

9.1

❖ 3D PRINTING LAB, AIIMS PATNA ❖

The 3D Lab (3D Printing Lab) at AIIMS Patna was inaugurated on 13.05.2019 by Hon'ble Director Sir, Prof. P.K. Singh. The Lab is situated within the premises of the Department of Anatomy, AIIMS Patna on the 3rd Floor of Academic Building. The Lab has been set up with state of the art 3D Printing Equipments and is at par with the highest standards pertaining to 3D Printing services available across the globe. Since its inception, 3D Lab at AIIMS Patna has been delivering its services under the aegis of an Empowered Committee dedicated towards ensuring smooth functionality of the Lab.

The esteemed members of this Empowered Committee are:

1. Prof. Prem Kumar, HoD, Department of Radiodiagnosis.
2. Dr. Sanjeev Kumar, Additional Professor & Head, Department of CTVS.
3. Dr. Veena Singh, Associate Professor & Head, Department of Burns & Plastic Surgery.
4. Dr. Kranti Bhawana, Additional Professor & Head, Department of ENT.
5. Dr. Sanjib Kumar Ghosh, Associate Professor & Head, Department of Anatomy.

In a short span of time, 3D Lab AIIMS Patna has earned reputation as a high end service delivery centre and this could be attributed to the expertise and hard work of the 03 Trained Personnel deputed by the Organization from whom the equipments of the Lab were procured. In addition to these personnel, 02 Artist & Modeller from the Department of Anatomy, Mr. Chandan Kumar & Mr. Menajuddin Ansari, have also been deputed to work in the 3 Lab such that they can train themselves to work in the 3D Lab and facilitate the training of Faculty Members across departments in AIIMS Patna.

At the time of inauguration of the 3D Lab AIIMS Patna, a robust training program was organized in the form of Hands-On Workshop which was attended by 17 Faculties across the Departments (Both Medicine as well as Surgical

Broad and Super specialties) of the Institution. Since then the Hands-On Workshop based training is being conducted as an open session every Saturday for the convenience of the stakeholders. The Ongoing training program in the 3D Lab AIIMS Patna, being undertaken by the trained personnel, has emerged as a remarkably successful program which is evident from the steady increase in the number of attendees which encompass faculties, residents and students (MBBS/ MD/ MS/ DM/ M.ch/ B.Sc. Nursing). The ongoing training program is contributing in a significant way towards enhancing functionality of the 3D Lab as requests for service delivery is on the rise. This aspect can potentially impact patient care services, teaching activities and research output in the Institute in a positive manner.

The Core Services that are being availed through 3D Lab, AIIMS Patna are as under:

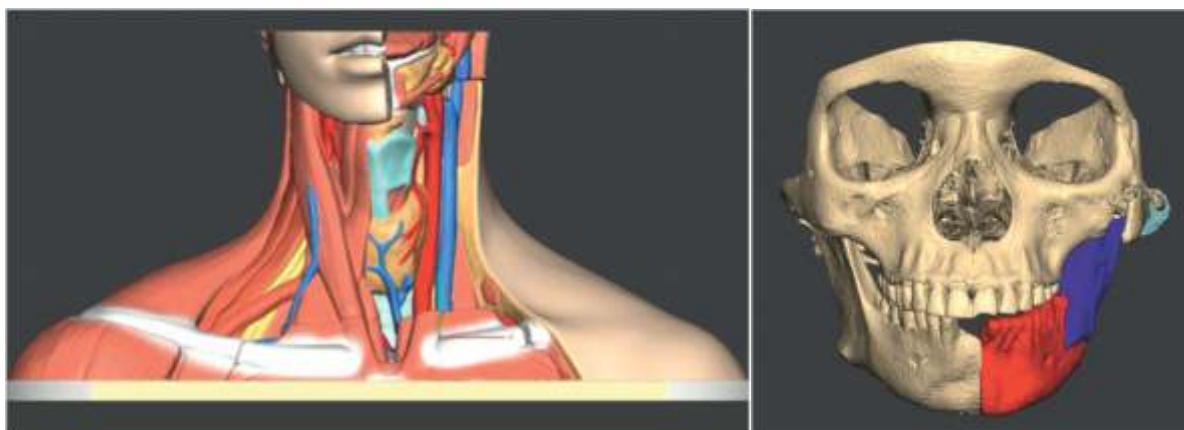
1. Conversion of actual patient's DICOM Files to digital 3D Format.
2. 3D communication images & model of actual patient for interdisciplinary communication and patient counselling.
3. Patient's actual Anatomic 3D printed models.
4. Post Treatment Communication Model.
5. Virtual Surgery Planning.
6. 3D Restoration & Reconstruction.
7. Pre and Post treatment analysis.
8. Virtual 3D stimulation using Crisalix Software.
9. Teaching & Learning 3D Models for Students, Residents and Faculty Members.

Considering the time interval and the resource materials required for printing a single 3D Model, the 3D Lab AIIMS Patna has been exceptional in performance. Till date 52 Models (3D Models) have been printed and 3D Scan Based Analysis have been performed in 26 cases through the Lab on the basis of requests raised by Faculty Members from the various departments like Anatomy, Burns & Plastic Surgery, Dentistry, Orthopaedics, Neurosurgery, Radiodiagnosis, Surgical Gastroenterology among others. Special

mention should be made about the fact that Embryology Models were printed for the Anatomy Department of All India Institute of Medical Sciences, AIIMS Deoghar, which is a mentee institute of AIIMS Patna. This played a significant role in setting up of the Department of Anatomy in AIIMS Deoghar. Besides 3D Printed Models pertaining to different human systems were prepared and supplied on request to the Department of Radiodiagnosis. As per feedback received, these models have been a significant addition to the existing teaching & training tools in the department.

In a nutshell, within a short span of time, the newly established 3D Lab AIIMS Patna has emerged as a standalone point of service

delivery and skill development centre within the campus of the Institute. Undoubtedly, the establishment of 3D Lab has added to the capability of this Institute of National Importance (INI) by ensuring the availability of cutting edge technology within its premises. The Empowered Committee Members as well as the Personnel working in the Lab strive to develop the quality of the 3D Lab in course with changing times and try their level best to keep themselves familiar with the latest developments in this domain across the globe. The 3D Lab AIIMS Patna is a shining light which is ably guiding the progress of the Institute and it promises to glow even brighter in the future.



9.2

— CENTRAL LIBRARY —

The Central Library at All India Institute of Medical Sciences, Patna is the place for individual or group study, various kinds of intellectual interactions as well. Going to the library adds value to student learning experience and offers many of the tools and experience that will give them the competitive edge they will need to succeed after their formal education is completed. To support our users by making the discovery of and access to high-quality resources as easy and intuitive as possible via attractive and distinctive physical and online environments and assist users in the application of information in their teaching, learning and research activity.

Strategic aims

- ❖ Ensure our staff are well-trained and motivated.
- ❖ Develop and enhance access to high-quality resources.
- ❖ Encourage better relationships between library staff and students.
- ❖ Play a leading role in enhancing the overall student experience .
- ❖ Provide excellent services in support of teaching and research.

CENTRAL LIBRARY COMMITTEES

Management Committee-

Central Library has a management committee of three faculty-

- ❖ Dr. C. M. Singh, Professor, Department of Community and Family Medicine- Chairman
- ❖ Dr. Sushil Kumar, Associate Professor, Dept. of Biochemistry- Member
- ❖ Dr. Meenakshi Tiwari, Associate Professor, Dept. of Pathology/Lab Medicine Laboratory Medicine- Member

Purchase Committee-

Purchase committee is responsible for purchase of books, Journals and related items of library.

- ❖ Dr. C. M. Singh, Professor, Department of Community and Family Medicine- Chairman
- ❖ Dr. Tribhuvan Kumar, Additional Professor, Dept. of Physiology- Member

Timings and Membership

The library remains open 24 hours on all working days of the year and beyond normal office hours. The staffed services are available between 08.00AM to 08.00PM (Monday to Saturday). The library is fully air-conditioned with 250 seating capacity.

It provides free access to all faculty, residents, students and employee of the institute. During the period under the report, there were 910 users which includes faculty, residents, PG, students and staff.

Services

The library continues to extend the following services to its users. These services have been modernized, updated and strengthened.

Automated with KOHA (Library Management Software)

The Central Library having a good number of medical books, monographs, pamphlets and technical and clinical reports. Central Library Online Public Access Catalogue (OPAC) is available on public IP (<http://14.139.200.23/>).

Computer Lab

The Central Library has their own Computer Lab, where Library offers access to computers and the Internet. The Library fully has wireless Internet access to all library users.

ONLINE DATABASE

A beginning has been made with the subscription of all OVID medical Journals. New England Journal of Medicine & AMA Journals. The Library subscribes Up-to-date, Lippincott Procedures and Clinical Learning online database. OVID Discovery Service (<http://aiimsp.ovid.com/>) is also available to search all subscribed Library resources and Open Access Journals through a single search box. Searches are possible by Journals, Title, Authors, keywords and free text. The researchers use advanced search, and can restrict results using a huge number of limiters.

The Library users can be also access e-journals and others online database at <http://elibraryaiimspatna.remotex.in> by login their individual credential and also the off campus.



MEMBER OF CONSORTIUM AND OTHER ASSOCIATION

The Central Library, AIIMS Patna is also a member of The ERMED-India Consortium, managed by the National Medical Library, New Delhi and provided free access of five medical publishers' journals to our institute. These online (243) e-journals can be accessed from computers and wireless network on campus and there is no need of any username and password.

The library has obtained institutional membership of Current Science Association (Bangalore).

Prepladder – Central Library provides facility of Prepladder app with tabs for the students.

Other facilities available:

- ❖ **Xerox Facility-** The Xerox facility has also been provided to the users of the library. The users can get the photocopy of the limited page of books / journals on the payment of normal charges. The Xerox facility remains open 8am to 8pm only on all working days.
- ❖ Wi-Fi facility available.
- ❖ English & Hindi Newspaper 7 in number
- ❖ May I Help You counter

Vision:-

1. RFID Security System with Kiosk with Book drop box
2. CC TV Camera.

Chairman - Central Library:

S. No.	Name	Designation
1	Prof. Dr. C.M. Singh	Professor, Dept. of CFM

9.3

— HOSTEL SECTION —

GIRLS' HOSTEL



Chief Warden : Dr. (Prof) Ruchi Sinha
 Faculty in Charge : Dr. Mukta Agarwal
 Warden : Mrs. Nitu Kumari
 Warden : Mrs. Nisha Singh
 Junior Warden : Mrs. Heena Praveen

There are 21 cleaning staffs (working in two shifts) with one supervisor.

Introduction

The institute provides residential facility to the students. There are four Girls Hostels at AIIMS Patna. General rules and regulations regarding hostel administration and code of conduct are followed. The total accommodation to be available in these hostels are as follows:-

S. No.	Hostel No.	Name of Hostel	Number of Rooms
1	4	Resident Hostel	100
2	5	Interns + Resident Hostel	100
3	6	Nursing	150 (Double occupancy)
4	7	MBBS	150

A. Facilities available

All the hostels have 24 hours electricity and running water supply and lift facility.

1. Each room is furnished with wooden bed with storage drawers, mattress, study table, chair, book shelf, steel almirah and fan.
2. Central rooftop geysers for each hostel to provide heated water.
3. RO system for safe drinking water.
4. Television set for every floor of each hostel.
5. One refrigerator is installed in all the hostels.
6. Daily newspapers are available (Three English & Two Hindi)
7. Air Conditioned Gym (located in College building)
8. All hostels have lifts operating 24x7
9. 24x7 Wi-Fi facility is available in all the hostels
10. Badminton court

B. Dining Hall & Modular Kitchen

Two dining halls are available with 105 chairs and 65 dining tables with six seater dining tables also. Mess is being run under supervision of Director and Mess committee. Inspection is done by the Chief Warden and the Administration of the Institute on regular intervals. A large modular kitchen is also under construction. One cafeteria is also running round the clock.

C. Cleaning and Pest Control

Round the clock sanitation (CHS) staffs are available for room and common area cleaning. Also regular pest control is done inside and outside the hostel on weekly basis. It includes fogging around the hostel buildings.

D. Safety and Security Measures

Round the clock female security guards are posted in each hostel. This year a boundary wall has been built around the Girl's hostels for more security & safety. One male guard & one female guard are assigned on the main gate 24 x7.

E. Sports and Cultural Activities

Following common facilities are also available:

- ❖ Volley Ball Court
- ❖ TT Room
- ❖ Badminton Court
- ❖ Football Ground
- ❖ Cricket Ground

— BOYS' HOSTEL —

AIIMS Patna is one of the premier health Institute of the country and offers patient care, M.D, M.S., MBBS and BSc Nursing teaching courses. Currently, a total of 160 undergraduate students (100 MBBS and 60 BSc Nursing) are admitted each year. AIIMS-P has 11 hostels for its undergraduate and resident (Junior & Senior residents) students. Presently 6 hostels (Hostel No 1, 2, 3, 8, 9, and 10) are designated for Boys and Hostel No.11 is married accommodation. AIIMS Patna follows the policy of zero tolerance towards ragging in hostels. For this purpose, an anti-ragging cell has been created to keep vigil on students. Administrative staffs guide and support student having any complaint or inconvenience.

Chief Warden : Dr (Prof) Bindey Kumar (Till 18th Feb 2020)
 Dr. Anup Kumar (19th Feb 2020 onwards)
 Faculty In charge : Dr. Anil Kumar
 Wardens : Mr. Brijesh Mishra
 Mr. Rajesh Thakur

There are 23 Cleaning Staff (working in two shifts) & one supervisor

The Chief Warden heads the Boys' and Residents' hostel and with assistance from the Faculty-in-charge hostel. They visit the mess and hostel premises to meet the students and staff. They monitor the cleanliness, sanitation and the activities around the hostel premises. They resolve the complaints of the boarders time to time. The wardens look after the day-to-day functioning with the co-ordination of Faculty-in-charge of the Boy's hostel. The sanitary department maintains the cleanliness of the premises. The security department safeguards the hostels from intruders and unsocial elements.

During the COVID 19 pandemic the hostel administration and the support staffs worked hard in providing transit accommodation to the doctors on duty in Hostel no 1 and the sanitation workers followed the protocols to maintain the best possible hygiene.

The students who were in the hostel during the lockdown, were taken good care by the hostel staffs.

A. Details of the Boys' and Residents' Hostel:

The institute provides residential facility to the students. General rules and regulations regarding hostel administration and code of conduct are followed.

The total accommodation available in these hostels is as follows:-

S. No.	Hostel No.	Name of Hostel Building	Numbers of rooms
1	Hostel No. 01	Residents Boys	80
2	Hostel No.02	Residents Boys	96
3	Hostel No. 03	Undergraduate Boys	125
4	Hostel No.08	Undergraduate Boys	125
5	Hostel No.09	Undergraduate Boys	125
6	Hostel No. 10	Residents Boys	112
7	Hostel No. 11	Married Resident	120

B. Infrastructure and Facilities:

All Hostels have 24 hours electricity facility & running water supply and lift facility.

1. Each room is furnished with a wooden bed, mattress, cupboard, study table & chair, book shelf, steel almirah and fan.
2. Central rooftop geysers for each hostel to provide heated water
3. TV in each hostel
4. R.O with water cooler for safe drinking water
5. One refrigerator in each hostels
6. 24x7 Wi-Fi facility
7. Daily newspaper available in U G Hostels only: Two sets (Two English & two Hindi).
8. Well-equipped Students Gymnasium available in the premises of the medical college building.

9. Sports facility:

- a. Volley ball court
- b. TT room
- c. Badminton court
- d. Football Ground
- e. Cricket Ground

AIIMS Patna organizes Annual sport 'KAIZEN' every year but due to COVID-19 pandemic in 2020 it was postponed. It's an inter college event in which students of different colleges and universities participate. Cultural and literary activities are also organised in the event.

C. Dining Hall & Modular Kitchen

Three dining halls are available with 156 chairs and 74 dining tables. Six seaters dining table is also provided to mess.

One cafeteria is also running round the clock.

Mess is being run by under supervision of Director and Mess Committee. Mess inspection is done by the Chief Warden & administrative authorities of Institute at frequent intervals.

One large modular kitchen is also under construction.

The mess timings are as follows:

Breakfast	: 7:00 AM	to	8:00 AM
Lunch	: 01:00 PM	to	2:00 PM
Tea time	: 5:00 PM	to	6:00 PM
Dinner	: 8:00 PM	to	9:30 PM

D. Cleaning and Pest Control

Round the clock sanitation (CHS) staffs are available for room and common area cleaning. Also regular pest control is done inside and outside the hostel on weekly basis. It includes fogging around the hostel buildings.

E. Safety and Security Measures

Round the clock security guards have been posted in hostels for safety of the residents. First aid boxes are available with medicines & dressing materials in each hostel.

Glimpses of Hostels at AIIMS Patna



9.4

GUEST HOUSE

The Institute's guest house, situated at residential complex in a calm atmosphere amidst verdant greenery with beauty of campus's backyard-forest as background.

AIIMS Patna is located at the outskirts of the city of Patna. So this is to provide a comfortable stay for the visitors to the institute in different capacity like people's representatives, officials, faculty, external examiners, scientists, experts, resource persons or guest speakers to various CMEs and scientific programs organized at the institute.

Guest house consists of 3 suites and 10 double occupancy deluxe rooms. If vacancy exists

accommodation is provided to parents of institute's students and delegates of medical conferences. There is a SOP for allotment of room's priority wise. One needs to apply for this on prescribed format to **Email Id: guesthouse@aiimspatna.org**.

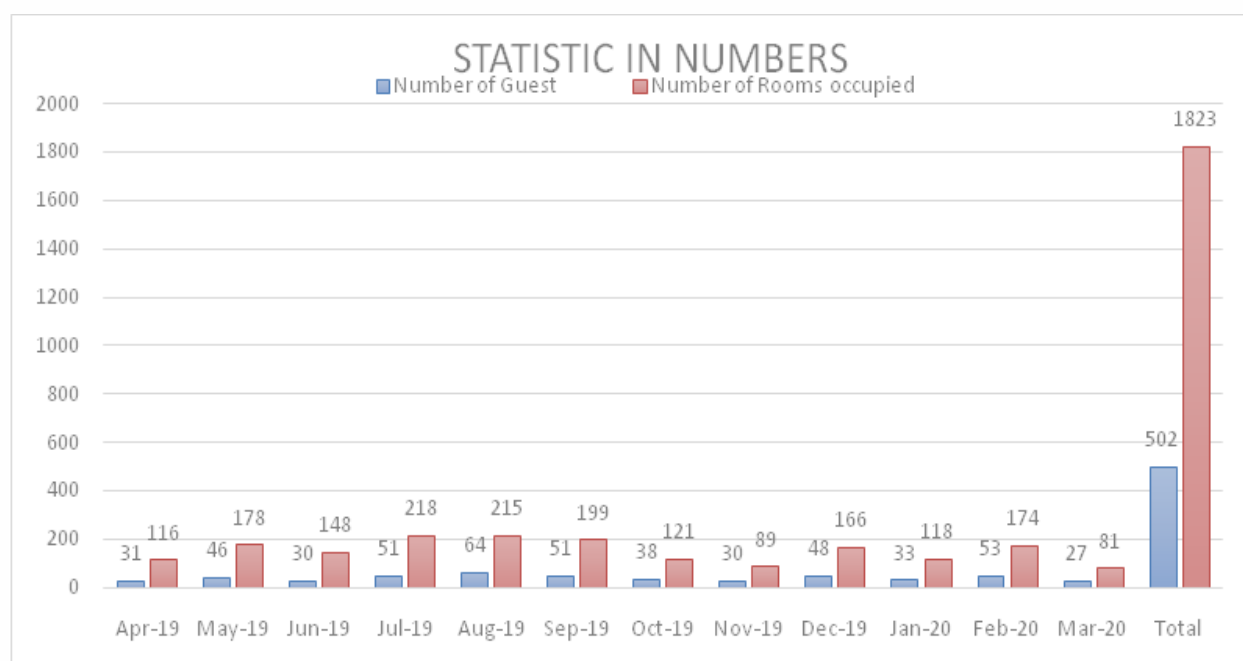
It has a small immaculate kitchen which takes care of dining requirement of national and international guests. We have a dedicated team of staff who works to reflect our culture of conviviality.

Apart from a service unit our motto is to maintain an ambience of

"Cleanliness, Serenity and Hygiene".

Brief statistics of Guest house

April 2019 – March 2020	Number of Guest	Number of Rooms Occupied
Total	502	1823

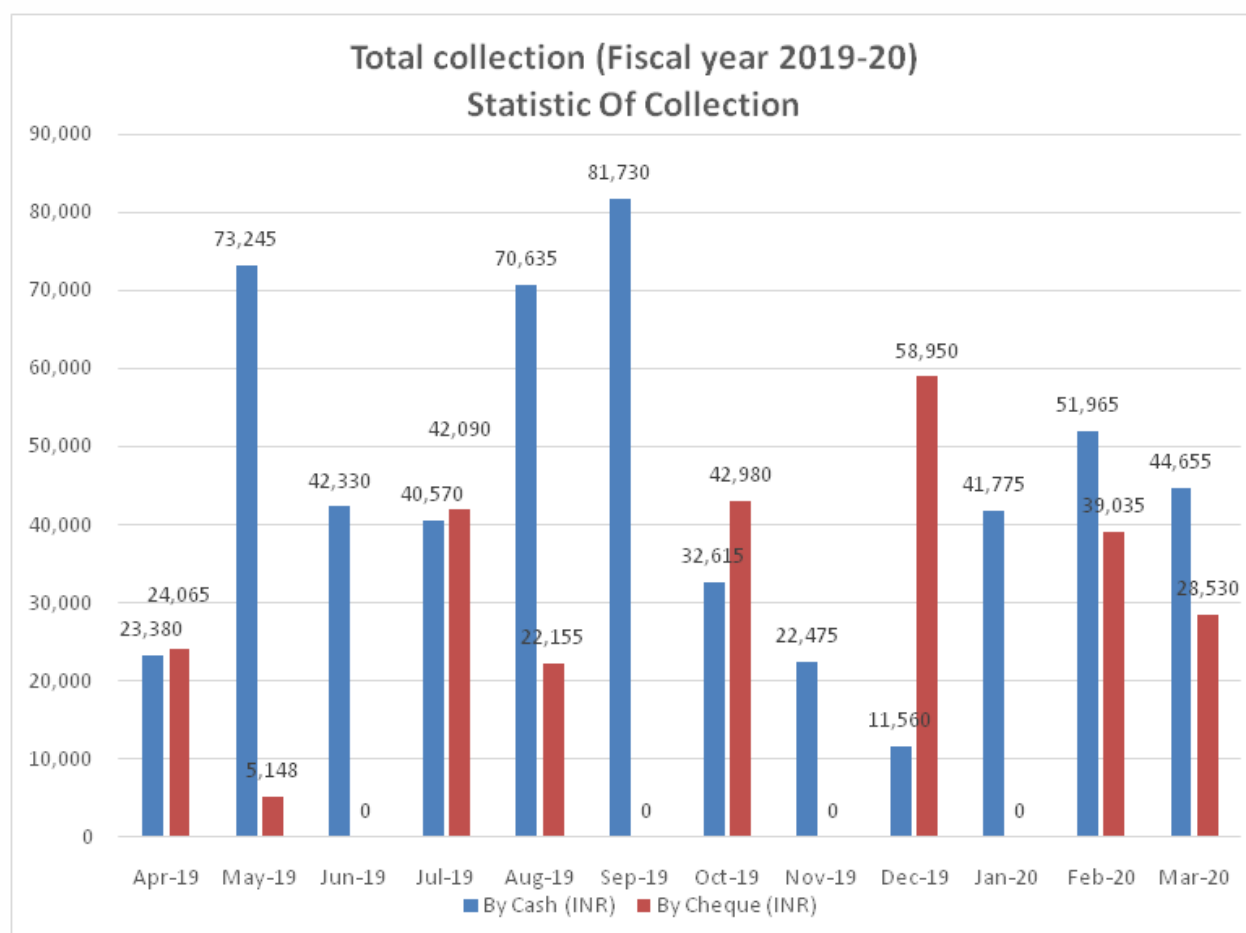


Total revenue collection (Fiscal year 2019-20)

April 2019 – March 2020	By Cash (INR)	By Cheque (INR)
Subtotal	5,36,935	2,62,953
Total (A+B)	7,99,888	

Guest House Landline Number: 0612-245 2121, CUG No: 8544423408

Email Id: guesthouse@aiimspatna.org



Guest House



अतिथि देवो भवः

Faculty Incharge (F/I) Guest Accomodation & Protocol Officer:

Dr Sanjeev Kumar, Additional Professor & HoD, CTVS

Office Assistant-1

Office Attendant-1

CHS-8