboration with the department of radiodiagnosis, undertook interventional procedures such as biopsies aspirations and injections.
- Besides, the department is providing regular consultations via E-Sanjeevani since its launch

**Academic achievements:****Teaching Achievements:**

1. The department has taken up its academic activities with keen interest since the inception. About 50 seminars/ journal club and case discussion have been presented.
2. Presented a lecture on Diabetic Foot at NZOACON 2020.
3. Attended Research methodology lectures for faculty – 6/10/2020 onwards.
4. Presented clinical meets for faculty.
5. The first batch of undergraduate students is being routinely posted in General Surgery OPD.
6. Devised the syllabus for the MBBS students.
7. Theory classes of the MBBS students are being taken routinely.
8. Hands-on-session: Mannequin (Hubber needle insertion): Chemoport

**Research Projects (ongoing):**

1. Co-PI: National cancer registry programme & Hospital based cancer registries.
2. PI: Vitamin E and Evening Primrose Oil for Management of periodic breast pain / Cyclical Mastalgia.
3. Co-PI: General surgery junior residents Perspective vis-à-vis gaps in Surgical oncology training

S.No	Name of Article	Author 1 <sup>st</sup> /corres ponding	Name of Journal	Date of Publication/ accepted
1	Intraoperative Intra- Abdominal Complications of Laparoscopic Cholecystectomy- Prospective Study. A	Corres pondin g- 2 <sup>nd</sup>	Journal of medical science & clinical research	Volume 6 year 2018
2	Gastrointestinal Tuberculosis: Clinico-Pathological Profile and Surgical Outcome of Patients Undergoing Laparotomy.	1 <sup>st</sup>	IOSR Journal of Dental and Medical Sciences	Volume 17, Issue 3 Ver.8 March. (2018), PP 78-84
3	Intraoperative difficulties in laparoscopic cholecystectomy.	1 <sup>st</sup>	International Journal of Development Research	Vol. 08, Issue, 03, March, 2018
4	Spectrum of Gastrointestinal Perforation in a tertiary hospital of North India.	1 <sup>st</sup>	International Journal of Innovative Research in Medical Science	Volume 03, Issue 03, March 2018
5	Blunt Abdominal Trauma: Evaluation by Multi Detector Computed Tomography.	1 <sup>st</sup>	IOSR Journal of Dental and Medical Sciences	Volume 17, Issue 4 Ver. 11 (April. 2018), PP 76-84
6	POMPP Score: Evaluation of mortality and morbidity in patients with secondary peritonitis.	1 <sup>st</sup>	International Journal of Innovative Research in Medical Science	Volume 3, Issue 4, April 2018
7	To Study the Aetiological Factors and Outcomes of Urgent Re-Laparotomy.	1 <sup>st</sup>	Asian Journal of Science and Technology	Vol. 09, Issue, 05, May, 2018
8	Outcome of secondary peritonitis based on apache II score.	1 <sup>st</sup>	International Journal of Recent Scientific Research	Vol. 9, Issue, 3(I), pp. 25258- 25261, March, 2018

**ANNUAL REPORT****2019-20**

9	Association of intra-abdominal pressure with the outcome of perforation peritonitis.	1 <sup>st</sup>	World Journal of Pharmaceutical and Medical research	March 2019
10`	Superficial Surgical site infection in elective abdominal surgeries.	2 <sup>nd</sup>	The Internet Journal of Surgery	Vol 26, Number1 2011

**DEPARTMENT OF OBS & GYNAECOLOGY****Clinical Achievements:**

- SPECIALITY CLINICS: Gynae oncology, Menopausal Clinic, Endocrinology, Foetal medicine, Infertility.
- STARTED MINOR OT Procedures – Endometrial Aspiration, Endocervical Curettage, Pap Smear, Endometrial Biopsy, IUCD Insertion, Mirena Insertion
- Cancer screening programme for Breast and cervical cancer
- ULTRASONOGRAPHIC EXAMINATION services

**Academic Achievements:**

1. Awareness programme on cervical cancer and breast cancer screening for the CRPF and police personnel – March 2020
2. Workshop on Breast cancer awareness for Paramedical staff- 23<sup>rd</sup> to 28<sup>th</sup> Oct 2020
3. Faculty Lecture (Panel discussion): Dr Lajya Devi Goyal – Benefits of hormone therapy beyond contraception. Web CME – Hormone therapy revisited.
4. Paper presentations:
  - **Dr Lajya D. Goyal** – Recurrent Dermatofibrosarcoma of the Vulva: a rare entity and review of literature (E-poster in Just Tumors- Benign to Malignant 2020 International Conference)
  - **Dr Priyanka** : 1. Recurrent hydatiform mole in nine consecutive pregnancies: a rare case report (Oral presentation in Fertilisation 2020 National Annual conference)  
2. Gestational trophoblastic tumour with delayed vaginal metastasis: a case report (E-poster in JUST TUMOURS- Benign to Malignant 2020 International Conference)
  - **Dr Balpreet**: 1. Role of daily ejaculations for four consecutive days in improving sperm DNA fragmentation index (1<sup>st</sup> prize winner in embART International conference)  
2. To evaluate the efficacy of artificial oocyte activation poor responders (Oral presentation in Fertilisation 2020 National Annual conference)
5. Conferences attended:
  - **Dr Lajya D. Goyal**: 1. FOGSI International adolescent health e-conference  
2. Just Tumours 2020– International conference
  - **Dr Supriti**: 1. FOGSI International adolescent health e-conference  
2. Importance of lab tests & genetic counseling in pregnancy (FOGSI – 28/8/2020)  
3. Fertility enhancement and management virtual conference (Mumbai Obs & Gynae society & IVF worldwide) Nov 2020
  - **Dr Priyanka** – 1. Just Tumours 2020– International conference  
2. Fertilisation 2020 (National Annual conference)
  - **Dr Balpreet** – 1. Fertilisation 2020 (National Annual conference)  
2. embART 2020 International conference



**Teaching Achievements:**

1. Research methodology lectures for faculty – 6/10/2020 onwards
2. Weekly clinical meets for faculty- 8/10/2020 onwards
3. Good clinical practice – certificate of course completion. **Dr. Lajya Goyal, Dr. Supriti**
4. Online medicolegal course: Apex institute of Medicolegal system **Dr. Supriti**
5. Training course- Basics of COVID 19 (04/09/2020) **Dr. Supriti**

**Research Achievements:****RESEARCH PROJECTS (ongoing):**

1. Effect of COVID 19 pandemic on antenatal care and pregnancy outcome amongst the rural women of Punjab – assessment through tele-consultation services. **(PI- Dr. Lajya Devi Goyal)**
2. Changes in the pattern of female tobacco uses in India – finding from the two rounds of Global adult tobacco Survey India **(PI- Dr. Lajya Devi Goyal)**
3. Trends and patterns of spousal violence in India – comparative analysis of the NFHS round III & IV **(PI- Dr. Priyanka)**

**PAPER PUBLICATIONS BY THE DEPARTMENT:**

1. Goyal LD, Dhaliwal B, Singh P, Ganjoo S, Goyal V. Management of Mullerian developmental anomalies: 9 years experience of a tertiary care centre. *Gynecol Minim Invasive Ther.*2020;9:81-7
2. Lajya Devi Goyal<sup>1</sup>, Dapinder Kaur Bakshi<sup>2</sup>, Jatinder Kaur Arora<sup>2</sup>, Ankita Manchanda<sup>3</sup>, Paramdeep Singh<sup>4</sup> Assessment of fluoride levels during pregnancy and its association with early adverse pregnancy outcomes. *J family med prim care.*2020;9(6)2693-8
3. Kochhar J, Soin D, Goyal LD, Aggarwal S, Garg R, Singh P, Khutan H Clinicoradiological profile of cerebrovascular disease in hypertensive disease of pregnancy. *Journal of advanced medical and dental sciences research.*
4. Gitanjali Goyal, Lajya Devi Goyal,<sup>1</sup> Heena Singla, Sheenam,<sup>2</sup> Kirti Arora, and Harsharan Kaur<sup>3</sup>  
Subclinical hypothyroidism and associated cardiovascular risk factor in perimenopausal females. *Journal of midlife health.* 2020 Jan-Mar; 11(1): 6–11.
5. Kaur B, Prakash V, Malik S. Role of daily ejaculations for four consecutive days in improving sperm DNA fragmentation index. *Fertility Sci Res.* 2020;7:85-91.
6. K Deepika. Correlation of clinical, ultrasound and cardiotocogram findings in prediction of threatened preterm labour and preterm premature rupture of membranes and their outcomes in tertiary care hospital.

**Research Papers in pipeline**

1. K Deepika. A clinical study of foetal outcome following early and delayed cord clamping in births associated with anaemia in pregnancy. Submitted to pubmed indexed journal
2. LD Goyal, Kaur B, Goyal G, Rajora P. Unusual cases of pure malignant germ cell tumours of the ovary -10 years experience at a tertiary care centre. Submitted to pubmed indexed journal

**Department of Hospital Administration**

Department of Hospital Administration is actively involved in the day-to-day hospital operations, procurement, project management, inventory management and ensuring effective utilization of resources. Our department is presently having one faculty member that has taken in academic and research activities in Hospital Administration in addition to its additional responsibility of Deputy Medical Superintendent, AIIMS Bathinda.

**Hospital Services:**

1. Directly working under Medical Superintendent Office to facilitate the day-to-day operations in the hospital.
2. Hospital Administration has worked successfully to initiate OPD services at AIIMS Bathinda with a total of 99,832 OPD patients till date.
3. Hospital Administration was involved in starting of COVID ward facility at AIIMS Bathinda on 25<sup>th</sup> Aug.2020 with total number of 58 patients treated and discharged.
4. Hospital Administration under the guidance of Medical Superintendent office is managing a total of 300 paraclinical manpower clinical that includes Security, Sanitation, MRT etc for smooth functioning of Hospital services.
5. Hospital Administration under the guidance of Dean, AIIMS Bathinda is involved in timely starting of Hostels and new session of MBBS Students at AIIMS Bathinda.
6. Department is managing Stationery and Sanitation Stores in the Hospital as Officer in-charges.
7. As Officer in-charges for Housekeeping and Biomedical Waste Management, licencing for Biomedical and Solid Waste Management are done through Department of Hospital Administration.
8. Responsibility as Consignee for AIIMS Bathinda from procurements through GeM are also taken care by the Department of Hospital Administration
9. As Officer in-charges for Medical Records Technicians (MRTs), Department is managing Registration Counters in OPDs
10. The department is facilitating clinicians in monitoring the quality of care rendered, identify bottle necks and provide alternative solutions for smooth and better functioning of the institutions/hospitals.

**Academics and Research:**

1. The Department has taken up its academic activities with keen interest since the inception.
2. Faculty in the Department are doing Intramural Research Project as Principal Investigators.

**Faculty:**

Dr Moonis Mirza

Assistant Professor

**Dr Moonis Mirza****PUBLICATIONS – Indexed in Pubmed**

1. Mirza M, Siddharth V, Garg N, Sharma DK. Outcome of care in an apex tertiary care referral institute of North India –A study of 90,000 patients. J Family Med Prim Care 2020; 9:4079-85.

**Intramural Projects**

**Primary Investigator:** Gap analysis of Hospital signages and way-finding system in a tertiary care hospital of North India

**Department of Microbiology:**

<b>Faculty Member No.1</b>	
Name	Dr. Kamla Kant, Assistant Professor
Qualification	MBBS, VSS Medical College, Burla, Odisha MD, MAMC, New Delhi
Date of Joining at AIIMS Bathinda	12/12/2019
Institutional responsibilities	<p><b>Nodal officer:</b></p> <ul style="list-style-type: none"> <li>• VRDL for COVID-19 ICMR RT-PCR testing lab, AIIMS Bathinda</li> </ul> <p><b>Member of:</b></p> <ul style="list-style-type: none"> <li>• COVID-19 committee</li> <li>• TSC/DPCC, Stationery and Sanitation store</li> <li>• OT construction committee</li> <li>• Buyer in GeM for AIIMS, Bathinda</li> </ul>
Extra-Institutional Responsibilities	<p>Reviewer of National Journal</p> <ul style="list-style-type: none"> <li>• Journal of Gastrointestinal Infections</li> </ul> <p>Member of:</p> <ul style="list-style-type: none"> <li>• Contributing member of American Society of Microbiology</li> <li>• IJMM, Delhi Chapter</li> </ul>
<b>Faculty Member No.2</b>	
Name	Dr. Sivanantham Krishnamoorthi, Assistant Professor
Qualification	MBBS, Govt Vellore Medical College MD, PGIMER, Chandigarh
Date of Joining at AIIMS Bathinda	08/11/2019
Institutional responsibilities	<p>Member of</p> <ul style="list-style-type: none"> <li>• VRDL for COVID-19 ICMR RT-PCR testing lab, AIIMS Bathinda</li> <li>• Hospital infection control committee (HICC)</li> <li>• MEU/CMET, AIIMS, Bathinda</li> <li>• TSC/DPCC, Chemical and Glassware Store</li> <li>• OIC, Infection Control</li> <li>• OIC, Chemical and Glassware Store</li> <li>• TEC – N95/PPE, Furniture, BMW bins</li> <li>• BOQ/TSC, Gas distribution system, drainage system of labs</li> <li>• MBBS new admission for 2020 Batch reporting, AIIMS, Bathinda</li> <li>• Independence Day organizing Committee</li> </ul>
Extra-Institutional Responsibilities	<p>Reviewer of National Journal</p> <ul style="list-style-type: none"> <li>• Journal of Gastrointestinal Infections</li> </ul> <p>Member of:</p> <ul style="list-style-type: none"> <li>• Life time member in Society for Indian Human &amp; Animal Mycologist</li> <li>• Life time member of Indian Virological Society</li> </ul>

**Highlights of the Department:****Teaching & Research:**

1. Teaching and training of MBBS students
2. Training to Infection Control nurses (ICNs)
3. Training of HCW on Biosafety / Bio Medical waste Management

**Diagnostics and Hospital services:**

1. Establishment of BSL-II laboratory facility
2. Obtained registration under ICMR to start COVID-19 RT PCR testing
3. ILQC activity for RT-PCR based testing laboratories for COVID-19 – 100% concordance for the 4<sup>th</sup> quarter of 2020

**Article Published:****Dr. Kamla Kant**

1. Ashutosh Kumar, Muneeb A. Faiq, Vikas Pareek, Khursheed Raza, Ravi K. Narayan, Pranav Prasoon, Pavan Kumar, Maheswari Kulandhasamy, Chiman Kumari, **Kamla Kant**, Himanshu N. Singh, Rizwana Qadri, Sada N. Pandey, Santosh Kumar. "Relevance of SARS-CoV-2 related factors ACE2 and TMPRSS2 expressions in gastrointestinal tissue with pathogenesis of digestive symptoms, diabetes-associated mortality, and disease recurrence in COVID-19 patients." *Medical Hypotheses* (2020): 110271.
2. Ravi Kant Narayan, Adil Asghar, Rakesh Parashar, Chiman Kumari, **Kamla Kant**, Ashok Rastogi, Ashutosh Kumar. "A standard operative procedure for Safe-handling of Remains and Wastes of COVID-19 Patients, Bioprotocol (2020): DOI:10.21769/BioProtoc.xxxx.
3. Kumar A, Prasoon P, Kumari C, Pareek V, Faiq MA, Narayan RK, Kulandhasamy M, **Kant K**. SARS-CoV-2-specific virulence factors in COVID-19. *J Med Virol*. 2020 Oct 21. doi: 10.1002/jmv.26615. PMID: 33085084.
4. Kumar A, Pareek V, Narayan RK, **Kant K**, Kapoor C. Covid-19 in India: Dharavi's success story. *BMJ*. 2020 Aug 25;370:m3264. doi: 10.1136/bmj.m3264. PMID: 32843350.
5. Kumar A, Pareek V, Kant K. Letter to the Editor: Repurposing of an Antisepsis Drug in COVID-19 Patients. *Assay Drug Dev Technol*. 2020 Jun 3. doi: 10.1089/adt.2020.994. Epub ahead of print. PMID: 32493028.
6. Kumar A, Prasoon P, Sekhawat PS, Pareek V, Faiq MA, Kumari C, Narayan RK, Kulandhasamy M, **Kant K**. Pathogenesis guided therapeutic management of COVID-19: an immunological perspective. *Int Rev Immunol*. 2020 Oct 28:1-18. doi: 10.1080/08830185.2020.1840566. Epub ahead of print. PMID: 33111578.
7. Kumar A, Narayan RK, Kumari C, Faiq MA, Kulandhasamy M, **Kant K**, Pareek V. SARS-CoV-2 cell entry receptor ACE2 mediated endothelial dysfunction leads to vascular thrombosis in COVID-19 patients. *Med Hypotheses*. 2020 Dec;145:110320. doi: 10.1016/j.mehy.2020.110320. Epub 2020 Sep 30. PMID: 33032170; PMCID: PMC7525265.

**Dr. Sivanantham K:**

1. Biswal, M.; **Krishnamoorthi, S.**; Bisht, K.; Sehgal, A.; Kaur, J.; Sharma, N.; Suri, V.; Sethi, S. Rickettsial Diseases: Not Uncommon Causes of Acute Febrile Illness in India. *Trop. Med. Infect. Dis.* 2020, 5(2), 59; <https://doi.org/10.3390/tropicalmed5020059>.

**Training Participated:****Dr. Kamla Kant:**

1. Undergone 3 days training regarding COVID-19 testing by Real Time PCR from 20<sup>th</sup> July to 22<sup>nd</sup> July 2020 in the Department of Virology, PGIMER, Chandigarh.

**Dr. Sivanantham K:**

2. Undergone 3 days training regarding COVID-19 testing by Real Time PCR from 20<sup>th</sup> July to 22<sup>nd</sup> July 2020 in the Department of Virology, PGIMER, Chandigarh.

**Conference/CME participated:****Dr. Sivanantham K:**

1. National CME on “Recent Advances and Challenges in Lower Respiratory Tract Infections” on 23<sup>rd</sup> November, 2019 conducted in PGIMER, Chandigarh.
2. 13<sup>th</sup> National conference of “Society for Indian Human & Animal Mycologist - 2020” in Jodhpur from 12<sup>th</sup> to 15<sup>th</sup> February 2020.

**Paper presented:****Dr. Sivanantham K:**

1. Oral Paper titled “Molecular diagnosis of candidemia by real time polymerase chain reaction and high-resolution melt curve analysis” was presented in SIHAM 2020, Jodhpur.

**Collaborative Projects (Under process for funding / approval):****Dr. Sivanantham K:**

1. Collaborative project with PGIMER, Chandigarh titled “Epidemiology and genetic diversity of Rickettsial pathogens causing human infections in Punjab and Chandigarh” has been approved from Research cell of AIIMS, Bathinda and to be approved by ICE, AIIMS, Bathinda.
2. Collaborative project with Central University of Punjab titles “A mechanistic study to investigate the cause-effect relationship between Corona virus induced-chronic inflammation and its long-term detrimental effects on vital organ functions in recovered COVID-19 cases” submitted for funding to GIA-DHR.

**DEPARTMENT OF OPHTHALMOLOGY****Achievements:**

1. Celebrated 35<sup>th</sup> NATIONAL EYE DONATION FORTNIGHT FROM 25<sup>th</sup> Aug to 8<sup>th</sup> Sept 2020 by permission of Worthy Director, AIIMS, BATHINDA
2. Organised poster competition on the theme by M.B.B.S Students EYE DONATION AWARENESS and winners were distributed the certificates.
3. Online webinar for the nursing officers for awareness on EYE DONATION AWARENESS
4. Organized a questionnaire-based evaluation on EYE DONATION AWARENESS for nursing and hospital attendants staff
5. Got PNDT permission for starting the ultrasound of the eye on 24-9-2020
6. Organized webinar on "Telemedicine in COVID ERA".

## DEPARTMENT OF OPHTHALMOLOGY

Faculty Name: Dr Anuradha Raj  
Designation: Associate Professor  
D.O.J : 15 Nov-2019  
Emp. Code: AIIMS/ABR/219035

**PUBLICATIONS****International Publications (INDEXED JOURNALS)**

1. Anuradha Raj – Post Penetrating Keratoplasty Glaucoma : An Overview – Open Access Journal of Ophthalmology 2019, 4(2):000183 P1-8.
2. Raj A, Bahadur H. Glaucoma after penetrating keratoplasty: Risk factors and its management. Int J Ocul Oncol Oculoplasty 2019;5(2 )
3. Anuradha Raj, et al. Bilateral Idiopathic Orbital Inflammatory Syndrome, Associated With Unilateral Anterior Uveitis and Review of Literature. J Ocular Sci Ophth 2019, 2(1): 180007
4. Raj A, Dhasmana R, Bahadur H. Suture related astigmatism after penetrating keratoplasty. Sudanese j ophthalmol. 2019;11:48-53
5. Raj A et al. Outcome of N- butyl cyanoacrylate tissue adhesive application Nepal J Ophthalmol 2020; Vol 12 (23): 56-65
6. Raj A, Bahadur H. Morphological analysis of functional filtering blebs with anterior segment optical coherence tomography: A short-term prediction for success of trabeculectomy European Journal of Ophthalmology, First Published 18 May 2020.

**National Publications : (INDEXED JOURNALS)**

1. Dhillon HK, Bahadur H, Raj A. A comparative study of tarsorrhaphy and amniotic membrane transplantation in the healing of persistent corneal epithelial defects. Indian J Ophthalmol 2020;68:29-33.
2. Dhillon HK, Bahadur H, Raj A. Response to comments on: A comparative study of tarsorrhaphy and amniotic membrane transplantation in the healing of persistent corneal epithelial defects. Indian J Ophthalmol 2020;68:1504-5.
3. Raj A, Agrawal N. Comments on: Glycerol-preserved corneal tissue in emergency corneal transplantation: An alternative for fresh corneal tissue in COVID-19 crisis. Indian J Ophthalmol 2021;69:169.

**State Publications: (NON- INDEXED JOURNALS)**

1. Dr Navjot, Anuradha Raj, Dr Nikhil Agrawal: An Insight to keratoconus: A corneal ectasia. Uttaranchal journal of Ophthalmology Nov 2020, Vol 14 page 15-29
2. Dr Nidhi Paharia, Dr Anuradha Raj, Dr Nikhil Agrawal: Toxic optic neuropathy: A diagnostic dilemma. Uttaranchal journal of Ophthalmology Nov 2020, Vol 14 page 40-51



**CONFERENCES ATTENDED**

1. 23<sup>rd</sup> Annual conference of Punjab Ophthalmology Society from 6<sup>th</sup> to 8<sup>th</sup> Dec. 2017 at Hotel Lilly Resorts , JALANDHAR
2. 78<sup>th</sup> Annual Conference of ALL INDIA OPHTHALMOLOGICAL SOCIETY on 13<sup>th</sup> to 16<sup>th</sup> Feb, 2020, Gurugram , Haryana,
3. Virtual Annual conference of Intraocular Implant & Refractive Society, India IIRSI 19-20th September 2020
4. Virtual pathology CME on DEC 10<sup>th</sup> 2020
5. Virtual Conference KERACON 2020 from 11<sup>th</sup>-13<sup>th</sup> December
6. VIRTUAL CONFERENCE Delhi ophthalmological Society 2020 on 18<sup>th</sup> Dec-20<sup>th</sup> Dec 2020

**PAPERS PRESENTED**

1. Paper presented on "Post keratoplasty glaucoma" on 23<sup>rd</sup> Annual conference of Punjab Ophthalmology Society from 6<sup>th</sup> to 8<sup>th</sup> Dec. 2019 at Hotel Lilly Resorts , JALANDHAR
2. Paper presented on "Tonometry" in CME ON GLAUCOMA By Bathinda Ophthalmological Society on 1st FEBRUARY 2020, Hotel Melody, BATHINDA
3. PAPER PRESENTED ON " Telemedicine in COVID ERA".
4. Paper presented on Clinical meet on topic 'Ophthalmic disasters'
5. Paper presented on "Glaucoma after penetrating keratoplasty: Risk factors and its management" VIRTUAL CONFERENCE Delhi ophthalmological Society 2020 on 18<sup>th</sup> Dec-20<sup>th</sup> Dec 2020
6. Paper presented on "Morphological analysis of functional filtering blebs with anterior segment optical coherence tomography: A short-term prediction for success of trabeculectomy" VIRTUAL CONFERENCE Delhi ophthalmological Society 2020 on 18<sup>th</sup> Dec-20<sup>th</sup> Dec 2020

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**GUEST LECTURERS DELIVERED/SESSION CHAIRED**

1. Session chaired on cornea at 23<sup>rd</sup> Annual conference of Punjab Ophthalmology Society from 6<sup>th</sup> to 8<sup>th</sup> Dec. 2019 at Hotel Lilly Resorts , JALANDHAR
2. Session chaired AS PANELIST FOR POSTER EVALUATION ON Virtual CME ON PATHOLOGY at AIIMS, BATHINDA

**EXTERNAL & INTERNAL EXAMINERS**

1. As external examiner for MBBS IIIrd Prof. Part 1 , Practical examination at Baba Farid University, Faridkot from 28-31<sup>st</sup> December 2019.
2. As External Examiner in MBBS IIIrd Prof. Part – I (Ophthalmology) Practical Viva-voce examination at SGRR Medical College, Dehradun, Uttarakhand on 5<sup>th</sup> to 8<sup>th</sup> February 2020.

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**RESEARCH PROJECTS ONGOING**

1. Correlation between clinical and echographic measurements of optic disc cupping in glaucomatous eyes

2. “Effect of Homatropine in eyes with Fresh Vitreous Haemorrhage”

### BOOK PROJECT ONGOING

TITLED: Penetrating keratoplasty still Gold standard Indications, complications and management BY Cambridge Scholars Publishing

### COMPLETED ONLINE COURSES

1. COMPLETED Online course on Introductory course on Basic Research Methodology and Biostatistics by INSTITUTE OF APPLIED STATISTICS in collaboration with national institute of medical statistics- ICMR & NATIONAL INSTITUTE OF CANCER PREVENTION RESEARCH -ICMR on 21st OCTOBER 2020
2. COMPLETED Online course on Good clinical practice by NIDA Clinical Trials Network on 24<sup>th</sup> July 2020
3. Completed online course ON Basic course in Biomedical Research -Cycle 3 held by Nptel – SWAYAM CENTRAL

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Name of the faculty and POST		Publications	Awards (year)	Projects
<b>Dr Nikhil Agrawal</b> (Assistant Professor) <b>Date of Joining:</b> 18 Dec 2019 <b>Employee code:</b> <b>ABR219056</b>	1	Massive corneal-epibulbar dermoid managed with pre-descemetec-DALK and SLET. German Medical Sciences. ID: OC-2020-0011	Fellow Of International College Of Ophthalmology (Cornea).(FICO)	Role of second generation inhalation steroids on Intra ocular pressure in patients diagnosed with allergic rhinitis in Indian Sub-Population. ( Ongoing Project)
	2.	An insight to keratoconus: A corneal Ectasia. UKJ of Ophthalmology.2020;14(1)15-27	FAICO Cornea	2020
	3.	Toxic Optic Neuropathy: A diagnostic Dilemma.UKJ of Ophthalmology.2020;14(1)40-51		
	4	Comments on: Glycerol preserved corneal tissue in emergency corneal transplantation. An alternative for fresh Corneal tissue in Covid 19 Crisis. Indian journal Of OPhthamology-2223-20		
	5.			

	6.	Management Of Ocular Trauma: A review (Accepted article In DOS Times)			
	.	Clinical Trials In Glaucoma (Accepted article In DOS Times)			

**Name of the officer** : **Dr. Sanjeev Kumar**

Designation : Assistant professor

Research project:

Effect of Homatropine in eyes with Fresh Vitreous Haemorrhage

Courses completed:

Introductory course on research methodology and biostatistics

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**Name: Dr Navjot Kaur**

Post: Senior Resident

Department: Ophthalmology

Date of joining: September 14, 2020-12-18

Publications:

1. Kaur N, Raj A, Agrawal N. An insight to keratoconus: A corneal ectasia. Utrakhand journal of ophthalmology 2020; 14:1, pp 15-29.

Presentations:

1. A case of bilateral Amyloidosis: diagnosis and management Keracon 2019.
2. Acute corneal hydrops: etiology, risk factors, safety and efficacy of compression sutures and perflurocarbons.

Conferences attended:

1. Keracon 2019

Lectures:

Eye donation awareness programme during eye donation fortnight 2020

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## **DEPARTMENT OF ORTHOPAEDICS**

Department of orthopaedics started its clinical services after the inauguration of outpatient facility at the All India Institute of Medical Sciences Bathinda on 23rd December 2019. Our faculty of four consultants has worked efficiently and relentlessly to render best patient outcomes and satisfaction. The department has grown by leaps and bounds in last one year. We would like to highlight some important achievements of the department.

### **Clinical services**

Department of orthopaedics has witnessed the busiest outpatient clinic at AIIMS Bathinda.

1. 23,130 patients were seen physically in the OPD
2. 480 patients were given consultations via tele-consultation
3. 435 procedures have been performed in the department (this includes intra-articular injections and other minor procedures)
4. In collaboration with the department of radiodiagnosis, orthopaedics has been routinely undertaking interventional procedures such as biopsies aspirations and injections.
5. 121 Plaster applications Have been performed in last one year.
6. Besides, the department is providing regular consultations via E-Sanjeevani since its launch.
7. With the help of nursing staff and technicians posted in the department of orthopaedics, we have been running ergonomic and exercise training to the patients for management of routine musculoskeletal problems.
8. Department has started a unique tele-rehabilitation initiative in wake of COVID-19 pandemic. Exercises customised to the need of the patients are sent to them electronically and they are being followed up for the clinical progress.

### **Academics**

1. The department has taken up its academic activities with keen interest since the inception. About 50 seminars/ journal club and case discussion have been presented by the faculty in the department in last one year.
2. The department organised a webinar on world arthritis day 12 October 2020. Eminent rheumatologist from PGIMER Chandigarh Dr Varun Dhir spoke on management of rheumatoid arthritis by primary care physician.
3. The department organised first international CME of the institute on "Management of massive rotator cuff tears" on 17 October 2020. Four international speakers, experts in the field of complex shoulder surgeries spoke on contemporary treatment of complex Rotator cuff tears.
4. The first batch of undergraduate students is being routinely posted in orthopaedics OPD.

### **Audit and Research**

1. The department has started dedicated tumours and tuberculosis registry for the patients attending the outpatient clinic.
2. Dedicated CTEV clinic is held very Thursday. Department has collaborated with world's renowned CTEV NGO "CURE" to provide free splints for the children.

**Faculty**

Dr Tarun Goyal	Associate Professor
Dr Pankaj Sharma	Assistant Professor
Dr Kavın Khatri	Assistant Professor
Dr Gapanpreet Singh	Assistant Professor
Dr Lakshman Das	Senior Resident

**Dr Tarun Goyal****PUBLICATIONS – Indexed in Pubmed**

	All	Since 2015
Citations	864	625
h-index	16	14
i10-index	19	17

1. Ansari S, Goyal T, Kalia RB, Paul S, Singh S. Prediction of collapse in femoral head osteonecrosis: role of volumetric assessment. *Hip Int.* 2020 Dec 18;1120700020978587. doi: 10.1177/1120700020978587. Epub ahead of print. PMID: 33334177.
2. Goyal T, Paul S, Kundu Choudhury A, Kalonia T. Monoarticular synovitis of knee: dealing with the dilemma. *SICOT J.* 2020;6:48. doi: 10.1051/sicotj/2020044. Epub 2020 Dec 11. PMID: 33306021.
3. Goyal T, Singh G, Kumar Tripathy S, Schuh A, Veerappa LA, Kumar Sen R. Acetabulum fractures in elderly: A systematic review of fracture pattern and treatment. *J Clin Orthop Trauma.* 2020 Nov-Dec;11(6):989-1001. doi: 10.1016/j.jcot.2020.09.008. Epub 2020 Sep 12. PMID: 33192001; PMCID: PMC7656468.
4. Veerappa LA, Tippannavar A, Goyal T, Purudappa PP. A systematic review of combined pelvic and acetabular injuries. *J Clin Orthop Trauma.* 2020 Nov-Dec;11(6):983-988. doi: 10.1016/j.jcot.2020.09.017. Epub 2020 Sep 22. PMID: 33192000; PMCID: PMC7656481.
5. Goyal T, Sethy SS, Paul S, Choudhury AK, Das SL. Good validity and reliability of forgotten joint score-12 in total knee arthroplasty in Hindi language for Indian population. *Knee Surg Sports Traumatol Arthrosc.* 2020 Jun 29. doi: 10.1007/s00167-020-06124-z.
6. Tripathy SK, Varghese P, Srinivasan A, **Goyal T**, Purudappa PP, Sen RK, Chandrappa MH. Joint awareness after unicompartmental knee arthroplasty and total knee arthroplasty: a systematic review and meta-analysis of cohort studies. *Knee Surg Sports Traumatol Arthrosc.* 2020 Oct 19. doi: 10.1007/s00167-020-06327-4. Epub ahead of print. PMID: 33078218.
7. Ansari S, Barik S, Singh SK, Sarkar B, Goyal T, Kalia RB. Role of 3D printing in the management of complex acetabular fractures: a comparative study. *Eur J Trauma Emerg Surg.* 2020 Sep 11. doi: 10.1007/s00068-020-01485-z. Epub ahead of print. PMID: 32918149.
8. Schuh A, Sesselmann S, Handschu R, Goyal T. Der ganze Stamm von Wucherungen übersät. *MMW Fortschr Med.* 2020 Sep;162(15):11. German. doi: 10.1007/s15006-020-1456-x. PMID: 32895806.
9. Jha RK, Sen RK, Tripathy SK, Gopinathan NR, Goyal T, Sharma SK. Cross-cultural validation of Hindi version Knee Injury and Osteoarthritis Outcome Score (KOOS) in osteoarthritis knee. *Knee Surg Sports Traumatol Arthrosc.* 2020;10.1007/s00167-020-06211-1.
10. Sethy SS, Goyal T, Paul S, Das SL, Choudhury AK, Kalia RB. Translation and Validation of Forgotten Joint Score for Total Hip Arthroplasty for Indian Population. *Indian J Orthop.* 2020 Aug 17;54(6):892-900. doi: 10.1007/s43465-020-00228-x. PMID: 33133413; PMCID: PMC7573040.

11. Goyal T, Choudhury AK, Gupta T. Are Three Doses of Intravenous Tranexamic Acid more Effective than Single Dose in Reducing Blood Loss During Bilateral Total Knee Arthroplasty? *Indian J Orthop.* 2020 Aug 14;54(6):805-810. doi: 10.1007/s43465-020-00231-2. PMID: 33133403; PMCID: PMC7572996.
12. Goyal T, Paul S, Das L, Choudhury AK. Correlation between anthropometric measurements and activity level on length and diameter of semitendinosus tendon autograft in knee ligament surgery: A prospective observational study. *SICOT J.* 2020;6:23.
13. Goyal T, Azam MQ, Syed A, Paul S. Simultaneous single-stage versus two-staged bilateral total knee arthroplasty: a prospective comparative study. *Int Orthop.* 2020;44(7):1305-1310.
14. Goyal T, Paul S, Sethy SS, Choudhury AK. Outcomes of ketorolac versus depomedrol infiltrations for subacromial impingement syndrome: a randomized controlled trial. *Musculoskelet Surg.* 2020 May 22. doi: 10.1007/s12306-020-00667-7.
15. Goyal T, Harna B, Taneja A, Maini L. Arthroscopy and COVID-19: Impact of the Pandemic on Our Surgical Practices. *Journal of Arthroscopy and Joint Surgery* 2020.

### Chapter in Book

Tibial Plateau Fractures, In Elsevier Point of Care, Trauma

### Ongoing Extramural Research Projects

1. In vitro study of elution kinetics and biological activity of Piperacillin/Tazobactam and Gentamicin in acylic bone cement
2. In vitro elution kinetics and antibacterial activity of cefepime and metronidazole in bone cement

### Intramural Projects

#### Primary Investigator:

Association between reproductive factors and osteoarthritis of the knee joint in Indian females.

#### Co-investigator:

1. Clinikoradiological evaluation and correlation between magnetic resonance imaging and clinical presentations in degenerative canal stenosis.
2. PRP injection in 1<sup>st</sup> CMC joint Arthritis.
3. Neck ROM in turbaned vs non-turbaned population, implication on difficult airway access.
4. Gap analysis of Hospital signages and way-finding system in a tertiary care hospital of North India

### ORGANISATIONAL :

- Organising Chairperson: Symposium on massive rotator cuff tears 2020.
- Guest lecture on Management of Inflammatory arthritis by primary care physician, by Dr Varun Dhir, Additional Professor, PGIMER Chandigarh.
- Organising secretary of 39<sup>th</sup> Annual Conference of North Zone Orthopaedic Association 2020
- Organising secretary of AIIMS Shoulder Arthroscopy Course 2019.

**AWARDS & FELLOWSHIPS**

1. Fellow American College of Surgeons
2. BOA-BIOS Travelling fellowship, Liverpool, UK 2019
3. SICOT Fellowship 2019, Italy

**Presentations as invited faculty**

1. Emergency Management of acute Spinal Cord Injuries, AIIMS Gorakhpur. 2020
2. Techniques of meniscal repair. Annual conference of North Zone Orthopaedic Association. 2020
3. Indications of Unicondylar Knee Arthroplasty. Annual conference of North Zone Orthopaedic Association. 2020
4. Direct anterior approach for THA. Annual Conference of Telangana Orthopaedic Association. Nizambad. 2020
5. Tibial Plateau fractures: Raft Screws. Knee Symposium. Amritsar. 2020

**Dr Pankaj Kumar Sharma, Assistant Professor****➤ Award**

- 1) Best Arthroscopy Paper Award' SKICON 2020.

**➤ Guest lecture**

'Septic bone defects, management.' 39th Annual Conference of North Zone Orthopaedic Association, (NZOACON-2020) AIIMS Rishikesh, 14-16 Feb, 2020, Rishikesh.

**➤ Projects submitted:****Primary Investigator:**

- 1) Clinico- radiological evaluation and correlation between magnetic resonance imaging and clinical presentations in degenerative canal stenosis.

**Co-investigator:**

- 2) Association between reproductive factors and osteoarthritis of the knee joint in Indian females.
- 3) Effect of Jaw and Neck Exercises on Parameters of Airway Assessment"
- 4) Neck ROM in turbaned vs non-turbaned population, implication on difficult airway access.

**➤ Book Chapter:**

Arthroscopic management of inflammatory arthritis affecting the elbow. Springer book\_Lui\_Arthroscopy and Endoscopy of the Hand, Wrist and Elbow-Principles and Practices\_89052578

**➤ Publications/Research articles**

- 1) "Prospective evaluation of relationship between MRI findings and ASIA score to predict neurological recovery in acute traumatic spinal cord injury.": Singh R, Meena VS, **Sharma P**, Kaur K, Svareen (2020) Int J Spine Res 2(1): 008-013. DOI: <https://dx.doi.org/10.17352/ijsr.000008>.



2) to Neurological Deficit and Subsequent Recovery Assessment by ASIA Score. Singh, R., Wadhvani, J., Meena, V.S., **Sharma P**, Kaur K et al. JOIO (2020). <https://doi.org/10.1007/s43465-020-00108-4>

3) Outcome of Arthroscopic Stabilization of Anterior Shoulder Instability using All-Suture Anchor Technique. Ashish Devgan, Sujit Kumar Singh, Kshitish Chandra Behera, Umesh Yadav, **Pankaj Sharma**, Amandeep Verma, & Karunesh Ranjan. JPOA (2020), 32(01), 24-28.

4) Rohilla, R, **Sharma P**, Wadhvani J, Rohilla, S, Beniwal, R, Singh R, Devgan A. (2019). Prospective randomized comparison of quality of regenerate in distraction osteogenesis of ring versus monolateral fixator in patients with infected nonunion of the tibia using digital radiographs and CT. The Bone & Joint Journal. 101-B. 1416-1422. 10.1302/0301-620X.101B11.BJJ-2019-0189.R1.

➤ **Presentations:**

1) **Oral Paper Presentation** 40<sup>th</sup> SICOT Annual World Congress, Muscat, Oman, 2019 ***“To evaluate the functional outcome of platelet rich plasma infiltration in plantar fasciitis”***

2) **Oral Paper Presentation** 40<sup>th</sup> SICOT Annual World Congress, Muscat, Oman, 2019 ***“Ponseti methods of treatment for non-idiopathic club Feet: - A retrospective evaluation.”***

3) **Oral Paper Presentation** **“Gold Medal Category, SPEEDCON-2020, Gurugram, Haryana, “Epidemiological screening of chronic backache in young population in tertiary care centre and its correlation with osteoporosis”.**

4) **Oral case presentation** 'Delta Phalanx of Proximal Phalanx of the Great Toe with Angular Deformity' Combined BOFAS / IFAS Clinical Decision Making in Foot & Ankle Surgery Interactive web-based Course, 26 th July 2020.

5) **Oral Paper Presentation** “Comparative clinico-radiological evaluation of osteosynthesis in fragility fractures of hip using extramedullary and intramedullary implants” ISTAC Trauma 2020

6) **Poster Paper Presentation** “Patterns of paediatric spinal trauma and its association and risk evaluation; A retrospective appraisal” ISSICON 2020.

7) **Oral Paper Presentation** Comparative evaluation and effectiveness of primary bipolar arthroplasty in treatment of unstable intertrochanteric fractures in geriatric population; GOSICON 2020.

**Dr Kavin Khatri****Publications**

- 1) Book chapter: Kavin Khatri, Deepak Bansal and Karan Rajpal (April 22nd 2020). Management of Flexion Contracture in Total Knee Arthroplasty, Knee Surgery - Reconstruction and Replacement, João Bosco Sales Nogueira, José Alberto Dias Leite, Leonardo Heráclio Do Carmo Araújo and Marcelo Cortez Bezerra, IntechOpen, DOI: 10.5772/intechopen.90417.
- 2) Letter to editor: Sidhu GK, Khatri K, Jindal S: APENG vis-à-vis PENG Regional Anesthesia & Pain Medicine 2020;**45**:564.

**Presentation:**

Best poster award at Indian society for trauma and acute care conference 2020: Cemented calcar replacement versus long stem cemented hemiarthroplasty in unstable intertrochanteric fractures in octogenarians

**Dr Gaganpreet Singh****Publications :-**

1. Acetabulum fractures in elderly: A systematic review of fracture pattern and treatment September 2020 Journal of Clinical Orthopaedics and Trauma
2. Acetabulum fractures in elderly: A systematic review of fracture pattern and treatment September 2020 Journal of Clinical Orthopaedics and Trauma

**Presentation:-**

Presented lecture on “clavicle fractures” at North Zone conference of orthopedics at AIIMS Rishikesh.

**Project:-**

CO-PI in “PRP injection in 1<sup>st</sup> CMC joint Arthritis.”

**DEPARTMENT OF PAEDIATRIC SURGERY****Dr. Navdeep Singh Dhoat**

Assistant Professor and HOD

**ABOUT THE DEPARTMENT**

The department of Paediatric Surgery was started with establishment of AIIMS Bathinda by Ministry of Health and Family Welfare Govt. of India on 23<sup>rd</sup> December 2019. As Department of Paediatric Surgery is contributing backbone of any hospital, my department has been one of the key departments among all clinical specialties.

The Department works with a vision of serving the patients with multitude of Paediatrics and Paediatric surgical ailments and I am working tirelessly to provide the most dedicated patient care, academic and research work, thereby contributing in making the institute center of excellence in all respect.

**HIGHLIGHTS**

1. Department has the OPD in institute in the last annual year and OPD service was provided to 1829 patients from far flung areas of the region.
2. Department of Paediatric Surgery conducted pan screening of whole AIIMS (Faculty/ Senior Residents/ Staff/ HITES/ NCC workers) for effective management of COVID-19 patients at our Institute and also provided services to the Civil Hospital, Bathinda for effective management of COVID-19 patients.
3. Telemedicine services including virtual Paediatric Surgery and Paediatrics have been provided successfully to 112 patients.
4. E-Sanjeevani services were made available to whole of north India region.
5. Clinical Teaching: - The department has been conducting theoretical & practical teaching of undergraduates in Paediatrics and Paediatric Surgery and I have made best effort to make these classes as interactive as possible.
6. Department of Paediatric Surgery is successfully doing OPD, Clinical meeting, Clinical teaching and Classes of Paediatric Department.
7. Clinical meet on "Congenital Abdominal Wall Defects" was presented by the department of Paediatric Surgery.
8. Series of clinical teaching of faculty members and senior residents regarding management of SARS COV-19 were conducted.

**Projects: Non-Funded**

1. To study the clinical spectrum, demographic profile and parent satisfaction of patients attending telehealth services in paediatric surgery OPD during COVID-19 pandemic at a tertiary care centre in north India.

**Projects: Funded**

1. To start testing and treatment for Haemoglobinopathies and Hemophilia. Approved by NHM, Punjab

**International (Virtual)**

1. Webinar and Live discussion
  - emed4u (London) Paediatric Surgery
2. 13th SELSICON & 12th IHSCON 2020 – 3 Scientific Paper
  - Scientific Paper presentation on 30<sup>th</sup> Oct 2020
  - Scientific Paper presentation on 31<sup>st</sup> Oct 2020
  - Scientific Paper Presentation on 31<sup>st</sup> Oct 2020

**National (Virtual)**

1. E-IAPSCON – 1 Poster and 1 Paper
  - Poster Presentation on 14<sup>th</sup> October 2020
  - Paper presentation on 18<sup>th</sup> October 2020
- 2. Best Paper Award (18<sup>th</sup> October 2020)**
  - **A critical analysis of surgically correctable birth defects in IVF induced pregnancies as compared to normal pregnancies**
3. Three Webinars done at St. Joseph School
  - Good Parenting
4. Attended Virtual Alumni of SGPGI, Lucknow
  - 13<sup>th</sup> December, 2020 (eve of the Foundation Day of the Institute)

**DEPARTMENT OF PATHOLOGY**

The Department of Pathology plays important role in providing a platform for medical education, training, health care, to develop a pattern of teaching in undergraduate and postgraduate medical education in all its branches. As a diagnostic department, we aim to cater to patient's needs by creating all the laboratory facilities with all the updated advancement technologies aimed to improve the area of investigative medicine and expansion of test profiles to meet patients' requirement. The diagnostic subspecialties within this Department include Histopathology, Cytopathology, Haematology, Clinical Pathology and Blood Bank.

Sr. No	Name of faculty	Designation
1.	Dr. Manjit Kaur	Assistant Professor & Incharge
2.	Dr. Manmeet Kaur	Assistant Professor
3.	Dr. Jasmeen Kaur	Assistant Professor

Departmental activities

1.

**Professional MBBS educational activities:**

- MBBS second professional training activity includes theory and practical classes. Theory classes are planned virtual as well as physical lectures, tutorials, discussions and seminar presentations with assessment of student by test post completion of chapter.

- In practical hours, small group discussions, skill-based exercises followed by discussions has been planned.

- New initiative/ development for teaching and training of Second professional: Department of Pathology conducted Poster presentation sessions on virtual platform on integrated teaching for certain important diseases.

2. Diagnostic services

Diagnostic services provided by Department of Pathology are as follows

- **Hematology:** Complete blood count with 36 parameters, peripheral blood film, screening for hemoparasites, ready to provide Reticulocyte counts, ESR and coagulation profile including PT, APTT, D-Dimer, Fibrinogen.

- **Cytology:** Fine Needle Aspiration Cytology, Exfoliative cytology including Fluid cytology, Pap smear.

- **Histopathology:** Review/second opinion on outside slides and blocks.

- **Clinical Pathology:** Urine routine and microscopy

- **Additional responsibility:**

- Blood collection centre and Blood bank

3. **Future plans:** In near future, we plan to start Histopathology, LBC, HPLC, Immunohistochemistry and Flowcytometry

4. **Achievements:**

- Department has been enrolled under EQAS (National programme) for Diagnostic histopathology and Minimum Data Set Reporting

- 1<sup>st</sup> Virtual CME entitled "UNDERSTANDING OF ADVANCES IN

PATHOLOGY” on dated 10.12.2020. Over 500 delegates get participated from all over India.

**Faculty activities:**

**1. Dr. Manjit Kaur Rana, Assistant Professor & Incharge**

Projects					
Sr.	Title	Role	Agency	Cost	Status
1.	To start testing and treatment for Haemoglobinopathies and Hemophilia	Principal-Investigator	MoHFW	--	Ongoing
2.	A prospective study to evaluate Anaemia as Disease burden in Geriatric patients at a Tertiary care centre in Punjab	Principal-Investigator	AIIMS Bathinda	Not Funded	Ongoing
3.	To evaluate association of Human Papillomavirus infection in breast cancer in Malwa Region of Punjab	Principal-Investigator	ICMR-DHR	45 lacs	Under review
4.	Cancer Immunology & Immunotherapy – Modulating miRNA's and MAPKinome for enhancing the sensitivity of Metastatic Non Small Cell Lung Cancer for Immunotherapies.	Co-investigator	DBT	1crore	Under review
5.	Understanding the role of immunogenetics in governing outcome of COVID 19 infections at AIIMS Bathinda	Co-investigator	ICMR-DHR	35 lacs	Under review
6.	To evaluate the efficacy of new hematological parameters for screening of COPD patients in tertiary care hospital.	Co-Investigator	AIIMS Bathinda	Not Funded	Ongoing
7.	Regulatory role of	Collaboration	Indo-	30 Lacs	Ongoing

	long non-coding RNA in breast cancer pathogenesis".		Russian		
8.	Evaluation of Long non-coding RNA as Protective biomarker to chemoradiation therapy for esophageal cancer patient in the Malwa region of Punjab	Co-investigator	ST	1 Lacs	Under review
9.	Role of Cardiac biomarkers in prediction of early cardiac involvement, disease severity, morbidity and mortality of COVID-19 patients	Co-investigator	IIMS Bathinda	Non-funding	Not feasible
10.	Hospital Based Registry	Co-investigator	National Registry, Bangalore	Co-	Ongoing

**Publications**

S/N	Title	Journal	National/ International	Year	
1.	Comprehensive Histopathological Examination and Breast cancer: An Institutional Analysis	APALM	National	Jan 2020	
2.	Circulating microRNA-590-5p functions as a liquid biopsy marker in non-small cell lung cancer	Cancer Science	International	March 2020	
3.	HPV and Carcinoma Breast: An Institutional experience (Abstract published)	Indian journal of Pathology and Microbiology	National	Dec 2019	
4.	Long Non-coding RNAs as Strategic Molecules to Augment the radiation Therapy in Esophageal	International Journal of Molecular Sciences	International	Sept 2020	



	Squamous Cell Carcinoma				
5.	Stakeholder collaboration government, private sector and non-governmental organizations can build pediatric oncology services in India	Pediatric Hematology Oncology	International	Dec 2020	
	Evolution of use of Frozen section in Breast Cancer: A review (accepted)	Journal of cancer Sciences and Clinical Therapeutics	International	Jul 2020	
<b>Books/ Chapters Published</b>					
<b>Sr</b>	<b>Title</b>	<b>Book Name</b>	<b>National/ International</b>	<b>Year</b>	
1.	Geriatric Anaemia (accepted)	Geriatric	International	Dec 2020	
<b>Scientific Conference presentation/Awards:</b>					
<b>Sr.</b>	<b>Faculty name</b>	<b>Conference</b>	<b>National/ International</b>	<b>Poster/Oral/ Chair/session/Award</b>	<b>Year</b>
1.	Dr. Manjit kaur Rana	APCON 2019	National	Poster Presentation	Dec 2019
2.	Dr. Manjit Kaur Rana	Online training Workshop on "Functioning of HBCRs"	National	Participated	Dec 2020
<b>Other achievements</b>					
	Organizing Secretary	Virtual CME	AIIMS, Bathinda		Dec 2020
	Enrolled department under EQAS				

**2. Dr. Manmeet Kaur, Assistant Professor**

<b>Projects</b>					
<b>Sr.</b>	<b>Title</b>	<b>Role</b>	<b>Agency</b>	<b>Cost</b>	<b>Status</b>
	Co- investigators in three non-funded projects	----	---	----	-----
<b>Publications</b>					
<b>SI No.</b>	<b>Title</b>	<b>Journal</b>	<b>National/ International</b>	<b>Year</b>	<b>SI No.</b>
	Histopathological evaluation and hormonal receptor status of breast carcinoma after neoadjuvant chemotherapy.	---	---	---	---
	Hypertrophic cardiomyopathy as sudden cause of cardiac death: An autopsy study.	---	----	-----	---
<b>Scientific Conference presentation/Awards:</b>					
<b>SI No.</b>	<b>Faculty name</b>	<b>Conference</b>	<b>National/ International</b>	<b>Poster/Oral/ Chair/session/Award</b>	<b>Year</b>
1.	Dr. Manmeet Kaur	Virtual CME	-----	Attended	-----
<b>Other achievements</b>					
1.	Completed cycle 1 of Basic course in biomedical research.				
2.	Organizing Member	1 <sup>st</sup> Virtual CME	AIIMS, Bathinda		Dec 2020

**3 Dr. Jasmeen Kaur, Assistant Professor**

<b>Projects</b>					
<b>Sr</b>	<b>Title</b>	<b>Role</b>	<b>Agency</b>	<b>Cost</b>	<b>Status</b>
1.	The utility and efficacy of PRP in carpometacarpal osteoarthritis in patients visiting AIIMS Bathinda	Principal-Investigator	AIIMS Bathinda	Not Funded	Ongoing
2.	To evaluate the efficacy of new hematological parameters for screening of COPD patients in tertiary care hospital.	Principal-Investigator	AIIMS Bathinda	Not Funded	Ongoing
3.	A prospective study to evaluate Anaemia as	Co-Investigator	AIIMS Bathinda	Not Funded	Ongoing

	Disease burden in Geriatric patients at a Tertiary care centre in Punjab				
<b>Publications</b>					
<b>Sr.</b>	<b>Title</b>	<b>Journal</b>	<b>National/ International</b>	<b>Year</b>	<b>No.</b>
1.	The utility of bone marrow biopsy in underlying case of Hodgkin's Lymphoma. A case report in young male	(SR 20810121008)			
2.	Metastatic Signet ring cell adenocarcinoma an autopsy finding in myocardium. A rare case report	(SR 20810155459)			
3.	Hydatid cyst – spleen and right uterine adnexa	(ART 20196065)			
<b>Scientific Conference presentation/Awards:</b>					
<b>Sr.</b>	<b>Faculty name</b>	<b>Conference</b>	<b>National/ International</b>	<b>Poster/Oral/ Chair/session/ Award</b>	<b>Year</b>
1.	Dr. Jasmeen Kaur	HEMATOCON 2020 BY PGIMER CHANDIGARH	National	Attended	2020
<b>Other achievements</b>					
	Organizing Member	1 <sup>st</sup> Virtual CME	AIIMS, Bathinda		Dec 2020
	Membership: Indian Association of Pathology and Microbiology				

**Format for Annual Report**  
(23<sup>rd</sup> December 2019 to 22<sup>nd</sup> December 2020)

**Department of Psychiatry**

SN	Name	Designation
1.	Dr. Jitender Aneja	Associate Professor
2.	Dr. Bharat Udey	Assistant Professor

**About the Department**

The Department of Psychiatry started functioning after the inauguration of the outpatient services at AIIMS, Bathinda w.e.f. 23-12-2020. The manpower at the time of inception of psychiatry OPD consisted of two faculty members namely Dr. Jitender Aneja, Associate Professor and Dr. Bharat Udey, Assistant Professor. We also had two senior residents Dr. Pinka and Dr. Richa, both of whom left after selection to other places as faculty and senior resident, respectively.

Broadly we are catering to children, adolescents, adults and elderly patients with psychological issues or psychiatric disorders, substance use disorders and sexual disorders. In our outdoor clinic we are serving to patients with common mental disorders, severe mental illness, psychosomatic disorders, stress related problems, childhood disorders, geriatric problems, substance use disorders, marital and psychosexual disorders etc. We are seeing new patients as well as referred patients from other departments of AIIMS Bathinda and outside. We are providing pharmacotherapy, and psychological testing (presently limited) and therapies like psychoeducation, behavioral therapy, psychotherapy, abreaction treatments and also teaching various relaxation exercises.

We are running four special clinics: Drug Deaddiction Clinic (DDC) (Tuesday & Friday), Child and Adolescent Psychiatry Clinic (CAPC) (Saturday), Geriatric Mental Health Clinic



(GMHC) (Wednesday), Marital & Psychosexual Clinic (MPC; Wednesday), and Psychological Interventions (Thursday).

Till the onset of the COVID-19 pandemic, the Department of Psychiatry also held weekly academic activity in form of seminars and journal clubs. With the joining of under-graduate students, we are teaching clinical skills to them.

**Name of Faculty: Jitender Aneja**

**Designation: Associate Professor**

**Publications:**

**Papers**

**Pubmed Indexed:**

1. Soni K, Patro SK, **Aneja J**, Kaushal D, Goyal A, Shakrawal N. Post-rhinoplasty outcomes in an Indian Population assessed using the FACE-Q appraisal scale: a prospective observational study. *J Laryngol Otol.*, 2020;134(3):247-51. <https://doi.org/10.1017/S0022215120000638>.
2. **Aneja J**, Pooja P Kupili, Paul K, Panda S, Purohit A. Treatment resistant bipolar disorder in a young male: An atypical presentation of antiphospholipid antibody syndrome (APS)? *Journal of Neuroimmunology.* 2020;343:577238. <https://doi.org/10.1016/j.jneuroim.2020.577238>.
3. **Aneja J**, Arora S. Pregnancy and severe mental illness: confounding ethical doctrines. *Indian J Med Ethics.*2020;V(2):133-9. doi: 10.20529/IJME.2020.037.
4. **Aneja J**, Varshney V, Sreesanth KS, Singhai K, Yadav T. Clozapine triggering caecal volvulus in a patient with malrotation and schizophrenia: side effect that needs emphasis. *Cureus* 2020;12 (5);e7971.
5. Jaiswal A, Goel AD, Manchanda S, Gautam V, **Aneja J**, Raghav P. Burden of internet addiction, social anxiety and social phobia among University students, India. *J Family Med Prim Care* 2020;9:3607-12.
6. Kaushal D, Rajan N, **Aneja J**, Nathwani M, Shukla R. Acute Psychosis Consequent to Total Thyroidectomy: An Etiological Conundrum. *Cureus* 2020,12(7):e9244.
7. **Aneja J**, Arora S. Telemedicine & Ethics: Opportunities in India. Accepted for publication in *Indian Journal of Medical Ethics*.

**Non-Pubmed Indexed:**

1. Singhai K, Pooja Kuppilli P, **Aneja J**. Social Cognition: An overview of concept, its measurement and application in psychiatry. *Indian J Soc Psychiatry* 2020;36:102-13.

**Newspaper Articles**



1. Article published in newspaper on the topic "Mental health during COVID-19 pandemic".
2. Article published in many newspapers on the occasion of International Day Against Drug Abuse and Illicit Trafficking on 26<sup>th</sup> June 2020.

**Presentations:**

1. Delivered a talk on "Disability evaluation in Children" at 4<sup>th</sup> National Child Psychiatry CME, 2020 on 18-10-2020.

**Sessions Chaired:**

1. Chaired the session on "Neural basis of OCD and novel therapeutic methods" held at the Annual National Conference of Indian Association of Private Psychiatry 2020, held on virtual platform from 5<sup>th</sup>-6<sup>th</sup> December 2020.

**Invited Lectures**

1. Organized a workshop on stress management and parenting skills training at The Millennium School on 23-01-2020.

**Resource Faculty:**

1. Webinar on "Elimination of violence against women" organized by Department of Community and Family Medicine on 10-12-2020.

**Research Project:****Completed:**

1. To study factors leading to reverse migration during COVID-19 outbreak among migrant workers.

**Pending IEC approval:**

1. As Principal Investigator:



- a. An exploratory study to evaluate Restless legs syndrome in patients attending psychiatry outpatient at a tertiary care hospital in Punjab
- b. Patient Satisfaction with Telemedicine Services Delivered through WhatsApp Messenger at a Tertiary Care Hospital in Punjab.

**2. As Co-Investigator**

- a. A study to evaluate Mental Health outcomes among COVID 19 inpatients at a tertiary care hospital in Punjab
- b. Assessment of health status, psychological profile and lifestyle habits of Indian medical graduate students in a tertiary care institute in north India
- c. Assessment of the knowledge, attitude, anxiety episode, and perceived psychological impact of COVID-19 pandemic on medical undergraduate students.

**Scientific Awards/Patents**

NIL

**Membership/Post in Journal or Society or Association (List those obtained in the specified time period)**

1. Associate Editor of Journal of Indian Association of Child and Adolescent Mental Health.
2. Member Editorial Board for the Journal of Disability Management and Rehabilitation
3. Scientific Advisor for Child and Adolescent Psychiatry section of Indian Association of Private Psychiatry

**Reviewer for journals:** I have been reviewer for various national and international journals such as Indian Journal of Psychiatry, Indian Journal of Social Psychiatry, Journal of Indian Association for Child and Adolescent Mental Health, Journal of Human Behavior and Mental Health, Indian Journal of Medical Research, Journal of Disability Management and Rehabilitation, BMC Pregnancy and Child Birth, Journal of Neuropsychiatric Diseases and Treatment, International Journal of Public Health Sciences.

**National/ International Conferences attended:**

1. Attended workshop on “Psychodynamic Psychotherapy” by Prof. Salman Akhtar held at DMCH, Ludhiana on 29<sup>th</sup> Feb-1<sup>st</sup> March 2020.
2. Attended a webinar on “Telemedicine Practice Guidelines in India: 2020” held on 03-04-2020.
3. Attended a webinar on “Mental health issues during COVID-19” organized by Department of Psychiatry, PGIMER, Chandigarh on 01-05-2020.
4. Attended the Mid-term CME (Webinar) of Indian Association of Private Psychiatry held on 16-08-2020.
5. Attended the 4<sup>th</sup> National Child Psychiatry CME, 2020 on 18-10-2020.
6. Attended the Annual National Conference of Indian Association of Private Psychiatry 2020, held on virtual platform from 5<sup>th</sup>-6<sup>th</sup> December 2020.

**Others**

1. Member of Institutional Ethics Committee of AIIMS, Bathinda
2. Member of Recruitment Cell, AIIMS, Bathinda
3. Officer-in-charge Surgical/Receipt store, AIIMS, Bathinda
4. Member of Committee for Women Grievance Cell



**Name of Faculty:** Bharat Udey  
**Designation:** Assistant Professor

**Publications:**

**Papers**

**PubMed Indexed:**

Nil

**Non-Pubmed Indexed:**

Nil

**Presentations:**

Nil

**Sessions Chaired:**

Nil

**Invited Lectures**

Nil

**Resource Faculty:**

Nil

**Research Project:**

**Pending IEC approval:**

**3. As Principal Investigator:**

- a. A study to evaluate Mental Health outcomes among COVID 19 inpatients at a tertiary care hospital in Punjab

**4. As Co-Investigator**

- a. An exploratory study to evaluate Restless legs syndrome in patients attending psychiatry outpatient at a tertiary care hospital in Punjab.
- b. Neuropsychiatric adverse effects of Montelukast therapy in ENT patients.
- c. Age Related Hearing Impairment Demography and Quality of life
- d. Prevalence of mental health disorders in Head and Neck cancer patients

**Scientific Awards/Patents**

NIL

**Membership/Post in Journal or Society or Association (List those obtained in the specified time period)**

1. Member of American Psychiatric Association.
2. Life Member of Indian Association of Private Psychiatry

**Reviewer for journals:**

Nil

**National/ International Conferences attended:**

1. Attended the 4<sup>th</sup> National Child Psychiatry CME, 2020 on 18-10-2020.
2. Attended the National Mid- term CME of Indian Association for Child and Adolescent Mental Health held on 7-8<sup>th</sup> November 2020.
3. Attended the Basic Course in Biomedical Research, conducted by Indian Council of Medical Research, New-Delhi, India.

**Others**

1. Member of anti-ragging committee, AIIMS, Bathinda
2. Member of disciplinary committee, AIIMS, Bathinda
3. Member of Central for Medical Education & Technology, AIIMS, Bathinda



**Activities Organized**

The Department of Psychiatry organized various IEC activities on the occasion of International Day Against Drug Abuse and Illegal Trafficking on 26<sup>th</sup> June 2020, World Suicide Prevention Day on 10<sup>th</sup> September 2020, World Alzheimer Day on 21<sup>st</sup> September 2020, and various IEC activities on the occasion of World Mental Health Day, 2020. The IEC activities included interaction with media professionals, writing newspaper articles, poster making competition for MBBS students as well as school students, and other allied staff of AIIMS, Bathinda.

**Workshops/ Conferences Organized**

On the occasion of World Mental Health Day, 2020 on 10<sup>th</sup> October 2020 the Department of Psychiatry organized a seminar on "Suicide Prevention".

**Eminent Visitors**

None

**New Services**

The Department of Psychiatry has started a helpline to address the mental health crisis situations in general public. The services are presently available from 9AM to 5PM on Monday to Friday and 9AM to 1PM on Saturdays. The services are not available on gazetted holidays and Sundays. SHABD (Suicide prevention Helpline AIIMS Bathinda)

*(Signature)*  
21/12/2020  
Signature of HOD

### Department of Radiation Oncology

Department of Radiation Oncology started its clinical services after the inauguration of the outpatient facility at the All India Institute of Medical Sciences Bathinda on 23rd December 2019. Our faculty of two consultants have worked efficiently and relentlessly to render the best patient outcomes and satisfaction. The department has grown by leaps and bounds in the last year. We would like to highlight some important achievements of the department.

#### Faculty

Dr. Sapna Marcus Bhatta	Associate Professor
Dr. Rohit Mahajan	Assistant Professor

#### **Clinical services**

Department of Radiation Oncology provided the following services at the outpatient clinic in AIIMS Bathinda.

1. OPD services
2. Consultations via teleconsultation
3. Started dispensing chemotherapy in the department.
4. Besides, the department is providing regular consultations via E-Sanjeevani since its launch.

#### **Academics**

1. The department has taken up its academic activities with keen interest since its inception.
2. Seminars and journal clubs are being conducted in the department on a routine basis
3. Tumor clinic in interdepartmental collaboration with the ENT department is held every fortnight.
4. Conducted our first event in the form of a CME on World Cancer Day on 4<sup>th</sup> February, 2020 where cancer survivors were invited for the event.
5. Initiated our project "PAHAL" on spreading cancer awareness and its prevention in the young adolescent school going age group. Our first lecture was delivered in St. Joseph School, Bathinda on Breast self examination and its early detection by Dr Sapna Marcus Bhatta.

#### **Publications:**

- 1) Marcus S, Mahajan R. The Impact of COVID-19 on Radiation Oncology and Cancer Care: A Perspective from the Cancer Belt Region of India. Asian J Oncol 2020; 6(02): 47-52.
- 2) Low dose radiation therapy for COVID-19 pneumonia: A review. Mahajan R, Marcus S. Clinical Cancer Investigation Journal. Accepted for publication.
- 3) Mahajan R, Yadav BS, Sharma SC, Gupta A, Kumar S. Primary bone lymphoma: An experience of a regional cancer center from India. South Asian J Cancer. Accepted for publication.

## **DEPARTMENT OF RADIODIAGNOSIS**

Welcome to the annual report of Department of Radiodiagnosis, AIIMS-Bathinda for the fiscal year 2020 (FY-2020). Amid the COVID-pandemic, the 2020 fiscal year was full of challenges but also of many successes. The annual report memorizes us all of the various milestones achieved and to prepare ourselves for the challenges of the future.

Department of Radiodiagnosis, AIIMS-Bathinda aims to provide the highest standards of diagnostic imaging & interventional services at a reasonable cost in a patient friendly environment. It strives to be the best in patient care, medical education and research in the country. The departmental faculty were actively involved in patient care, education and research throughout the year.

### **Faculty**

1. Dr. Harmeet Kaur, Assistant Professor
2. Dr. Navdeep Kaur, Assistant Professor

### **Departmental Activities**

#### **Academic activities**

- Intra-departmental – To enhance knowledge and skills, seminars are conducted in the department every Wednesday and Friday.
- Inter-departmental – Case discussions done every Monday to enhance the clinic-radiological correlation.

#### **Diagnostic Services**

- High Resolution Ultrasonography and Color Doppler
- Mobile Computed Radiography (CR)
- 1000 MAs Digital Radiography (DR) system with flat panel detector
- Multi-slice (256-slice) Computed Tomography (CT)
- 3- Tesla Magnetic Resonance Imaging (MRI)

<b>Number of X-Rays (23 Dec 2019- 22 Dec 2020)</b>	5731
<b>Number of USG (23 Dec 2019- 22Dec 2020)</b>	2902

❖ Being committed to patient service, the department continued its services during the COVID pandemic. The mobile CR X-ray unit has been shifted to COVID ward to provide uninterrupted diagnostic facilities to COVID patients.

❖ 1000 MAs DR system, 256- slice CT and 3-Tesla MRI were added to the diagnostic armamentarium of the department.

❖



❖ RIS-PACS has been introduced in the department for electronic reporting and archiving purposes. We are making a concerted effort to switch to electronic reporting and archiving to increase efficiency and reduce the turn-around time.

### **Research activities**

Faculty members were actively involved in research activities during this period. The department published 14 papers in various indexed national and international journals.

### **Ongoing Research Projects**

- Role of spiral and uterine artery Doppler indices during the first trimester (6-13 weeks) in predicting early pregnancy loss.
- Chest CT Findings in Coronavirus Disease 2019 (COVID-19) pneumonia.

### **Publications**

#### **Dr. Harmeet Kaur**

- Is thoracic facet joint arthritis over-reported? It's time to review CT grading parameters - an analytical cross-sectional study. *Indian Journal of Radiology and Imaging*. 2020 (Status: accepted, in ahead of print)
- The Flood of COVID-19 Publications: a Word of Caution. *SN Comprehensive Clinical Medicine*. 2020;27:1-3.
- Congenital Knee dislocation: Which classification to follow? *The Open Orthopaedics Journal*. 2020;14:58-59.
- Spontaneous Rupture of Extensor Pollicis Longus Tendon: Demonstration of Extensor Indices Proprius Transfer Technique. *Novosti Khirurgii*. 2020;28(2):233-9.
- Prevalence of facet joint arthritis and its association with spinal pain in mountain population - A cross-sectional study. *Journal of Craniovertebral Junction and Spine*. 2020;11(1):136-45.
- A seemingly usual case of Paraplegia with MRI diagnosis of Meningioma - an unexpected course of events leading to inflammatory necrotizing myelopathy. *Indian Spine Journal*. 2020 (Status: accepted, in ahead of print)
- Intramuscular Vascular malformation in triceps - a case report with literature review in *Indian Journal of Vascular & Endovascular Surgery*. 2020;7:277-80.
- The spectrum of MRI findings in painful shoulder: A prospective study of 81 cases. *International Journal of Radiology and Diagnostic Imaging*. 2020;3(1):202-6.

#### **Dr. Navdeep Kaur**

- Cardiac Tamponade and its medicolegal aspects – A Case Report. *Medico-Legal Journal*. 2020 (Status: accepted for publication, in ahead of print).
- Evaluating symptomatic breast disease by complementary Sonography as an adjunct to Mammography: A must. *Indian Journal of Applied Research*. 2020. (Status: accepted for publication, in ahead of print).
- Retained Surgical Sponge in Abdomen – A Case Report. *International Journal of Scientific Research*. 2020. (Status: accepted for publication, in ahead of print).
- Extensively Disseminated Cysticercosis – Case Report and Review of Literature. *Indian Journal of Applied Research*. 2020;10(12):68-69.
- Self-inflicted injuries: Three case reports. *Medico-Legal Journal*. 2020;88(4):223-227.
- Comprehensive Analysis of Rib Fracture Patterns in Blunt Trauma Chest/Abdomen. *International Journal of Medical Science and Innovative Research*. 2020;5(5):167-178.

**DEPARTMENT OF SURGICAL ONCOLOGY**

Department of Surgical Oncology started its clinical services after the inauguration of outpatient facility at the All India Institute of Medical Sciences Bathinda on 23rd December 2019. The department has grown by leaps and bounds in last one year. The Department of Surgical Oncology has continued its pivotal role in the functioning of the Institute. In all the three areas viz. Patient services, Teaching and Research, the department has performed up to the standard and showed progress in all areas. I would like to highlight some important achievements of the department.

**Clinical Achievements:****SPECIALITY CLINICS:**

1. GI & HPB ailment
  2. Breast & Thyroid diseases
  3. Varicose vein problems
  4. Lymphadenopathy/ surface swellings
  5. Haemorrhoids/ Fissure
- Started Minor OT Procedures
  - Cancer screening programme
  - Patients were given consultations via tele-consultation
  - In collaboration with the department of radiodiagnosis, undertook interventional procedures such as biopsies aspirations and injections.
  - Besides, the department is providing regular consultations via E-Sanjeevani since its launch

**Academic achievements:****Teaching Achievements:**

1. The department has taken up its academic activities with keen interest since the inception. About 50 seminars/ journal club and case discussion have been presented.
2. Presented a lecture on recurrent DFSP in Uro oncology summit..
3. Attended Research methodology lectures for faculty – 6/10/2020 onwards.
4. Presented clinical meets for faculty.
5. The first batch of undergraduate students is being routinely posted in Surgical Oncology OPD.
6. Devised the syllabus for the MBBS students.
7. Theory classes of the MBBS students are being taken routinely.
8. Hands-on-session: Mannequin (Hubber needle insertion): Chemoport

**Research Projects (ongoing):**

1. PI: National cancer registry programme & Hospital based cancer registries.
2. Co-PI: Vitamin E and Evening Primrose Oil for Management of periodic breast pain / Cyclical Mastalgia.
3. PI: Surgical Oncology junior residents Perspective vis-à-vis gaps in Surgical oncology training

### **Annual Report**

Department of Urology and Renal transplantation started its clinical services after the inauguration of outpatient facility at the All-India Institute of Medical Sciences Bathinda on 23rd December 2019. Although currently functioning with a single faculty, the department has grown by leaps and bounds in last one year and has fully satisfied the expectations of the patients catering from the three surrounding states.

I would like to highlight some important achievements of the department.

#### **Clinical services**

Department of Urology has witnessed a steady increase in the OPD since inception. The OPD count per day reached around 65/day in march just before the lockdown due to COVID 19.

- 1. 3803 patients were seen physically in the OPD.**
- 2. 245 patients were given consultations via tele-consultation.**
- 3. 75 procedures** have been performed in the department (this includes Uroflowmetry, Foley catheter insertion/replacement/CIC, Intra-penile injections and other minor procedures.)
- 4. Started speciality clinics such as Infertility Clinic and Uro-Oncology clinic.**
- Besides, the department is providing regular consultations via E-Sanjeevani since its launch.
- With the help of nursing staff and technicians posted in the department of orthopaedics, we have been filling the IPSS proformas and providing guidance to patients on the Kegel Exercises and lifestyle modifications for Renal Calculus disease and BPH.
- ESWL machine has been procured and will be installed within year 2020 for the benefit of patients.

#### **Academics**

- The department has taken up its academic activities with keen interest since the inception.
- About 30 seminars/ journal club and case discussion have been presented.
- Invited for a guest faculty lecture on Pelvic Fracture Urethral Injuries at NAOACON-



2020 in February 2020 at AIIMS Rishikesh.

4. The first batch of undergraduate students is being routinely posted in Urology OPD for clinical duties.
5. Presented Clinical meets for faculty.

#### **Research**

The department of Urology and transplantation has been involved in active research right from its inception.

The department is also working on some projects in collaboration with Central University of Punjab, Bathinda.

#### **Current Projects:**

1. Relationship between Bladder wall thickness, uroflowmetry and Pressure-Flow studies in Bladder Outlet Obstruction.
2. The Impact of Covid-19 on BPH severity and management.

#### **Faculty Details:**

**Name:** Dr Kawaljit Singh Kaura

**Mobile:** 7054414482

**E-mail:** [kskaura@gmail.com](mailto:kskaura@gmail.com).

#### **PROFESSIONAL QUALIFICATION**

- **M.Ch UROLOGY** : 2014-2017, King George's Medical University (KGMU), Lucknow, Uttar Pradesh, India – **GOLD MEDALIST**.
- **M.S. SURGERY** : 2009-2012, Government Medical College, Amritsar affiliated to Baba Farid University of Health Sciences, Faridkot, Punjab, India.
- **M.B.B.S** – 2002-2007, Government Medical College, Amritsar affiliated to Baba Farid University of Health Sciences, Faridkot, Punjab, India.



8. **Ist prize of Best Speaker** in the debate on “**30% Extra marks in PG Quota: Really needed or not**” hosted by the Department of Medical education at King George’s Medical University Lucknow on 31<sup>st</sup> August 2016.
9. **Poster prize for International poster presentation on UNESCO World Bioethics day 2016**, “Human Dignity and Human Rights”. **Kawaljit Singh Kaura**, Dhruv Kapoor, Harsh Maheshwari, Shally Awasthi. This poster prize was sent from Egypt.
10. Represented King George’s Medical University in the **National level PG Quiz** conducted under the aegis of Urological society of India held at SGPGI, Lucknow.
11. Represented King George’s Medical University in the **State level PG Quiz** conducted under the aegis of Urological society of Uttar Pradesh at Bareilly, U.P
12. **First Prize in Urology Intra institutional PG Quiz contest** conducted by Urological Association of Uttar Pradesh and Uttarakhand at KGMU, Lucknow.

#### ❖ PUBLICATIONS

##### Original Articles

##### ➤ **International Indexed Journals**

1. Giant Hydronephrosis: Still a reality! **Kawaljit Singh Kaura**, Manoj Kumar, Ashok Kr Sokhal, Ashok Kr Gupta, Bimalesh Purkait, Durgesh Saini, Satyanarayan Sankhwar. Turk J Urol 2017; 43(3): DOI: 10.5152/tud.2017.78379.
2. Does prostate size predict the urodynamic characteristics and clinical outcomes in Benign Prostate Hyperplasia? **Singh K**, Sinha RJ, Sokhal A, Singh V. Urol Ann 2017;9:223-9.
3. Do preoperative alpha blockers facilitate ureteroscopy insertion at the vesico-ureteric junction? An answer from a prospective case-controlled study. Ashok Kr Sokhal, **Kawaljit Singh**, Sunny Goel, Manoj Kumar, SN Sankhwar et al. EMJ.2017;2(3):82-6.
4. A Prospective Study to Evaluate Sexual Dysfunction and Enlargement of Seminal Vesicles in Sexually Active Men Treated for Benign Prostatic Hyperplasia by Alpha Blockers. Sokhal AK, Sankhwar S, Goel A, **Singh K**, Kumar M et al. Urology 2018;118:92-7.



14. Does preoperative alpha blockers facilitates ureteroscope insertion at vesico ureteric junction? An answer from a prospective randomized study. Ashok Sokhal, Satyanarayan Sankhwar, Apul Goel, **Kawaljit Singh**. THE JOURNAL OF UROLOGY. 2017;197 (4S): e691.
15. PD03-08: Vitamin D, Bone Turnover Markers And Bone Mineral Density In Recurrent Calcium Stone Formers. Dhakad U, Singh BP, **Singh K**, Sankhwar SN, Das S, The Journal of Urology, Volume 199, Issue 4, E74.

➤ **National Index Journals**

1. Decadal Experience of Renal Cell Carcinoma from a Tertiary Care Teaching Institute in North India. Kawaljit S, S., Janak, Ashok, G. et al. Indian J Surg Oncol.2018;9(4):558–64. <https://doi.org/10.1007/s13193-018-0812-0>.
2. Identification of essential surgical competencies to be imparted in urological residency: A survey-based study. Sokhal AK, Gupta P, Goyal A, Goyal S, **Singh K**. Indian J Urol 2018;34(3):196-201.
3. Role of two stage (Johansson) urethroplasty in modern Indian prospective and its impact on sexual function in comparison to single stage urethroplasty: a single center experience. **Singh KJ**, Sankhwar SN, Gupta S, Garg Y, Kumar M, Singh BP, Gupta A. IJU.2016;32(Supplement 1):S83-4.
4. Does Vitamin D deficiency predispose to recurrent renal calcium stones? **Kawaljit Singh**, B.P.Singh, Satyanarayan Sankhwar, Manoj Kumar, Apul Goel, Vishwajeet Singh, Ashok Kr Sokhal. IJU 2017;33(Supplement 1):S75.
5. Impact of MTHFR polymorphism and their haplotypes on urinary bladder cancer risk- an original study and a meta-analysis. **Kawaljit Singh**, Kirti Amresh Gautam, Satyanarayan Sankhwar, Manoj Kumar, Apul Goel, Vishwajeet Singh, B.P.Singh. IJU 2017;33(Supplement 1):S134.

➤ **Non-Indexed Journals**

1. Role of Two Stage Urethroplasty in Modern Era with Special Reference to Impact on Sexual Health Function. Nilesh Kumar Jain, **Kawaljit Singh**, Ankur Jhanwar, Nitin Lashkary, Saurabh Gupta, Yogesh Garg. Int J Med Res Prof.2017; 3(2); 78-83.



2. Gupta AK, Purkait B, **Singh K**, Sokhal AK and Saini DK. Diarrhoea as a Presenting Feature of Renal Cell Carcinoma, a Case Report and Review of Literature. *SM J Urol*.2016;2(2):1018.

#### **Letters to the Editor**

1. Re: Sighinolfi et al.: Chemical and Mineralogical Analysis of Ureteral Stent Encrustation and Associated Risk Factors. Durgesh Kumar Saini, **Kawaljit Singh**, Manoj Kumar, S. N. Sankhwar, Ashok Gupta, Ashok Kumar Sokhal. *UROLOGY* 2015;86:703-6.
2. Re: Güzel et al: Can Bladder Wall Thickness Measurement Be Used for Detecting Bladder Outlet Obstruction? **Kawaljit Singh**, Apul Goel, SN Sankhwar, Manoj Kumar, Ashok Gupta. *UROLOGY*. 2016;88:228.DOI: <http://dx.doi.org/10.1016/j.urology.2015.09.030>
3. Re: Does Stone Removal Help Patients with Recurrent Urinary Tract Infections? **Kawaljit Singh**, Ashok Kumar Sokhal, Manoj Kumari. *J Urol* 2016; 195: 805–806.

#### **Abstracts Published In Indexed Journals**

1. Prospective randomized comparison of repairing simple vesicovaginal fistula with or without interposition flap: a tertiary care hospital study from Northern India. Vishwajeet Singh, Rahul Janak Sinha, Ankur Bansal, Seema Mehrotra, **Kawaljit Singh**. *THE JOURNAL OF UROLOGY*. 2017;197; 4S( Supplement):e529.
2. Does preoperative alpha blockers facilitates ureteroscopy insertion at vesico ureteric junction? an answer from a prospective randomized study. Ashok Sokhal, Satyanarayan Sankhwar, Apul Goel, **Kawaljit Singh**. *THE JOURNAL OF UROLOGY*. 2017;197 (4S): e691.
3. Does erectile function predicts outcome of second stage urethroplasty? A retrospective analysis. **K Kaura**, A Sokhal, S Sankhwar. *Journal of Endourology*. 2017;31 (supplement 2):A5.
4. Outcomes of Retrograde Intrarenal Surgery in Shockwave Lithotripsy Failed Intermediate Size Lower Calyceal Calculi. B Singh, **K Kaura**, S Sankhwar, A Goel. *Journal of Endourology*. 2017;31(supplement 2): A171-2.



❖ CONFERENCE PRESENTATIONS

International

1. **Urological Association of Asia (UAA) 2019- Kuala Lumpur, Malaysia.**  
My abstract titled : Analysis of Bone Remodeling Markers and Bone Mineral Density in Recurrent Calcium Renal Calculi : A Prospective Case Control Study, selected for Oral Presentation (Podium).
2. **American Urological Association Conference (AUA) 2017:Boston(USA)**  
**My abstract titled** "Prospective randomized comparison of repairing simple vesicovaginal fistula with or without interposition flap: A tertiary care hospital study from Northern India" got selected in AUA 2017 to be held at Boston.
3. **UROFAIR 2017: (Singapore)**  
**My abstract titled** "Relationship between Vitamin D deficiency/insufficiency and recurrent renal calcium lithiasis" got selected in UROFAIR 2017 to be held at Singapore.
4. **37TH CONGRESS OF SOCIÉTÉ INTERNATIONALE D'UROLOGIE 2017: (Lisbon).** **My Abstract titled** "Relationship between Vitamin D Levels and Recurrent Renal Calcium Lithiasis: A Case Control Study" got selected in Moderated Poster category in SIU 2017 to be held at Lisbon.
5. **WORLD CONGRESS OF ENDOUROLOGY (WCE) 2017: Vancouver, Canada**  
**My abstract titled** "Does erectile function predicts outcome of second stage urethroplasty? A retrospective analysis" selected in Basic research poster session in WCE 2017, 12 - 16 September 2017 in Vancouver, Canada. Poster No-BRPRS 1-17.
6. **WORLD CONGRESS OF ENDOUROLOGY (WCE) 2017: Vancouver, Canada**  
**My abstract titled** "Vitamin D, Bone turnover markers and Bone mineral density in recurrent calcium stone formers" got selected in Basic research poster session in WCE 2017, 12 - 16 September 2017 in Vancouver, Canada. Poster No-BRPRS 4-8.
7. **WORLD CONGRESS OF ENDOUROLOGY (WCE) 2017: Vancouver, Canada**  
**My abstract titled** "Outcomes of Retrograde Intrarenal surgery in Shockwave Lithotripsy Failed Intermediate size lower calyceal calculi" got selected in Moderated poster session in WCE 2017, 12 - 16 September 2017 in Vancouver, Canada. Poster No-MP13-2



➤ **CMC Ludhiana Best poster presentation**

*Double Contrast Urethrogram (DCU): A novel imaging method for diagnosis and follow up of stricture urethra. **Kawaljit Singh**, Diwakar Dalela, Satyanarayan Sankhwar, Manoj Kumar, Bhupendra Pal Singh, Rahul Janak Sinha.*

➤ **Poster Presentation**

*Electromyography needle breaks with in perineum of patient undergoing urodynamic study : a rare case not reported in literature. **Kawaljit Singh**, Satyanarayan Sankhwar, Apul Goel, Bhupendra Pal Singh, Manoj Kumar, Rahul Janak Sinha.*

**State**



1. Urological Association of Uttar Pradesh conference (UAUCON) 2015 at Lucknow.  
Title : Retrograde intra-renal stone surgery (RIRS) as primary procedure vs RIRS for extracorporeal shock-wave lithotripsy (ESWL) resistant small (1-2cm) inferior calyceal calculi: Our experience. **Kawaljit Singh**, SN Sankhwar, Apul Goel, Vishwajeet Singh, RJ Sinha, Manoj kumar.
2. International Paediatric Urology meet held at SGPGI (December 2014), Lucknow.  
Title : Hypospadias Repair in Adults: Our Experience. **Kawaljit Singh**, SN Sankhwar, Apul Goel, Vishwajeet Singh, RJ Sinha, Manoj kumar.
3. Urological Association of Uttar Pradesh (UAUCON) 2016 at Kanpur.
  - **Paper presentation:** Double contrast urethrogram (DCU) : A better modality to delineate urethral mucosa. **Kawaljit Singh**, Diwakar Dalela, SN Sankhwar, Apul Goel, Manoj kumar .
  - **Paper presentation:** Giant hydronephrosis : still a reality. **Kawaljit Singh**, SN Sankhwar, Apul Goel, Vishwajeet Singh, RJ Sinha, Manoj kumar.





## **MEMBER of ORAGNIZATIONS**

1. Founder General Secretary- Faculty Association of AIIMS Bathinda (FAAB)
2. Joint Secretary- Indian Medical Association (IMA): Bathinda.
3. The first President of UNESCO student Wing, King George's Medical University, Lucknow, Uttar Pradesh, India (2016-17).
4. Member American Urological Association (AUA): ID-883786.
5. Urological Association of Asia (UAA)-19-01754.
6. Member Urological Society of India (USI): Reg. No-S627.
7. Member North Zone Council of Urological Society of India (NZUSI).
8. Member Urological Association of Uttar Pradesh and Uttarakhand (UAU): Memb. No-145.
9. Member British Association of Urological Surgeons (BAUS).
10. Member Indian Medical Association (IMA).
11. Member Society Internationale 'D Urologie (SIU).

**FIRST ANNUAL ACCOUNTS**  
**FINANCIAL YEAR 2019-20**

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA			
BALANCE SHEET AS AT 31.03.2020			
(Amount in Rs.)			
Particulars	Schedule	Current Year	Previous Year
<b>Corpus/Capital Fund and Liabilities</b>			
Corpus/Capital Fund	1A	604,756,863.69	-
Reserve & Surplus	2	1.00	-
Earmarked/Endowment/Corpus Fund	3	19,534,992.00	-
Secured Loans & Borrowings	4	2,811,989,872.71	-
Unsecured Loans & Borrowings	5	-	-
Deferred Credit Liabilities	6	-	-
Current Liabilities & Provisions	7	279,239,315.60	-
<b>TOTAL</b>		<b>3,715,520,845.00</b>	<b>-</b>
<b>ASSETS</b>			
Fixed Assets - Net Block	8	49,507,937.41	-
Investment - From Earmarked/Endowment Fund	9	-	-
Investment -Others	10	-	-
Current Assets, Loans , Advances etc.	11	3,666,012,907.59	-
Miscellaneous Expenditure- Incidental		-	-
<b>TOTAL</b>		<b>3,715,520,845.00</b>	<b>-</b>
Significant Accounting Policies	24		
Contingent Liabilities & Notes on Accounts	25		
Place : Chandigarh			
Date : 26/06/2020			
			
(Kumar Abhay, IAAS)		(Prof. JAGAT RAM)	
Financial Advisor, AIIMS BATHINDA		Director, AIIMS BATHINDA	

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA			
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31-03-2020			
(Amount in Rs.)			
Particulars	Schedule	Current Year	Previous Year
<b>INCOME</b>			
Income from Sales/Services	12	2,162,215.00	-
Grant/Subsidies	13	48,565,008.00	-
Fees/Subscriptions	14	321,620.25	-
Income from Investments (Income on Invest. From earmarked/endow. Funds transferred to Funds)	15	-	-
Income from Royalty, Publications	16	-	-
Interest Earned	17	-	-
Other Income	18	-	-
Increases/Decrease of Finished Goods & WIP	19	-	-
<b>TOTAL (A)</b>		<b>51,048,843.25</b>	<b>-</b>
<b>EXPENDITURE</b>			
Establishment Expenses	20	38,664,099.00	-
Other Administrative Expenses	21	24,912,886.56	-
Expenditure on Grants, Subsidies etc.	22	-	-
Interest	23	-	-
Depreciation (Net total at the year end corresponding to Sch -8)		4,013,366.00	-
<b>TOTAL (B)</b>		<b>67,590,351.56</b>	<b>-</b>
Balance being excess of Income over Expenditure	(A-B)	<b>-16,541,508.31</b>	<b>-</b>
Transfer to Special Reserve (Specify each)			-
Transfer to/ from General Reserve			-
<b>BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND</b>		<b>-16,541,508.31</b>	
Significant Accounting Policies	25		
Contingent Liabilities & Notes on Accounts	26		
Place : Chandigarh			
Date : 26/06/2020			
			
(Kumar Abhay, IAAS) Financial Advisor, AIIMS Bathinda		(Prof. JAGAT RAM) Director, AIIMS BATHINDA	



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA					
CONSOLIDATED RECEIPT & PAYMENT FOR THE YEAR 01-04-19 TO 31-03-2020					
(Amount in Rs.)					
RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
	31.03.2020	31.03.2019		31.03.2020	31.03.2019
<b>Opening Balance - Institute</b>			<b>Expenses Institute A/c</b>		
Canara Bank Escrow Account	1,000,000.00	-	<b>Administrative Expenses</b>		
Canara Bank Grant Receivable Account	262,800,000.00	-	Bank Charges	1,981.76	-
<b>Grant in Aid (GOI) Instl. A/c</b>			Electricity & Power Bill	8,910,620.00	-
Grant-in-Aid (For salary)	48,100,000.00	-	Sanitation Expenses	335,045.00	-
Grant-in-Aid (For General)	10,000,000.00	-	Telephone & Internet exp	381,495.00	-
Grant-in-Aid (For Creation of capital assets)	10,000,000.00	-	Printing & Stationery	182,830.72	-
PGIMER Chandigarh	14,737,716.80	-	Sports Expenses	21,272.00	-
<b>Other Receipt Institute</b>			MBBS Course Starting Fees	13,000,000.00	-
Admission Fees	309,020.25	-	Other Misc	76,013.00	-
Registration Fee & Lab Test Charges	2,162,215.00	-	Guest House Expenses	2,900.00	-
Guest House Rent	12,600.00	-	Surgical Grant	232,476.00	-
			Chemical Grant	313,006.08	-
			Glassware / Plasticware	17,986.00	-
			Hospital Diet	174,096.00	-
			Hospital Consumable	45,144.00	-
			<b>Establishment Expenses</b>		
			Salary & Wages	38,585,008.00	-
			Transfer TA / LTC	99,091.00	-
			Website Expenses	216,421.00	-
			<b>Expenditure on Fixed Assets</b>		
			Furniture & Fixture	29,294.00	-
			<b>Closing Balance Institute</b>		
			Dr Satish Gupta-Imprest	525683.72	-
			Cash in Hand	500.00	-
			Receivable from PGI-Grant	19,534,992.00	-
			Receivable from PGI-Hefa Interest	897,746.00	-
			SBI Account	2,478,697.57	-
			Canara Bank Grant Receivable	262,877,098.00	-
			Canara Bank Escrow A/c	102,264.00	-
<b>TOTAL</b>	<b>348,821,550.85</b>			<b>348,821,550.85</b>	

Place : Chandigarh  
Date : 26/06/2020

*Abhay*  
(Kumar Abhay, IAAS)  
Financial Advisor AIIMS BATHINDA

*Jagat Ram*  
(Prof. JAGAT RAM)  
Director, AIIMS BATHINDA



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
(Amount in Rs.)				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE-1A CORPUS/CAPITAL FUND -</b>				
Balance as at the beginning of the Year( Interest on loan to be capitalised)	11,675,095.00		-	-
Add Contribution towards Corpus/Capital fund (HEFA Repayment)	525,000,000.00		-	-
Add Contribution towards Corpus/Capital fund (Interest Repayment)	84,623,077.00		-	-
Add/(Deduct): Balance of net income/(expenditure) transferred from the Income and Expenditure Account	-16,541,508.31	604,756,663.69	-	-
<b>Balance As At The Month End</b>		<b>604,756,663.69</b>		-

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
(Amount in Rs.)				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE- 2 ( RESERVE &amp; SURPLUS )</b>				
<b>1. CAPITAL RESERVE</b>				
As per last Account	-	-	-	-
Add : Additions during the year (Nominal Value of Land)	1.00	-	-	-
Less : Deductions during the year	-	1.00	-	-
<b>Balance As At The Year End</b>		1.00		-
<b>2. REVALUATION RESERVE</b>				
As per last Account	-	-	-	-
Add : Additions during the year	-	-	-	-
Less : Deductions during the year	-	-	-	-
<b>Balance As At The Year End</b>		-		-
<b>3. SPECIAL RESERVE</b>				
As per last Account	-	-	-	-
Add : Additions during the year	-	-	-	-
Less : Deductions during the year	-	-	-	-
<b>Balance As At The Year End</b>		-		-
<b>4. GENERAL RESERVE</b>				
As per last Account	-	-	-	-
Add : Additions during the year	-	-	-	-
Less : Deductions during the year	-	-	-	-
<b>Balance As At The Year End</b>		-		-
<b>Total (1 to 4 )</b>		1.00		-

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
(Amount in Rs.)				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE - 3 EARMARKED/ENDOWMENT/CORPUS FUND</b>				
<b><u>I. Grant-in-Aid For Salary</u></b>				
a) Opening balance of the funds	-	-	-	-
b) Additions to the Funds:	48,100,000.00	-	-	-
Less: Establishment Expenses during the year (Sch. 20)	38,565,008.00	9,534,992.00	-	-
<b><u>III. Grant-in-Aid For Capital Creation</u></b>				
a) Opening balance of the funds	-	-	-	-
b) Additions to the Funds:	10,000,000.00	-	-	-
Less: Capital expenditure during the year (Sch. 8)	-	10,000,000.00	-	-
<b>Total (I+II+III)</b>		<b>19,534,992.00</b>		<b>-</b>

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
(Amount in Rs.)				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE - 4</b>				
<b>(Secured Loans and Borrowings)</b>				
1) Central Government				-
2) State Government (Specify)				-
3) Financial Institutions				-
a) Term Loan (HEFA Loan)	2,758,853,049.71		-	-
b) Interest Accured and due	53,136,823.00	2,811,989,872.71	-	-
4) Banks				-
a) Term Loan			-	-
Interest due			-	-
b) Other Loans (specify)			-	-
Interest due			-	-
5) Other Institutions and Agencies				-
6) Debentures and Bonds				-
7) Others (Specify)				-
<b>Total</b>		<b>2,811,989,872.71</b>		-
<b>SCHEDULE- 5</b>				
<b>(Unsecured Loans and Borrowings)</b>				
1) Central Government				-
2) State Government (Specify)				-
3) Financial Institutions				-
4) Banks				-
a) Term Loan			-	-
b) Other Loans (specify)			-	-
5) Other Institutions and Agencies				-
PGIMER CHANDIGARH				-
6) Debentures and Bonds				-
7) Fixed Deposits				-
8) Others (Specify)				-
<b>Total</b>				-

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
(Amount in Rs.)				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE - 6 (Deferred Credit Liabilities)</b>				
a) Acceptance secured by hypothecation of capital equipment and other assets				
b) Others				
<b>Total</b>				
<b>Schedule - 7 (Current Liabilities and Provisions)</b>				
<b>A. Current Liabilities</b>				
1. Acceptances				
2. Sundry Creditors:				
a) Post Graduate Institute of Medical Education and Research, Chandigarh	16,562,217.60	16,562,217.60		
b) Others				
3. Advances Received ( Hefa Repayment)	262,500,000.00	262,500,000.00		
4. Interest accrued but not due on:				
a) Secured Loans/borrowings				
b) Unsecured Loans/borrowings				
5. Statutory Liabilities:				
a) Overdue				
b) Others TDS 92B,92C & GST-TDS				
6. Other current liabilities -Telephone Bill	177,098.00	177,098.00		
<b>Total (A)</b>		<b>279,239,315.60</b>		
<b>B. Provisions</b>				
1. For Taxation				
2. Gratuity				
3. Superannuation/Pension				
4. Accumulated Leave Encashment				
5. Trade Warranties/Claim				
6. Others (Specify)				
a) Salary Payable (as per Annexure-I)				
b) Expenses Payable (as per Annexure-I)				
<b>Total (B)</b>				
<b>Total (A+B)</b>		<b>279,239,315.60</b>		



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA												
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020												
SCHEDULE - 0 FIXED ASSETS <span style="float: right;">(Amount in Rs.)</span>												
Description	Cost valuation As at beginning of the year	Gross Block			%	Depreciation				Net Block		
		Additions during the year >6 MONTH	<6 MONTH	Deletion during the year		Cost valuation at the Year ----	As at the beginning of the year	On addition during the year	On Deductions During the year	Total up to the year end	As at the current year end	As at the previous year end
<b>A. Fixed Assets</b>												
1.Land	-	-	1.00	-	1.00	-	-	-	-	-	1.00	-
2.BUILDINGS	-	-	-	-	-	-	-	-	-	-	-	-
3.HOSPITAL EQUIPMENT	-	-	53,492,008.41	-	53,492,008.41	15	-	4,011,901.00	-	4,011,901.00	49,480,107.41	-
4.FURNITURE, FIXTURES,	-	-	29,294.00	-	29,294.00	10	-	1,405.00	-	1,405.00	27,829.00	-
<b>TOTAL OF CURRENT YEAR</b>	-	-	53,521,303.41	-	53,521,303.41	-	-	4,013,386.00	-	4,013,386.00	49,507,937.41	-
<b>Previous Year</b>												
CAPITAL WORK-IN PROGRESS	-	3379796036.30			3379796036.30						3,379,796,036.30	
<b>Total</b>	-				3433317339.71						3,429,303,973.71	

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA		
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020		
(Amount in Rs.)		
PARTICULARS	Current Year	Previous Year
	(Rs.)	(Rs.)
<b>SCHEDULE - 9</b>		
<b>(Investments from Earmarked/Endowment Funds)</b>		
1) In Government Securities	-	-
2) Others approved Securities	-	-
3) Shares	-	-
4) Debentures and Bonds	-	-
5) Subsidiaries and joint ventures	-	-
6) Others (to be specify)	-	-
<b>Total</b>	-	-
<b>SCHEDULE - 10</b>		
<b>(Investments Others)</b>		
1) In Government Securities	-	-
2) Others approved Securities	-	-
3) Shares	-	-
4) Debentures and Bonds	-	-
5) Subsidiaries and joint ventures	-	-
6) Others (to be specify)	-	-
<b>Total</b>	-	-

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
(Amount in Rs.)				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE - 11</b>				
<b>(CURRENT ASSETS, LOANS, ADVANCES ETC. )</b>				
<b>A. Current Assets</b>				
1. Inventories				
a) Stores and Spares			-	
b) Loose Tools			-	
c) Stock-in-trade			-	
Finished Goods			-	
Work-in-progress			-	
Raw Materials			-	
2. Sundry Debtors:				
a) Grant Receivable from PGIMER-Salary	9,534,992.00		-	
b) Grant Receivable from PGIMER-Capital	10,000,000.00		-	
c) Interest Receivable from PGIMER(HEFA)-Capital	897,746.00	20,432,738.00	-	
3. Cash balances in hand (including cheques/drafts and imprest)				
4. Bank Balances:				
a) With Scheduled Banks:				
-On Current Accounts				
Canara Bank Grant Receivable A/c	262,677,098.00			
SBI Current A/c	2,478,597.57			
Canara Bank Escrow A/c	102,254.00			
-On Deposit Accounts (includes margin money)		265,257,949.57		
-On Savings Accounts				
5. Cash In Hand	500.00	500.00		
<b>Total (A)</b>		<b>285,691,187.57</b>		

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
PARTICULARS	(Amount in Rs.)			
	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE - 11</b>				
<b>(CURRENT ASSETS, LOANS, ADVANCES ETC.)</b>				
<b>B. Loans Advances and Other Assets</b>				
1. Loan				
a) Imprest to Dr Satish	525,683.72		-	
b) Other Entities engaged in activities/ objectives similar to that of the Entity	-		-	
c) Other (specify)	-	525,683.72	-	
2. Advance and other amounts recoverable in cash or in kind or for value to be received				
a) On Capital Account -HITES Limited	3,230,361,041.30		-	
b) Hefa Interest to be capitalised	149,434,995.00		-	
c) Other ((Advance to HSCC))	-	3,379,796,036.30	-	
3. Income Accrued:				
a) On Investments from Earmarked/Endowment Funds	-		-	
b) On Investments-CLTD Interest	-		-	
c) On Loans and Advances	-		-	
d) Others (includes income due unrealized-Rs.....)	-		-	
4. Claims Receivable				
5. TCS	-		-	
6. TDS on CLTD Interest	-		-	
<b>Total (B)</b>		<b>3,380,321,720.02</b>		
<b>Total (A+B)</b>		<b>3,666,012,907.59</b>		

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA		
SCHEDULE FORMING PART OF INCOME & EXPENDITURE ACCOUNT AS AT 31.03.2020 (Amount in Rs.)		
PARTICULARS	Current Year	Previous Year
	(Rs.)	(Rs.)
<b>SCHEDULE - 12</b>		
<b>(Income from Sales/Services)</b>		
1. Income from sales		
a) Sale of Finished Goods		-
b) Sale of Raw Material		-
c) Sale of Scraps		-
2. Income from Services		
a) Registration Fees & Lab Test Charges	2,162,215.00	-
b) Professional/Consultancy Service	-	-
c) Agency Commission and Brokerage	-	-
d) Maintenance Services (Equipment/Property)	-	-
e) Others (Specify)	-	-
<b>Total</b>	<b>2,162,215.00</b>	<b>-</b>
<b>SCHEDULE- 13</b>		
<b>(Grants/Subsidies)</b>		
<b>(Irrecoverable Grants &amp; Subsidies Received)</b>		
1. Central Government -		
a) Grant-in Aid (For Salary )	38,565,008.00	-
b) Grant-in Aid (For General )	10,000,000.00	-
2. State Government		
3. Government Agencies		
PGIMER Chandigarh	-	-
4. Institutions/Welfare Bodies	-	-
5. International Organisations	-	-
6. Others (Specify)	-	-
<b>Total</b>	<b>48,565,008.00</b>	<b>-</b>
<b>SCHEDULE- 14</b>		
<b>(Fees/Subscriptions)</b>		
1. Guest House Fees	12,600.00	-
2. Admission Fees	309,020.25	-
3. Seminar / Program Fees	-	-
4. Consultancy Fees	-	-
5. Others (Specify)	-	-
<b>Total</b>	<b>321,620.25</b>	<b>-</b>



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2020				
PARTICULARS	Investment from Earmark Fund		Investment- Others	
	Current Year	Previous Year	Current Year	Previous Year
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE- 15</b>				
(Income From Investments)				
1. Interest				
a. On Govt. Securities	-	-	-	-
b. On other Bonds / Debentures	-	-	-	-
2. Dividends				
a. On Shares	-	-	-	-
b. On mutual Funds Securities	-	-	-	-
3. Rent				
4. Others Specify				
<b>Total</b>				

<b>SCHEDULE- 16</b>				
(Income from royalty ,publication etc.)				
1. Income from Royalty	-	-	-	-
2. Income from Publications	-	-	-	-
3. Others (specify)	-	-	-	-
<b>Total</b>				

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF INCOME & EXPENDITURE ACCOUNT AS AT 31.03.2020				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE- 17</b>				
<b>(Interest Earned)</b>				
1. On Term Deposit				
a) With Schedule Bank				
i) Interest Received	-		-	
ii) Interest Accrued	-		-	
b) With Non-Scheduled Banks	-		-	
c) With Institutions	-		-	
d) Others	-		-	
2. On Savings Bank Account				
a) With Schedule Bank	-		-	
b) With Non-Scheduled Banks	-		-	
c) With Institutions	-		-	
d) Others	-		-	
3. On Loans				
a) Employees/Staff	-		-	
b) Others	-		-	
4. Interest on Debtors and Other Receivables				
<b>Total</b>				
<b>SCHEDULE- 18</b>				
<b>(Other Income)</b>				
a) Surety Bond Recovery	-		-	
b) Tender Fees	-		-	
c) Guest House Rent	-		-	
d) Licence Fee	-		-	
e) Miscellaneous Income	-		-	
<b>Total</b>				

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA				
SCHEDULE FORMING PART OF INCOME & EXPENDITURE ACCOUNT AS AT 31.03.2019				
(Amount in Rs.)				
PARTICULARS	Current Year		Previous Year	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>SCHEDULE- 19</b>				
<b>(Increase / Decrease of Stock of Finished Goods &amp; Work in progress)</b>				
a. Closing Stock				
Finished Goods	-		-	
Work-in-progress	-		-	
b. Less: Opening Stock				
Finished Goods	-		-	
Work-in-progress	-		-	
<b>NET INCREASE/(DECREASE) [a-b]</b>				
<b>SCHEDULE- 20</b>				
<b>(Establishment Expenses)</b>				
a. Salary and Wages		38,565,008.00		
b. Allowance & Bonus		-		
c. Website Expenses		-		
d. Contribution to Other Funds (specify)		-		
f. Staff Welfare Expenses		-		
g. Expenses on Employees Retirement and Terminal Benefits		-		
h. Others (Specify)		-		
1) 20.5 Transfer TA / LTC		99,091.00		
2) 20.7 Medical Reimbursement		-		
3) 20.10 Learning Resource Allowance		-		
4) 20.11 News paper Allowance		-		
5) Provision for Leave Encashment		-		
<b>Total</b>		<b>38,664,099.00</b>		

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA		
SCHEDULE FORMING PART OF INCOME & EXPENDITURE ACCOUNT AS AT 31.03.2020 (Amount in Rs.)		
PARTICULARS	0	Previous Year
	(Rs.)	(Rs.)
<b>SCHEDULE - 21</b>		
<b>A) Administrative Expenses etc.</b>		
21.B.1.B MBBS Course Starting Fee	13,000,000.00	-
21.B.2 Sports Expenses	21,272.00	-
21.B.3.1 Electricity & Power Bill	8,910,620.00	-
21.B.3.2 Sanitation expenses	335,045.00	-
21.B.5 Telephone & Internet exp	381,495.00	-
21.B.7 Printing & Stationery	182,830.72	-
21.B.8 Loan Registration Fees( Prior Period)	1,001,600.00	-
21.B.9 Guest House Consumables	174,096.00	-
21.B.10 Guest House Exp	2,900.00	-
21.B.11 Glassware Expenses	17,986.00	-
21.B.12 Chemical Grant Exp	313,006.08	-
21.B.13 Surgical Expenses	232,476.00	-
21.B.15.1 Bank Charges	1,981.76	-
21.B.15.2 Other Misc.	76,013.00	-
21.B.15.3 Website Expenses	216,421.00	-
21.B.16 Consumables Store	45,144.00	-
<b>TOTAL</b>	<b>24,912,886.56</b>	<b>-</b>

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA		
SCHEDULE FORMING PART OF INCOME & EXPENDITURE ACCOUNT AS AT 31.03.2020 (Amount in Rs.)		
PARTICULARS		Previous Year
	(Rs.)	(Rs.)
<b>SCHEDULE- 22</b>		
<b>(Expenditure on Grants, Subsidies etc.)</b>		
a. Grants given to Institue / Organisation		
b. Subsidies given to Institue / Organisation		
<b>TOTAL</b>	-	-
<b>SCHEDULE- 23</b>		
<b>(Interest)</b>		
a. On Fixed Loans	-	-
b. On other Loans (including Bank Charges)	-	-
c. Others (specify)	-	-
<b>TOTAL</b>	-	-



## NOTES OF ACCOUNTS

## SCHEDULE - 25

**1. Contingent Liabilities**

The Institute has no contingent liabilities towards claims, bank guarantees, letter of credit, bill discount disputed demand etc.

**2. Grant-in-Aid**

Government Grants are accounted on realization basis.

**3. Taxation**

In view of no taxable income under Income tax act 1961, no provision for income tax has been considered necessary.

**4. Fixed Asset**

The amount released to the executing agency for construction has been shown as Capital WIP in schedule 8 and The Interest paid on Loan has not been capitalized during the current Financial Year and is included in the value of Capital WIP since it was not possible to bifurcate the amount of Interest pertaining to Equipments and Building separately during this Financial Year.

**5. Current Assets, Loans And Advances**

Current assets, loan and advances has been stated in the balance sheet on actual transaction basis.

**6. Capital Fund (Donation etc)**

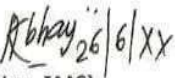
During the financial year 2019-20, Rs. Nil has been received as donation. Further, the amount directly released by the Ministry to HITES has not been accounted for in the Books during this Financial Year in the absence of which the Building has not been capitalized during this Financial Year.

7. The depreciation has been provided in the books of accounts as per the W.D.V. method and rates specified are as per the Income Tax Act, 1961.

8. Schedule 1 to 25 are annexed to and form an integral part of the Balance Sheet as at 31.03.2020 and the Income and Expenditure Account for the year ended on that date.

Place: Chandigarh

Date:

  
(Kumar Abhay, IAAS)  
Financial Advisor, AIIMS Bhatinda



(Prof. Jagat Ram)  
Director, AIIMS Bhatinda



भारतीय लेखापरीक्षा तथा लेखा विभाग  
कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय), चण्डीगढ़



Indian Audit & Accounts Department  
Office of The Principal Director of Audit (Central),  
Chandigarh

सं०/No: पी.डी.ए.(सी)/के. व्यय/SAR AIIMS Bathinda/2019-20/ 194 दि०/Dated: 29-4-21

सेवा मे,

सचिव,  
Ministry of Health & Family Welfare,  
Government of India,  
Nirman Bhawan,  
New Delhi - 110001

विषय: All India Institute of Medical Sciences, Bathinda (Punjab) के वर्ष  
2019-20 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन

महोदय,

कृपया All India Institute of Medical Sciences, Bathinda (Punjab) के  
वर्ष 2019-20 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन (Separate Audit Report)  
संसद के दोनों सदनों के समक्ष प्रस्तुत करने हेतु सलग्न पायें। संसद में प्रस्तुत होने तक  
प्रतिवेदन को गोपनीय रखा जाए।

संसद में प्रस्तुत करने के उपरांत प्रतिवेदन की पांच प्रतियाँ इस कार्यालय को भी  
भेज दी जाएँ।

कृपया इस पत्र की पावती भेजें।

संलग्न: उपरोक्त अनुसार

भवदीय,

सुशील

प्रधान निदेशक

उपरोक्त की प्रतिलिपी वर्ष 2019-20 की पृथक लेखापरीक्षा प्रतिवेदन की प्रति सहित  
आवश्यक कार्यवाही हेतु निदेशक, All India Institute of Medical Sciences, Mandi  
Dabwali Road, Bathinda, Punjab-151001 को प्रेषित की जाती है।

भवदीया,

**Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of the All India Institute of Medical Sciences, Bathinda, Punjab for the year ended 31<sup>st</sup> March 2020**

We have audited the Balance Sheet of All India Institute of Medical Sciences, Bathinda, Punjab as on 31st March 2020, Income and Expenditure Account and Receipts and Payments Account for the year ended on that date under Section 19(2) of the Comptroller and Auditor General's (Duties, Power and Conditions of Service) Act, 1971 read with Section 18(2) of the All India Institute of Medical Sciences (AIIMS) Act, 1956.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/ CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- ii) The Balance Sheet and Income and Expenditure Account/Receipt and Payment Account dealt with by this Report have been drawn up in the Uniform format prescribed by the Ministry of Finance, Government of India ;
- iii) In our opinion, proper books of accounts and other relevant records have been maintained by the All India Institute of Medical Sciences, Bathinda, Punjab in so far as it appears from our examination of such books.

iv) We further report that:



**A. Balance Sheet**  
**A.1 Corpus/ Capital Fund and Liabilities**  
**Current Liabilities & Provisions (Schedule 7): ₹27.92 crore**  
**Salary Payments – Nil**

Above does not include salary of ₹1.05 crore for the month of March 2020 which has been paid during 2020-21. Outstanding Liability of ₹1.05 crore should have been booked. Non-provision of the salary resulted in understatement of Current Liabilities & Provisions as well as expenditure of current year by ₹1.05 crore.

**A.2 Assets**  
**A.2.1 Fixed Assets (Sch.8)**  
**Hospital Equipments (Net Block) Rs.4.95 crore**

(a) The Institute has adopted Written Down Value (WDV) method of depreciation at the rates prescribed by the Income Tax Act 1961.

Above represents Net block of Hospital (medical) Equipments after charging the depreciation of ₹0.40 crore (at the rate of 15% on ₹5.35 crore for half year on assets added after 30 September 2019), whereas Income Tax Act prescribes 40% depreciation on Medical Equipments and Computer & Peripherals. Accordingly, depreciation works out to ₹1.07 crore ( $5.35 \times 40\% \times \frac{1}{2}$ ), instead of ₹0.40 crore actually provided. Further, equipments of ₹5.35 crore include Computer & Peripherals of ₹0.43 crore (depreciation rate being 40 percent per annum), which may be transferred to Computer & Peripherals.

This has resulted in overstatement of Fixed Assets and understatement of Depreciation by Rs. 0.67 crore.

(b) Above includes equipments of ₹ 40.33 lakh which have been received but not installed during 2019-20. As the installation is pending, the amount should have been transferred to Capital Work in Progress. This has resulted in overstatement of Hospital equipment by Rs. 32.26 lakh, overstatement of Depreciation by Rs. 8.07 lakh and understatement of Capital Work in Progress by ₹40.33 lakh, each.

**A.2.2 Loans, Advances and Other Assets**  
**Advances and other amounts recoverable in cash or kind or value to be received**

(a) **On Capital Account-HITES Limited: ₹323.04 crore**

Above represents advance given to M/s HITES Ltd. on account of Construction of Main Campus of AIIMS Bathinda and procurement of equipments. As per expenditure statement, HITES has completed Capital Works valuing ₹364.32 crore as on 31.03.2020 and the buildings of ₹135.39 crore were handed over during 2019-20. Thus, an amount of ₹135.39 crore should have been booked under (Buildings) Fixed

Assets and balance amount of ₹228.93 crore should have been booked under Capital Work in Progress. Moreover, liability for amount due to HITES Ltd. of ₹41.28 crore (364.32-323.04) should have been booked. This has resulted in understatement of Fixed Assets by ₹121.85 crore, understatement of depreciation by ₹13.54 crore (at the rate of 10 percent per annum on ₹135.39 crore), understatement of Capital Work in Progress by ₹228.93 crore, overstatement of Current Assets, Loans, Advances etc by ₹323.04 crore and understatement of Current Liabilities & Provisions by ₹41.28 crore.

**b) HEFA Interest: ₹14.94 crore**

Above represents interest on HEFA Loan utilised to pay Capital Advances to HITES Limited. It should have been shown under Capital Work in Progress, instead of under Current Assets, Loans and Advances etc. This has resulted in overstatement of Current Assets, Loans & Advances etc and understatement of Capital Work in Progress by ₹14.94 crore.

**B. Income & Expenditure Account  
Expenditure**

**Other Administrative Expenses (Schedule 21): ₹2.49 crore**

**B.1** Above includes advance of ₹1.30 crore released to Baba Farid University, Faridkot for starting MBBS Classes at their campus, being temporary campus of the University. This should have been booked under Current Assets, Loans & Advances, instead of booking as expenditure. This has resulted in understatement of Current Assets, Loans & Advances and overstatement of Administrative Expenses by ₹1.30 crore.

**B.2** Above wrongly includes stamp duty of ₹10.01 lakh towards the HEFA Loan Agreement taken for construction of AIIMS, Hospital. This should have been booked under Capital Work-in-Progress, till the completion of buildings. This has resulted in understatement of Capital Work-in-Progress and overstatement of Administrative Expenses by ₹10.01 lakh.

**C. Notes to Accounts (Schedule 25)**

A reference is invited to note at to Sl.no.4, wherein it has been stated that the amount released to the executing agency for construction has been shown as Capital WIP. The note given is incorrect as amount released to the executing agency has not been shown under Schedule 8, instead included in Schedule 11 - Current Assets, Loans, Advances etc.



This note further states that interest paid on loan has not been capitalized during the current Financial Year and is included in the value of Capital WIP, which is also incorrect, as interest paid on loan has not been included in Capital WIP. Instead it is included in Schedule 1A – Corpus/Capital Fund and the interest payable has been booked in Current Liabilities.

**D. General**

**D.1 Net Impact of Audit Comments**

Net impact of audit comments on the Annual Accounts of the Institute for the year ending March 2020 are as follows:

- (i) Assets are understated by Rs. 28.55 crores;
- (ii) Liabilities are understated by Rs. 42.33 crores and;
- (iii) Capital/Corpus is overstated by Rs. 13.78 crores.

**D.2** The Institute has not depicted whether Land is Freehold or Leasehold in contravention to Uniform Format of Accounts prescribed by the Ministry of Finance.

**D.3** The Institute has not prepared Significant Accounting Policies. The Institute has not depicted policy regarding the basis of preparation of Annual Accounts. The other requisite policies have also not been annexed, which are required as per Uniform Format of Accounts prescribed for Autonomous Bodies.

**E. Grants-in-Aid**

**E.1** The position of Grant-in-Aid of the Institute as on 31.03.2020 is as under:-  
(Rs. in crores)

Particulars	OH-31		OH-35 Capital	OH-36 Salary	Total
	General	HEFA (Loan + Interest)			
Opening Balance	--	--	--	--	--
Add: Grants received during the year	1.00	62.04 (52.50 + 9.54)	1.00	4.81	68.85
Total available funds	1.00	62.04	1.00	4.81	68.85
Utilization as on 31.03.2020	2.49	62.04	--	3.86	68.39
Unutilized balance as on 31.03.2020	-1.49	--	1.00	0.95	0.46

**E.2** The Institute was released grant of ₹1.00 crore under head “General-31”, while the Institute has incurred expenditure of ₹2.49 crore under this head. Thus, ₹1.49 crore (2.49-1.00) has been expended over and above the grant funds. It appears that grant funds of OH-36 and OH-35 have been utilized to meet the excess

expenditure of ₹1.49 crore under OH-31. The grant funds thus utilized to meet the excess expenditure need to be regularized from Ministry.

**F. Management letter**

Deficiencies which have not been included in the Audit report have been brought to the notice of the Institute's management through a management letter issued separately for remedial/corrective action.

5) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.

6) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and other significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:

a. In so far as it relates to the Balance Sheet, of the state of affairs of the All India Institute of Medical Sciences, Bathinda, Punjab as at 31<sup>st</sup> March 2020; and

b. In so far as it relates to Income & Expenditure Account, of the deficit for the year ended on that date.

For and on behalf of the C & AG of India

*hi*

Principal Director of Audit (Central), Chandigarh

Place: Chandigarh

Date: 29.4.21

## **Annexure to Separate Audit Report**

### **1. Adequacy of Internal Audit System**

There was no system of internal audit in existence during the year 2019-20.

### **2. Adequacy of Internal Control System**

Internal Control System is considered inadequate as :-

- a) The Institute has not prepared its Accounting Manual.
- b) Regular staff for the Institute was not appointed during the period.
- c) No separate vouchers were maintained but have been kept together with PGIMER's vouchers. Many vouchers were not traceable.
- d) The reconciliation of advances given to HITES Limited was not done.
- e) Complete ledgers with narration were not available.
- f) Recruitment policy was not available.
- g) Fixed Assets register was not maintained.

### **3. System of Physical Verification of Fixed Assets**

Physical verification of the fixed assets for the year 2019-20 was not done.

### **4. System of Physical Verification of Inventories**

The institute has shown Nil stock on the date of Balance sheet.

### **5. Regularity in Payment of Statutory Dues**

As per books of Accounts, the Institute was regular in depositing statutory dues.

  
29/04/21  
**Deputy Director**

सुशील कुमार ठाकुर, आई.ए.ए.एस.  
Sushil Kumar Thakur, IAAS



प्रधान निदेशक लेखापरीक्षा (केन्द्रीय), चण्डीगढ़  
PRINCIPAL DIRECTOR OF AUDIT (CENTRAL),  
CHANDIGARH

दिनांक/Date: 29.04.2021

Dear Prof. Singh,

The audit of annual accounts of your Institute for the year ended 31 March 2020 was conducted and significant audit comments in respect of the same have been reported through the Separate Audit Report. However, certain deficiencies noticed which have not been included in the Separate Audit Report but nevertheless are significant (as detailed in the annexure), are being brought to your attention.

You are requested to take corrective measures in this regard.

*Warm regards*

Yours sincerely,

*hi*

**Prof. Dinesh Kumar Singh,  
Executive Director,  
AIIMS, Bathinda**



### Annexure to the Management letter

1. As per the accounts, out of advances given to HITES Ltd., the Institute has received equipments valuing ₹5.35 crore that have been capitalized under Fixed Assets and the balance of Rs. 323.04 crore are lying as advances with HITES Ltd.. Thus, as per accounts, a total amount of ₹328.39 crore was released to HITES by the Institute, upto 31.3.2020.

While, as per the HITES letter dated 02.01.2020, the funds of ₹340.41 crore were available with HITES as on that date and following further payments were made to the HITES till 31.03.2020 :-

Date	Amount
22.01.2020	₹23.92 crore
29.02.2020	₹42.35 crore
<b>Total</b>	<b>₹66.27 crore</b>

Thus, payment of ₹406.68 (340.41+66.27) crore had been made as on 31.03.2020. As such, there is a difference of ₹78.29 crore (406.687 – 328.39). Hence, the capital accounts of HITES and AIIMS, Bathinda are not reconciled and the related balances could not be verified.

2. Grants of AIIMS, Bathinda were received in account of mentor Institute PGIMER, Chandigarh. Instead, separate Bank account should have been opened for keeping the grants received.

  
Deputy Director