

# e-Newsletter

**Volume IV**

Sep 2023 - Aug 2024



आरोग्यम् परमं सुखम्



**All India Institute of Medical Sciences  
Deoghar**



**Prof. (Dr.) Saurabh Varshney**

MS; FAMS; FACS; FICS; FIMSA; FIABS; FIHF; FIAO;  
FCCP; PGDMLS; DHA; DBA.Ph D (hc)

**Executive Director & CEO**

## Message from Executive Director & CEO Desk

I am thrilled to announce the release of our fourth e-Newsletter, which highlights the remarkable progress and activities at AIIMS Deoghar. As the Executive Director, I take great pride in the milestones we have achieved, and I am excited to share our journey with you.

In this edition, you'll discover key updates that underscore our unwavering commitment to excellence in medical education, research, and community service. Our institute remains dedicated to shaping the future of healthcare by nurturing the next generation of professionals.

You'll find insights into groundbreaking research initiatives that are pushing the boundaries of medical knowledge. We are proud to highlight recent discoveries, ongoing research projects, and collaborations that are transforming patient care and advancing our understanding of diseases. Translating these findings into real-world solutions is central to our mission of making a tangible difference.

We also continue to extend our efforts beyond the campus, with a range of community outreach programs. Through free clinics, health education campaigns, and other initiatives, we are striving to improve the health and well-being of underserved populations in our region.

On a global scale, our institute is building strong international partnerships with leading institutions worldwide. These collaborations are enriching our educational programs, broadening research horizons, and fostering cultural exchange.

I encourage you to explore the newsletter and share in our excitement as we continue this incredible journey together

**Happy Reading**



# Message from Chief Editor



**Dr. Rajesh Kumar**  
Chief Editor, e-Newsletter  
AIIMS Deoghar

It is with great pleasure that I present to you the fourth edition of our e-Newsletter, a platform that continues to reflect the vibrant progress, innovation, and dedication that defines AIIMS Deoghar. As the Chief Editor, I am honored to highlight the milestones and breakthroughs our institute has achieved over the past few months.

In this issue, we take a deeper dive into our cutting-edge research, academic advancements, and community-driven health initiatives. AIIMS Deoghar is not just a hub of medical education but a beacon of hope and care for the region. This newsletter serves as a window into our endeavors, from our impactful outreach programs to our commitment to advancing healthcare through scientific research.

The recent achievements of our faculty and students underscore our institute's relentless pursuit of excellence. We are especially proud of the global partnerships and collaborations we have fostered, which are expanding the horizons of medical education and research at AIIMS Deoghar. These alliances are helping us prepare healthcare professionals who can meet the challenges of tomorrow with skill, empathy, and innovation.

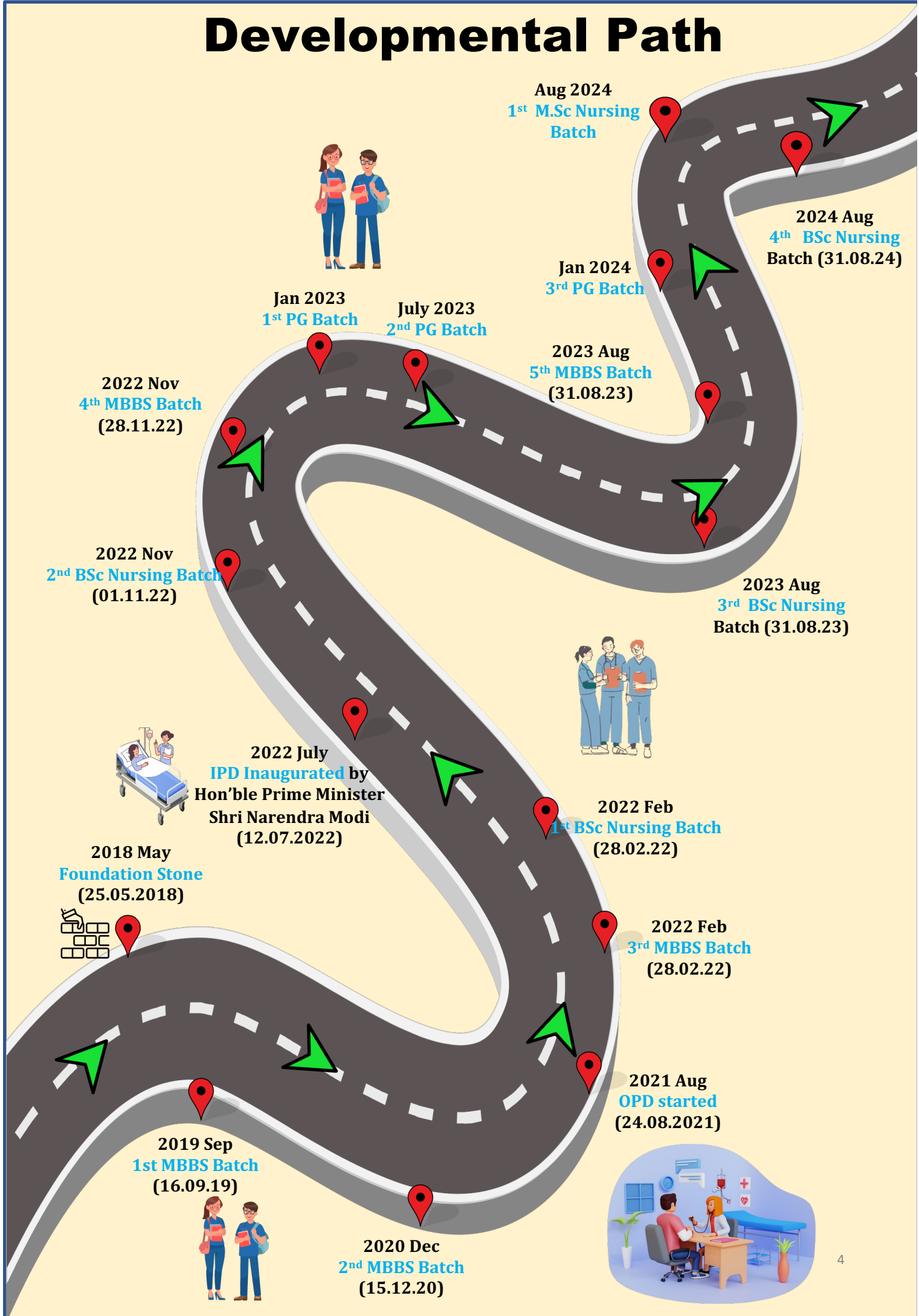
Our community engagement remains a cornerstone of our mission, with various programs focusing on improving the health and well-being of the underserved. Through health camps, awareness drives, and free clinics, we are reaffirming our pledge to serve and uplift society.

As you browse through the articles and updates in this edition, I hope you feel the same sense of pride and optimism that we do for the future of AIIMS Deoghar. We are on a transformative journey, and this newsletter is a testament to the dedication and hard work of everyone involved.

I extend my heartfelt thanks to our contributors, faculty, students, and readers for their continued support and enthusiasm. Together, we are shaping a future where healthcare and education reach new heights

*Best Wishes!*

# Developmental Path





# ACADEMICS

Student (UG/PG, B.Sc (Nursing), Paramedical)

MBBS:- 460



Gender Ratio  
1.2:1



Senior Resident  
36



Junior Resident  
47

MD/MS/MDS : 33

B.Sc (Nursing) :-

119

M.Sc ( Nursing)

11

Paramedical :-



6 Courses

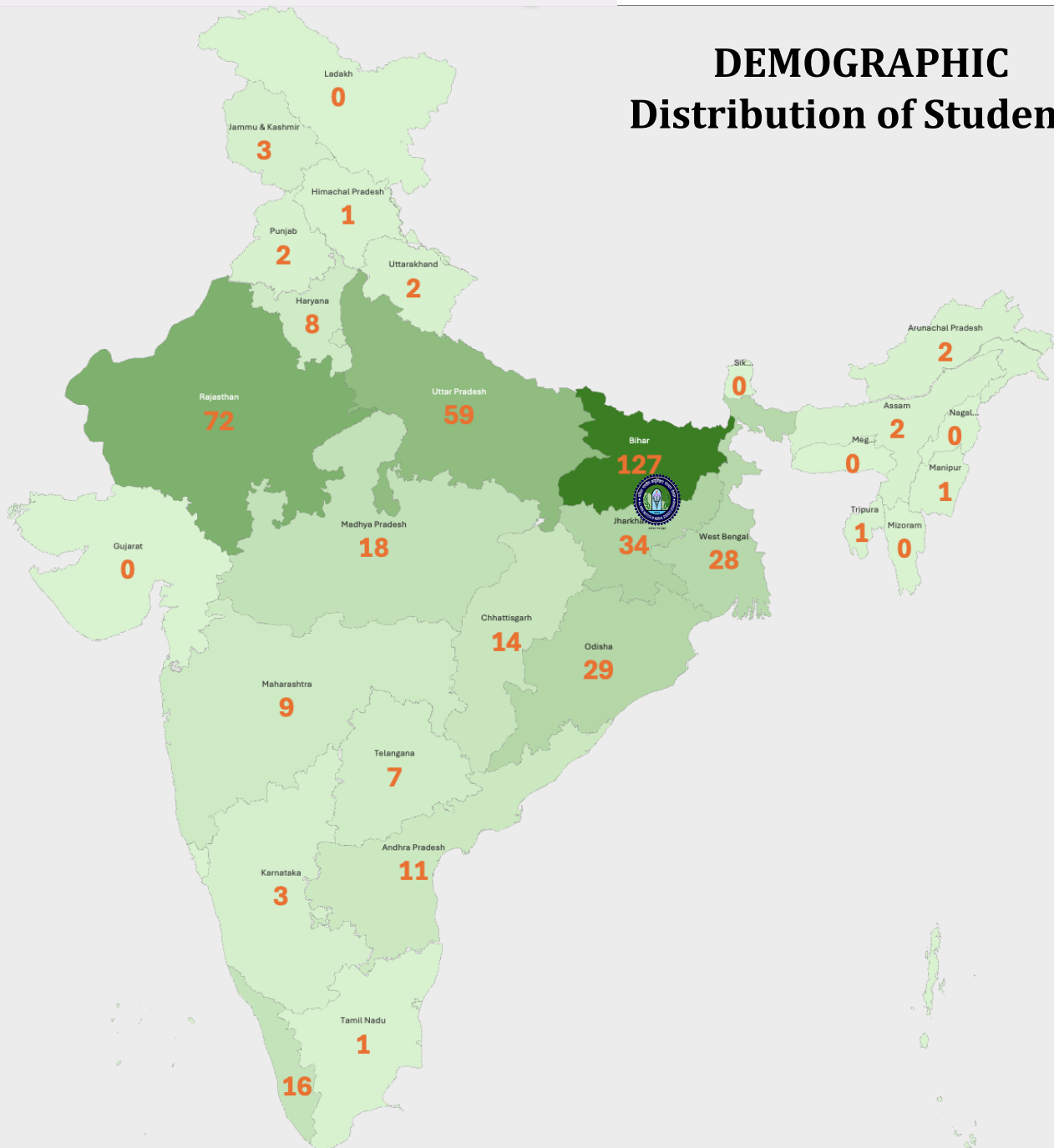


6 Students



"Best Student of the Year 2023" Award  
Ms. Sumita Sinha

## DEMOGRAPHIC Distribution of Students





# ACADEMICS

## Modern Method of Teaching



Revolutionizing anatomy education with the Virtual Dissection Table – where learning meets cutting-edge technology



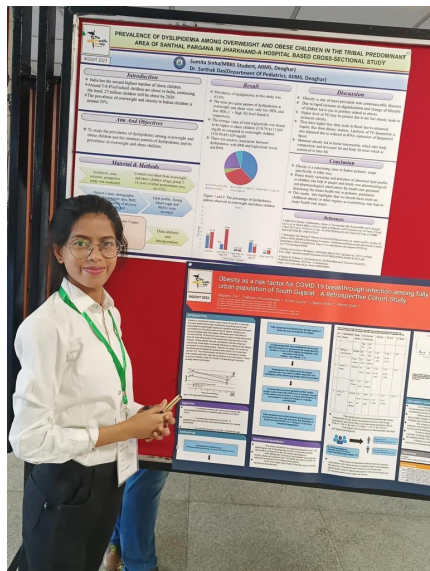
Enhancing obstetric care through hands-on training at the Maternal Fetal Simulation Lab – shaping the future of maternal and neonatal health.

## Community Visit





# Student Achievements



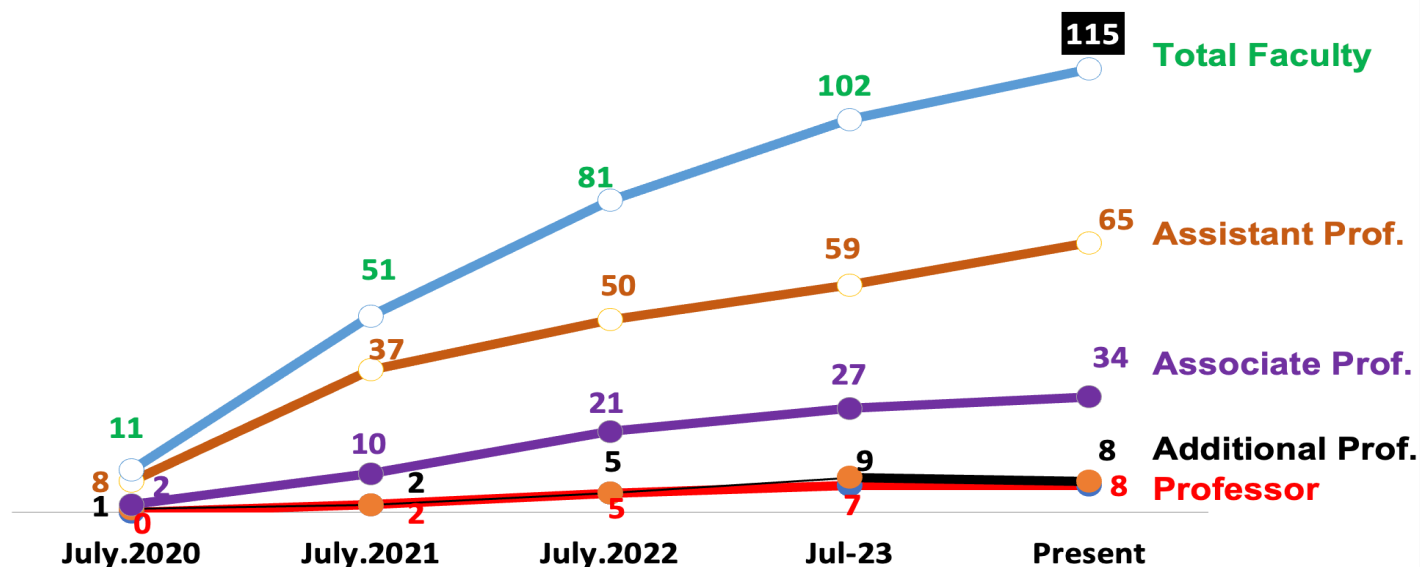
**1<sup>st</sup> PG student from PSM  
Department received Rs.  
1,00,000 grant from  
ICMR for her thesis work**





# Faculty Status

Faculty: Medical- 115/183 (63.39 %) ; Nursing- 22/23 (95.65%)



## Super-speciality Departments

1. Surgical Oncology
2. Urology
3. Neonatology
4. Neurology
5. Neurosurgery
6. Paediatric Surgery
7. Surgical Gastroenterology
8. Cardiology



## Kagawa University, Shikoku, Japan Visit



Dr Amardeep, Dr. KSBS Sasanka and Dr Abhinav Arya successfully completed a 3 week training program in cancer diagnosis & treatment through the 'Country focussed training for AIIMS like institutes', under JICA (Japan International cooperation agency) at Kagawa University, Shikoku, Japan.

# RESEARCH & PUBLICATION

## EXTRAMURAL FUNDED PROJECTS

Extramural Funding	Funding Agency	Total Grant
Extramural Approved Projects (11)		5.03 Cr
Other GRANTS for Institute Development & Programmes		7.68 CR

*At AIIMS Deoghar, every publication is a step forward in our collective journey to advance medical knowledge and improve patient care*



PUBLICATIONS

## PUBLICATION



THE LANCET

80%- Pubmed

280

122

3

598

BMJ  
British Medical Journal

JULY.2020

JULY.2021

JULY.2022

JULY.2023

PRESENT

# RESEARCH & PUBLICATION

MoU with AIIMS Deoghar



## Students Academic and Research Support

STS ICMR Research Projects

Student Research Scheme

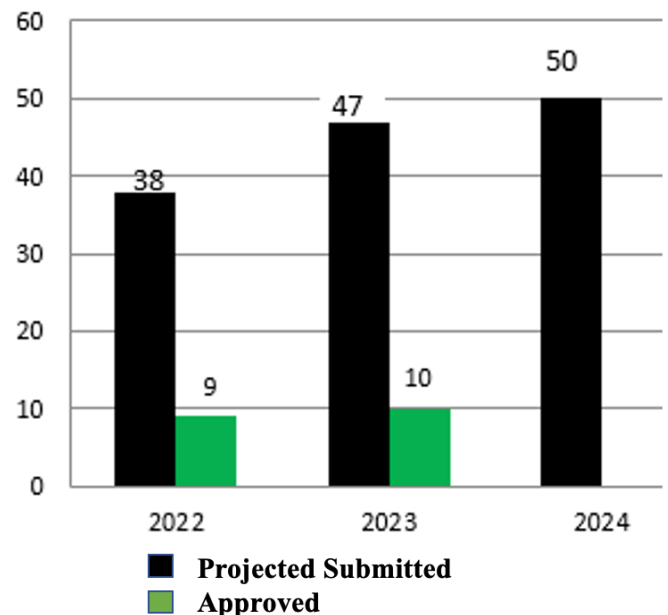
Student Travel Grant

Best Graduate of Year

Certificate of Appreciation

Research Awards

Intramural research Grant










Institutional student project and travel grants (ISP-TG) Annual budget five lakhs (₹ 5,00,000)

Travel scholarship for students – ₹10,000 per student








# PATIENT CARE FACILITIES

## Establishing Centers

S. No.	Particulars	Supported by
1.	Center of Excellence for Tribal Health	 जनजातीय कार्य मंत्रालय MINISTRY OF TRIBAL AFFAIRS GOVERNMENT OF INDIA  स्वास्थ्य अनुसंधान विभाग DEPARTMENT OF HEALTH RESEARCH  <b>icmr</b> भारतीय आयुर्विज्ञान अनुसंधान परिषद  कौशल विकास और उद्यमशीलता मंत्रालय Ministry of Skill Development And Entrepreneurship  Department of Social Justice & Empowerment Ministry of Social Justice & Empowerment Government of India   आयुष मंत्रालय <b>G20</b> Ministry of Ayush
2.	Multispecialty Geriatric Clinic	
3.	Skill Lab Centre	
4.	Bio safety Level 3 (BSL3) Lab	
5.	Anti retroviral treatment centre (ART)	
6.	Early Intervention and Rehabilitation Centre	
7.	Integrated Counselling and Testing Centre	
8.	Establishment of Herbal Garden	

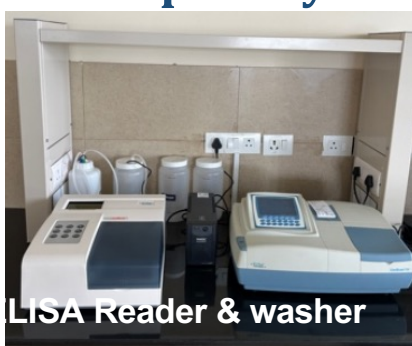
## Established Centers

S. No.	Particulars	Supported by
1.	Addiction Treatment Facility(ATF)	 Indian Association of Palliative Care  स्वास्थ्य अनुसंधान विभाग DEPARTMENT OF HEALTH RESEARCH  <b>icmr</b> भारतीय आयुर्विज्ञान अनुसंधान परिषद  Department of Social Justice & Empowerment Ministry of Social Justice & Empowerment Government of India  UNNAT BHARAT ABHIYAN  Ministry of Education Government of India
2.	Palliative Care Centre	
3.	Multidisciplinary Research Unit	
4.	Viral Research and Diagnostic Lab	
5.	Student Wellness Centre	
6.	Clinical Forensic Medicine Training Centre	
7.	Outreach Cell – Unnat Bharat Abhiyan	
8.	Maternal Fetal Simulation Lab	

## Multi-disciplinary Research Unit



Histopathology System



LISA Reader & washer



HPLC System



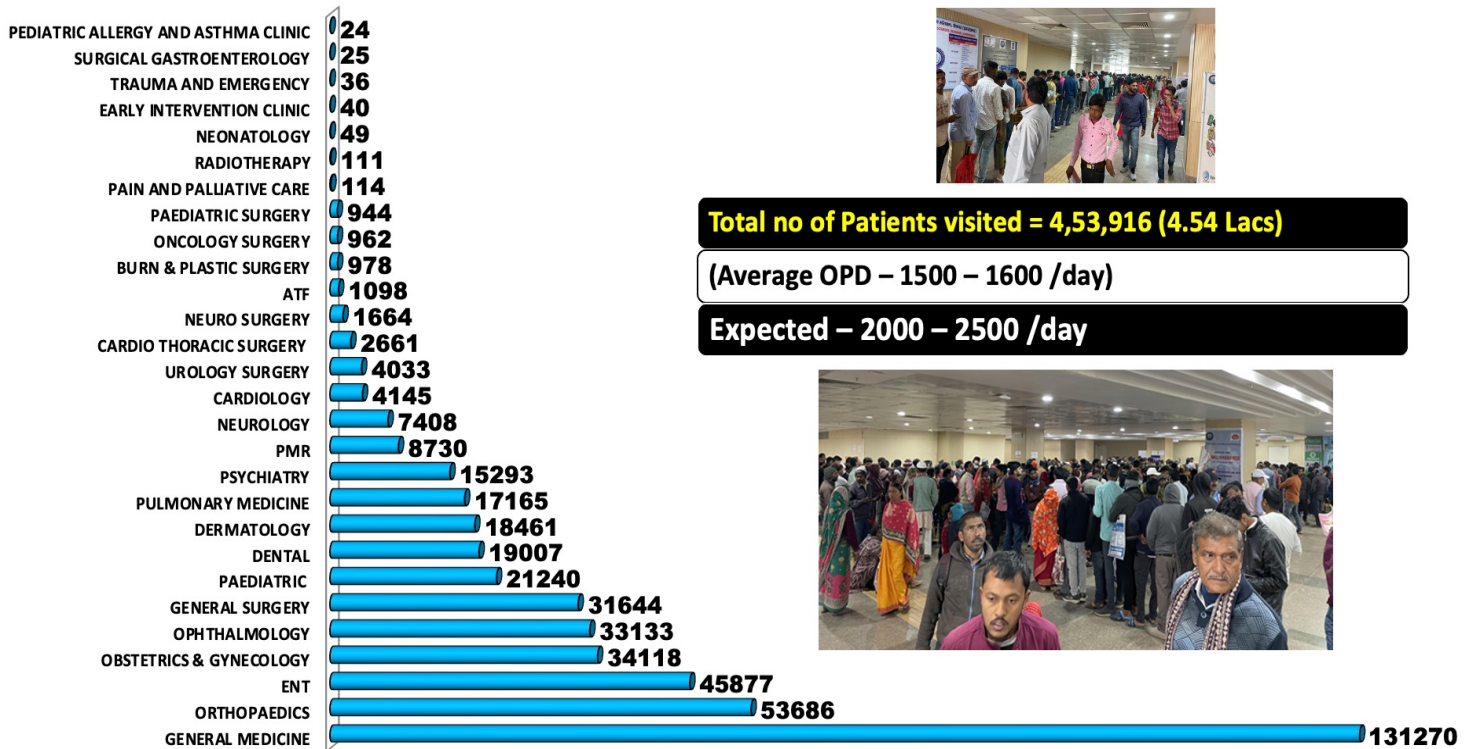
Whole Slide Scanner



Pure Tone Audiometer

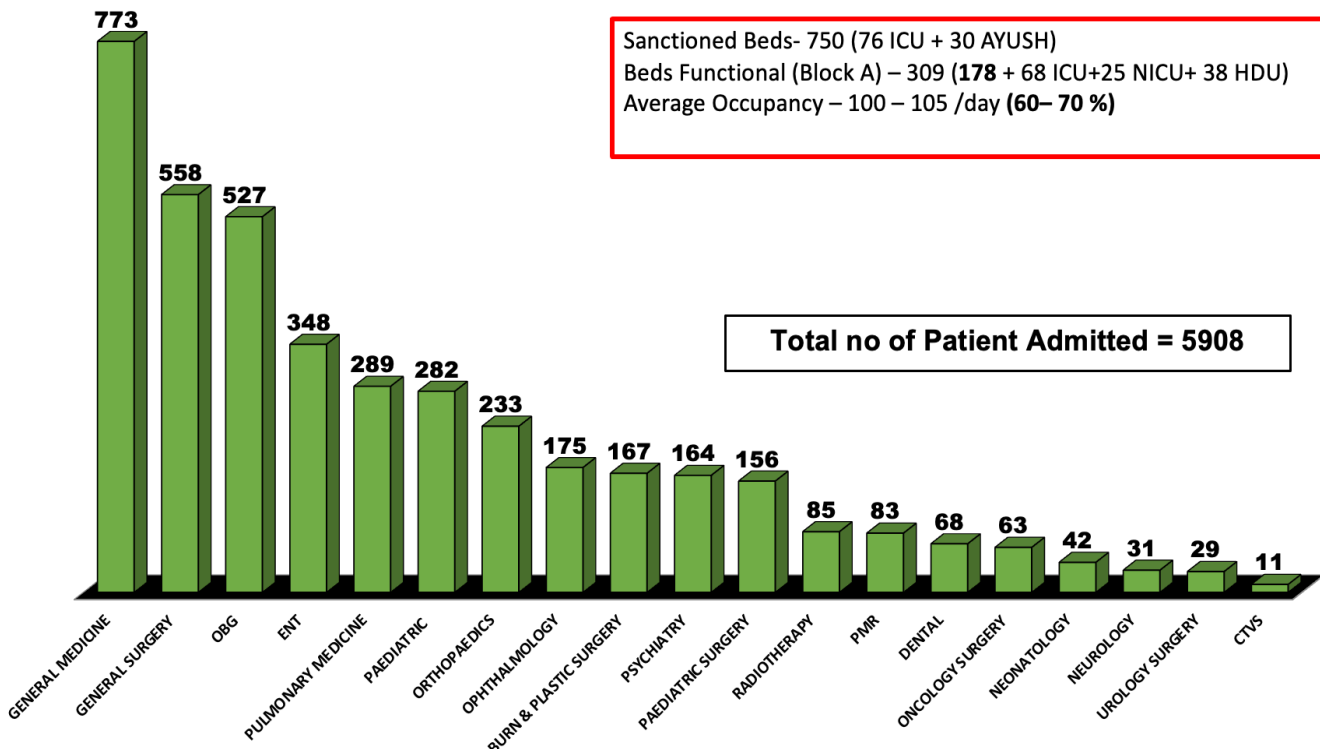
# PATIENT CARE

OPD Inaugurated- 24<sup>th</sup> Aug 2021  
Patient visit (Aug 2021 – Aug 2024) (4.54 Lacs)



*"Patient care is not just about treatment, but about compassion, understanding, and holistic well-being."*

## IPD Services (July 2022- Aug 2024)

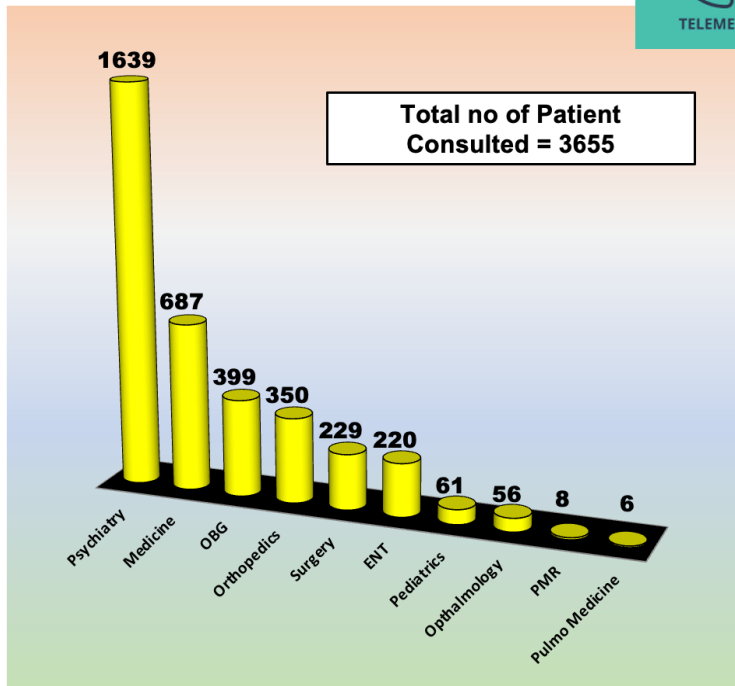




# PATIENT CARE

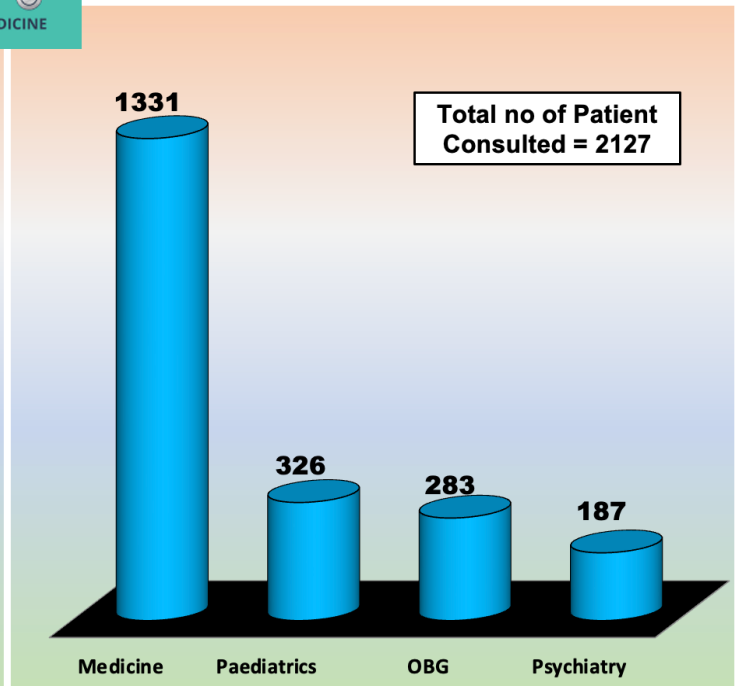
## Telemedicine Services

(Dec 2021 – Aug 2024)



## E-sanjeevani Services

(April 2022 – Aug 2024)



## New Updated in Services



3 Tesla State of ART MRI



24 Hrs Pharmacy Service for IPD and OPD Patients



State VRDL Lab



Clinical Biochemistry Lab

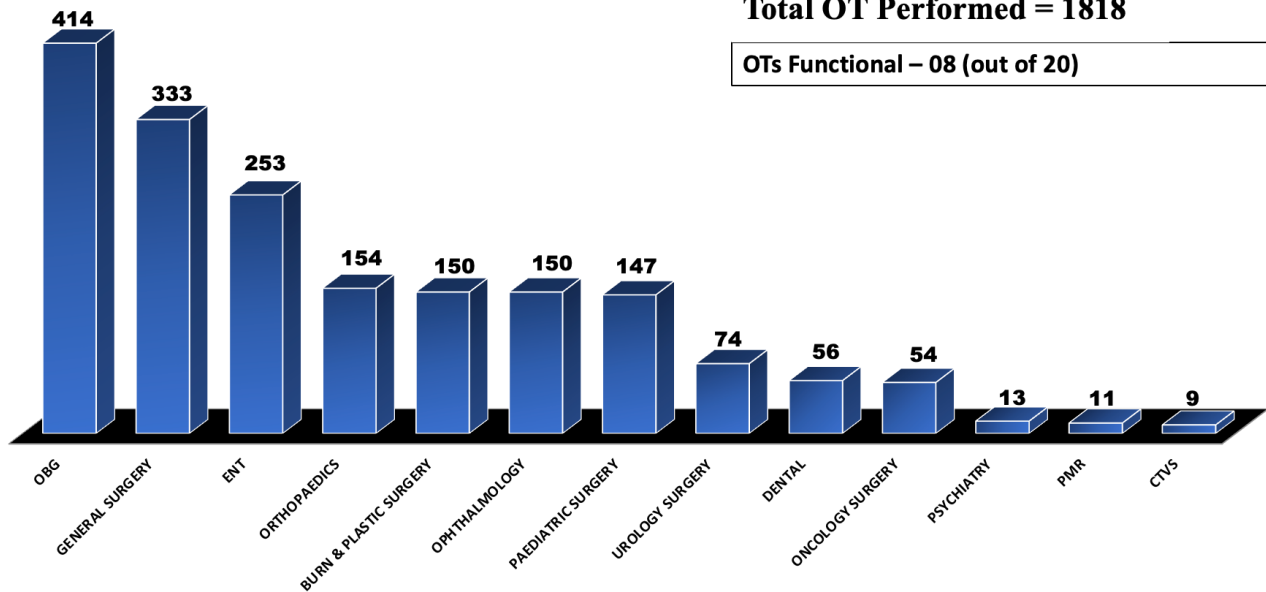


# PATIENT CARE

OT started- **Dec. 2022**  
Operated Cases (Dec 2022 – Aug 2024) - **1818**

Total OT Performed = 1818

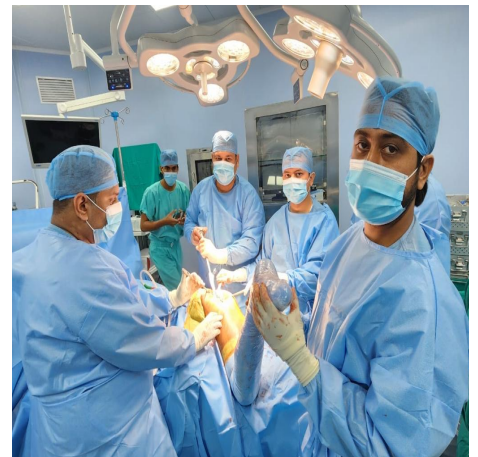
OTs Functional – 08 (out of 20)



Giant Fibrolipoma engulfing  
Femoral Vessels



Total knee replacement



Total hip replacement



Dialysis



# TRIBAL HEALTH



AIIMS Deoghar organized the 1st National Conference on Tobacco Control in Tribals on 20-21st July'24. Delegates from different parts of India participated in active discussions. The occasion was graced by Ms. V. Hekali Zhimomi, Addl Secretary, MoHFW Gol, & Dr. L. Swasticharan, Addl Deputy Director General of Health Services, MoHFW, Gol.



Committed to equitable care, AIIMS Deoghar brings quality healthcare to tribal communities – empowering lives, uplifting health, and honouring diversity



Bridging healthcare gaps with innovation: AIIMS Deoghar's drone medical delivery service, reaching the heart of Santhal Pargana's tribal villages



# ACADEMIC EVENTS

## Workshop on Noninvasive Ventilation in Neonates: (30.09.2023)

The Department of Pediatrics and College of Nursing at AIIMS Deoghar organized a workshop on Noninvasive Ventilation in Neonates for nursing officers. This training aimed to enhance the knowledge and skills of nursing professionals in handling neonatal respiratory distress using noninvasive techniques. Experts in neonatology provided in-depth lectures on the principles, equipment, and management strategies for noninvasive ventilation. Hands-on sessions allowed participants to practice techniques, improving their proficiency in providing critical respiratory support to neonates. The workshop fostered interdisciplinary collaboration and aimed at improving neonatal outcomes through advanced nursing care.



## ADPCON (08-09 .10.2023)

The Department of Pathology at AIIMS Deoghar successfully organized ADPCON 2023, a prestigious academic conference aimed at advancing the field of pathology. The event brought together experts, researchers, and students to discuss the latest developments in diagnostic pathology, with a focus on innovative techniques and technologies. Through insightful lectures, panel discussions, and case presentations, participants explored emerging trends and their impact on patient care. ADPCON 2023 provided an excellent platform for knowledge exchange, fostering collaboration and networking among professionals committed to improving healthcare through advancements in pathology. The conference marked a significant milestone for academic excellence at AIIMS Deoghar.



## ACCLMP con 2023 (04.11.2023)

The Department of Biochemistry at AIIMS Deoghar organized the ACCLMPC Conference, focusing on advancements in clinical chemistry and laboratory medicine. The event aimed to bring together experts, researchers, and healthcare professionals to discuss cutting-edge research, innovative diagnostic techniques, and their applications in patient care. With insightful presentations and interactive sessions, the conference provided a platform for knowledge sharing and collaboration, enhancing the understanding of clinical biochemistry's role in modern healthcare. ACCLMPC underscored AIIMS Deoghar's commitment to academic and scientific excellence.





# ACADEMIC EVENTS

## Good Clinical Practice Training (14.11.2022)

The Research Cell at AIIMS Deoghar organized a comprehensive Good Clinical Practice (GCP) training for faculty members, aimed at enhancing their knowledge of ethical and scientific standards in clinical research. The training covered key principles such as patient safety, protocol adherence, and accurate data collection, ensuring compliance with international guidelines. Through interactive sessions and case studies, participants gained practical insights into conducting high-quality clinical trials, reinforcing AIIMS Deoghar's commitment to research integrity and excellence in healthcare.



## Tobacco Control Workshop (30.01.2024)

A Tobacco Control Meet was held in the district, bringing together key stakeholders to address the pressing issue of tobacco use. The event focused on collaborative strategies for prevention, awareness, and enforcement of tobacco regulations, aiming to reduce tobacco-related health risks and promote a healthier community.



## CME on Hand Hygiene 6<sup>th</sup> May 2023)

The Department of Microbiology and the College of Nursing at AIIMS Deoghar organized a CME workshop on Hand Hygiene, aimed at enhancing infection control practices among healthcare professionals. The workshop covered the importance of hand hygiene in preventing healthcare-associated infections, with detailed sessions on proper techniques, protocols, and compliance. Experts provided practical demonstrations, emphasizing its critical role in patient safety. The interactive sessions encouraged active participation, ensuring that attendees could implement effective hand hygiene practices in clinical settings, ultimately improving healthcare outcomes.



## Clinical Forensic Medicine Training Centre

The Department of Forensic Medicine and Toxicology at AIIMS Deoghar proudly launches the "Clinical Forensic Medicine Training Centre," advancing expertise in medicolegal practice. Forensic medicine, at the crossroads of science and justice, plays a vital role in uncovering truth and seeking justice, guided by integrity, objectivity, and compassion.





# ACADEMIC EVENTS

## Cadaveric Workshop on Knee Replacement (16.06.2024)

The Departments of Orthopaedics and Anatomy at AIIMS Deoghar are organizing a Cadaveric Workshop on Knee Replacement on 16th June 2024. This hands-on workshop provided participants with practical insights into surgical techniques, enhancing their skills in knee replacement procedures under expert guidance. It aims to improve surgical proficiency and patient outcomes.



## Commemorations



Anti Ragging Day



World No Tobacco Day



World Breastfeeding week



World Sickle Cell day



Blood Donation Camp



International Nurse Day



World Health Days



World Lupus Day



# INFRASTRUCTURE



AYUSH BLOCK



NIGHT SHELTER



DIRECTOR'S RESIDENCE



PG MARRIED RESIDENCE



RESIDENCIAL TYPE II & III



RESIDENCIAL TYPE IV & V



BOY'S HOSTEL I



BOY'S HOSTEL II



NURSE'S HOSTEL



# INFRASTRUCTURE



ACADEMIC BLOCK



HOSPITAL BLOCKS



IPD & EMERGRNCY BLOCK

## Extension of existing services

### Infrastructure

Sanctioned **204.6 Cr** for further extension of Infrastructure; Including:

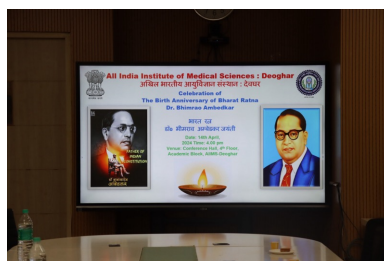
- ❖ Type III, IV, V & VI residence quarters
- ❖ College of Nursing
- ❖ Utility Centre

### Patient Care

- ❑ Enhancement of 350 beds at Block E
- ❑ Increasing OT number from 8 to 16
- ❑ CT Scan Facility (128 Slice)
- ❑ Cath Lab facility
- ❑ LINAC & Brachytherapy facility
- ❑ MPH & BPH Courses under PSM

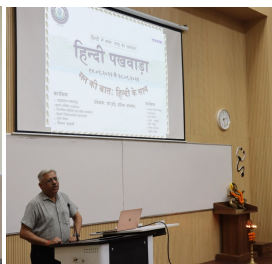


# CELEBRATION





# CELEBRATION



**Dr Rajesh Kumar**  
Associate Professor



**Dr Gaurav Jain**  
Assistant Professor