ANNUAL REPORT

2021 - 2022

(APRIL 2021 – MARCH 2022)

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BIBINAGAR

HYDERABAD METROPOLITAN REGION

TELANGANA – 508126

UNDER

PRADHAN MANTRI SWASTHYA SURAKSHA YOJANA

MINISTRY OF HEALTH AND FAMILY WELFARE

GOVERNMENT OF INDIA



DR. MANSUKH MANDAVIYA

Hon'ble Union Minister

Health and Family Welfare & Chemical and Fertilizers

Government of India



DR. BHARATI PRAVIN PAWAR

Hon'ble Minister of State

Health and Family Welfare

Government of India

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Department of Physiology
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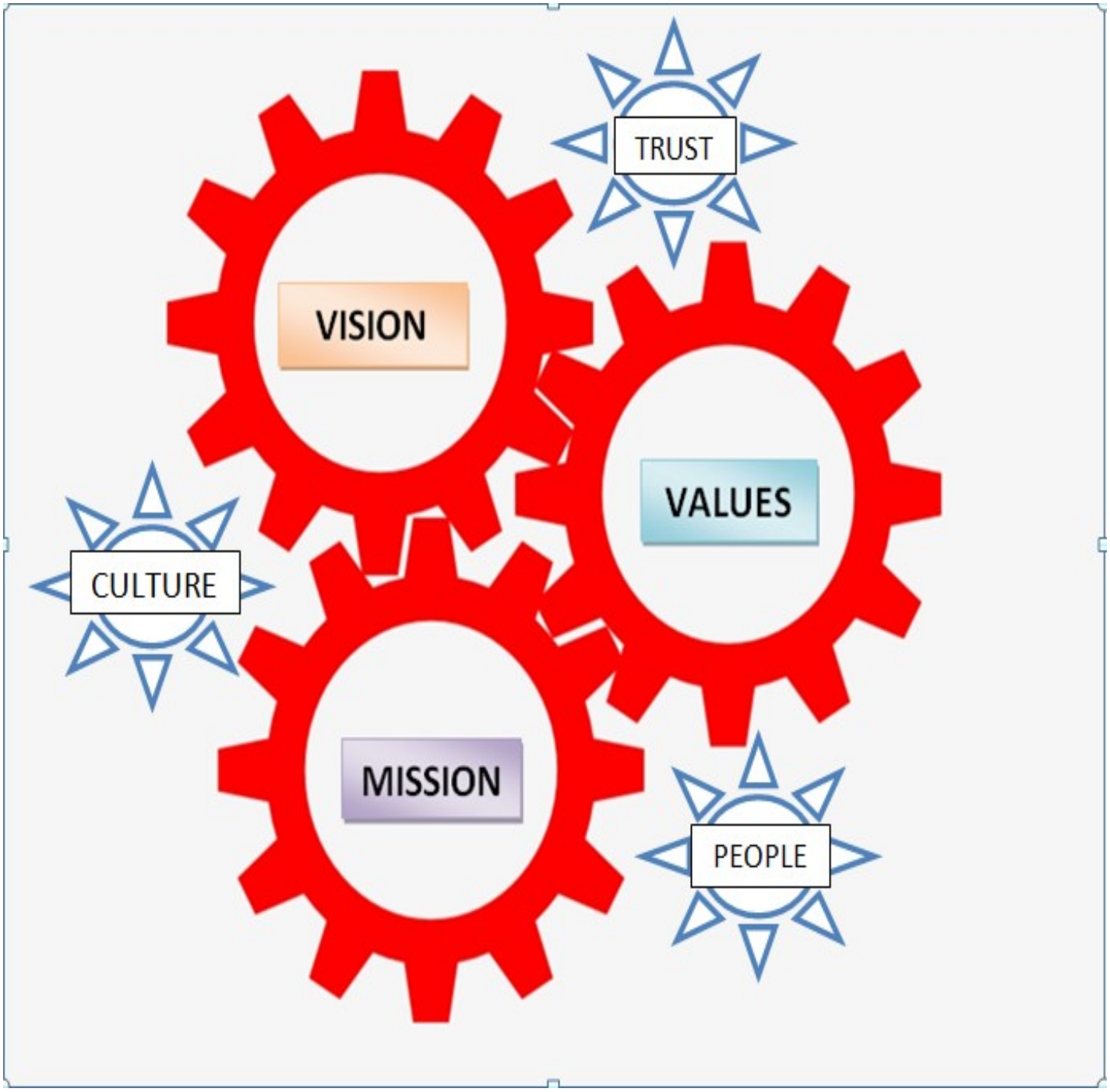
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INDEX

S.No	CONTENT	PAGE No
1.	**VISION AND MISSION**	7
2.	**ORGANISATIONAL STRUCTURE**	8
3.	**EXECUTIVE DIRECTOR'S MESSAGE**	9
4.	**THE INSTITUTE - GENERAL OVERVIEW**	13
5.	**ADMINISTRATION**	24
6.	**ACADEMIC SECTION**	28
7.	**COMMITTEES**	49
8.	**DEPARTMENTS**	58
9.	**HOSPITAL CARE AND SERVICES**	171
10.	**ACCOUNTS**	188



VISION

To emerge as a leading global healthcare institute offering quality medical education, promote relevant scientific research and provide accessible and quality health care to patients. The Institute lays emphasis on inculcating ethical and moral values in students and mould them into competent health care providers.

MISSION

To evolve as a centre of excellence in medical education, scientific research and patient care. To inculcate a positive work culture to nurture mutual trust and respect. To set high professional standards with good interpersonal relationships and lasting reputation.

ORGANISATIONAL STRUCTURE

<table>
<tr><td colspan="4">INSTITUTE BODY (IB)</td></tr>
<tr><td colspan="4">GOVERNING BODY (GB)</td></tr>
<tr><td>STANDING ACADEMIC COMMITTEE</td><td>STANDING SELECTION COMMITTEE</td><td>STANDING FINANCE COMMITTEE</td><td>HOSPITAL AFFAIRS COMMITTEE</td></tr>
<tr><td colspan="4">President
Prof. (Dr) George A D’Souza</td></tr>
<tr><td colspan="4">Executive Director
Prof. (Dr) Vikas Bhatia</td></tr>
<tr><td colspan="2">ACADEMICS</td><td>RESEARCH</td><td>EXAMINATIONS</td></tr>
<tr><td colspan="2">Dean
Prof. (Dr) Rahul Narang</td><td>Dean
Prof. (Dr) Sangeeta Sampath</td><td>Dean
Prof. (Dr) Nitin Ashok John</td></tr>
<tr><td colspan="2">Associate Dean
Dr. Gunvanti Rathod</td><td rowspan="2">Associate Dean
Dr Mrudula Chandrupatla</td><td>Associate Dean
Dr Prashanth Mada</td></tr>
<tr><td colspan="2">Registrar
Dr. Aparna Verma</td><td>Assistant Controller
Shri Nimmala Karunakar</td></tr>
<tr><td colspan="4">HEADS OF DEPARTMENTS</td></tr>
<tr><td colspan="4">Medical Superintendent
Prof. (Dr) Neeraj Agarwal</td></tr>
<tr><td colspan="4">Additional Medical Superintendent
Dr. S Kalyani Surya Dhana Lakshmi</td></tr>
<tr><td colspan="4">Deputy Medical Superintendents</td></tr>
<tr><td>Dr. Anish Singhal</td><td>Dr. Vishaka Jain</td><td>Dr.Yadukul. S</td><td>Dr Madhusudhan S</td></tr>
<tr><td colspan="4">Deputy Director Administration
Col. S.P. Anantrao</td></tr>
<tr><td colspan="2">Finance
Faculty In-Charge
Dr Pragnesh Parmar</td><td>Administrative Officer
Shri. Nishakar Sahoo</td><td>Accounts Officer
Shri. Satish Goli</td></tr>
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EXECUTIVE DIRECTOR'S MESSAGE

Prof. (Dr) Vikas Bhatia
Executive Director
All India Institute of Medical Sciences Bibinagar,
Hyderabad Metropolitan Region, Telangana
Ex–Founder, Dean AIIMS, Bhubaneswar



It gives me immense pleasure to write for the Annual Report of AIIMS Bibinagar for the year 2021-22 which describes the activities undertaken and mile stones achieved as an institution. The year has been filled with inauguration of several facilities, services, laboratories and academic events. The direction of our President, Professor (Dr.) George A. D'Souza, has played a significant role in our institution's development. His simplicity and wisdom have inspired us to a great extent to share his devotion. I am also thankful to all the Institute Body members, Shri Nilambuj Sharan, Economic Advisor, Pradhan Mantri Swasthya Suraksha Yojana (PMSSY), Ministry of Health and Family Welfare, Shri Rajesh Bhushan, Secretary (H & FW) for the support and advice on various issues pertaining to the development of the new institution. We are grateful for the support and guidance provided by the former Minister of Health and Family Welfare, Hon'ble Dr. Harsha Vardhanji, and the current Minister, Hon'ble Dr.Mansukh Mandaviyaji, and we look forward to their ongoing support.

The second Institute Body meeting, first Governing Body meeting, second Standing Academic Committee and first Standing Financial Committee meetings were successfully convened this year. The Second Annual day was celebrated on 10th March 2022 and National days such as Republic Day, Independence Day and Gandhi Jayanthi were celebrated.

The third batch of 100 MBBS students has joined the Institute through NEET and postgraduation (MD/MS) courses started in 8 pre-clinical and para-clinical departments. All the 19 broad specialties are fully functional with Faculty, Senior Residents, Junior Residents and staff. Students are actively participating in poetry, quiz contests, music, dance, sports etc. We have worked to improve the atmosphere by creating sports arena, gymnasium, music club, dance club, movie club etc., so that, we can support and maintain the physical and mental well-being of our students and staff. AIIMS Bibinagar Central Library became functional with good number of books and journals, to keep the faculty and students updated. Many national, regional and state-level conferences, CMEs, workshops, faculty development programs were held. Faculty members have been granted Intramural Research funding to

enable them to start projects. MoUs have been signed with acclaimed organizations like ICMR-NIN (Hyderabad), CDFD (Hyderabad), NIPER (Guwahati), IIPH (Gandhinagar) and others for various academic and research collaborative activities. Dean (Academic), Dean (Research), Dean (Examination), Associate Dean (Academic), Associate Dean (Research), and Associate Dean (Examination) were appointed to strengthen the academic, examination and research wings of the Institution.

Over the past one year, we could start many new facilities and services for the patients, students and general public in limited space available to us in the existing partially built old building. Our OPD is getting busier with initiation of major and minor surgeries. We envision that AIIMS Bibinagar will be established as one of the best tertiary care centres in India in near future once the construction of AIIMS Bibinagar and master plan are fully implemented. The masterplan of AIIMS Bibinagar is already approved and tender on EPC mode is in process. AMRIT pharmacy has started functioning since October 2022.

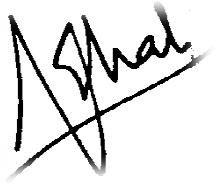
AIIMS Bibinagar is providing COVID related services through RT-PCR/RAT investigations, COVID ward, free vaccinations along with ICU services. Institute also celebrated “100 crores plus vaccination” mark and organised a rally to create awareness amongst the general public for vaccination. Two PSA oxygen plants were made functional which is established under the PM CARES fund.

Biochemistry Laboratory is now well equipped with automated immuno-analyser, fully automated clinical chemistry analyser, HPLC based HbA1C and Hb variant analyser, CO2 incubator, Nano-bio-spectrophotometer. Investigations including Cardiac profile, Anemia profile, Immunoassay services for hormones and tumour markers along with other routine and specialized investigations have been started. Histopathology and Cytopathology were started by Pathology Department and few major equipment like Vacuum Assisted Tissue Processor, Fully automated microtome, Cytospin, Automated Coagulation analyser were procured. Similarly, in Microbiology, Bacteriology culture and sensitivity, Mycology culture & sensitivity, Serology services have also started. Department is also equipped with Bio-safety cabinet, Bacteriology incubator, Hot air oven autoclave, PCR services, ELISA reader and many more. X-ray and Ultrasonography services have been started by Radiodiagnosis department and CT scan and MRI is expected to be installed in coming years.

The procurement of equipments, consumables, non-consumables has been initiated with number of tenders being floated and processed. Group A deputation posts are now filled up. Advertisement for recruitment of various posts in College of Nursing has already been done and interviews will be conducted soon. Junior Residents and Senior Residents positions are filled up from time to time. More than 120 nursing officers joined the institute through NORCET- I and II.

During the journey at AIIMS Bibinagar, we have been felicitated by various organisations. i. By Honourable Governor of Haryana Shri Bandaru Dattatreya Garu at Raj Bhawan Haryana in Chandigarh in October 2021, ii. Honoured Saviours of Society award by Shri. Tarun Joshi, IPS commissioner Police Warangal and C Raja, Indian Film actor (Telugu) at Warangal by IMA in July 2021, iii. University of Hyderabad by Lions club on the occasion of Teacher's Day, iv. As Chief Patron in 17th Annual International Conference of South India Medico-legal Association Simla 2021 in October 2021, v. As Guest of Honour in National Conclave on Best Practices under National Tobacco Control Programme (NTCP) in India organised by PGIMER Chandigarh in October 2021, vi. Guest of Honour in 1st South Asian LAMBCON 2021 conference in November 2021, vii. As Guest of Honour in American Association of Physicians of Indian origin (AAPI) Global Health Care Summmit-2022 by AAPI in January 2021, viii. Guest of Honour in Media orientation workshop on- "Anaemia a key nutritional challenge: strategies and way forward"with UNICEF in February 2022 at AIIMS Bhubaneswar, ix. Chief Guest for Scope and Career Opportunities of Paramedical and Allied Medical science Courses at Malla Reddy University, Hyderabad in October 2021, x. Chief Guest in Workshop on 'Recent advancement in Prenatal Genetic Testing & Diagnosis' Institute of Genetics and Hospital for Genetic Diseases, Osmania University, Hyderabad in February 2022, xi. Chairperson for plenary session 65th Annual National Conference of Indian Public Health Association-IPHACON 2021 at JIPMER, Puducherry in September 2021. Various extramural funded projects from UNICEF, ICMR, NHSRC and Discretionary Grants-Telangana are also conducted. More than 20 publications have been published in various journals like British Medical Journal (BMJ), Primary care companion CNS disorder, Cureus and Indian Journal of Paediatrics etc.

I am really happy to share all these achievements of the Institution. My responsibility as the Institute's Executive Director has always been to encourage and support all the faculty, officers, nursing officers, staff, residents and students to reach their highest potential. In the upcoming years, I am sure that this Institute will reach to new heights and we will be able to deliver best education and high quality medical care.



Prof. (Dr.) Vikas Bhatia

1. REPORT FROM EXECUTIVE DIRECTOR'S OFFICE

1.1. Important Events observed at AIIMS Bibinagar

S. No	Date	Event
1.	07-04-2021	**A National Webinar (Virtual) on Non Alcoholic Fatty Liver Disease (NAFLD)** organised by Institute of Liver and Biliary Sciences in collaboration with AIIMS, Bibnagar Hyderabad, AIIMS Bhopal, AIIMS Gorakhpur and AIIMS Patna.
2.	09-04-2021	World Health Day by Indian Public Health Association
3.	14-04-2021	AIIMS Bibinagar pays homage to Bharat Ratna, Bodhisatva Dr.B.R Ambedkar on his 130th Birthday
4.	19-04-2021	First Standing Finance Committee Meeting
5.	10-05-2021	**Union Minister Shri G. Kishan Reddy Ji Visits AIIMS, Bibinagar, Hyderabad** A brief presentation on the progress of the institution, COVID related activities and proposed master plan for establishment of more facilities in AIIMS
6.	05-06-2021	**World Environment Day Celebrations, AIIMS Bibinagar** A pledge was taken in this regard along with distribution of jute bags and glass water bottles
7.	19-06-2021	First Governing Body Meeting
8.	19-06-2021	**Launching of Health and Happiness Clinic** By Dr. Banda Prakash Honble MP and Rajya Sabha member The clinic would offer holistic services like meditation, Yoga, mindfulness and counselling services to facilitate improvement in mental and emotional health of the individuals and family
9.	21-06-2021	**7th International Yoga Day** Theme: "Yoga for wellness # Be with Yoga at home". Dr. Raghavendra Rao, Honorable Director, CCRYN, Ministry of AYUSH, GOI gave the keynote address and emphasized the holistic benefits of yoga
10.	16-07-2021	**Initiation of Community postings for II MBBS students** Dr. Vikas Bhatia (Executive Director) addressed the gathering - Community based teaching is essential for MBBS students to understand Rural health to serve better
11.	01-08-2021	**Inauguration of World Breast Feeding Week 2021** A week-long activity to promote breastfeeding on World Breastfeeding Week 1-7th August.
12.	04-08-2021	'Med Communiqué' Institute Newsletter, released at Nirman Bhawan, New Delhi by Dr. Mansukh Mandaviya, Honble Union Minister for Health and Family Welfare
13.	07-08-2021	**Inauguration of Movie Club** Movie Club at AIIMS Bibinagar, initiated by MBBS students, was virtually inaugurated by Shri. Palnati Surya Pratap, Telugu film director and screenwriter
14.	13-08-2021	**AIIMS Bibinagar commemorates "Azadi Ka Amrit Mahotsav" by launching Fit India Freedom Run 2.0** Fit-India Freedom Run 2.0, was conducted with a 3 Km run
15.	15-08-2021	**Independence Day** The 75th Independence Day was celebrated
16.	26-08-2021	**Operation Theatre Complex Inauguration** The First Operation Theatre Complex in AIIMS Bibinagar was inaugurated by Smt. Pamela Satpathy, IAS, District Collector, Yadadri-Bhuvanagiri
17.	01-09-2021	**Hindi Pakhwada** Rajbhasha Pakhwada was observed between September 1st to 14th and was inaugurated by Shri Homnidhi Sharma, Deputy GM Bharat Dynamics Ltd, Head

		Rajbhasha
18.	03-09-2021	**First Literary Quiz Competition.** Literary Activities Committee conducted its first event on 3-09-2021
19.	05-09-2021	**Teachers Day Celebration & Eco Club Plantation**
20.	10-09-2021	**Ganesh Sthapna (Ganesh Chaturthi)**
21.	20-09-2021	**Virtual Meeting Held Under the Chairmanship of Hon'ble HFM**
22.	25-09-2021	**Conference Plenary Session on Nutrition During IPHACON 2021**
23.	26-09-2021	**5th National Conference on Tobacco or Health (NCTOH 2021)**
24.	01-10-2021	**Visit of Hon'ble Haryana Governor, Shri Bandaru Dattatreya** Inauguration of Academic Block
25.	02-10-2021	**Gandhi Jayanti Celebrations**
26.	07-10-2021	**2nd Institute Body Meeting**
27.	12-10-2021	**Bathukamma Festival Celebrations**
28.	16-10-2021	**ICU Units for COVID – 10 beds** As a means for COVID-19 3rd wave preparedness, ICU was setup through CSR and Govt Support
29.	19-10-2021	**Meeting With Dr. Mansukh Mandaviya, Honble Union Minister for Health and Family Welfare, New Delhi**
30.	22-10-2021	**Scope & Career Opportunities for Paramedical and Allied Medical Science Courses at Malla Reddy University, Hyderabad**
31.	25-10-2021	**National webinar on - Front of pack labelling & Children's Health**
32.	28-10-2021	**Universal health Coverage and COVID-19 Pandemic, Guest Speaker**
33.	28-10-2021	**100 Crore Vaccine Mark** Director Congratulates Citizens as India Crosses 100 crores COVID-19 vaccination mark
34.	29-10-2021	**National Conference of Epidemiology Foundation of India -EFICON 2021**
35.	30-10-2021	**Meeting with Shri Bandaru Dattatreya, Hon'ble Governor Haryana at Chandigarh**
36.	05-11-2021	**Clinical Biochemistry Lab Completes One Year at AIIMS Bibinagar**
37.	08-11-2021	**Indian Oil Corporation donates a 'Force Traveller Ambulance' to AIIMS Bibinagar**
38.	10-11-2021	**Celebration of 100 Crore plus vaccination with an Awareness Rally**
39.	11-11-2021	**2 day visit to Tandur & Narayanpet to inspect Oxygen plants**
40.	15-11-2021	**Foundation Course for The First MBBS Students 2021**
41.	22-11-2021	**Interview for Post of Senior Residents**
42.	26-11-2021	**Samvidhan Divas celebrations** Tribute to Dr B. R Ambedkar & taking the constitution pledge live telecast from Parliament House New Delhi along with President of India, Prime Minister & other dignitaries.
43.	29-11-2021	**Meeting with Smt. (Dr.) Tamilisai Soundararajan, Hon'ble Lt. Governor, Puducherry during visit to JIPMER**
44.	07-12-2021	**2nd Standing Academic Committee Meeting**
45.	08-12-2021	**Interview for Post of Junior Residents**
46.	13-12-2021	**Meeting with Shri. T. Harish Rao, Hon'ble Minister for Finance, Health, Medical and Family Welfare, Telangana.** Hon'ble Minister released the COVID-19 Report on Mental health (UNICEF), Institute magazine. Invictus; Med Communique, AIIMS at Glance and Swachata Abhiyan Report
47.	14-12-2021	**Inauguration of RHTC program,** Bommalaramaram First multidisciplinary health camp organised
48.	15-12-2021	**National Training Workshop in Bangaluru on Strengthening, Monitoring and Evaluation of NTPC/ MPOWER in the Country -** Prioritising and

		Reorienting Public Health Institute And National Institute of Eminence
49.	19-12-2021	Live interview **on Aaj Tak on 'COVID preparedness'**
50.	26-12-2021	**Live interview on Republic TV on 'COVID Vaccination'**
51.	31-12-2021	Inauguration of Ambulance Services
52.	01-01-2022	**'Indian Oil' donates ambulance to AIIMS Bibinagar** **Handed over by Shri RSS Rao, Director, Indian Oil**
53.	03-01-2022	**Vaccination (COVID-19) drive** for youngsters of age group of 15-18 years as announced by Honourable Prime Minister on 25 Dec, 2021
54.	06-01-2022	Guest of Honour at Health care CEO Forum
55.	06-01-2022	Live interview on DD News
56.	07-01-2022	Visit of AAPI President and members
57.	08-01-2022	**Interview on Zee TV**
58.	08-01-2022	**Inauguration of Advanced Immunoassay Facility at AIIMS Bibinagar.** An advanced immunoassay facility at Clinical Biochemistry lab at AIIMS Bibinagar was inaugurated by Dr Anupama Gotimukula President, American Association of Physicians of Indian Origin (AAPI)
59.	10-01-2022	**AIIMS Bibinagar starts Booster dose vaccination for HCW & FLW**
60.	12-01-2022	**Oxygen Stewardship Programme held at AIIMS Bibinagar** In association with Telangana Government, USAID, JHPIEGO and RISE conducted a Oxygen stewardship program on 12th Jan, 2022 for all districts of the state.
61.	26.01.2022	**73rd Republic Day Celebrations 2022 at AIIMS Bibinagar**
62.	14-02-2022	**Foundation day course for 2021 MBBS students**
63.	15-02-2022	**Talk on Doctors and their Role in the Service of Humanity**
64.	17-02-2022	**Workshop on Prenatal Diagnosis at Institute of Genetics, Osmania University**
65.	18-02-2022	**Meeting with Secretary MoHFW**
66.	21-02-2022	**75 crore Suryanamaskar project** Conducted for 21 days
67.	01-03-2022	**Spark 2022 – Week long Sports Festival**
68.	03-03-2022	**Nursing Development Program** A six month Foundation Program was conducted for the Nursing Officers under auspices of the Human Resource Development (HRD) Cell during August 2021 to March 2022
69.	07-03-2022	Annual review of Research and Academic activities **Visit by Dr. Yogesh Chawla,** Ex- Director, PGI Chandigarh & Chairperson, of Scientific Advisory Committee
70.	10-03-2022	**2nd Annual Day celebrations** Chief Guest, Smt. (Dr.) Bharati Pravin Pawar, Hon'ble Minister of State for Health and Family Welfare, Govt of India; Prof. B J Rao, Vice-Chancellor, University of Hyderabad and Smt. Pamela Sathpathy, District Collector, Yadadri-Bhuvangiri district
71.	12-03-2022	**Visit by Smt (Dr.) Tamilisai Soundararajan, Hon'ble Governor, Telangana and Hon'ble Lt Governor of Puducherry,** Mr Srinivas Reddy, Joint Collector Yadadri Bhuvanagiri district, Mr Bhoopal Reddy, Revenue Divisional Officer (RDO) Yadadri Bhuvanagiri district and other esteemed guests.

1.2. Awards and Achievements of Prof (Dr.) Vikas Bhatia, Executive Director, AIIMS, Bibinagar

1. Felicitated as Key partner for health response to cyclone FANI and speaker in Meeting with Dr.Yasmin Ali Haque, Country Representative of UNICEF India on 25th July 2019
2. Participated as Master Trainer in National Level Training for Anemia Mukt Bharat held at AIIMS New Delhi on 10th and 11th October 2019
3. Felicitated as Resource Person in 6th National Workshop-cum-CME on Health Systems Strengthening from16-20th December 2019
4. Participated as Chairperson & Speaker in the 64th Annual National Conference of Indian Public Health Association (IPHACON) 2020 AIIMS Delhi, 29th February to 2nd March 2020
5. Guest speaker in National Medicos Organisation Haryana in Initiative for Online Medical Education, Public Health and Public Awareness during COVID-19 pandemic and lock down on 21st July 2020
6. Felicitated by Sree Shivaji Spoorthi Kendram, Srisailam Kurnool, Andhra Pradesh at Hyderabad (Nov,2020).
7. Invited as Chief-guest on workshop in Prenatal genetic testing at Institute of Genetics Hyderabad (17th February 2021).
8. Honoured Saviours of Society award by Shri. Tarun Joshi, IPS commissioner Police Warangal and C Raja, Indian Film actor (Telugu) at Warangal by IMA (11th July 2021).
9. Felicitated by Lions club at University of Hyderabad on the occasion of Teacher's Day on 5th September 202
10. Felicitated as Chairperson for plenary session of 65th Annual National Conference of Indian Public Health Association-IPHACON 2021 at JIPMER, Puducherry held from 23rd to 26th September 2021
11. Felicitated as Resource Faculty in 5th National Conference on Tobacco or Health (virtual) from 25th to 27th September 2021
12. Felicitated as Chief Patron in 17th Annual International Conference of South India Medico-legal Association Simla 2021, held between 5th to 6th October, 2021
13. Felicitated as Chief Guest for Scope and Career Opportunities of Paramedical and Allied Medical science Courses at Malla Reddy University,Hyderabad (22nd October 2021).
14. Felicitated as Guest of Honour in National Conclave on Best Practices under National Tobacco Control Programme (NTCP) in India organised by PGIMER Chandigarh held from 28th to 30th October, 2021
15. Felicitated by Hon'ble Governor of Haryana, Shri Bandaru Dattatreya Garu at Raj Bhawan Haryana in Chandigarh on 29th October 2021
16. Invited as Guest of Honour in 1st South Asian LAMBCON 2021 conference held on 13th November 2021
17. Felicitated as Guest of Honour in American Association of Physicians of Indian origin (AAPI) Global Health Care Summmit-2022 by AAPI on 6th January 2022
18. Felicitated as Chief Guest in Workshop on 'Recent advancement in Prenatal Genetic Testing & Diagnosis' Institute of Genetics and Hospital for Genetic Diseases Osmania University, Hyderabad (17-19th February 2022).
19. Invited as Resource faculty in National Deliberation of Front-of-Package Labelling (FOPL)for food to prevent NCDs in India at New Delhi NAMS on 25th February 2022
20. Felicitated as Guest of Honour in Media orientation workshop on- "Anaemia a key nutritional challenge: Strategies and way forward" with UNICEF on 28th February 2022
21. Felicitated by Shri. G. Kishan Reddy, Hon'ble Union Minister of Tourism and Culture at Rashtriya Sanskriti Mahotsav, held at NTR stadium, Hyderabad on 1st April 2022

22. Felicitation at Family Medicine and Primary Care (FMPC) 2022 by Apollo Institute of Medical Science and Research Center on 9th April 2022
23. Felicitated as Guest of Honour in International Conference 'Advances in Genetic Diagnosis in the Era of OMICS' Institute of Genetics and Hospital for Genetic Diseases Osmania University, Hyderabad on 17th June 2022
24. Felicitated as Guest of Honour in National Doctors' Day Celebrations of 'Ek Shaam Doctors ke Naam' by Smt. Dr. Anuradha Medoju, Senior Regional Director and I/C Airport Health Organization, Regional Office of Health and Family Welfare, GOI, Hyderabad on 1st July 2022
25. Felicitated as Chief Guest on Doctors' Day by School (NGO) at Hyderabad on 1st July 2022

1.3. Publications

1. Patnaik N, **Bhatia V**, Mishra KG, Sukumar M. Effects of COVID–19 on pregnant women: Evidence-based review. J Family Med Prim Care [serial online] 2021 [cited 2021 May 5]; 10:1530-3.
2. C N Chandrasekhar, S Kalyani Surya Dhana Lakshmi, Ch Ramakrishna Prasad, Sandeep Garre, Syama Sunder Ayya , **Vikas Bhatia .** Role of oxygen concentrators in covid pandemic. IndianJournal of Clinical Anaesthesia
3. Tikka SK, Lahiri D, **Bhatia V.** Loss of a fellow doctor due to covid-19: a case of disenfranchised grief? BMJ Opinion 2021.https://blogs.bmj.com/bmj/2021/07/06/
4. Dora S, **Bhatia V,** Behera BK, Satapathy AK. Capacity Building of Frontline Workers for Detection of Children (0–6 Years) with Developmental Delays in a Rural Setting: A ClusterRandomized Trial. Indian Journal of Pediatrics. 2021 Nov 10:1-7. DOI: 10.1007/s12098-021- 03912-4
5. Parida S P, **Bhatia V**, G. Alekhya. Revamped vaccination policy in India need of the hour. Int J Res Med Sci. 2021 Nov; 9(11):3491-3494. DOI: http://dx.doi.org/10.18203/2320-6012.ijrms20214437
6. **Bhatia V,** Singh AK, Giri PP, Sahoo DP. Effectiveness of a short-structured training programme on knowledge of healthcare providers and programme managers involved in maternal and child health programmes in Odisha, India: a quality improvement study. BMJ Open. 2021 Aug 17;11(8):e040841. DOI: 10.1136/bmjopen-2020-040841.
7. **Bhatia V,**Parida SP, Chandanshive PD. Sociodemographic correlates of abnormal blood profile in tribal districts of Eastern India. Journal of Family Medicine and Primary Care. 2021 Aug 1;10 (8):2822. DOI: 10.4103/jfmpc.jfmpc_2287_20
8. **Bhatia V**, Gopi G, behera P. Plant based diet: A solution to the sustainability of life and environment. Indian J Community Fam Med 2021; 7:19-24.DOI: 10.4103/ijcfm.ijcfm_123_20
9. Sahoo BK, Taywade M, **Bhatia V**, Patro BK, Mohanthy S. Executive health check-up package at All India Institute of Medical Sciences, Bhubaneswar: A novel approach. Indian J Community Fam Med 2021; 7:8-11. DOI: 10.4103/ijcfm.ijcfm_14_21
10. Priyadhaba bahera, **Vikas Bhatia**, Dinesh P. Sahu, Durgesh P.Sahoo et.al (November 29, 2021) Community perception regarding diarrhoea management practices in a tribal predominant aspirational district of odisha: A mixed method study. J Family Med Prim Care 2021; 10:4110-6.
11. Dehury P, SahuDP, Giri PP, **Bhatia V.** (December 8,2021)the pattern of morbidity and use of social security schemes among the steel plant workers in an industrial district of Odisha. Indian J Community Med 2021; 46:739-43.

12. Parida SS, **Bhatia V**. Perception and Health seeking behavior regarding Anaemia. JIMSA 2021; 34:1
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14. Reddy M, Samprathi M, **Bhatia V**. Medical Equipment Donation: An End in Itself or a Means to an End? Indian Journal of Critical Care Medicine. 2022; 26(3):398–9. DOI:10.5005/jpjournals-10071-24121
15. Tikka SK, Malathesh BC, Sahoo DP, **Bhatia V**, Sreepada N, Meena S. Factor structure of the Telugu version of the Insomnia Severity Index administered to primary care health workers of rural Telanganaduringthe COVID-19 pandemic. Prim Care Companion CNS Disord. 2022;24(2):21m03185.DOI:10.4088/PCC.21m03185



10 May 2021
Visit by **Shri G Kishan Reddy,** Hon'ble minister of State for Home Affairs



19 June 2021
Visit by **Shri. Banda Prakash Mudiraj,** Hon'ble MP, Rajya Sabha

2. THE INSTITUTE - GENERAL OVERVIEW

The Pradhan Mantri Swasthya SurakshaYojana (PMSSY) which was announced in 2003 started functioning with the objectives of correcting regional imbalances in the availability of affordable/reliable tertiary healthcare services and to augment facilities for quality medical education in the country. To facilitate the creation of very important institutions in the country, the Government of India has legislated AIIMS Act, 1956 under which AIIMS are established under Ministry of Health and Family Welfare, Government of India. AIIMS, Bibinagar Hyderabad Metropolitan Region (HMR) (Telangana) was denoted in "Phase-VII" of PMSSY. It made its beginning in August 2019. The Institute is located on a 201-acre area in the villages of Rangapur and Kondamadugu, Bibinagar Mandal, Yadadri-Bhuvanagiri District. The land is about 13 km from the District Headquarters of Bhongir. The nearest railway station (Bibinagar) and bus stand are two Km away and the International Airport (Shamshabad) is located at a distance of about 54 Km. The site is located on the NH-163 - Hyderabad - Warangal National Highway.

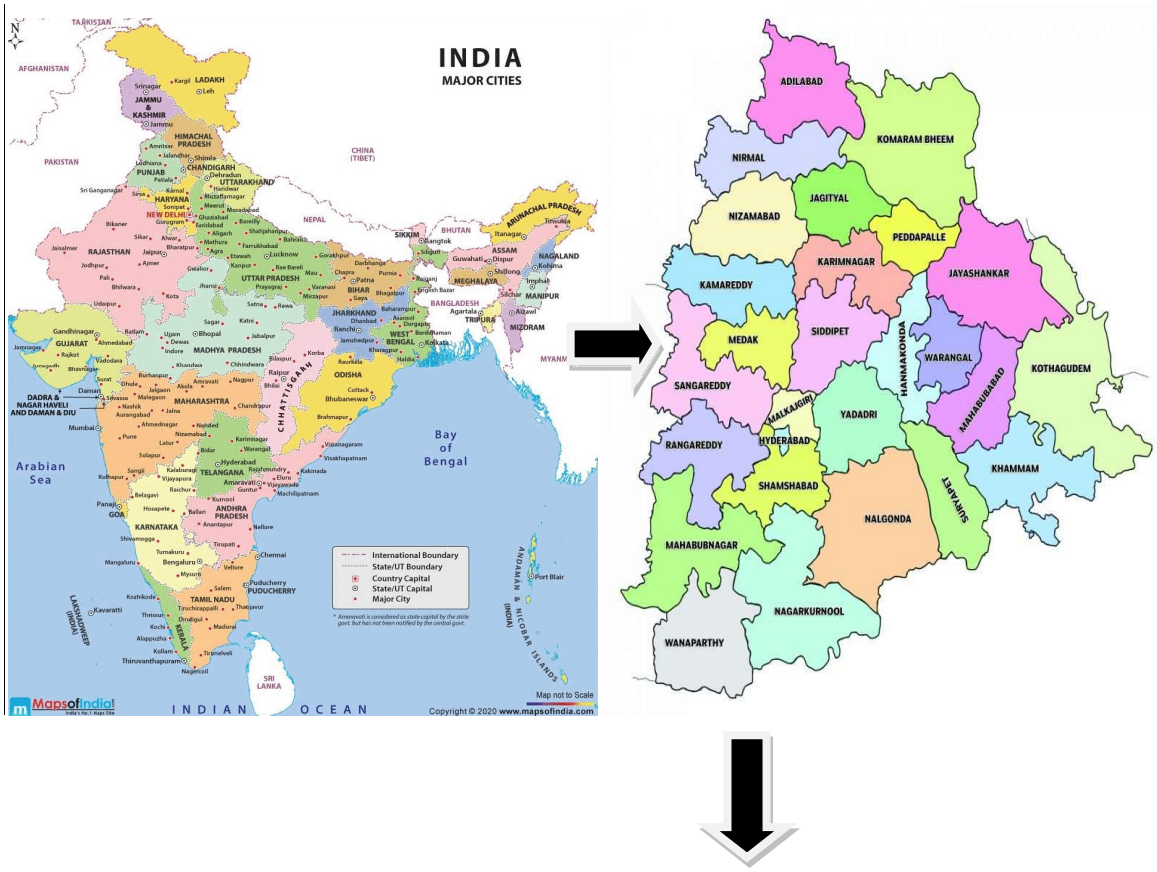
AIIMS Bibinagar is presently operating from a temporary building (erstwhile NIMS Hospital). A total of 212 MBBS students in three batches are admitted. Currently, patient care, academics, department establishment, administration and hostel facilities are all being managed in three floors of the exisiting blocks A, B & C. Over a span of 3 years, the Institute has been able to grow by leaps and bounds and provide a nurturing environment for faculty development, teaching, research, collaborations, community activities, and patient care.

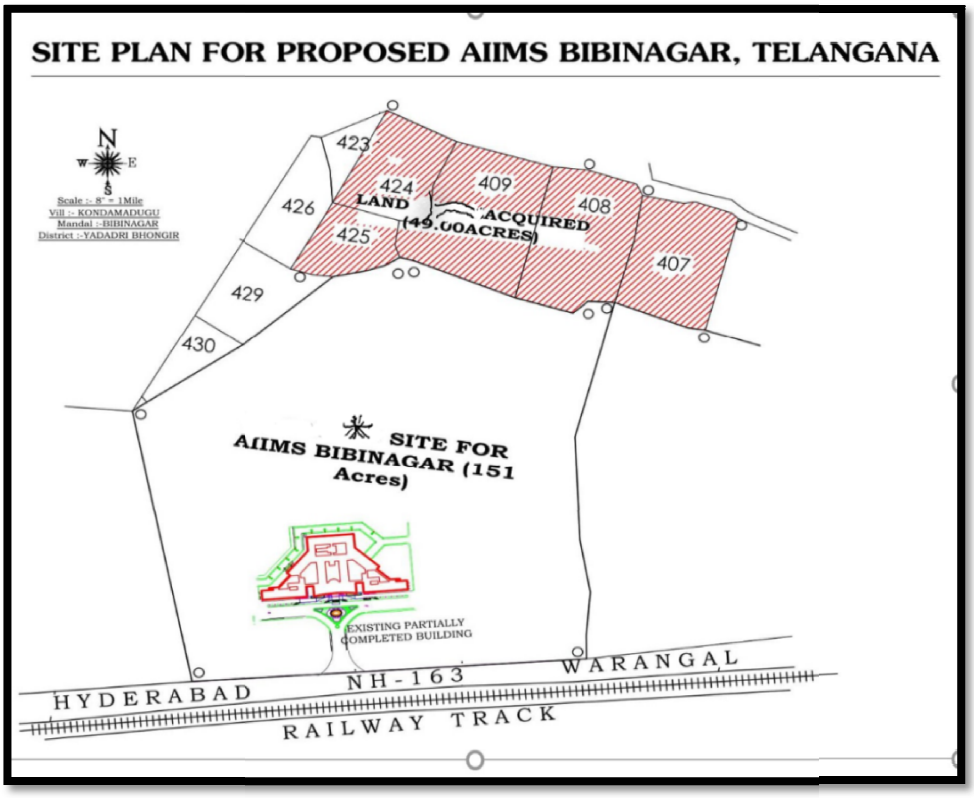
2.1. BRIEF OF AIIMS, BIBINAGAR

Project Details:

1. Location: Rangapur, Bibinagar, Yadadri-Bhuvanagiri, Telangana
2. Land Area: 201.648 Acres
3. Project Cost: Rs. 810 Crores (Excluding equipment)
4. Executing Agency: M/s HLL HITES under EPC Contract Mode
5. Procurement support Agency: M/s HLL HITES
6. Brief of Construction is as follows:
    a. Hospital Block: 750 Bedded with OPD, IPD, AYUSH & OT Block
    b. Academic Block: Medical College, Nursing College
    c. Residential Block: Director’s Bungalow, Guest House, Residential accommodation for faculty and staff, Hostels for Doctors, Nurses and Students and night shelter for patients

2.2. SITE LOCATION: Village: Rangapur & Kondamadugu
Mandal: Bibinagar
District: Yadadri-Bhuvanagiri
Hyderabad Metropolitan Region





INSTITUTE BODY

S. No	Name	Designation
1.	Prof. (Dr.) George A D'Souza, Dean, St John's Medical College, Bengaluru	President
2	Shri. Bandi Sanjay Kumar Hon'ble MP Lok Sabha	Member
3	Shri. Arvind Dharmapuri Hon'ble MP Lok Sabha	Member
4	Shri. Banda Prakash Mudiraj Hon'ble MP, Rajya Sabha	Member
5	Secretary, MoH&FW / Government of India Nominee	Member
6	DGHS, MoH& FW, Government of India	Member
7	AS & FA, MoH&FW, Government of India	Member
8	Chief Secretary, Government of Telangana	Member
9	Dr. B Karunakar Reddy, Vice Chancellor Kaloji Narayana Rao University of Health Sciences Warangal, Telangana	Member
10	Prof. B.S. Murty Director, IIT, Hyderabad	Member
11	Dr. Ashok Kumar Saxena, Dean, Faculty of Science, C.S.J.M. University Kanpur	Member
12	Dr. Rakesh Sharma, CEO and Laboratory Director North Delhi Pathology Clinic, New Delhi	Member
13	Dr. Subbiah Shanmugam, Professor and Head, Department of Surgical Oncology, Kilpauk Medical College, Chennai, Tamil Nadu	Member
14	Dr. Vasantha Kamath, Professor of Medicine MVJ Medical College & Research Hospital, Bengaluru, Karnataka	Member
15	Dr. K. Manohar, Director, Nizam's Institute of Medical Sciences, Hyderabad	Member
16	Prof. K.S. Mohan, Professor of Psychiatry Malabar Medical College and Research Centre, Calicut, Kerala	Member
17	Prof. (Dr.) Vikas Bhatia Executive Director, AIIMS, Bibinagar	Member Secretary

Permanent Special Invitees:

1	Additional Secretary	MoH & FW (in-charge of the Institute)
2	Joint Secretary	PMSSY, Ministry of Health and Family Welfare
3	Dean	Academics, AIIMS, Bibinagar
4	Deputy Director	Administration, AIIMS, Bibinagar
5	Senior Financial Advisor / Financial Advisor	AIIMS, Bibinagar

GOVERNING BODY

S. No	Name	Designation
1	Prof. (Dr) George D'Souza, President, AIIMS Bibinagar	Chairman
2	Dr. Banda Prakash Mudiraj, Hon'ble MP Rajya Sabha	Member
3	Shri. Rajesh Bhushan, IAS Secretary, MoH&FW, Government of India nominee	Member
4	Dr. Sunil Kumar, DGHS, MoH&FW, Government of India	Member
5	Shri. Somesh Kumar, IAS, Chief Secretary Government of Telangana / nominee	Member
6	Dr Dharmendra S. Gangwar, IAS, AS& FA, MoH&FW, GOI	Member
7	Dr. Ashok Kumar Saxena,Ex- Dean, Faculty of Science, C.S.J.M. University, Kanpur	Member
8	Dr. Rakesh Sharma, CEO and Laboratory Director North Delhi Pathology Clinic, New Delhi	Member
9	Dr. Subbiah Shanmugam, Professor and Head, Department of Surgical Oncology, Kilpauk Medical College, Chennai, Tamil Nadu	Member
10	Dr. Vasantha Kamath, Professor of Medicine, MVJ Medical College & Research Hospital, Bengaluru, Karnataka	Member
11	Prof (Dr) Vikas Bhatia, Executive Director, AIIMS Bibinagar	Member Secretary

Permanent Special Invitee (Economic Advisory Committee)	
Additional Secretary	- PMSSY Division, MoH&FW, GOI
Joint Secretary	- PMSSY Division, MoH&FW, GOI
Dean (Academics)	- AIIMS Bibinagar
Deputy Director (Administration)	- AIIMS Bibinagar
Senior Financial Advisor / Financial Advisor	- AIIMS Bibinagar

STANDING FINANCE COMMITTEE

S. No	Name	Designation
1	Shri. Rajesh Bhushan, IAS, Secretary, MoH&FW / Government of India nominee	Chairman
2	Shri Arvind Dharampuri Hon'ble MP, Lok Sabha	Member
3	Dr. Dharmendra S. Gangwar, IAS AS & FA, MoH&FW, Government of India	Member
4	Dr. Sunil Kumar DGHS, MoH&FW, Government of India	Member
5	Shri. Somesh Kumar, IAS Chief Secretary / Government of Telangana nominee	Member
6	Dr. Rakesh Sharma, CEO and Laboratory Director North Delhi Pathology Clinic, New Delhi	Member
7	Prof. (Dr.) Vikas Bhatia Executive Director, AIIMS, Bibinagar	Member Secretary

STANDING SELECTION COMMITTEE

S.No	Name	Designation
1	Dr. Subbiah Shanmugam, Professor and Head, Department of Surgical Oncology, Kilpauk Medical College, Chennai, Tamil Nadu.	Chairperson
2	Dr. Sunil Kumar, DGHS, MoH&FW, Government of India	Vice chairperson
3	Dr. Rakesh Sharma,CEO and Laboratory Director North Delhi Pathology Clinic, New Delhi	Member
4	Dr. Vasantha Kamath, Professor of Medicine MVJ Medical College and Research Hospital, Bengaluru, Karnataka	Member
5	Dr.K.S. Mohan, Professor of Psychiatry Malabar Medical College and Research Centre	Member
6	Dr. B Karunakar Reddy, Vice Chancellor Kaloji Narayana Rao University of Health Sciences, Warangal, Telangan	Member
7	Dr. Ashok Kumar Saxena, Ex- Dean, Faculty of Science C.S.J.M. University, Kanpur	Member
8	Prof. (Dr.) Vikas Bhatia, Executive Director, AIIMS Bibinagar	Member Secretary

STANDING ACADEMIC COMMITTEE

S. No	Name	Designation
1	Dr. Vasantha Kamath, Professor of Medicine, MVJ Medical College and Research Hospital, Bengaluru, Karnataka	Chairman
2	Shri. Bandi Sanjay Kumar, Hon'ble MP Lok Sabha	Vice Chairman
3	Dr. K. Manohar, Director, Nizam's Institute of Medical Sciences, Hyderabad	Member
4	Dr. Subbiah Shanmugam, Professor and Head, Department of Surgical Oncology, Kilpauk Medical College, Chennai, Tamil Nadu	Member
5	Dr.K.S. Mohan, Professor of Psychiatry Malabar Medical College and Research Centre	Member
6	Prof. B.S Murty, Director, IIT Hyderabad	Member
7	Prof. (Dr.) Vikas Bhatia, Executive Director, AIIMS Bibinagar	Member Secretary

2.3. Standing Academic Committee (SAC) Report

The second meeting of Standing Academic Committee of AIIMS Bibinagar was held on 7th December 2021 at 11:00 a.m. in the VC Room of AIIMS Bibinagar.

The following members were present:

- Executive Director briefed all the members regarding the status and progress of the Institute along with various achievements till date.
- The committee approved the MD/MS curriculum of 08 departments with provision to modify/ amend as per requirement and according to available Institute facility. The 08 departments are Anatomy, Biochemistry, Community Medicine, Forensic Medicine & Toxicology, Microbiology, Pathology, Pharmacology and Physiology.
- Proposal for starting MD/MS in 11 clinical departments from July 2022 session was approved. The 11 departments are Anesthesia, Radio Diagnosis, OBGY, General Medicine, General Surgery, Ophthalmology, Orthopedics, Dermatology, Pediatrics, Psychiatry and ENT.
- Commencement of one year Fellowship in Public Health Nutrition under Community Medicine & Family Medicine,
- SOPs of Institutional Research Cell and Exam cell
- Inclusion of AIIMS Bibinagar in World Directory of Medical Schools
- Short term training program for MBBS students
- Individual Research Fellowship/ Award (Extramural) like DST, DBT, ICMR, CSIR, UGC
- Practice of MOU for AIIMS Bibinagar with various State / Central Government Organizations
- Research funding upto Rs.10000/- for Research Project by Student
- Commencement of “Diploma in Primary Care Psychiatry” (D-PCP) in collaboration with NIMHANS, Bangalore
- New hostel facility for MBBS students -2022 batch outside, near AIIMS Campus

ADMINISTRATION

3. ADMINISTRATION

The General Administration Division of the Institute is an important wing managing the activities and renders administrative support to the Director to meet the objectives of the Institute. It broadly includes all establishment matters of Faculty and staff, stores & procurement, grievances, conducting review meetings and other administrative matters as assigned by the Director. For the smooth conduct and functioning, administrative, academic section, finance, hospital services, departments and health centers, report to the Executive Director. Deputy Director Administration, along with the Admin Officer and Accounts Officer, work towards progress and development of the institute. Academic section, Examination section, Research wing and the Medical Education Unit are fully functional and work in coordination with each other to establish a positive work culture.

The Administration Wing has organized important meetings during the year along with regular & routine administrative functions.

i) Institute Body Meeting.

a) The Second Institute Body meeting of the AIIMS Bibinagar was held on 07.10.2021 at the Conference Hall. During the meeting various agenda items were discussed related to Balance Faculty Recruitment, NORCET, procurement of equipments and other issues related to development of AIIMS Bibinagar.	
b) First Governing Body Meeting was held on 19 June 2021 at Conference Hall.	
c) First Standing Financial Committee Meeting was held on 19 April 2021 at Executive Director's Conference Hall though online mode during 2nd wave of COVID.	

ii) Response to RTI Queries and Grievance redressal mechanism. Against the receipt of 85 queries on various matters and 05 appeal cases under RTI Act during the year from General Public, all the cases have duly been complied within the stipulated time frame.

iii) Recruitment. The total sanctioned staff strength of AIIMS, Bibinagar is 1162 including Medical College, Hospital and Administration. The details as on 31 Mar 2022 are given below:

S.No	Category	Sanctioned Strength	Regular (Joined)	Deputation (Joined)	Contractual/ Consultant (Joined)	Total Staff in position
1.	Project Cell Officer	08	-	05	-	05
2.	Faculty	183	89	-	-	89
3.	Group A (Non-Faculty)	126	78	-	-	78
4.	Group B	843	114	-	02	116
5.	Group C	02	-	-	-	-
TOTAL		**1162**	**281**	**05**	**02**	**288**

Financial Advisor, Superintendent Engineer, Administrative Officer, 14 numbers of Faculty and 114 numbers of Nursing Officer joined the Institute during current financial year.

a) Financial Advisor: The advertisement for the post of Financial Advisor was released on 08/11/2021 and Shri Rashid Abbas Ansari will be joining soon.

b) Superintendent Engineer: The advertisement for the post of Superintendent Engineer and Executive Engineer (Civil) was released on 11/11/2020. Shri Durgappagari Govardhana was selected Superintendent Engineer and joined on 21/02/2022.

c) Administrative Officer: Shri Nishakar Sahoo was selected as Administrative Officer and joined on 01/06/2021.

d) Faculty: 77 Faculty had joined the Institute in 19 departments by 31 Mar 2021 and 13 more faculties joined the institute in the year 2021-22. Recruitment process of remaining 94 numbers of faculties is being planned.

e) Non-Faculty, Group `A': The following 21 numbers of posts for Nursing College and 01 post of Registrar on Direct Recruitment basis at AIIMS Bibinagar has been advertised vide Vacancy Notice No. AIIMS/BBN/RECT/REG (GR-A)/2021/136 dated 25.06.2021.

f) **Nursing Officers**: 118 Nursing Officers joined in this Institute during the current financial year and 100 Nursing Officers will be recruited through NORCET by AIIMS New Delhi.

S. No.	Post Code	Name of Post	No. of Posts
1	A-01	Professor-cum-Principal	01(UR)
2	A-02	Registrar	01(UR)
3	A-03	Reader/Associate Professor	02(UR)
4	A-04	Lecturer/Assistant	03(UR)
5	A-05	Tutor/Clinical Instructor	15 (UR-8, OBC-3, SC-02, ST-1 EWS-1)

g) Group - 'B' & 'C' Posts: A notification was issued for inviting applications for recruitment of Group - 'B' & 'C' posts at AIIMS Bibinagar, Hyderabad vide Vacancy Notice No. JIP/AIIMSBBN/Gr.B&C/2020 dated 29th July 2020. The Eligibility and Ineligibility list for the post of Assistant Administrative Officer, Executive Assistant and Lower Division Clerk has already been published and recruitment of the remaining posts is under process.

iv) Procurement

a) Procurement through HITES: In the current financial year, Rs.5,86,33,344/- of medical equipment were procured for laboratory, OPD & academic activities through HITES Procurement Support Agency (PSA) which were approved in the first Institute Body Meeting.

b) GeM / CPP Portal: GeM/CPP Cell got established in the month of January 2021. Procurement of medical and surgical equipment have been carried out through GeM/CPPP.

A sum of Rs.12, 65, 27,045/- has been spent in the financial year.

c) Local Procurement: Equipment and other items which are not available in the GeM/CPP for basic function of various departments were procured through local purchase.

An amount of Rs 1, 81, 11,519/- has been spent.

Project Details and Cost for the year 2021-2022 through HITES

S. No	Work Sanctioned (for AIIMS Bibinagar, Hyderabad)	Awarded Cost (Rs. Cr)
1	Construction of Boundary Wall & Clearance of site	1.98
2	Supply and fixing of Laboratory Furniture for MBBS practical class rooms	0.40
3	Supply and fixing wooden furniture in Administrative sections	0.71
4	Supply and fixing wooden furniture in Laboratories	0.62
Total		**Rs 3.71 Cr**

ACADEMICS

4. ACADEMIC SECTION

The Academic Section develops policies, plans and conducts academic activities. These activities encompass the undergraduate and postgraduate courses and faculty development. This section handles admission formalities for new students, develops and revises curriculum and administers teaching programs including assessment of undergraduates and postgraduate students of our institute.

S No	Name	Designation
1.	Dr. Rahul Narang, Professor & Head, Department of Microbiology	Dean (Academics)
2.	Dr. Nitin Ashok John, Professor, Department of Physiology	Dean (Examination)
3.	Dr. Sangeetha Sampath, Professor, Department of Biochemistry	Dean (Research)
4.	Dr. Gunvanti Rathod, Additional Professor, Department of Pathology	Associate Dean (Academics)
5.	Dr. Mrudula C, Additional Professor, Department of Anatomy	Associate Dean (Research)
6.	Dr. Prashanth Mada, Assistant Professor, Department of FMT	Associate Dean (Examination)
7.	Dr. B Aparna Varma, Additional Professor, Department of Biochemistry	Registrar

4.1. UG ADMISSIONS

UG admission committee was constituted on 05th November 2021 for smooth conduction of admission process. As per the admission guidelines issued by MCC, committee members verified the documents physically and updated in MCC portal.

S. No	Name	Designation
1	Dr. Rahul Narang, Dean (Academic)	Chairman
2	Dr. Nitin Ashok John, Dean (Exams)	Co-Chairman
3	Dr. Aparna Varma, Registrar	Member Secretary
4	Dr. Shrinivas Bheemrao Somalwar, AddL. Prof, Dept of Pathology	Member
5	Dr. Sunil Kumar D Chavan, Asst. Prof, Dept of Microbiology	Nodal Officer
6	Dr. Supriya Garapati, Associate. Prof, Dept of Anatomy	Member
7	Dr. Prashanth Mada, Associate. Prof, Dept of FMT	Member
8	Dr. Madhusudhan U, Assistant. Prof, Dept of Physiology	Member
9	Dr. Debasis Bisoi, Assistant. Prof, Dept of Pharmacology	Member
10	Dr. Meely Panda, Assistant. Prof, Dept of CFM	Member
11	Dr. SailuYellaboina, Asst. Prof, Dept of Biochemistry	Member
12	Mr. Nimmala Karunakar, Assistant Controller of Examination	Member

4.2. STUDENT AFFAIRS

The 3rd batch (2021-22) of MBBS admission process started from January 2022. All the 100 Seats were filled up through MCC (Medical Counselling Committee). Till date there are 212 MBBS students in the campus.

S.No	Batch	Seats	Status
1	2022-23	100	Seats proposed
2	2021-22	100 / 100	Seats filled
3	2020-21	62 / 62	Seats filled
4	2019-20	50 / 50	Seats filled

4.3. POST GRADUATION-MD/MS PROGRAMME

Dr. Madhuri Taranikanti, Nodal Officer Post Graduation Programme was appointed to organise PG assessment for various departments which were conducted successfully. The 1st batch of MD/MS students for January 2022 sessions were admitted. The details are as follows:

S.No	Name of the Student	Alloted Subject	Reported Date
1	Dr. Punnappa Raviteja	Anatomy	01-02-2022
2	Dr. Sushmi Rekha Panda	Biochemistry	01-02-2022
3	Dr. Joyce Susan Jose	Biochemistry	01-02-2022
4	Dr. Revathy S M	Community Medicine	01-02-2022
5	Dr. Remya Mary John	Community Medicine	01-02-2022
6	Dr. Kamakshi Nayyar	Forensic Medicine & Toxicology	01-02-2022
7	Dr. Arjun Banerjee	Microbiology	21-02-2022
8	Dr. K Rajesh Kanna	Microbiology	23-02-2022
9	Dr. Anwesha Dutta Chowdhury	Pathology	01-02-2022
10	Dr. Anvitha L Joshi	Pathology	01-02-2022
11	Dr. Leo Francis C	Pharmacology	01-02-2022
12	Dr. Afna Ansari	Physiology	22-02-2022

PG admissions committee was constituted on 11th January 2022. As per the admission guidelines issued by INI-CET, committee members verified the documents physically and updated in the portal. Academic year for the First Batch of PG students commenced from 1st February 2022 and academic schedule consisting of timeline for thesis submission was prepared. Basic Research methodology workshop was conducted to orient the PG students to research process by IRC (Institute Research Cell).

4.4. Medical Education Unit (MEU)

S.No	Designation	Faculty members
1	Chairman	Dr. Rahul Narang, Dean (Academic)
2.	Co - chairman	Dr. Neeraj Agarwal, Medical Superintendent
3.	Co - chairman	Dr. Nitin Ashok John, Dean (Examination)
4.	Co - chairperson	Dr. Sangeetha Sampath, Dean (Research)
5.	Overall, In-charge	Dr. Aparna Varma B, Registrar

4.4.1. MEU TEAMS AND MEMBERS

Team No	Name	Designation	Department
Team 1	Dr. Lakshmi Jyothi Tadi	Additional Professor	Microbiology
	Dr. Namitkant Singh	Associate Professor	ENT
Team 2	Dr. Mrudula.C	Additional Professor	Anatomy
	Dr. Sumitra Sivakoti	Assistant Professor	Pathology
Team 3	Dr. Shailaja Prabhala	Additional Professor	Pathology
	Dr. Prashanth Mada	Assistant Professor	FMT
Team 4	Dr. Rashmi Kundapur	Additional Professor	CFM
	Dr. Kishore Yadav J	Assistant Professor	CFM
Team 5	Dr. Madhuri Taranikanti	Additional Professor	Physiology
	Dr. R Shyamala	Associate Professor	Microbiology
	Dr. G. Vidya	Assistant Professor	Physiology
Team 6	Dr. Gunvanti Rathod	Additional Professor	Pathology
	Dr. M Kalpana	Associate Professor	Physiology
	Dr. Rohit Saluja	Assistant Professor	Biochemistry
Team 7	Dr. Aparna Varma	Additional Professor	Biochemistry
	Dr. Nabnita Patnaik	Additional Professor	OBGY
	Dr. Prafull K	Associate Professor	Physiology
Team 8	Dr. Pragnesh Parmar	Additional Professor	FMT
	Dr. Naina Kumar	Associate Professor	OBGY
	Dr. Vishaka Jain	Assistant Professor	General Medicine

4.4.2. Activities conducted:

- A 6-day Foundation Course for the 1st Semester MBBS students (Batch 2021) was held virtually from 14.02.2022 to 19.02.2022.
- The Foundation Course for the 3rd Semester MBBS students (Batch 2020) was held in the Auditorium from 15.11.2021 to 20.11.2021.
- The orientation programme for 2019 MBBS batch was conducted 01-02-2022 to 03-02-2022 through online mode.

4.4.3. AETCOM

Attitude, Ethics and Communication (AETCOM) is an essential component of undergraduate training. The AETCOM team has prepared the booklet consisting of modules, scheduled time table and frequency of AETCOM sessions to be conducted during the MBBS course for I, II and III MBBS. The Team is constantly involved in conducting many innovative and interactive sessions including group activities, role plays and skits for the I MBBS (2021 Batch) and II MBBS (2019, 2020 Batch) students covering different aspects of AETCOM like attributes expected of a good doctor, understanding priorities, maintaining confidentiality, etc.

AETCOM sessions conducted:

- For 3rd semester (2020 MBBS Batch) – on 17th and 18th November, 2021 - As part of Orientation Programme.
- For 6th semester (2019 MBBS Batch) – on 3rd February, 2022 - As part of Orientation Programme
- For I MBBS students (2021 Batch) on 17 February, 2022.
- Weekly sessions on AETCOM are being conducted throughout the academic year for I MBBS on 1st, 2nd, 3rd and 5th Fridays of every month between 2-3 PM.

4.4.4. Integrated Teaching Programe

S No	TOPIC NAME	DATE	MBBS BATCH
1.	Muscular Dystrophies	22.03.2021	2020
2.	Tuberculosis	24.03.2021	2019
3.	World Health TB	24.03.2022	2019

4.5. Guest Lecture Details

S.No	TOPIC NAME	DATE	GUEST SPEAKER	BATCH
1	New born Screening of inborn errors of metabolism	7.09.2021	Dr.Shilpa Reddy	2019 & 2020 MBBS Batch
2.	Covid Update Vaccination	7.12.2021	Dr.Vasantha Kamath	All Faculty
3.	Advances in Molecular Genetics	26.03.2022	Dr.D M Vasudevan	2019 & 2021 MBBS Batch

5. EXAMINATION SECTION

5.1. Professional examinations conducted

S.No	Name of Examination	Exam Dates	No. of Candidates			
			Present	Absent	Pass	Fail
1	1st Professional MBBS Exam Batch - 2020.	Theory 11-10-2021 to 22-10-2021 Practicals 25-10-2021 to 27-10-2021	62	00	54	08
2	1st Professional MBBS Supplementary Exam	Theory 1-12-2021 to 13-12-2021 Practicals 14-12-2021 to 16-12-2021	08	00	08	00
3	2nd Professional MBBS Exam Batch 2019	Theory 27-12-21 to 10-01-2022 Practicals 17-01-2022 to 20-01-2022	50	00	49	01
4	2nd Professional MBBS Supplementary Exam	Theory 9-02-2022 Practicals 11-20-2022	01	00	01	00

5.2. The updated SOP for UG was approved in 2nd SAC

5.3. Recruitment of Residents:

i. Recuritment for Junior Residents was coordinated and conducted through exam cell for various departments 7.12.2021 and 8.12.2021. 197 candidates applied for the posts.

ii. Interview was coordinated and conducted through exam cell for the post of Senior Resident of various departments from 22nd - 30th November-2021.

5.4. Participation in other events:

- Examination section was also involved in NORCET-2021 online and offline certificate verification
- Examination section was also involved in UG/PG Admission Process
- Orientation of the examination process to the newly joined batch-2021 in induction program.

6. CENTRAL LIBRARY

Mission: To provide valuable and appropriate learning resources in medical education to undergraduate and postgraduate students, residents, researchers, faculty and paramedical staff.

Name	Department	Designation
Dr. Neeraj Agarwal	Medical Superindent & Prof, HOD of CFM	Chairman
Dr. Madhuri Taranikanti	Additional Prof, Physiology	Faculty In charge
Dr.Vishaka Jain	Assistant Prof, Gen Medicine	Member Secretary
Dr.Naina Kumar	Associate Prof, OBG	Member
Dr. Prashanth Mada	Assistant Prof, FMT	Member
Dr. Meely Panda	Assistant Prof, CFM	Member
Dr. Anish Singhal	Assistant Prof, Physiology	Member
Dr. Sumitra Sivakoti	Assistant Prof, Pathology	Member

- Total number of UG books available in the library is 1400 books.
- PG Books procurement is under process.

E-Library

- E-Library helps simplify the research process and empowers novice researchers to more easily and efficiently choose their research topic and find authoritative information to support their research claim. It delivers one of the largest collections of periodical and digital media content editorially selected to support novice researchers.
- E-Library is equipped with 10 Desktops, having LAN Connection and also have printing and photo copy facility, with multimedia, UPS.

Library services

1. For Home Lending
2. Book Bank
3. Reference Service
4. Digital Library Books
5. 24 Hours Reading room
6. Internet Service / WIFI
7. Photocopy Service

7. CULTURAL ACTIVITIES

S.No	Name	Designation
1	Dr. Rashmi Kundapur	Nodal Officer
2	Dr. Rekha U	Additional Nodal officer
3	Dr. Kalpana M	Member
4	Dr. Supriya GarapatI	Member
5	Dr. Durgesh Sahoo	Member
6	Dr. Rohini Motwani	Member
7	Dr. Ramakrishna	Member
8	Dr. Sai Krishna	Member
9	Dr. Madhulatha	Member
10	Dr. Shipra Raut	Member

I. Cultural committee was reconstituted in July 2021 with Dr. Sai Krishna and Dr.Shipra Raut as member

II. August 15th, Independence Day cultural activities conducted with faculty, students and nursing officers participation

III. January 26th , Republic Day cultural activities conducted with faculty, students and nursing officers participation

IV. 10th March, AIIMS Bibinagar, Annual day cultural activities conducted

V. Celebrated festives of Bathukamma and Deepavali during October and November

VI. Inauguration of 3 clubs - Music club on 29/07/2021, Dance club on 03/08/2021, and Movie club on 07/08/2021with performances by students on 'Monsoon', 'Flash mob on Breast Feeding' and telecast of educational movie.

Movie Club was initiated by MBBS students of 2019 and 2020 batch was virtually inaugurated by Shri. Palnati Surya Pratap, Telugu film director and screen-writer along with Prof. (Dr.) Vikas Bhatia, Executive Director of AIIMS Bibinagar. Dean Prof. (Dr.) Rahul Narang and Medical Superintendent Prof. (Dr.) Neeraj Agarwal graced the session.

VII. Online All India Cultural Fest from 15th to 30th august –CYNUS- The Swan. 14 medical colleges took part in the Fest

VIII. In process of developing a local band of musicians from students

IX. Cultural fest Udbhav was conducted 2 days in the campus for students of 2019 and 2020 batch. The fest included 18 competitions for two days from 25th to 26th February 2022 which included cultural and literary activities. During the valedictory ceremony certificates were awarded by Executive Director, Dr Vikas Bhatia and by famous table tennis player Naina Jaiswal. Cultural album was also released



Inauguration of 3 Clubs



Music Club and performance by students



Cultural Fest “Udbhav”

8. SPORTS

8.1. Inauguration of students' sports club:

Students' Sports Club of AIIMS Bibinagar was inaugurated by Honorable Collector and District Magistrate YadadriBhuvanagiri, Smt. Pamela Satpathy, IAS on 26th August 2021, in the esteemed presence of Executive Director Dr Vikas Bhatia, faculty, staff members and students. Clubs for cricket throw ball, volleyball, football, chess, carroms, table tennis, badminton, and athletics were formed from the students of 2019 and 2020 MBBS batches. Same day the synthetic turf Badminton court was inaugurated by Honorable Collector and District Magistrate Yadadri-Bhuvanagiri, Smt. Pamela Satpathy, IAS.

8.2. Monsoon Sports Carnival:

Various sports events were conducted in the evening hours from 26/08/2021 to 31/08/2021. Students, faculty, Nursing officers and other staff were included for all the sports. Competitions were conducted for chess, carroms, table tennis, badminton, throw ball, volleyball, football, and cricket.

8.3. Spark 2022:

The week-long sports schedule for various games came to an end on 5th March 2022 with the celebration of the second annual sports day, "SPARK 2022". The sports day was graced by Ms Naina Jaiswal, The International Table Tennis Champion. The sports carnival was hosted by the Sports Committee and Sports Club Members of AIIMS Bibinagar**.** The occasion was chaired by Executive Director Prof Vikas Bhatia, Dean (Academics) Prof. Rahul Narang, Dean (Examination), Prof Nitin Ashok John, Dean (Research) Prof Sangeetha Sampath, and Deputy Director (Administration) Col S P Anantrao.

MBBS students, faculty, resident doctors, nursing officers, administrative and other staff participated in the week-long schedule. The new batch of 100 MBBS students was also encouraged to participate in various indoor and outdoor activities. A Unity relay run was conducted involving all the cadres of employees and students for strengthening the integrity and team spirit. Winners and runner ups were awarded medals / trophies and certificates by Executive Director, Dean, Deputy Director (Administration), and senior faculties.

Champions – "Spark 2022"

S.No	Winners	Sports
1	Mr. Hafeez (catptain), Batch 2019	Football
2	Mr. Sathwik Reddy (Captain) Batch 2019	Volley ball
3	Ms. Hiranya (Captain) Batch 2020	Throwball
4	Ms. Varshitha (Captain) Batch 2020	Kho-Kho (Females)
5	Mr. VishweshwarraihDongre (Captain) Batch 2020	Kho-Kho (Males)
6	Mr. Ajay Unnikrishnan (2019)	Best Athelete (Male)
7	Ms. Afnan Rimzy (2019)	Best Athelete (Female)



Felicitation of Guest



Prize distribution



The Sports Team

9. HOSTEL FACILITY

S.No	Name (Committee members)	Designation
1.	Dr. Pragnesh Parmar Additional Prof, FMT	Chief Hostel Superintendent
2.	Dr. Lakshmi Jyothi T Additional Prof, Microbiology	Additional Hostel Superintendent
3.	Dr. Prafull K Associate Prof, Physiology	Hostel Superintendent (Boys)
4.	Dr. Vaman Kulkarni Assistant Prof. CFM	Deputy Hostel Superintendent (Boys)
5	Dr. Madhavi Eerike Associate Prof, Pharmacology	Hostel Superintendent (Girls)
6	Dr. Alka Bhingardeo Assistant Prof, Anatomy	Deputy Hostel Superintendent (Girls)

Three batches of MBBS with a total of 212 students are admitted. The hostel accommodation is compulsory for all students taking admission. All the students of batch 2019 and 2020 are staying in hostel building at campus. There are total two girls' wings and three boys' wings for accommodation. For the new batch of 2021, girl students stay in campus in A block first floor, while all boys are accommodated in villas rented by AIIMS outside campus.

Dinning facility is available on each floor with dining halls. Laundry facility for students with washing machine, water cooler for drinking water, geyser for hot water. Students enjoy tennis court, volleyball ground, cricket ground, football ground, swimming pool for outdoor fun and carom, chess and table tennis for indoor recreational activities. Our director believes in "Young India -Fit India", so gym facility is also available in campus. For music lovers instrumental music playing at different corners of institute in the evening making surrounding greenery more beautiful. AIIMS Vatika and Rainbow Park are two gardens in campus where students enjoy their leisure time and celebrate festivities. Hostel committee and Anti ragging committee of the institute are quite vigilant and take care of students well.

10. MESS COMMITTEE

Monitoring of the mess facilities for providing nutritious and hygienic food to the students.

S.No	Name (Committee Members)	Designation
1.	Dr. Aparna Varma, Registrar	Chairperson
2.	Dr. Rashmi Kundapur	Member Secretary
3.	Dr. Vidya G	Member
4.	Dr. K. Raghavendra Rao	Member

11. ANTI-RAGGING COMMITTEE

S.No	Name (Committee Members)	Designation
1.	Prof. Vikas Bhatia, Executive Director	Chairperson
2.	Dr. Rahul Narang, Dean (Academic)	Vice- Chairperson
3.	Col. Anant Rao, DDA, AIIMS Bibinagar	Member
4.	Dr. B Aparna Varma, Registrar	Member
5.	Dr.Gunvanti Rathod, Associate Dean	Member Secretary
6.	Dr. Pragnesh Parmar, Chief Hostel Superintendent	Member
7.	Dr. Lakshmi Jyothi T, Additional Chief Hostel Superintendent	Member
8.	Dr. Prafull, Asso Prof, Hostel Superintendent, (Boys)	Member
9.	Dr. Alka Bhingardeo, Hostel Superintendent, (Girls)	Member
10.	Dr. Sumitra S, Assistant Professor	Member
11.	Dr. Gerard Marshall Raj D, Assistant Professor	Member
12.	Mr. H Raghavender, Sub Inspector	Member
13.	Ms. Swathi Ramachandran, 2nd year student-Female	Member
14.	Mr. Bhagwant Pawar, 2nd year student-Male	Member
15.	Shri. Dathrak Dayakar (Local Media Person from DD)	Member

- The Anti-ragging Committee headed by the Executive Director Dr. Vikas Bhatia as Chairperson takes utmost precautions in curbing the menace within the campus making it ragging free. Dean Prof. Dr. Rahul Narang, in his capacity as the Vice-Chairperson, channels all the requisite support in this regard for making the Anti-ragging Committee fully operational.
- The Executive Director Dr. Vikas Bhatia in his opening remarks of the Foundation Day of the newly admitted MBBS Batch 2021-22 on 25 November 2021 assured both the students and their parents that AIIMS Bibinagar would strive to be a ragging free campus and as on date no incidents of ragging have occurred. Dean Prof. Dr. Rahul Narang convened an "Online Anti-Ragging Awareness Program" for 2nd and 3rd M.B.B.S. Students and their Parents from VC room on 4th February 2022. During the program, Dr. Gerard briefed about 'Anti-Ragging Rules' on behalf of the Anti-Ragging Committee.
- A letter to the parents of the senior batch students to apprise regarding the various anti-raging measures at the Institute in accordance with the National Medical Commission (Prevention and Prohibition of Ragging in Medical Colleges and Institutions) Regulations, 2021 was also sent. Awareness boards regarding anti-ragging rules with revised Anti-ragging Committee member notifications were placed in different areas within the campus. The Anti-ragging Committee also includes representation from students (senior and junior), Sub-Inspector, Local media person, and an NGO member.

12. FACULTY DETAILS

After joining of Executive Director, Dr. Vikas Bhatia on 08 May 2020, the Standing selection committee [SSC] has conducted recruitment in 5 phases for faculty. A total of 99 appointment orders were issued of which 89 faculty members had joined in various departments. Out of these 89 faculty members 04 Professors, 15 Additional Professor**,** 20 Associate Professor, and 49 Assistant Professor**.** In addition, 40 senior residents and 28 junior residents (Non academic) were recruited in various departments. The details of faculty members are as follows:

S.No	Name	Department	Designation	Date of joining
1	Dr. Neeraj Agarwal	CFM	Professor	19-10-2020 AN
2	Dr. Rahul Narang	Microbiology	Professor	01-12-2020 AN
3	Dr. Sangeetha sampath	Biochemistry	Professor	17-03-2021 FN
4	Dr. Nitin Ashok John	Physiology	Professor	31-12-2020 AN
5	Dr. Lakshmi Jyothi Tadi	Microbiology	Additional Prof	29-10-2020 FN
6	Dr. Shailaja Prabhala	Pathology	Additional Prof	10-11-2020 FN
7	Dr. AyyaSyama Sundar	Anaesthesia	Additional Prof	10-11-2020 FN
8	Dr. Abhishek JC Arora	Radio Diagnosis	Additional Prof	01-12-2020 FN
9	Dr. S. Kalyani SD Lakshmi	Anesthesia	Additional Prof	03-12-2020 FN
10	Dr. Pragnesh Parmar	FMT	Additional Prof	24-12-2020 FN
11	Dr. Gunvanti Rathod	Pathology	Additional Prof	24-12-2020 FN
12	Dr. Rashmi Kundapur	CFM	Additional Prof	28-12-2020 FN
13	Dr. Nabnita Patnaik	OBGY	Additional Prof	30-12-2020 FN
14	Dr. Aparna Varma Bhongir	Biochemistry	Additional Prof	30-12-2020 FN
15	Dr. Mrudula Chandrupatla	Anatomy	Additional Prof	08-01-2021 FN
16	Dr. Madhuri Taranikanti	Physiology	Additional Prof	20-01-2021 FN
17	Dr. Arvind Kumar Morya	Ophthalmology	Additional Prof	17-02-2021 FN
18	Dr. Maheshwar Lakkireddy	Orthopedics	Additional Prof	18-03-2021 FN
19	Dr. Shrinivas Bheemrao Somalwar	Pathology	Additional Prof	14-10-2021 FN
20	Dr. K GovindraoNarsingrao	CFM	Associate Prof	21-10-2020 AN
21	Dr. Madhavi Eerike	Pharmacology	Associate Prof	29-10-2020 FN
22	Dr. R Shyamala	Microbiology	Associate Prof	23-10-2020 FN
23	Dr. ShalamNikhat Sheerin	Microbiology	Associate Prof	16-11-2020 FN
24	Dr. Annapurna Srirambhatla	Radio Diagnosis	Associate Prof	19-11-2020 AN
25	Dr. Kiran Kumar Gudivada	Anesthesia	Associate Prof	25-11-2020 FN
26	Dr. Sai Krishna Tikka	Psychiatry	Associate Prof	12-03-2021 AN
27	Dr. Yadukul.S	FMT	Associate Prof	03-12-2020 FN
28	Dr. S. Siddharth Rao	General Surgery	Associate Prof	22-03-2021 FN

29	Dr. Jitendra Singh Nigam	Pathology	Associate Prof	28-06-2021AN
30	Dr. Namit Kant Singh	ENT	Associate Prof	18-03-2021 FN
31	Dr. Naina Kumar	OBGY	Associate Prof	27-01-2021 FN
32	Dr. Anand	Biochemistry	Associate Prof	07-01-2021 FN
33	Dr. Sakthivadivel V	General Medicine	Associate Prof	30-01-2021 FN
34	Dr. M. Kalpana	Physiology	Associate Prof	04-01-2021 FN
35	Dr. Madhusudhan S	Pediatric	Associate Prof	03-05-2021AN
36	Dr. Prafull K	Physiology	Associate Prof	07-01-2021 FN
37	Dr. SupriyaGarapati	Anatomy	Associate Prof	07-01-2021 FN
38	Dr. Siddharam S Janti	Ophthalmology	Associate Prof	15-02-2021 FN
39	Dr. Rohini Motwani	Anatomy	Associate Prof	20-01-2021 FN
40	Dr. Durgesh Prasad Sahoo	CFM	Assistant Prof	21-10-2020 FN
41	Dr. Meely Panda	CFM	Assistant Prof	23-10-2020 FN
42	Dr. Gomathi R	CFM	Assistant Prof	03-11-2020 FN
43	Dr. Vaman Kulkarni	CFM	Assistant Prof	20-11-2020 FN
44	Dr. Kishore Yadav Jothula	CFM	Assistant Prof	21-10-2020 FN
45	Dr. Kamble Bhushan D	CFM	Assistant Prof	16-03-2021 FN
46	Dr. Prashanth Mada	FMT	Assistant Prof	21-10-2020 AN
47	Dr. Sunil Kumar D Chavan	Microbiology	Assistant Prof	27-10-2020 FN
48	Dr. Raja S	Microbiology	Assistant Prof	28-10-2020 FN
49	Dr. DebasisBisoi	Pharmacology	Assistant Prof	28-10-2020 FN
50	Dr. U Rekha Priyadarshini	Pharmacology	Assistant Prof	06-11-2020 FN
51	Dr. Gerard Marshall Raj D	Pharmacology	Assistant Prof	06-11-2020 FN
52	Dr. Sumitra Sivakoti	Pathology	Assistant Prof	07-11-2020 FN
53	Dr. Parag Patil Parshuram	Pathology	Assistant Prof	17-11-2020 AN
54	Dr. Abhimanyu Sharma	Pathology	Assistant Prof	01-12-2020 FN
55	Dr. Seetu Palo	Pathology	Assistant Prof	07-12-2020 FN
56	Dr. Immanuel Pradeep	Pathology	Assistant Prof	22-02-2021 FN
57	Dr. Ashutosh Rath	Pathology	Assistant Prof	11-12-2020 FN
58	Dr. CH Rama Krishna Prasad	Anesthesia	Assistant Prof	10-11-2020 FN
59	Dr. Sandeep Garre	Anaesthesia	Assistant Prof	08-03-2021 AN
60	Dr. Rohit Saluja	Biochemistry	Assistant Prof	30-12-2020 FN
61	Dr. Madhu LathaKarra	Biochemistry	Assistant Prof	31-12-2020 FN
62	Dr. Yuvaraj B	Biochemistry	Assistant Prof	11-01-2021 FN
63	Dr. SailuYellaboina	Biochemistry	Assistant Prof	25-01-2021 FN
64	Dr. Mishu Mangla	OBGY	Assistant Prof	24-03-2021 FN

65	Dr. J Aparna	OBGY	Assistant Prof	22-05-2021FN
66	Dr. Anish Singhal	Physiology	Assistant Prof	02-01-2021 FN
67	Dr. Vidya Ganji	Physiology	Assistant Prof	04-01-2021 FN
68	Dr. Madhusudhan U	Physiology	Assistant Prof	22-01-2021 FN
69	Dr. Archana Gaur. T	Physiology	Assistant Prof	10-02-2021 FN
70	Dr. Surraj S	Anatomy	Assistant Prof	01-01-2021 FN
71	Dr. Alka BhingarDeo	Anatomy	Assistant Prof	04-01-2021 FN
72	Dr. Ariyanachi K	Anatomy	Assistant Prof	08-01-2021 FN
73	Dr. Geetha SG	Anatomy	Assistant Prof	25-01-2021 FN
74	Dr. Sipra Rout	Anatomy	Assistant Prof	06-02-2021 FN
75	Dr. Vishaka Jain	General Medicine	Assistant Prof	25-01-2021 FN
76	Dr. Krishna Ramavath	General Surgery	Assistant Prof	16-03-2021 FN
77	Dr. A Nyna Sindhu	General Surgery	Assistant Prof	17-04-2021FN
78	Dr. Tushar M Parmeshwar	General Surgery	Assistant Prof	31-05-2021FN
79	Dr. K Raghavendra Rao	Ophthalmology	Assistant Prof	05-02-2021 AN
80	Dr. VS Vijitha	Ophthalmology	Assistant Prof	22-02-2021 AN
81	Dr. Ravi Kumar	Orthopedics	Assistant Prof	01-04-2021 FN
82	Dr. Maley Deepak Kumar	Orthopedics	Assistant Prof	08.10.2021 FN
83	Dr. Deepthi Konda	Dermatology	Assistant Prof	13-02-2021 AN
84	Dr. V. Mounika Reddy	Pediatric	Assistant Prof	22-02-2021 FN
85	Dr. Rajendra Prasad Anne	Pediatrics	Assistant Prof	01-03-2021 FN
86	Dr. Emine A Rahiman	Pediatrics	Assistant Prof	23-04-2021 FN
87	Dr. B C Malathesh	Psychiatry	Assistant Prof	26-06-2021 FN
88	Dr. Neemu Hage	ENT	Assistant Prof	01-04-2021 FN
89	Dr. R Balaji	ENT	Assistant Prof	01-04-2021 AN

13. RESEARCH SECTION

The mission statement of the Research Section is to Integrate and blend at all levels of research, academics and clinical medicine and to encourage holistic translational interdisciplinary research. Its key areas of emphasis are to have Interdisciplinary collaborations and encourage young researchers.

13.1. INSTITUTIONAL RESEARCH CELL (IRC)

S No	Name	Designation
1.	Dr. Sangeeta Sampath	Dean (Research)
2.	Dr. MrudulaChandrupatla	Associate Dean (Research)
3.	Dr. Sumitra Sivakoti	Member Secretary
4.	Dr. Abhishek J Arora	Member
5.	Dr. Kiran Kumar G	Member
6.	Dr. Debasis Bisoi	Member
7.	Dr. Meely Panda	Member
8.	Dr. V Mounika Reddy	Member
9.	Dr. R Balaji	Member

13.2. SCIENTIFIC ADVISORY COMMITTEE

S.No	Name	Designation	External / Internal	Official Address
1	Prof. Yogesh Chawla	Former Director, PGI Chandigarh	External	Sector 50 D, Chandigarh
2	Prof. Vikas Bhatia	Executive Director	Internal	AIIMS, Bibinagar
3	Prof. Rahul Narang	Dean (Academics)	Internal	AIIMS, Bibinagar
4	Prof. Bhanu Prakash Reddy	HOD Dept oF Biochemistry	External	NIN, Hyderabad
5	Dr.Swayam Pragya parida	Additional Professor Dept of CFM	External	AIIMS, Bubaneswar
6	Dr.Madhuri Taranikanti	Additional Professor Dept of Physiology	Internal	AIIMS, Bibinagar
7	Dr. Sadashivudu G	Additional Professor, Dept of Medical Oncology & Associate Dean, Research, NIMS	External	NIMS, Hyderabad
8	Dr.S Siddarth Rao	Assistant Professor Dept of General Surgery	Internal	AIIMS, Bibinagar
9	Dr. Rajendra Prasad Anne	Assistant Professor Dept of Pediatrics	Internal	AIIMS, Bibinagar
10	Dr. Vaman Kulkarni	Assistant Professor Dept of CFM	Internal	AIIMS, Bibinagar

- MOU made with one International and 12 National Institutions to have collaborative works
- IEC formed in November 2020 and registered in July 2021
- IRC formed in December 2020, expanded on 8th December 2021

- Scientific Advisory Committee formed on July 2021 and technically evaluated / approved 49 Intramural funded projects
- Guiding document and SOP for the conduct of Intramural and extramural projects are proposed.
- Guidelines for involving students in research projects are proposed.
- Standard operating procedure for the conduct of clinical trials at AIIMS, Bibinagar developed.
- Recognition of AIIMS Bibinagar as Scientific and Industrial Research organization (SIROs) by the department of scientific and industrial research.
- The research cell and the Institutional research committee meet every month on the second Friday to review the proposals. Ninety-three research proposals that include intramural and extramural were reviewed by the research cell.
- Submitted a proposal to DHR for the setting up of a multidisciplinary research unit at AIIMS, Bibinagar.
- Working groups for various aspects of the research were formed like Genetics & Reproductive Health, OMICS, Cognitive Neurosciences, Biomedical Devices, Bleeding Disorder, Oncology, Inborn errors of metabolism and immunity, AYUSH, Sepsis, One Health, Tuberculosis, Malaria, Fungal diseases, Music, Dance and Health, Educational Research, Operational Research, Health & Demographic surveillance system (HDSS). The future aspects of each subgroup will be discussed in these groups. A research catalogue was made for future directions.

13.3. Workshops Conducted:

- A 3 day Basic Research Methodology workshop for postgraduate students (15- 17 March 22).
- Good clinical practice workshop was conducted on 12 August 2021.
- Sepsis Research Group, AIIMS Bibinagar conducted two programs on 13th September and 15th September on the occasion of World sepsis day. On 13th September 2021- A CME was organised for all the faculty and nursing officers. On 15th September 2021, Sepsis Research Group went to the community at PHC, Bommallaramaram and conducted an awareness program related to hand & water hygiene with skit demonstrations by doctors and nursing officers. Mothers from a village with their children and JP high schools Students attended the program.
- Organized guest lecture for medical students, junior residents and faculty by Padmashri, BC Roy Award recipient Prof Yogesh Chawla, former Director & Emeritus Professor, PGIMER

13.4. Research projects and Publications

- Intramural Funded projects - 27 with a total fund of Rs.1,00,26,133/-
- Intramural Non-Funded projects - 66
- Extramural Funded projects ongoing - 15 in collaboration with UNICEF, AYUSH, ICMR, KNIT, CDAC, PGIMER, DST.
- Total No. of Publications by faculty with AIIMS Bibinagar affiliation – 218



29 July 2021
First Scientific Advisory Committee meeting

14. INSTITUTIONAL ETHICS COMMITTEE (IEC)

S.No	Name (Committee Members)	Designation
1.	Dr. G. Suryanarayana Raju, Member, NMC, Senior Prof & Head, Director	Chairperson
2.	Dr. Madhavi Eerike, Asso Professor	Member secretary
3.	Dr. CH Rama Krishna Prasad, Assistant Prof	Clinician
4.	Dr. Gomathi R, Assistant Prof	Public Health
5.	Padma Rao Lakkaraju, National Vice President All India Prosecutor Association	Legal expert
6.	Ms. Meeta Joshi, Head, Dept of History	Social Scientist
7.	Shri. Durga Das Saha, Ex. Director of Mines Safety	Lay person from the community

14.1. IEC Meetings conducted

S.No	Date of Meeting	No of proposals reviewed	No of proposals approved	Proposals resubmited
1.	Second IEC meeting 24th Apr 2021	40	13	16
2.	Third IEC meeting 14th Aug 2021	32	11	19
3.	Fourth IEC meeting 25th Sep 2021	37	11	26
4.	Fifth IEC meeting 11th Dec 2021	18	10	06
5.	Sixth IEC meeting 12th Mar 2022	16	8	8

- Registration with CDSCO is completed and received Ethics Committee Registration No. ECR/1596/Inst/TG/2021
- Registration with DHR has completed and received approval on 23th July 2021 (provisional registration no: EC/NEW/INST/2021/1893)
- Prepared IEC SOP version-3
- Good Clinical Practice workshop conducted on 12th August 2021 for IEC members and Faculty
- A separate web page for IEC is created in the institutional website and updated regularly with all the activities at: https://aiimsbibinagar.edu.in/Institutional%20Ethics%20Committee.html

15. ACADEMIC EVENTS ORGANISED BY VARIOUS DEPARTMENTS

CMES / CONFERENCES / WORKSHOPS / SEMINARS / WEBINARS

Date	Name of the Event
22.02 2021	CME on Gut Microbiome, Nutrition and its impact on physical and mental well-being
06- 04-2021	National Webinar on NAFLD in collaboration with ILBS
01.05. 2021	Nursing Workshop on dead body management
23.05.2021	Webinar on Indian Evidence On High Dose Vitamin D in COVID-19
28.05.2021	Edification – Novel approach in learningAnatomy
11.06.2021	Webinar on Motivation –POW WOW
15.06.2021	National Symposium- Pregnancy, Mental Health and COVID-19
21.06.2021	CME program on Sickle Cell Disease
21.06.2021	Webinar on Sickle Cell Disease on World Sickle Cell Day 2021
22.06.2021 to 05.07.2021	Training for Nursing Officers in Paediatric Critical Care for Paediatrics COVID ICU
01.07. 2021	CME on Assault on Healthcare workers
16.07. 2021	Workshop - Hands on ADR reporting
28.07.2021	National CME on Hepatitis B – Mitigation & working towards Elimination
01.08.2021 to 07.08. 2021	World Breastfeeding Week celebration 2021
5.08.2021	CME on world Breast Feeding
12.08. 2021	Workshop - Good Clinical Practice
13.08.2021	IKIGAI- Poster competition on World organ donation day
18.08.2021 to 20.08.2021	Series of Guest Lectures on Infection control & Sample Collection for Nurses as Part of Nursing Development program
24.08. 2021	National Symposium on Diabetic Retinopathy
30.08.2021 to 02.09 2021	Basic Life Support Workshop
3.9.2021	CME on Gynaecological cancer awareness month
07.09. 2021	Guest lecture by Dr. G. Shilpa Reddy on “Newborn screening for Genetic diseases”
13.9.2021	CME program on World Sepsis Day
20.09.2021 to 21.09. 2021	National CME on Vertigo and Imbalance: Path to Equilibrium” organized by the Department
17.09.2021 to 23.09. 2021	National Pharmacovigilance week celebration
9.9.201, 16.09.2021 to 23.09.2021 & 30.09.2021	Paediatrics Sepsis Update 2021 – A 4 part webinar series on Paediatrics Sepsis

1.9.2021 to 30.09.2021	Gynecological cancer awareness month celebration
5.10.2021 to 6.10.2021 & 17.10.2021	Annual International Conference of South India Medico-legal Association
25.10.2021	National Webinar on Front of Package Labelling and Childhood Obesity
25.10.2021	Workshop on Self Breast Examination for Under Graduates
28.10.2021	National CME on Updates in Breast Cancer
28.10.2021	CME onUpdates in Breast Cancer
12.11.2021	CME and hands on workshop - OROGENY
14.12.2021 to 15.12.2021	National Conference on Optimizing the rates of Caesarean section
19.12.2021	Webinar on Emerging Concerns on Post COVID-19 Avascular Necrosis of Femoral Head
12.01. 2022	Oxygen Stewardship programme JHPIEGO
27.01.2022	AVALOKAN and EMBRYON 2022
29.01.2022	CME cum Workshop on Ethos of Behavioural Physiology - Continuum in Translational Research
03.03. 2022	CME on World Hearing Day: To hear for life, listen with care" organized by the Department
15.03.2022	Workshop - Building resilience through a growth mindset for better mental health and emotional well-being
24.03.2022	World TB Day celebration
26.03. 2022	Online CME and workshop on "Advances in molecular genetics and primer designing"
26.03.2022 to 28.03.2022	National Conference on Virology - VIROCON 2021- Theme: "Emerging and Re emerging Viral Diseases - Climate Change Impacts and Mitigation"
21.03.2022 to 23.03.2022 & 28.03.2022 to 30.03.2022	HICC as a part of Swachhta Action Plan
31.03.2022	Virtual symposium - Utilization of generic medicines in India .Where do we stand

16. INSTITUTE COMMITTEES

INSTITUTE ETHICS COMMITTEE	Dr. Madhavi Eerike, Dr. C H Rama Krishna Prasad, Dr. Gomathi R, Legal expert, Social Scientist, Community Layperson	**INSTITUTE RESEARCH COMMITTEE**	Dr.Sangeeta Sampath, Dr. Abhishek J Arora, Dr.Kiran G, Dr. Meely Panda, Dr.Sumitra S, Dr. Debasish, Dr.Mounika, Dr.Balaji
DIGITAL / IT COMMITTEE	Dr. Rohit Saluja, Dr. Rohini Motwani, Dr. M Kalpana, Dr.Neemu Dr. Nabnita Patnaik, Dr. Ashutosh, Dr. Madhusudan, Dr. Geetha	**OFFICIAL LANGUAGE COMMITTEE**	Dr. Abhimanyu Sharma, Dr. Rohit Saluja, Dr. Ashutosh Rath Dr. Pragnesh Parmar, Dr. Abhishek J Arora
LIBRARY COMMITTEE	Dr. Neeraj Agarwal, Dr.Madhuri T, Dr. Naina Kumar, Dr.Meely Panda, Dr. Prashant Mada, Dr. Anish Singhal, Dr. Sumitra S, Dr. Vishakha Jain	**LITERARY COMMITTEE**	Dr. Shailaja Prabhala, Dr. Alka Bhingardeo, Dr. Annapurna S, Dr. Seetu Palo, Dr. Immanuel, Dr. Rama Krishna
INSTITUTION COMPLAINT COMMITTEE	Dr. Gunvanti Rathod, Dr. Shyamala, Dr. Meely Panda, Dr. Sumitra S, Dr. Anish Singhal & Nursing Officer	**HUMAN RESOURCE DEVELOPMENT**	Dr. Rashmi Kundapur, Dr. Nitin John, Dr. Annapurna, Dr. Yadukul S, Dr. Shelam N Sheerin, Dr. Gunvanti Rathod
ANTI-RAGGING COMMITTEE	Director, Dean, DDA, Dr. Praful, Dr. Alka B, Dr. Sumitra S, Dr. Rekha, Dr. Kishore, Sub-Inspector, NGO, Media Person Student and Parent Representatives	**ARCHIVES CELL COMMITTEE**	Dr. Mrudula C, Dr. Prashant M, Dr. Suraj, Dr. Vaman Kulkarni, Dr. Ariyanachi, Dr. Kishore Yadav, Dr. Raja S, Dr. Vijitha
STUDENT MENTORING COMMITTEE	Dr. Shailaja Prabhala, Dr. R Shyamala, Dr. Raja S	**GREEN CAMPUS COMMITTEE**	Dr. Alka B, Dr. Lakshmi Jyoti T Dr. Madhulatha K, Dr. Suraj
HOSTEL COMMITTEE	Dr. Pragnesh Parmar, Dr. Lakshmi Jyoti, Dr. Prafull K, Dr.Vaman Kulkarni, Dr. Madhavi Eerike, Dr. Alka B	**HEALTH CAMP COMMITTEE**	Dr. K Govind Rao, Dr. Neeraj Agaarwal, Dr. Kishore Yadav, Dr. Sai Krishna, Dr. Vishakha Jain, Dr. Debasis Bisoi
PHOTOGRAPHY COMMITTEE	Dr.Prashant Mada, Dr. Seetu Palo, Dr. Sunil Kumar Chavan, Dr.Yuvraj Dr.Yadukul S, Dr.Madhusudan U Dr.Vidya Ganji, Dr. Ashutosh Rath	**CULTURAL COMMITTEE**	Dr. Rashmi Kundapur, Dr. Rekha, Dr. Rohini Motwani, Dr. Kalpana, Dr. Supriya G, Dr. Durgesh P Sahoo, Dr. Rama Krishna, Dr. Madhulatha
EVENT MANAGEMENT COMMITTEE	Dr. Maheshwar L Reddy, Dr.Kalpana, Dr. Saikrishna, Dr.Rohini, Dr.Emine Dr.Meely Panda, Dr.Kishore, Dr.Maley Deepak, Dr. Sandeep	**PLASTIC FREE & CLIMATE FRIENDLY COMMITTEE**	Dr. Rashmi Kundapur, Dr. Supriya G, Dr. Abhishek Arora, Dr. Kishore Yadav, Dr. Seetu Palo, Dr. Ariyanachi K
MEDICAL BOARD	Dr. S Kalyani Dhanalakshmi, Dr. A Syama Sunder, Dr. Nabnita, Dr. Arvind Morya, Dr. Madhulatha Dr. Abhishek Arora, Dr. Namit Singh Dr. Shakthivadiivel, Dr. Siddharth Rao	**SPORTS COMMITTEE**	Dr. A Shyam Sunder, Dr. U Rekha, Dr. Yadukuul, Dr. Prafull, Dr. Sumitra S, Dr. Raja, Dr. Geetha

REPORTS OF COMMITTEES

16.1. Event Management Committee

Name	Designation	Department
Dr. Maheshwar Lakkireddy	Nodal Officer	Orthopaedics
Dr. M. Kalpana	Member	Physiology
Dr. Sai Krishna T	Member	Psychiatry
Dr. Rohini Motwani	Member	Anatomy
Dr. Emine A Rahiman	Member	Paediatrics
Dr. Sunil Kumar Chavan	Member	Microbiology
Dr. Sandeep Garre	Member	Anaesthesialogy
Dr. Kishore Yadav J	Member	CFM
Dr. Maley Deepak Kumar	Member	Orthopaedics
Dr. Meely Panda	Member	CFM

The Committee manages important events of the Institute in coordination with other committees. Some important events organised are**:**

- Visit of Honourable Governor of Haryana on 01.10.2021
- 2nd Annual Day Function, AIIMS, Bibinagar, Hyderabad, 10.03.2022.
- Visit of the Honourable Governor of Telangana on 12.03.2022

a. Visit by Shri Bandaru Dattatreya, Hon'ble Governor of Haryana on 1 October 2021



Address by Chief Guest, Shri Bandaru Dattatreya, Hon'ble Governor of Haryana



Release of Magazine Invictus by Hon'ble Governor of Haryana

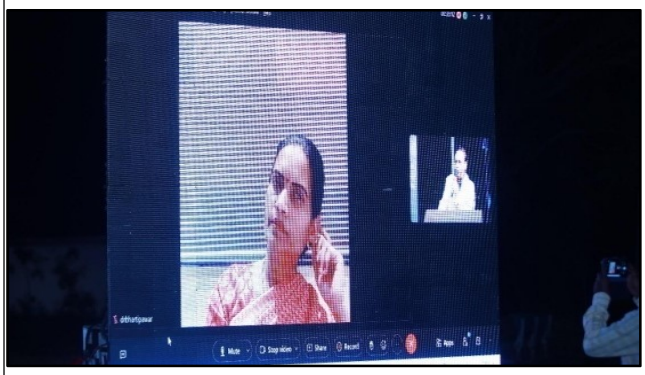


Appreciation to COVID Warriors by the Hon'ble Governor of Haryana



Release of "AIIMS at a Glance-1" by Hon'ble Governor of Haryana

b. 2nd Annual Day Celebration on 10 March 2022

	
Prof (Dr) Vikas Bhatia, Executive Director, Giving keynote address	Chief guest, Dr. (Smt.) Bharati Pravin Pawar, Hon'ble MoS, NoH&FW, GOI, addressing the audience
	
Faculty, students, staff and their families as audience	Prof B J Rao, Vice-Chancellor, University of Hyderabad, honouring the top ranker
	
Executive Director presenting trophy	Students dance performance
	
Students dance performance	Faculty dance performance

c. Visit by Smt (Dr.) Tamilisai Soundararajan, Hon'ble Governor of Telangana and Hon'ble Lt Governor of Puducherry on 12 March, 2022



Address by Chief Guest



Hippocratic Oath and White Coat Ceremony of MBBS Batch 2021

16.2. Employee Health Scheme Committee:

Employees Health Service (EHS) Scheme provides cashless medical/health facilities to all its employees and students on contributory basis. All the beneficiaries under the scheme will be issued with an identity cum EHS card with the Unique EHS number. For the smooth functioning of the EHS committee has been created. The committee members are:

Name	Department	Designation
Dr. Vikas Bhatia	Executive Director	President
Dr. Neeraj Agarwal	CFM	Medical Superintendent
Dr. Arvind Kumar Morya	Ophthalmology	Chairperson
Dr. Kalyani Surya Dhanalakshmi	Anesthesia	Additional Medical Superintendent
Dr. Maheshwar Reddy	Orthopedics	Co-Chairperson
Dr. Sumitra Sivakoti	Pathology	Member Secretary
Dr. Sakhti Vadivel. V	General Medicine	Member
Dr. Ch Ramakrishna Prasad	Anesthesia	Member
Dr. Debasis Bisoi	Pharmacology	Member
Dr. Kamble Bhushan Dattaray	CFM	Member
Dr. Antarvedi Tejaswini	Senior Resident	Member
Mrs.Neetu Aj	Nursing Officer	Member
Ms Reshma Tirkey	Nursing Officer	Member

16.3. Green Campus Committee

Name	Department	Designation
Dr. Alka BhingarDeo	Assistant Prof, Anatomy	Nodal Officer
Dr. Madhu Latha Karra	Assistant Prof, Biochemistry	Additional Nodal Officer
Dr. Lakshmi Jyothi Tadi	Additional Prof, Microbiology	Member
Dr. Surraj S	Assistant Prof, Anatomy	Member

Green Campus Committee Activities:

As per Garbage to Green project initiated by esteemed Executive Director, Prof. (Dr.) Vikas Bhatia, two parks are developed in AIIMS campus on dry, waste, unused land - AIIMS Vatika & Rainbow Park. Dignitaries who visit AIIMS Bibinagar plant a sapling in AIIMS Vatika and name it. These plants are adopted by green campus committee members and developed.

16.4. Health Camp Committee

Name	Designation	Department
Dr. K. Govind Rao	Nodal officer	Associate Prof, CFM
Dr Neeraj Agarwal	Additional Nodal officer	HOD, CFM
Dr. Kishore Yadav	Member	Assistant Prof, CFM
Dr. Vishakha Jain	Member	Assistant Prof, General Medicine
Dr. Sai Krishna. Tikka.	Member	Associate Prof, Psychiatry
Dr. DebasisBisoi	Member	Assistant Prof, Pharmacology

Various health camps are organized by the committee in and around AIIMS Bibinagar, catering to the vulnerable population. Screening, Diagnostics, Curative treatment, Health education, Health promotion and referral services are provided at the camp. Health camp was organised by the Health Camp committee on 14th December 2021 at Primary Health Centre, Bommalaramaram in Yadadri-Bhuvanagiri district. Patients were provided with free health check-up and medicines.

Distribution of patients of 1st Health Camp held at RHTC - Bommalaramaram				
S. No	Department Name	Gender		Total
		Male	Female	
1	General Medicine	71	38	109
2	Orthopaedics	36	24	60
3	Paediatrics	2	25	27
4	ENT	21	14	35
5	CM & FM	17	34	51
6	General surgery	2	3	5
	Total	149	138	287*

*Including referred patients 41

16.5. Information Technology

Name	Designation
Dr Rohit Saluja, Assistant Prof, Biochemistry	Nodal Officer
Dr. Rohini Motwani, Associate Prof, Anatomy	Additional Nodal Officer
Dr M Kalpana, Associate Prof, Physiology	Member
Dr. Nabnita Patnaik, Additional Prof, OBG	Member
Dr. Madhusudan U, Assistant Prof, Physiology	Member
Dr. Geetha S.G, Assistant Prof, Anatomy	Member
Dr. Ashutosh Rath, Assistant Prof, Pathology	Member
Bhasker Rao E	Member
Kushala S	Member

Institutional website (https://aiimsbibinagar.edu.in), supports conduct of online interviews for faculty/ SR/ JR etc. by seamless support for official meetings through Cisco WebEx, Zoom and Google meet and other meeting software solutions. It also provides support for live streaming on YouTube of Annual Day, Official Delegate Visits and regular events. The internet connection is provided through BSNL broadband including wifi through with speed upto 200 mbps from BSNL Optical Network Terminal / Optical Line Terminal (ONTs/OLT) and operates the EPABX system with 50 intercom lines, which the Institute owns. Online conferences, Institute official meetings, online interviews and other internal, external faculty presentations are conducted in Video Conference Room.

Social Media Address: https://twitter.com/AiimsBibinagar

https://www.facebook.com/AIIMSBibinagarHyderabad

16.6. Literary Activity Committee

Members	Posts
Dr Shailaja Prabhala, Additional Prof, Pathology	Nodal Officer
Dr Alka Bhingardeo, Assistant Prof, Dept of Anatomy	Additional Nodal Officer
Dr Seetu Palo, Assistant Prof, Pathology	Member
Dr Immanuel Pradeep, Assistant Prof, Pathology	Member
Dr Madhulata K, Assistant Prof, Dept of Biochemistry	Member
Students	Student members

The first event of Literary Activities was held on 3rd September 2021. There are frequent activities including quiz with rounds such as Spell-bee, Idioms and Phrases, Buzzer round with awards.

16.7. Plastic free campus and Climate Change Committee

Name	Designation	Department
Dr. Rashmi Kundapur	Nodal Officer	Additional Professor, CFM
Dr. Supriya Garapati	Additional nodal officer	Associate Prof, Anatomy
Dr. Abhishek Arora	Member	Additional Prof, Radio Diagnosis
Dr. Seetu Palo	Member	Assistant Prof, Pathology
Dr. Kishore.Y	Member	Assistant Prof, CFM
Dr. Airanachi	Member	Assistant Prof, Anatomy

The plastic free campus and Climate change committee ensures frequent activities to help in creating a campus free of plastic use, keeps the campus clean and environment friendly. Important activities carried out are:

- Celebration of the World Environment Day on June 5th 2021
- Inauguration of ECO-CLUB on July 30th 2021
- Plantation drive on Teacher's Day- mentor mentee, plantation on September 6th 2021

Glimpse of Plantation Drive by Guests at AIIMS Vatika

	
Shri Bandi Sanjay Kumar Garu, Hon'ble Member of Parliament (Lok Sabha) and Institute body member	Smt.Pamela Satpathy IAS District Collector, Yadadri-Bhuvanagiri
	
Dr. George A D'Souza President, AIIMS Bibinagar	Dr Kumaraswamy Thangaraj, Director, CDFD Centre for DNA Fingerprinting and Diagnostics
	
Dr. Anupama Gotimukula and members of American Association of Physicians of Indian Origin (AAPI)	Shri RSS Rao Director, Indian Oil

Events Organized

	
Inauguration Ceremony of 1st Health Camp at PHC Bommalaramaram	Health camp team
	
Release of Official Newsletter Med Communique 2021, by Shri Mansukh Mandavia, Hon'ble Union Minister HFW, GoI, 4 August 2021	26 February 2022 Literary Fest during "Udbhav"
	
Cleaning Drive by Plastic Free Committee.	Provision of Jute bags and Glass bottles by plastic free committee

DEPARTMENTS

DEPARTMENT OF ANAESTHESIOLOGY

1. Highlights

The Department of Anaesthesiology has actively worked towards establishing the operation theatre (OT) complex. The first Operation Theater was inaugurated on 26th August, 2021 by District Collector, Smt. Pamela Sathpathy IAS and it became functional on 16th October 2021 on World Anaesthesia Day. Intensive care unit (ICU) was also established with 10 ICU beds, 5 Ventilators, provision for dialysis and HVAC system on 16th October 2021. As of 15 April, 150 major surgeries in General surgery, Orthopaedics, ENT, Ophthalmology, and Obstetrics & Gynaecology have been completed. OPD services of the department include pre-anaesthetic check ups, pain clinic, post Covid clinics and critical care clinics. Academic endeavours include organising Basic Life support (BLS) workshop from 30th August to 2nd September 2021 to train all the MBBS students, Nursing officers and faculty. A State Level Training of Trainers Oxygen Stewardship Program was organised on 12th January 2022, in co-ordination with the Government of Telangana and USAID – RISE. Faculty of Anaesthesia played a key role in the physical inspection of Telangana oxygen (PSA) plants and coordinating inspection of 34 PSA plants in Telangana and submitted the consolidated report to the Ministry of Health and Family Welfare, Govt. of India (Nov 2021). World Sepsis Day on 13th September 2021 was celebrated at Bommalaramaram PHC with the goal to create awareness among school children on the importance and proper method of hand hygiene through a skit by doctors and nursing officers along with an interactive hand wash session to show the effectiveness of hand wash techniques using an ultraviolet light.

2. Faculty





Dr. S. Kalyani Surya DhanaLakshmi
Additional Professor & HoD
Experience: 12 years



Dr. Ayya Syama Sundar
Additional Professor
Experience: 14 years



Dr. Kiran Kumar Gudivada
Associate Professor
Experience: 7 years



Dr. Ch. Rama Krishna Prasad
Assistant Professor
Experience: 4 years



Dr. Sandeep Garre
Assistant Professor
Experience: 4 years

3. Residents and staff:

Senior Residents	Junior Residents	Staff Nurses	OT Technicians
4	2	16	2

4. ACADEMICS

4. 1. Teaching: Imparting training to MBBS students

4.2. Conferences/CME/Workshop/Guest Speakers:

i. Guest Lectures delivered:

Dr. S Kalyani Surya Dhana Lakshmi

1. Working Principle of Vaporizer at ISA PG Teaching Program, 04th April, 2021
2. Heart Rate Variability and Anaesthesiaat TISACON, Warangal, 7th November, 2021
3. Airway Assessment at Difficult Airway Workshop, 19th December, 2021
4. Physics of Ultrasound at USG Guided Blocks Hands-on Workshop, 26 September, 2021
5. EPPT (Examination Preparation Program of Telangana) Osmania Medical College
6. Viva Voce: Spinal and Epidural Needles and ETCO2 on 13 March,2022

Dr. Ayya Syama Sundar

1. IACTACON 2022, (25th Annual National Conference of Indian Society of Cardio-Thoracic Anaesthesiologists) conference, held at Madurai. Topic: Panel discussion on Aortic Dissection management and attended the regional anaesthesia for cardiothoracic surgery workshop & TTE workshop on 24/03/2022-27/03/2022
2. EPPT-2022, Examination preparation program of Telangana, at Hyderabad. Topic: Management of Ischemic Heart Disease patients for non-cardiac surgery on 12/03/2022
3. State Level Training of Trainers on Oxygen Stewardship Program, in coordination with Gov Telangana and USAID – RISE, Topic: "Brief on Pressure swing adsorption (PSA) oxygen generating plants" and co-ordinated the demonstration of oxygen therapy on 12/01/2022
4. ISACON Telangana 2021, 6th Annual State Conference of Indian Society of Anaesthesiologists at Warangal. Topic: "rescue perioperative echocardiography" On 6th and 7th November 2021.
5. webinar organised by Association of cardiac anaesthesiologist (ACA) A.P. and Telangana chapter, Topic: "Update to the Clinical Practice Guidelines on Patient Blood Management" on 04/12/2021
6. BLS workshop, at AIIMS Bibinagar, topic: Team Dynamics, two rescuers Adult BLS & Choking on 30/8/2021 to 2/09/2021
7. Delivered lectures From 17/08/2021- 20/08/2021: development program for nursing officers: AIIMS Bibinagar, Topic: "Ventilator care"

Dr. Kiran Kumar Gudivada

1. ICU Severity Scores and Prognostication in "Peripheral ICU Upgradation Program" (PICUP) programme conducted by NIMS, Hyderabad
2. Faculty training in BLS Workshop
3. Literature Search and Reference management in PG Research Methodology Workshop at AIIMS, Bibinagar
4. State Level Training of Trainers on Oxygen Stewardship Program, in coordination with Gov Telangana and USAID – RISE – 12th January 2022
5. Roadmap on Strategic Road map on Sepsis Stewardship at a community event on World sepsis day, 13 September 2021 at Bommalaramaram PHC

Dr. Ch. Rama Krishna Prasad

1. Monitoring in peripheral ICUs as a part of Strengthening of Peripheral ICUs – ICMR initiative.
2. Chest compressions in BLS workshop from 30th August to 2nd September.
3. Lecture at a webinar organized by Association of cardiac Anaesthesiologist (ACA) A.P. and Telangana chapter on 4th December 2021.
4. Paediatric Basic Life support in BLS workshop from 30th August to 2nd September, 2021.
5. Webinar organized by Association of cardiac Anaesthesiologist (ACA) A.P. and Telangana chapter on 4th December 2021.

ii. Papers presented:

1. **Dr. Kiran Kumar Gudivada** Presented a paper on CRITICARE 2022: Evaluation of Dynamics of Renal Recovery in Covid 19 Patients with Acute Kidney Injury Admitted to Intensive Care Unit – An Observational Study at Ahmadabad from 8/04/2022 - 10/04/2022.
2. **Dr.Ch. Rama Krishna Prasad** Presented a paper on ISACON 2021: Evaluation hydroxyethyl starch on perioperative renal function in below umbilicus orthopaedic surgeries held at Ahmadabad from 25/11/2021- 28/11/2021.

5. FACILITIES AVAILABLE IN THE DEPARTMENT:

- Operation Theatre services
- Pre-Anaesthetic Check Up Clinic
- Post Operative Recovery Unit
- Peri operative Ultrasound and Echo Imaging
- Pain Clinic
- Intensive Care Unit
- Post Covid Clinic

6. RESEARCH

6.1 Publications:

1. Renganathan V, **Dhanalakshmi KS**, Nanda A, Gopinath R. Severe haemolytic anaemia in COVID 19- A rare manifestation. Indian J Anaesth. 2021 Jun;65(6):489–90.
2. **Dhana Lakshmi SKS**, **Ramakrishna CK**, SatyaSree D, Prakash PV. Evaluation of the accuracy of vibration sense with VibraTipTM as a tool to determine the level of anesthesia following subarachnoid block and its correlation with the pinprick sensation. J Anaesthesiol Clin Pharmacol. 2021 Mar;37(1):97–101.
3. Nanda A, **Sangineni KSD**, Pakhare V, Ramchandran G. Comparative Evaluation of Efficacy of Preventive Analgesia with Diclofenac and Buprenorphine Patch versus Single Diclofenac Patch for Postoperative Pain following General Anesthesia for Laparoscopic Cholecystectomy. Anesth Essays Res. 2020 Sep;14(3):428–33.
4. Chandrasekhar CN, **Lakshmi* SKSD**, Prasad CR, **Garre S**, **Ayya SS,** Bhatia V. Role of oxygen concentrators in covid pandemic. Indian J Clin Anaesth. 2021 Oct 15;8(4):23–8.
5. Ramachandran G, Prasad CHRK**, Garre S**, Sundar AS. Oxygen Management in Heart Failure Patients. Indian J Clin Cardiol. 2022 Mar 2;26324636221081584.

6. Borde D, Chidambaram K, **Sundar AS**, Kulkarni V, Jasapara A, Shetty V, et al. Normative Transesophageal Echocardiographic Values of Cardiac Structures in the Indian Population-Indian Normative TEE Measurements (INTEEM) Study. J CardiothoracVascAnesth. 2022 Jan;36(1):184–94.
7. Kireeti A, Jonnavithula N, Sundar AS, kar A kumar, Prashanth NVSSK, Shiva priya K, et al. Effect of pre-extubation low-dose fentanyl on attenuation of haemodynamic response and quality of extubation: A prospective randomised trial. Trends Anaesth Crit Care. 2021 Aug 1;39:44–8.
8. Kar AK, **Sundar AS**, Mounika E. Anaesthetic management of maxillofacial surgeries: A cross-sectional survey to analyze current trend of practices. Indian J Clin Anaesth. 2021 Jun 15;8(2):331–4.
9. A Questionnaire Survey on Usage of Aerosol Boxes: An Indian perspective [Internet]. [cited 2022 May 27].
10. **Gudivada KK**, Roy C, Varma MMK. Lance-Adams Syndrome after Cardiac Arrest. Neurol India. 2022 Jan 1;70(1):166.
11. **Gudivada KK**, Kumar A, Shariff M, Sampath S, Varma MM, Sivakoti S, et al. Antioxidant micronutrient supplementation in critically ill adults: A systematic review with meta-analysis and trial sequential analysis. Clin NutrEdinbScotl. 2021 Mar;40(3):740–50.
12. Moningi S, Reddy GP, Nikhar SA, **Chikkala R**, Kulkarni DK, Ramachandran G. Comparison of the influence of low dose etomidate and propofol as priming dose on the incidence of etomidate induced myoclonus: a randomised, double-blind clinical trial. Braz J Anesthesiol Elsevier. 2022 Apr;72(2):261–6.
13. Devarakonda BV, **Garre S**, Suneel PR, Babu S, Koshy T. To Be Removed or Not? Intraoperative Transesophageal Echocardiography Evaluation of Coronary Ostial Stent Protruding Into the Aorta. J CardiothoracVasc Anesth. 2022 Jan;36(1):226–30.
14. Tikka SK, Malathesh BC, Arora AJ, Murthuza S, **Garre S,** Jain V. A Case of Acute-Onset Post-COVID Delusional Parasitosis: A Manifestation of a Possible Neuro-COVID or of COVID Infodemic? Indian J Psychol Med. 2022 Mar 1; 44(2):201–2.

6.2. Books / Chapters

Name of the faculty	Authorship	Publication	ISSN
Dr. Kalyani Surya Dhana Lakshmi	Chapter: Transdermal Fentanyl Patch as a Component of Multimodal Analgesic Regimen for Acute Postoperative Pain - New horizons in Medicine and Medical Research	BP International	978-93-5547-344-8
Dr. AyyaSyama Sundar Dr.Ch. Rama Krishna Prasad	Co-authors for chapter: Anesthesia for Patients Undergoing Coronary ArteryBypassGrafting;published: 2 November 2021	Jaypee Brothers Medical Publishers (P) Ltd	9789354652042

6.3. Funded Projects:

Intramural (Funded)

Investigators Name	Role	Title of the Project	Status
Dr. Kiran Kumar Gudivada Dr. S. Kalyani Surya Dhanalakshmi Dr. AyyaSyama Sundar Dr. Ch. Rama Krishna Prasad Dr. Sandeep Garre	PI Co-PI Co-PI Co-PI	Association between post COVID respiratory dysfunction and new onset anxiety disorders.	Ongoing
Dr. Ch. Rama Krishna Prasad Dr. Kiran Kumar Gudivada Dr. S. Kalyani Surya Dhanalakshmi Dr. AyyaSyama Sundar Dr. Sandeep Garre	PI Co-PI Co-PI Co-PI	Evaluation of Micronutrients levels in patients with Post Covid musculoskeletal manifestation	Ongoing
Dr. Sandeep Garre Dr. Ch. Rama Krishna Prasad Dr. Kiran Kumar Gudivada Dr. S. Kalyani Surya Dhanalakshmi Dr. AyyaSyama Sundar	PI Co-PI Co-PI Co-PI	Long Covid phenomenon and its association with deranged coagulation.	Ongoing
Dr. Kiran Kumar Gudivada Dr. S. Kalyani Surya Dhanalakshmi Dr. AyyaSyama Sundar Dr. Sandeep Garre	PI Co-PI Co-PI Co-PI	Evaluation of Micronutrients levels in patients with Post Covid musculoskeletal manifestation	Ongoing

6.4. Non-Funded Projects:

Investigators Name	Role	Title of the Project	Status
Dr. Kiran Kumar Gudivada	PI	1. Lanes Adams Syndrome – A Scoping review 2. Post intubation tracheal stenosis– Systematic Review	Ongoing

7. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

Dr.Kiran Kumar Gudivada: International Poster of Distinction at International ASPEN Nutrition Science & Practice Conference March 19–23, 2021, Virtual Conference USA for a research project titled: "A Bayesian Multiple Treatment Comparisons Meta-analysis of Antioxidant Micronutrient Supplements for Adult Critically Ill Patients"

8. PATIENT CARE / HOSPITAL SERVICES:

Type of Services/ Facilities provided by the department	Number of patients covered
PAC clinic	271
Pain Clinic	81
Post Covid Clinic	176
Major OT	150
ICU	31

9. MAJOR EVENTS OF THE DEPARTMENT

1. Basic Life Support (BLS): A total of 275 delegates had hands-on experiencein Basic life support which included 130 students, 84 nursing officers, 31 faculties, 30 Residents.
2. AIIMS Bibinagar conducted two programs on 13th September and 15th September on the occasion of World Sepsis day.On 13th September 2021- A CME was organised for all the faculty and nursing officers.
3. The Sepsis Research Groupon 15th September 2021 went to the community at PHC, Bommalaramaram and conducted an awareness program related to hand & water hygiene with skit demonstration by doctors and nursing officers. Mothers from the village with their children and JP high school students attended the program.



13 – 15 September 2021
Sepsis Awareness Programme



BLS
Hands on Programme

DEPARTMENT OF ANATOMY

1. Highlights

The Department of Anatomy has eight faculty who are involved in academics like teaching and training undergraduates, postgraduates and in research activities. Teaching methods include a combination of traditional and multimedia based virtual teaching. Technically advanced teaching methods and media including demonstration and projection of histology slides via trinocular research microscope and live demonstration of real-time cadaveric dissection or synthetic cadaver demonstration via remotely placed LCD screens is now being used. Assessment not only in the form of regular assignments, but through quizzes, poster competitions, group activities, etc were conducted. Faculty attended national and international conferences, CMEs and Workshops

2. Faculty and Residents



 **Dr.Mrudula Chandrupatla** Additional Professor & HoD Experience: 15 Years	 **Dr.SupriyaGarapati** Associate Professor Experience: 12 Years	 **Dr. Rohini Motwani** Associate professor Experience: 9 Years	 **Dr. Alka Bhingardeo** Assistant Professor Experience: 6 Years
 **Dr. Geetha S. G.** Assistant Professor Experience:7 Years	 **Dr.Surraj S** Assistant Professor Experience:5 Years	 **Dr. K. Ariyanachi** Assistant Professor Experience: 4 Years	 **Dr.Ravi .P** MD student

3. Staff in department: Store Keeper -1 and Lab Attendants – 4

4. ACADEMICS

4.1. Teaching for MBBS

Total Hours of Theory classes	Total Hours of Practical Classes	Total Number of Examination
Online + Physical - 248	Dissection – 332; Histology - 42	8- Theory 5- Practicals

4. 2. Conferences/CME/Workshops/Guest Speakers:

i. Conferences/CME/Workshops organised:

1. Edification – Novel approach in learning Anatomy at AIIMS, Bibinagar on 28.5.21
2. Webinar – Motivation –POW WOW at AIIMS, Bibinagar on 11.6.21
3. Student Seminar at AIIMS, Bibinagar on 9.8.21
4. IKIGAI- Poster competition World organ donation day at AIIMS, Bibinagar on 13.8.21
5. Vertical Integration - Thyroid Gland at AIIMS, Bibinagar on 16.8.21
6. PG Inspection at AIIMS, Bibinagar on 23.8.21
7. Anatomy – Orogeny at AIIMS, Bibinagar on12.11.21
8. AVALOKAN – Foundation Day EMBRYON 2022 at AIIMS, Bibinagar on 27.1.22
9. White coat ceremony -2021 Batch at AIIMS, Bibinagar on 12.2.22

ii. Guest Lectures delivered:

Dr. Mrudula:

1. Human Anatomy at Telangana Judicial academy on 1st &2/2/21.
2. Communication skills at Glocal academy on 23-5-21.

Dr. Supriya

1. A study on Thoracic splanchnic nerves: Anatomo surgical appraisal at AIIMS Bibinagar on 9.4.2022

Dr. Rohini

1. Innervation of the wrist joint: literature review and clinical implications at AIIMS Bibinagar on 10.2.22.
2. COVID-19 Vaccine Hesitancy: Relevance to Pregnancy' Symposium (COVID-19, pregnancy and mental health) of psychiatry department at AIIMS, Bibinagar (Hyderabad) on 15th July 2021.
3. "Protocol on Body Donation during COVID 19 Pandemic'. at the 14th Annual International Conference of NATCO and 31st Annual Conference of the Indian Society of Organ transplantation, ISOT, Kochi on 9th-10th October 2021.

Dr Surraj S:

1. Anatomical Basis of muscular dystrophies as part of horizontal integration for first year MBBS students at AIIMS Bibinagar on 22.3.2021.
2. Legal aspects of body / organ donation and embalming / preservation of organs and cadavers – online – WebEx at AIIMS Bibinagar on 19 Jan 2022.
3. Retinal histology and relevant stem cells involved in retinal renewal at AIIMS Bibinagar on 21/08/2021.
3. Lymphatics of the Central Nervous System at AIIMS Bibinagar on 18/09/2021.

Dr. K. Ariyanachi delivered a lecture on Stem Cells at AIIMS Bibinagar on 01.12.2021.

Dr. Alka Bingardeo delivered a lecture on Anatomical evaluation of venous drainage of liver by multi-slice spiral CT scan at AIIMS Bibinagar on 28.08.21

iii. Papers presented

Dr. Mrudula Chandrupatla

1. Presented Effectiveness and perception of concept maps in learning anatomy Among first MBBS students – Poster Presentation at Virtual International Conference for Health Professions Education Era (Lucknow) & Al –Sadiq International University (USA) on 6.4.21
2. Poster on Dermatoglyphics in cleft lip and cleft palate – Poster at Anatomical society summer meeting University of Glasgow on 8.7. 21.
3. Bibliometric analysis of articles published in the field of Anatomy under Regional society of anatomists of Andhra Pradesh and Telangana during 2010-2021 – Oral at AVEOCON Teerthanker Mahaveer University, Moradabad on 9.7.21.
4. Poster on IKIGAI – Live beyond death Poster at MEDUCON 2021 JIPMER on 3.9.21.
5. Histomorphological changes induced by Cyclophosphamide in chick embryo cerebrum – Oral at NATCON 22 King George medical university, Lucknow on 29.1.22.

Dr Surraj S

1. Poster on Transposons – A Boon or Bane (poster) at PANBIOCON 2021 at Sri Balaji Medical College, CHENNAI online mode on 26 th June 2021.
2. Determination of safe sites of intramuscular injections and its relevance to the community – oral – accepted for publication in their journal not presentation at FIRSMT – FICAA 2022 - Federal UNIVERSITY OF KAZAN, RUSSIA online on 10, 11 Feb 2022.

Dr. K. Ariyanachi

1. A STAD approach to Peer Assisted Learning in Neuroanatomy at JIPMER, Meducon on 3rd September, 2021.
2. Morphometric analysis of Internal Acoustic Meatus by 3D CT imaging at FIRMST International Conference on Applied Anatomy on 11th Feb 2021

Dr. SupriyaGarapati

1. The impact of training to improve knowledge and preparedness on BLS among Medical students, Nursing officers and Residents to attain peak performance- a cross sectional observational study at AIIMS Bibinagar on XIIth National Conference of Health Professionals Education on 26-30th Oct 2021.

Dr Rohini Motwani

1. A 'CD68 Expression and Iron Uptake in the Placenta of Gestational Diabetic Mothers: A Case Control Study' In CME and 3rd Annual Conference of North Chapter of Anatomists Society (NCAS), organized by Department of Anatomy, PGIMER, Chandigarh on 17th Sep 2021.
2. A 'Congenital Cystic Adenomatoid Malformation of the Lung: Embryological Review' at AVEOCON – 2021 Conducted by Teerthanker Mahaveer University Under aegis of UP – Chapter ASI (Anatomical Society of India) on 10th July 2021.

iv. Fellowships: Dr. Mrudula Chandrupatla – FAIMER Fellowship

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. Embalming facility, Gross dissection lab
2. Histology lab, Synthetic cadaver
3. Digital microscope

6. RESEARCH

6.1 Publications

1. Deshmukh V, **Motwani R**, Kumar A, Kumari C, Raza K. Histopathological observations in COVID-19: a systematic review. J Clin Pathol. 2021 Feb;74(2):76-83. doi:10.1136/jclinpath-2020-206995. Epub 2020 Aug 18. PMID: 32817204.
2. Tondehal NR, **Motwani R** and Boorla V. Circadian rhythm, sleep, and mood in software engineers and associated use of coping strategies during the covid 19 pandemic: a cross-sectional study. International Journal of Current Medical and Pharmaceutical Research.2021;7 (11):6024-6027.
3. **Motwani R**, Hada V, Deepika G, Taranikanti M. Research at undergraduate level: medical student's perspective. JK Science 2021;23(3):130-137.
4. **Rohini Motwani** and Nikhil RavindranathTondehal. Foundation course: a cross-sectional study of whether this ripple effect will lead to the promised tidal change in the future of Indian undergraduate medical education. International journal of current medical and pharmaceutical research. 7 (02); Feb 2021.
5. Kishve P, **Motwani R**. Morphometric study of fossa ovale in human cadaveric hearts: embryological and clinical relevance. Anat Cell Biol. 2021 Mar 31;54(1):42-50. doi: 10.5115/acb.20.286. PMID: 33691288; PMCID: PMC8017463.
6. Daripelly S, **C Mrudula, B Alka, SSurraj**. A bilateral variant accessory belly of extensor Indicis muscle in posterior compartment of forearm: An anatomical variation. Medpulse International Journal of anatomy. 2021 Mar; 17(3): 21-23
7. Daisy L, **Surraj S**, **Mrudula C,** Sushma P R. Architecture of The Musculus Uvulae – A Review. J Clin Diagn Res.2021 July; 15 (7):01-03
8. **Surraj S**, Daisy L, **Mrudula C,** Sushma D, Sushma P R. A Comprehensive Review on The Architecture of The Upper Labial Frena. Int J AnatRadiol Surg.2021 July
9. **Surraj S**, **Mrudula C**, Bhatia V. A Comprehensive Review on The Benefits And Risks Of Transposons As Mobile Genetic Tools. AJRMMS.2021 Oct;3(1):78-83
10. **Ariyanachi Kaliappan**, S V, Manivasagam S, et al. (December 02, 2021) Topographical Landmarks for the Identification of Branches of Mandibular Nerve and its Surgical Implications: A Cadaveric Study. Cureus. 13(12): e20120. DOI 10.7759/cureus.20120
11. Sushma Rao P, Lakshmi DJ, **Chandrupatla M,**Vinodini L, **Ariyanachi K**. Morphometry of Corpus Callosum in South Indian Population. Annals of Neurosciences. 2021; pg:1-6. DOI: 10.1177/09727531211059892
12. Archana Gaur, **Ariyanachi Kaliappan**, Yuvaraj Balan, Varatharajan Sakthivadivel, Kalpana Medala, Madhusudhan Umesh. Sleep and Alzheimer: The Link. MAEDICA – a Journal of Clinical Medicine. 2022; 17(1): 144-152

13. Lakshmi J. Tadi, Srinivasa Rao Chunchu, Srinivas M, Saranya Mallamgunta, Ushasree Ravula, **Ariyanachi K**, et al. Screening of Asymptomatic Healthcare Workers for SARS-COV-2 for Occult Infections: A Cross-Sectional Study. Cureus 2021; 13(11): e19341. DOI 10.7759/cureus.19341
14. Jyothi L, **K Ariyanachi**, M S, et al. (January 11, 2022) Audits of Antimicrobial Usage in a Tertiary Care Center in Hyderabad. Cureus 14(1): e21125. doi:10.7759/cureus.21125
15. **K Ariyanachi**, TadiLJ et al. Vector-Borne Diseases amidst COVID-19 Pandemic in India – A Mini-Review MAEDICA – a Journal of Clinical Medicine. 2022; 17(1): 21-24
16. A. RADHIKA, Jyothi TadiLAKSHMI, **Kaliappan Ariyanachi**, Sakthivadivel VARADARAJAN. Detection of Metallo Beta Lactamase producing Pseudomona Aeruginosa at a teriary care hospital, Ghanpur, Medchal. MAEDICA – a Journal of Clinical Medicine. 2022; 17(1): 151-159
17. Tadi LJ, Uma B, **Ariyanachi K** and Reddy NC (2021) Disseminated Blastomycosis: A Case Report. J Case Rep Stud 9(2): 204
18. SarvaKamalakar, **Ariyanachi K**, Tadi LJ et al. Prevalence and antimicrobial susceptibility of non-fermenting Gram-negative bacilli (nfgnb) isolated from clinical samples at a Tertiary care hospital. Int. J. Sci. Res. 2022; 11(3): 2277 - 8179
19. **Ariyanachi K**, Lakshmi Jyothi Tadi*, Vidhya Meena S, ShaziaNaaz, Sivakumar M, Sakthivadivelu. Arthritis drug Tocilizumab - Lifesaving? off-label? – A review. International Medical Journal. 2021, 28(08), 5681-87.
20. **Ariyanachi K**, Lakshmi Jyothi Tadi, Saranya M, Praveen Pissude. Incidence of catheter-associated urinary tract infection in a tertiary care hospital. Merit research journal of Microbiology and Biological Sciences. Volume 9(4). pp. 036-043, September, 2021 Tertiary Care Hospital
21. **Ariyanachi K**, Lakshmi JyothiTadi, Vidhya Meena,Supriyagarapati. Understanding Mucormycosis amidst COVID-19 Pandemic – A Review. International Medical Journal; Volume 28, Issue 08, August, 2021.pg;5569-5577
22. **Ariyanachi K**, Lakshmi Jyothi Tadi, SupriyaGarapati and Pravin Pissude. Plant-based Vaccines for SARS-CoV-2 Novel CoronaVirus - A Review. Acta Scientific Women's Health; Volume 3 Issue 10 October. 2021
23. **Supriyagarapati**, Lakshmi Jyothi T, **Ariyanachi K**, Pravin P. COVID 19 and Alcohol- a review. Acta Scientific Medical Sciences.5.10(2021):125-130
24. **SupriyaGarapati**, **Ariyanachi K***, Lakshmi Jyothi T, Sivakumar M. A review on recent advancements of Covid 19 vaccines. International Medical Journal. Volume 28: Issue 8. pages: 5657-5673

25. **Ariyanachi K**, Surya Kartik, Lakshmi Jyothi T, N murthy, Saranya M. Towards continuous quality improvement in an Accredited hospital. International Medical Journal. Volume 28, Issue 08, August, 2021. Pg:5579-5599
26. **Alka Bhingardeo**, **Mrudula Chandrupatla.** Bilateral double foramen transversarium in cervical vertebra. MedPulse International Journal of Anatomy. December 2021; 20(3): 30-32.
27. **Alka Bhingardeo**, **Mrudula Chandrupatla.s** of musculocutaneous nerve and it'sclinicalsignificanseresearchandreview. MedPulse International Journal of Anatomy.2022; 22(1): 1-3
28. **Alka Bhingardeo**, **MrudulaChandrupatla**.Unique anomalous terminal branching pattern of facial nerve. MedPulse International Journal of Anatomy. March 2022; 21(3): 30-33
29. **K Ariyanachi**, TadiLJ et al. Vector-Borne Diseases amidst COVID-19 Pandemic in India – A Mini-Review MAEDICA – a Journal of Clinical Medicine. 2022; 17(1): 21-24.
30. Anjum A, Pandurangam G, **Garapati S,**Bandarupalli N, Rabbani H, Divya P. Morphology and morphometric study of occipital condyles. Int J Anat Res. 2021;9(1.3):7905-11.

6.2 Books / Chapters

Authorship	Publication	ISBN
Dr.MrudulaChandrupatla - Editor	BD Chaurasia-Text book of Anatomy – 4 Volumes	978-93-88902-73-1
Dr. Rohini Motwani - "Gene Cloning and Vectors"	The Book Title: DNA and RNA Isolation Techniques for Non-Experts	Hardcover ISBN: 978-3-030-94229-8 Series
Isolation of DNA from Blood Samples by Salting Method" – Dr.Rohani Motwani	Series Title: Techniques in Life Science and Biomedicine for the Non-Expert DOI:10.1007/978-3-030-94230-4 Publisher Name: Springer, Cham	ISSN: 2367-1114 Edition Number: 1, Year: 2022
Applications of DNA Sequencing Technologies for Current Research – Dr. Rohini Motwani	Series Title: Techniques in Life Science and Biomedicine for the Non-Expert DOI:10.1007/978-3-030-94230-4 Publisher Name: Springer, Cham	ISSN: 2367-1114 Edition Number: 1, Year: 2022

6.3 Research Projects:

i. **Extramural** [Funded]

Investigators Name	Role	Funding Agency	Title of the Project	Status
Dr. Alka Bhingardeo	PI	ICMR	Multi-slice spiral CT study of surgical anatomy of hepatic veins - application in living live donor liver transplantation	Ongoing

ii. Intramural [Funded]

Investigators Name	Role	Title of the Project	Status
Dr. Supriya Garapati	PI	Genetic epidemiology of Familial Hypercholesterolemia in YadadriBhongir district and neighboring districts of Telangana state – A pilot study	Ongoing
Dr. Rohini Motwani	PI	Histological Grading of Cartilage in Osteoarthritis of the Knee Joint and its Association with Metabolic Syndrome	Ongoing

Dr. Alka Bhingardeo	PI	Anatomical evaluation of venous drainage of liver and it's associated variations by corrosion cast method	Ongoing

iii. Intramural [Non-Funded]

Investigator's Name	Role	Title of the Project	Status
Dr. Mrudula Chandrupatla	Co-PI	Image based, Gender specific analysis of Proximal Femoral morphometry	Ongoing
	Co-PI	Image based morphometric measurements of femoral and tibial condyles	
	Co-PI	Morphometric analysis of mandible over three dimensional reconstructed CT images	
	Co-PI	The Effect of Static Workplace Stretching on the Balance in students with a Single Leg Balance Test and Berg balance scale	
Dr. SupriyaGarapati	PI	"Effectiveness Of Integrated Teaching Methodology in Comparison to Traditional Teaching Among First MBBS Students	Completed
	PI	Assessment of the effectiveness of basic life support training on the knowledge and skills among medical students, nursing officers and residents - an observational study	Ongoing
Dr. Rohini Motwani	PI	A Survey of Reluctance and Forbearance of COVID-19 Vaccination Among Pregnant and Lactating Mothers"	Ongoing
	Co-PI	Face mask in COVID-19 and its association with Dry Eye disease: A Cross Sectional Study"	
	PI	Variant Pectoralis Minor muscle: A Case Study with Clinical relevance	
Surraj S	PI	Determination Of Safe Sites Of Intramuscular Deltoid Injections And Its Relevance To The Community	Completed
Dr. K. Ariyanachi	PI	Implementation of team-based learning techniques in learning Human anatomy	Ongoing

7. DEPARTMENT ACHIEVEMENTS:

NAME	TOPIC	CATEGORY	CONFERENCE	DATE
Dr. Mrudula C	FAIMER	Medical education	CMCL	May 2021
Dr. Supriya Garapati	2nd Prize for Research Paper presentation	Gross Anatomy	First International Conference on Applied Anatomy	10 &11 February 2022
	Completed Advanced Course in Medical Education (ACME)	Medical Education Technologies	From JNMC Belagavi, Nodal Centre for ACME	11th September 2021
	Selected as Expert Anatomy Member for ICMR Adhoc Extramural Projects	Basic Sciences, Anatomy	ICMR, New Delhi	11 January 2022

8. MAJOR EVENTS OF THE DEPARTMENT WITH PHOTOGRAPHS

	**Webinar: MOTIVATION - POW WOW**
PG Inspection	
	**Body donation program** IKIGAI- Poster competition World organ donation day
3D ORGANON Virtual Anatomy	
	AVALOKAN Foundation Day - EMBRYON 2022

DEPARTMENT OF BIOCHEMISTRY

1. Highlights

The Department of Biochemistry envisions being a global centre of excellence in the discipline of Medical Biochemistry and Metabolic Medicine by imparting in-depth knowledge to the students, facilitating research activities of highest standards and catering quality laboratory services for patients. The department has seven faculty members who have versatile research and teaching experience in premier institutions of India and abroad. Research is taken up in a broad spectrum of areas such as pulmonary diseases, cardiovascular diseases, non-alcoholic fatty liver disease, in-born errors of metabolism and bioinformatics. The primary mission is to achieve excellence in the field of Medical Education, Diagnostic Clinical Laboratory Services and Interdisciplinary research. The pass percentage for MBBS 2020 batch was 100, with 29 first class and 9 distinctions. The department has started post graduation course (MD) in Biochemistry with two students per session. An Immuno-assay laboratory has been established. Many special investigations such as thyroid profile, anemia profile, PSA and Hb Variant analysis have been added to existing tests.

2. Faculty and staff



 **Dr. Sangeetha Sampath** Professor &HoD Experience: 21 Years	 **Dr. Aparna Verma Bhongir** Additional Professor Experience: 21 Years	 **Dr. Anand Pyati** Associate professor Experience: 11 Years	 **Dr. Madhulatha Karra** Assistant Professor Experience: 6 Years
 **Dr. Rohit Saluja** Assistant Professor Experience: 12 Years	 **Dr.SailuYellaboina** Assistant Professor Experience: 16 Years	 **Dr.Yuvaraj B** Assistant Professor Experience: 7 Years	 **Dr. Rohit Kumar** Senior Resident Experience: 3 Years
 **Dr. Shyam Krishnan. R** Senior Resident	 **Dr. Anudeep** Senior Resident	 **Dr. Susan Joyce** MD student	 **Dr. Sushmi Rekha Panda** MD student

3. Staff: 5 Lab technicians: 2 staff

4. ACADEMICS

4. 1. Teaching

i. MBBS

Theory classes (Hours)	121
Practical Classes (Hours)	97

ii. Teaching Learning Methods Adopted

a. MBBS

Small group discussion (SGD), Self directed learning (SDL)
Problem based learning (PBL), Case based discussion (CBD)
Seminars.

b. MD Biochemistry

The PG course started on 1st February, 2022. Two PG students were admitted.

Training schedule is as follows

Day	9-10 am	10-11 am	11-01 pm	1-2 pm	2-3 pm	3-5 pm
Mon	Clinical Lab	Clinical Lab	UG Practical	Lunch	Theory class	Thesis work
Tue	Theory class	Clinical Lab	UG Practical	Lunch	Thesis work	
Wed	Clinical Lab		UG Practical	Lunch	PG practical	
Thu	Clinical Lab	Theory class	Tutorials	Lunch	PG practical	
Fri	Theory class	Clinical Lab	Clinical lab	Lunch	Journal club	
Sat	Seminars / CBD	Clinical lab				

iii. Examination & Assessment: I MBBS regular Examinations 2020-21 batch

Total Number of exams conducted	**5**
Pass percentage	100
First Classes	29
Distinctions	9

4.2. Conferences/CME/Workshops/Guest Speakers:

Dr. Aparna Verma

1. Served as Judge for e-poster session and participated in the 28th National conference of Association of Medical Biochemists of India, from 2nd to 5th December 2021. “Molecular Ingress in the realm of Modern diagnostics” organized by Department of Biochemistry, AIIMS Raipur in Hybrid mode. And attended workshop on workshop on – “Cell Culture – Gateway to life Science Discoveries”. On 2nd December 2021.

Dr Anand Pyati

1. Successfully completed NMC recognized “Basic Course in Biomedical Research” conducted by ICMR in April 2021.

2. Completed the online course on "Grant Management for Health and Social Science Researchers" from 1st April 2021 to 30th April 2021 conducted by St. John's Research Institute, Bangalore.

Dr. Madhu LathaKarra

1. Completed NMC recognized "Basic Course in Biomedical Research" conducted by ICMR in April 2021.
2. Presented a poster on "Liquid Biopsy: A promising tool in precision diagnostic oncology" at the national conference held at AIIMS, Raipur on 3rd Dec 2021.

The department organized "Online CME & Workshop on Advances in Molecular Genetics and Primer Designing" under the aegis of Association of Medical Biochemists of India (AMBI) – Telangana Chapter on the occasion of Second Foundation Day of Department of Biochemistry, AIIMS, Bibinagar on 26th March 2022.

i. Guest Lectures delivered

Dr. Sangeetha Sampath

Stress management - from burn out to joy: Medical students at BJ Medical college and AFMC, 2nd September, 2021

Dr. Aparna Verma

"One carbon metabolism " in CME organized by Department of Biochemistry at Chettinad Hospital &Research Institute on 31 July 2021, from 8:30am to 10:30am on Zoom platform.

Dr Anand Pyati

"Biochemical Perspectives of Non-alcoholic Fatty Liver Disease" in international e-CME on 26th Feb 2022 held at Gadag Institute of Medical Sciences, Gadag, Karnataka.

Dr. Madhu LathaKarra

1. "Evidence on vitamin D immunomodulation" in an International Webinar on "Indian evidence on high dose vitamin-D in COVID-19".
2. "Vitamin D endocrine system" at AIIMS, Bibinagar

Dr. Yuvaraj. B

International CME on **"Liver metabolics and disorders**" on 26th February 2022, GIMS Gadag

Dr Rohit Saluja

1. Research Paper writing, Symbiosis Professional university, 24 April 21.
2. SARS-COV2 / Covid -19 Diagnosis by Real Time PCR, Conference: Trends in Modern and Traditional Medicine,ParulUniversity. 10 June 22.
3. Resource person to conduct National Training and workshop on "Bioinformatics Tools and Techniques organized by Depart of Life sciences and biological sciences, IES University Bhopal, 9 to 14 August 21
4. Resource person to conduct Primer Design Workshop during Online CME and Workshop on "Advances in Molecular Biology and Primer Designing" under the aegis of Association of Medical Biochemists of India (AMBI), on the occasion of 2nd Foundation Day of department of Biochemistry AIIMS Bibinagar, 26 March 2021
5. Genome sequencing with reference to COVID 19, CME on Genome sequencing pattern of changes in variants of Covid 19 and its management, February 22 , 2022, organized by Bundelkhand Medical College Sagar
6. Real Time PCR in Diagnosis of Covid 19 conducted with Microbiologist society of India (MSI), 05 March 2022
7. Resource person in a Research Methodology workshop for PG students and delivered a lecture on Plagiarism detection software.

Dr. SailuYellaboina

8. "Recent Developments in Computational Biology faculty development program organized by NIT Warangal (21st February – 2nd March 2022).
9. Chemoinformatics using R, in the conference (Biomedical Data Science and Drug Discovery course) organized by FABA, July 14, 2021
10. Sepsis diagnostics in the era of Omics technologies, organized of sepsis group AIIMS Bibinagar, 13th September, 2021
11. Network medicine - July 2021.

ii. Papers presented:

1. **Dr. Aparna Verma** Presented a poster on "Liquid Biopsy: A promising tool in precision diagnostic oncology" at national conference held at AIIMS, Raipur on 3rd Dec 2021.
2. **Dr Anand Pyati**, presented a poster on "Liquid Biopsy: A promising tool in precision diagnostic oncology" at national conference held at AIIMS, Raipur on 3rd Dec 2021.
3. **Dr. Madhu LathaKarra** presented (Co-author) a poster on "Liquid Biopsy: A promising tool in precision diagnostic oncology" at national conference held at AIIMS, Raipur on 3rd Dec 2021.
4. **Dr Rohit Saluja** presented a poster on "Elucidating the potential role of Interleukin-33, sST2, and IgE in asthmatic patients" at 47 th National Conference of Association of clinical Biochemists of India and received an award from ACBI India.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. Analytical balance
2. Blood gas analyzer, Erba Chem 5X semi auto analyser
3. Hot air oven, Orbital shaker, Lyophilizer, Electrolyte analyzer
4. Random access medium throughput fully automated chemistry analyzer XL 1000
5. UV Visible Double Beam Spectrophotometer
6. Refrigerated centrifuge, Refrigerated Microcentrifuge, Refrigerator (300-380L)
7. Water Purification System, Autoclave (vertical)
8. Binocular Microscope, Nano spectro bio photometer
9. CO2 incubator, BOD Incubator, Microplate multimode reader
10. HPLC based automated analyzer for HbA1c & hemoglobinopathy testing
11. Chemiluminescent immunoassay (CLIA), pH Meter, Biosafety Cabinet
12. Vertical Deep freezer (-20^0C), Vertical Deep Freezer (-80^0 C)

6. RESEARCH

6.1. Publications

1. **S Sampath**, P Misra, S K Yadav, S Sharma, V Somasundaram, (2021) A study on DNA methylation status in promoter region of p15 gene in patients of acute myeloid leukemia and myelodysplastic syndrome. Med Journal Armed Forces India. Jul;77(3):337-342.
2. SR Santosh, **S Sampath**, A Gupta, A Kumar. Development and validation of LCMS method for determination of Ethyl Glucuronide (EtG) in Urine. Med Journal Armed Forces India. https://doi.org/10.1016/j.mjafi.2021.03.010
3. A Kashyap, **S Sampath**, P Tripathi A Sen. (2021) Sigma Metrics: A Valuable Tool for Evaluating the Performance of Internal Quality Control in Laboratory. J Lab Physicians. Jun 28;13(4):328-331

4. KoppukondaRB, **Bhongir AV**, Bonagiri S. "Prevalence of metabolic syndrome in type 2 diabetes mellitus using WHO, harmonised and CDS definitions: A cross sectional study". European Journal of Molecular & Clinical Medicine, 2022; 9(3): 1591-1598.
5. Koppukonda RB ,**Bhongir AV**, Bonagiri S. Serum leptin concentration in impaired glucose tolerance and recent onset type II diabetes mellitus, relationship with anthropometry and lipid profile. IJHCR, 2022;5(3):468-475.
6. Kagithapu S, Balla PS, **Bhongir AV**, et al. Does cues on mother's face convey the condition of the child in a critical care unit - a prospective cross-sectional study done in the paediatric intensive care unit, MGM Hospital, Warangal. J Evid Based Med Healthc 2021;8(32):2928-2932. DOI: 10.18410/jebmh/2021/535.
7. **Pyati AK,**Khanikekar PK, Shetkar NR, Patil MM, Jaju PB, Karra ML, MohdShannawaz. (2022) Correlation of Cord Blood Glucose, Sodium, Potassium and Calcium Levels with Neonatal Birth Asphyxia: A Hospital Based Study in Rural Karnataka. J Family Med Prim Care.
8. Pragadheeshwaran M, Sankar lingam P, **Balan Y,Pyati AK.** (2022) Comparative study between Vaccum dressing and conventional dressing for chronic non-healing ulcers. Cureus 2022.
9. **Balan Y**, Gaur A, Sakthivadivel V, Kamble B, Sundaramurthy R. Is the Gut Microbiota a Neglected Aspect of Gut and Brain Disorders?.Cureus. 2021 Nov 19;13(11).
10. **Balan Y**, Packirisamy RM, Mohanraj PS. High dietary salt intake activates inflammatory cascades via Th17 immune cells: impact on health and diseases. Archives of Medical Science: AMS. 2022;18(2):459.
11. Ganesan V, Sundaramurthy Sr R, Thiruvanamalai R, Sivakumar VA, Udayasankar S, Arunagiri R, Charles J, Chavan SK, **Balan Y,**Sakthivadivel V. Device-Associated Hospital-Acquired Infections: Does Active Surveillance With Bundle Care Offer a Pathway to Minimize Them?.Cureus. 2021 Nov 7;13(11).
12. Archana G, Ariyanachi K, **Balan Y**, Varatharajan S, Kalpana M, Madusudhan U. Sleep and Alzheimer: The Link. Medica, 2022; 17(1); 144 (Accepted for publication)
13. Pal N, Mavi AK, Kumar S, Kumar U, Joshi MD, **Saluja R**. Current updates on adaptive immune response by B cell and T cell stimulation and therapeutic strategies for novel coronavirus disease 2019 (COVID-19) treatment. Heliyon. 2021 Apr 1;7(4):e06894.
14. Saxena R, Naithani M, **Saluja R.** Diabetes and cancer: Treacherous associations. Journal of Cardio-diabetes and metabolic disorders. 2021 Jul 1;1(2):31.

6.2. Books / Chapters

Authorship	**Publication**	**ISSN**
Dr Rohit Saluja, Co - Author	Book chapter: Present and future challenges in therapeutic designing using computational approaches in the book, Computational Approaches for Novel Therapeutic and Diagnostic Designing to Mitigate SARS-CoV2 Infection, published from **Elsevier**	978-032-39-1172-6
Dr.SailuYellaboina, First and corresponding author	Book chapter: Computational Methods for Drug Repurposing in the book, Biomedical Translational Research, published by **Springer Nature**	978-981-16-9231-4

6.3 Projects

Funded Project:

i. Extramural

Name	Role	Funding Agency	Title of the Project	Status
Dr Anand Pyati	Co-PI	ICMR	ICMR-National registry on Venous Thrombo-Embolic Disorders (i-RegVED) at AIIMS, Hyderabad	Ongoing
Dr. Madhu LathaKarra	Co-PI	ICMR	"Burden of various types of anemia and its association with programmatic treatment outcomes among tuberculosis patients – A multicentric cohort study"	Approved
Dr Rohit Saluja	PI	DBT India	Mechanism and Relevance of IL-33 Mediated Mast Cell Proliferation in Asthma.	Ongoing
	PI	CCRH	A clinical and molecular study to explore the effect of Homoeopathy in Psoriasis.	Ongoing
	Co-PI	DHR	Role of pectin derived prebiotic oligosaccharide in prevention of food allergy through suppression of mast cells activation.	Ongoing
	Co-PI	ICMR	Development of millet-based dietary fiber for protection of allergic asthma by modulating gut microbiome derived short-chain fatty acids.	Technically Approved
Dr. Aparna Verma Bhongir, Dr Rohit Saluja	PI, Co-PI	Raj Bhawan, Telangana	A pilot study to assess the effect of fluoride levels in the environment in YadadgiriBhuvanagiri district on maternal and fetal health: a trigger for inducing epigenetic changes"	Approved
Dr. SailuYellaboina	Co-PI	ICMR	Uncovering the genetics of novel Salmonella typhi strains from delayed responders to treatment	Ongoing

ii. Intramural

Investigators Name	Role	Title of the Project	Status
Dr. Madhulatha Karra, Dr. Aparna Verma, Dr. Sangeetha Sampath	PI, Co-PIs	"Validation of DBS as a method of Screening of Hemoglobinopathies in newborn babies and use the technique to study the prevalence of hemoglobinopathies in the newborns of Yadadri-Bhuvangiri and Warangal districts: A pilot study"	Ogoing
Dr. Aparna Verma, Dr. Sangeetha	Co-PI	A pilot study on newborn screening for congenital hypothyroidism in YadadriBhuvanagiri and Warangal Districts of Telangana	Ongoing
Dr. MadhuLatha Karra, Dr. Aparna Verma	PI	Assessment of Micronutrients levels in patients with Post Covid musculoskeletal manifestations	Ongoing
Dr. Aparna Verma	Co-PI	Prevalence and outcome of proteinuria in COVID-19, A single-centre observational study	Ongoing
Dr. Anand Pyati, Dr. Madhu LathaKarra	PI, Co-PI	"Study of association of non-alcoholic fatty pancreatic disease with beta-cell dysfunction in metabolic syndrome and type 2 diabetes mellitus."	Ongoing
Dr. Madhu LathaKarra	Co-PI	"Effect of structured Yoga program on stress, perceived well being and sleep quality among nursing staff in a tertiary care hospital"	Ongoing

Dr Rohit Saluja	Co-PI	Serum levels of Interleukin-6 and Interleukin -33 along with its co-relation with severity of pruritus in patients with Chronic Urticaria.	Ongoing
Dr.SailuYellaboina and Dr Rohit Saluja	Co-PIs	Genetic epidemiology of familial hypercholesterolemia in Yadadri-Bhoingir district of Telangana state- A pilot study	Ongoing

iii. Non-funded and projects

Investigators Name	Role	Title of the Project	Status
Dr. Aparna Verma	PI	Integrating the multi-omics analysis to understand neonatal stunting associated with hypertension disorders of pregnancy. (Collaborative -multicentric study)	Ongoing
Dr Anand Pyati, Dr. Madhulatha & Dr. Aparna Verma	PI, Co-PI	Lipidomic signature profile in obese and non-obese non-alcoholic fatty liver disease patients.	Ongoing
Dr. SailuYellaboina	Co-PI	Systems-wide analysis of gene expression signatures and higher-order functions host-response upon coronavirus infection	Ongoing
	PI	Whole-genome sequencing of Mycobacterium tuberculosis isolates, artificial intelligence-based drug resistance prediction and developing mutational database	Under review
	PI	Development of Malaria Blood Smear Image Data Repository and Mobile-Web Artificial Intelligence Diagnostics Platform	Under review
	Co-PI	To study the Climate Sensitive Vector Borne diseases using One Health Approach at AIIMS, Bibinagar- Telangana	Under review

7. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

Started post graduation course MD in Biochemistry with two students per session (Two students joined in the first session)

8. PATIENT CARE / HOSPITAL SERVICES:

Installed three new equipment namely Chemiluminescence Immunoassay Analyzer (CLIA), Electrolyte analyzer and HPLC based Haemoglobin analyzer to the existing facilities at clinical biochemistry laboratory. The clinical biochemistry lab performed a total of 106636 tests in one year with a monthly average of 8886.

9. MAJOR EVENTS OF THE DEPARTMENT

1. First anniversary of the clinical biochemistry lab was celebrated on 04-11-2021. The lab has performed a total of 106636 tests in one year with a monthly average of 8886. Inaugurated chemiluminescence based immunoassay analyser Beckman coulter dxi 600 by Dr. Anupama Gotimukula, President of American Association of Physicians of Indian origin.
2. Second foundation day celebrated on 26th March 22 by organizing CME and workshop on "Advances in Molecular Genetics and Primer Designing". This was conducted under the aegis of Association of Medical Biochemists of India (AMBI), Telangana Chapter. Chief Guest, Dr. Shanti Naidu, Esteemed Director Dr. Vikas Bhatia and Honourable Dean Dr. Rahul Narang graced the occasion.
3. Dr. Shilpa Reddy from Institute of Genetics and Hospital for Genetic Diseases, Osmonia university visited the department to give a guest lecture on: "Newborn screening for genetic diseases" on 7-9-21.

	Biochemical analyzer, XL 1000 facility in clinical biochemistry lab
Inauguration of chemiluminescence based immunoassay analyser beckman coulter dxi 600	
	Delegates releasing the practical manual of the Department of Biochemistry

DEPARTMENT OF COMMUNITY AND FAMILY MEDICINE

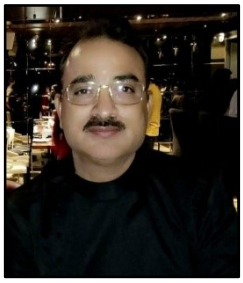
1. Highlights

Department of Community and Family Medicine started on 5th August 2019. The department was established with curriculum development in its unique way with the guidelines based on field visits and pattern-based demonstrations. The curriculum includes competency based learning and innovative teaching learning methods with continuous assessment as part of learning making learning as a process and not exam based. Curriculum is an outcome-based process of making a basic doctor. Hospital OPD clinics consist of Immunisation Clinic, NCD screening clinic, Health and Happiness clinic.NCD clinic catered to 743 patients. The Health and Happiness clinic catered to 576patients. The Immunisation Clinic is conducting sessions and providing services to the beneficiaries as per the Govt of India mandate.COVID vaccination drive was successfully started on 15th March 2021 and has till 31st March 2022 immunised 19,463 people. It's open to the public on all days including Sundays and Holidays.

The vision is to serve the last men in the community and provide them with the highest level of Health. It is planned to build acenter of excellence in teaching and to bring in epidemiological research, operational research and train institute faculties in Research Methodology, Faculty development in management and administration. Plan for Centre for Micronutrient Deficiency and improve tie –ups with State govt in order to work with a team spirit.

2. Faculty and staff





Dr. Neeraj Agarwa
Professor &HoD
Experience: 25 Years



Dr. Rashmi Kundapur
Additional Professor
Experience: 15 Years



Dr. Govind Kusneniwar
Associate professor
Experience: 19 Years



Dr. Kishore Y Jothula
Assistant Professor
Experience: 9 Years



Dr. Durgesh P Sahoo
Assistant Professor
Experience: 5 Years



Dr. MeelyPanda
Assistant Professor
Experience: 8 Years



Dr.Vaman Kulkarni
Assistant Professor
Experience: 10 Years



Dr.Gomathi R
Assistant Professor
Experience: 5 Years



Dr. Bhushan Kamble
Assistant.Professor
Experience: 5 Years



Dr.Kumar Guru Mishra
Senior Resident



Dr.Chandralekha
Senior Resident



Dr.Sivaram Prasad
Senior Resident



Dr. Revathy
Junior Resident



Dr.Remya Mary John
Junior Resident

3. Staff in department

Health Workers	Lab technicians	Staff Nurse	Attender/Helper	Medico-social worker
Nil	1	1	1	1

4. ACADEMICS

4A. Teaching for MBBS

Theory classes (Hours)	Practical Classes (Hours)	Examination conducted
125	387	2

4. B. Teaching Learning Methods Adopted for UG & PG

1. Integrated teaching,
2. Self-directed learning,
3. Demonstrations
4. Role plays
5. Small group discussion
6. Storytelling with assessment

4. C. Examination & Assessment: Conducted Internal Assessment for MBBS batches

4. D. Conferences/CME/Workshops/Guest Speaker:

i. Lectures delivered

Dr. Neeraj Agarwal

1. Infection control training conducted for senior and junior residents, nursing officers, technicians and housekeeping staff, under Swachata Abhiyan Committee at AIIMS Bibinagar on 21/03/22-23/03/22 and 28/03/22-30/03/22.
2. 'Virtual Consultation Meet on Maternal Death Surveillance and Review in India, as a part of ICMR funded task force project" organized by the Department of Community Medicine and Family Medicine at AIIMS Jodhpur on 28th and 29th March, 2022.
3. Chairperson for a session on "National Tuberculosis Elimination Program (NTEP): Current Updates" at AIIMS Jodhpur 29th October 2021.

Dr. Rashmi Kundapur

1. Chairperson in Oral presentation session on COVID Mortality on 23rd September 2021 in National IAPHCON conference held in JIPMER Pondicherry between 23rd -25th September 2021.
2. As Panelist in Workshop on National consultation of FOPL in AIIMS Rishikesh on 10th September 2021
3. As faculty in "National CME on Breastfeeding 2021" conducted by AIIMS Bibinagar Hyderabad on 5th August 2021.
4. As Speaker in "National CME on Diabetic retinopathy 2021" Conducted by Ophthalmology department AIIMS Bibinagar on 25th August 2021.
5. Speaker on "Front of Package Labelling and CVD" in national Epidemiology conference 2021 held between October 29th and 30th 2021.
6. Speaker in Research methodology workshop on "Grant writing and its importance" .in AJIMS Mangalore on 23rd November 2021
7. Judge for state level quiz of FORENSICON in Karnataka on 20th November 2021
8. Speaker on "Epidemiology of NIPAH" in Devaraj urs Deemed university Kolar Karnataka on 20th October 2021.
9. Speaker in "Basic statistics" in Research methodology workshop for faculty and junior residents respectively in AIIMS Bibinagar held on October 9th to 14th 2021 and march 15th to 16th 2022.
10. Resource person to speak on "KAP study on FOPL by consumers at All India level" in national deliberation of FOPL held on February 25th 2022

11. Speaker in Module-1 of Short course of Research methodology IAPSM on "Basic statistics" held on 15th march 2022.

Dr. Durgesh Prasad Sahoo

1. Speaker on Experience Sharing: How the fellowship in PHN will shape the future of Public Health, Thematic workshop on Evolution and way forward of Public Health Nutrition organized by RCAPHN, Dept of CMFM, AIIMS Bhubaneswar 0n 11th September 2021.
2. Resource on Basic Research Methodology workshop for faculty and took a session on analytical epidemiology on 5th October 2021

Dr. Meely Panda

1. Health Talk on Epidemiology of SCD on CME on Sickle cell Disease by Dept of Pediatrics, AIIMS Bibinagar on 21st June 2021.
2. Invited for a guest talk to DPS Nacharam on Doctor Day, July 1st 2021.
3. Resource Person in the Basic Research Methodology Workshop for faculties conducted by CFM, AIIMS, Bibinagar in Nov 2021.
4. Guest Speaker in the II State conference of IAPSM Telangana chapter 27th – 28th October 2021 on "Universal Health Coverage and COVID 19 Pandemic"
5. Speaker for session on Sample size calculation in the Basic Research Methodology workshop conducted by IRC, AIIMS Bibinagar from March 15th – March 17th 2022.
6. Speaker for "Referencing, Sample and Sample size calculations" on 27th March 2022 at Maulana Azad Medical College PSU Updates session 20: Basic and essential Biostatistics.

Dr. Bhushan Kamble

1. Speaker in Sepsis Awareness Program conducted by Sepsis Research Group, AIIMS, Bibinagar on 13th September 2021 "World Sepsis Day"
2. Resource faculty in "Sample size calculation" in Research methodology workshop for faculty in AIIMS Bibinagar held on October 9th to 14th 2021
3. Speaker on "NTEP in EPTB" in an integrated teaching program on World TB Day organized by the Dept. of Medicine and microbiology on March 24th 2022.

ii. Papers presented:

1. **Dr. Rashmi Kundapur** presented Authored papers in IAPSM 2022 conference held in Nagpur between March 3rd to 5st Authorship: Dr.Sunhitha. P, Dr. RashmiKundapur, Dr. Anusha Rashmi Post graduate, Department of Community Medicine, K.S.Hegde Medical Academy,Deralakatte, Mangalore,AdditionalProfessor,Department of Community and Family medicine,AIIMS Bibinagar, Hyderabad,Assistant Professor, Department of Community Medicine, K.S.Hegde Medical Academy, Deralakatte, Mangalore.

2. **Dr. Meely Panda** Presented"The Challenges of Frontline Health Managers during the COVID-19 Pandemic in India: A Framework Analysis Study. Presented paper in IAPSM 2022 Conference in Nagpur between 3rd to5th March. 2022

3. **Dr.Bhushan kamble** Presented E- paper titled"Prevalence of Tobacco Smoking and Influence of Pictorial Warnings on Smoking Abstinence among the College Students of University of Delhi, India"in 5thNational conference on Tobacco or Health held in PGI Chandigarh between 25th to 27th September 2021.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. 9 Faculties, 3 Senior Residents, 1 Attendant, 1 MSW and 1 multipurpose Worker.
2. 1 Museum [Plan to digitise it]
3. 1 Practical Hall cum Research Lab
4. Library Space

5. 6 Clinics:Immunisation, RNTCP, ICTC, Senior Citizen, Health and Happiness, Adolescent, NCD and Staff clinic
6. Immunization Clinic fully functional with ongoing sessions and COVID Vaccination drive.
7. Equipment: 1 ILR, 1 Deep Freezer, Refrigerator, Chloroscope, Glucometer, BP Machines and Weighing Machines.
8. RHTC adopted at Bommalaramaram

6. RESEARCH

6.1 Publications

1. Satpathy, P., Singh, A. K., **Agarwal, N**., Majumdar, A., Goel, A. D., & Yadav, K. (2022). Can proactive roles played by Community Medicine professionals in times of COVID-19 Pandemic bring the leadership of public health in India in the right hands?. Journal of family medicine and primary care, 11(1), 18–26.
2. **Agarwal N**, Mishra, S., &Ayub, A. (2021). Convalescent plasma therapy in COVID-19 and discharge status: A systematic review. Journal of family medicine and primary care, 10(10), 3876–3881. https://doi.org/10.4103/jfmpc.jfmpc_2429_20**.**
3. **Agarwal N**., Biswas, B., Singh, C., Nair, R., Mounica, G., H, H., Jha, A. R., & Das, K. M. (2021). Early Determinants of Length of Hospital Stay: A Case Control Survival Analysis among COVID-19 Patients admitted in a Tertiary Healthcare Facility of East India. Journal of Primary Care &CommunityHealth. https://doi.org/10.1177/21501327211054281
4. Mahto, M., Banerjee, A., Biswas, B., Kumar, S., **Agarwal, N**., & Singh, P. K. (2021). Seroprevalence of IgG against SARS-CoV-2 and its determinants among healthcare workers of a COVID-19 dedicated hospital of India. American journal of blood research, 11(1), 44–52.
5. **Agarwal N**, Chaudhary N, Ahmad S, Pathak PK. Evaluating the effectiveness of a verbal autopsy workshop: A comparative analysis of pre- and posttest. Indian J Community Fam Med 2021;7:37-40.
6. Mahto M, Biswas B, Banerjee A, Kumar S, **Agarwal N**, Singh PK. Factors influencing IgG response against SARS-CoV-2: A quantitative serological survey among healthcare workers of a COVID-19 dedicated health facility in India. Indian J Med Sci 2021;73(2):147-54.
7. **Agarwal N**, Pandey S, Mishra A, Biswas B, Lohani P. Clinical outcomes of patients attending a flu clinic at a tertiary health-care facility in India during the COVID-19 pandemic. J Nat Sci Med 2021; 4:258-66.
8. Ravikirti, Roy, R., Pattadar, C., Raj, R., **Agarwal, N**., Biswas, B., Manjhi, P. K., Rai, D. K., Shyama, Kumar, A., & Sarfaraz, A. (2021). Evaluation of Ivermectin as a Potential Treatment for Mild to Moderate COVID-19: A Double-Blind Randomized Placebo Controlled Trial in Eastern India. Journal of Pharmacy & Pharmaceutical Sciences, 2021; 24(3), 343–350.
9. Ayub A, Singh G, Ahmad S, Shekhar S, Palariya B, Rathore A, Kumar P, **Agarwal N**. Profile of Clients & HIV positive patients attending the ICTC of a tertiary care center of Bihar: A situational analysis. Indian J Community Health [Internet]. 2021 Jun. 30 [cited 2022 Apr. 12];33(2):282-7.
10. Baisil S, P Gowthami, Rashmi A, **Kundapur R**, R Vidya, Alex P, AU Shameena, George CM, HN Harshitha, Maiya G R, R Kavya, Karishma F D, Nesan SG "Module based health education on stress & depression–effectiveness and feasibility study among schools in Dakshina Kannada: a pilot study" Journal of Indian Association for Child and Adolescent Mental Health-ISSN 0973-134 Volume 17, Issue 3 July 2021 page 37-56.
11. Shetty V, **Kundapur R**, Chandramohan S, Baisil S, Saxena D B "Dietary Risk with Other Risk Factors of Breast Cancer" Indian Journal of Community Medicine, Volume 46; Issue 3; July-September 2021 page number-396-400.
12. Sathyanath S M, **Kundapur R** , Prabhu S H , Rashmi A"Provision of Care Following Road Traffic Injuries in a District in South India: A Qualitative Analysis of Stakeholder Perspective" Indian Journal of Community Medicine, Volume 46; Issue 3; July-September 2021 page number-454-458.

13. **Kundapur R,** Modi B, Mary L T, Sathyanath S M, Poojary S N, Saxena DB"Lifestyle, dietary and treatment adherence pattern of uncontrolled diabetics in coastal Karnataka, India"Indian journal of community health / vol 33 / issue no 03 / jul–sep 2021 Page number:
14. **Kundapur R**, Rashmi R, Velamala S, Aggarwal S, Shringarpure K, Gaitonde R, Modi B "Assessment of Challenges and Opportunities and Identification of Approaches and Innovations in COVID-19 Pandemic Management by Different States in India: A Qualitative Approach" Journal of Epidemiology and Global Health Jan 2022
15. Kulkarni V, Shetty S, K Subramanya, Chakraborty A, Patil P, Bhandary R, **Kundapur R** "Correlation of serum lipoprotein (a) levels with angiographic lesion severity in coronary artery disease" Biomedical and Biotechnology Research Journal (BBRJ) |Volume 5 ¦ Issue 4 ¦ October-December 2021 page 459-462, IP: 59.99.26.109]
16. Haladi SP, Rashmi A, **Kundapur R**, M SS. Mapping of pathways of care, assessment of delays and gap analysis in provision of care following road traffic injury among patients in selected tertiary hospitals in urban Karnataka, South India: Mapping of pathways of care and gap analysis in provision of care following road traffic injury. Indian J Community Health [Internet]. 2021 Dec.31 [cited2022 Jan. 17];33(4).
17. **Kundapur R**, B Modi, R Ansari, R Deepthi, P Santhosh, D Saxena Effectiveness of lifestyle modification on quality of life among uncontrolled diabetics and hypertensives in India–Community based intervention study Journal of Family Medicine and Primary Care 11 (2), 492-49
18. S Baisil, **R Kundapur**, S Chandramoha, M Nelliyanil, P Abhraham,Survival Pattern Depending on Hormone Receptor Status, Stages of Breast Cancer and Social-Economic Status-A Cohort Study Journal of Obstetrics, Gynecology and Cancer Research (JOGCR) 7 (3), 221-225
19. Bhatia V, Singh AK, GiriPP,**SahooDP.**Effectiveness of a short-structured training programme on knowledge of healthcare providers and programme managers involved in maternal and child health programmes in Odisha,India: a quality improvement study. BMJ Open 2021;11:e040841. doi:10.1136/bmjopen-2020-040841
20. Pradhan SK, Sahu DP, **Sahoo DP**, SinghAK, PatroBK, MohantyS. Experience from a COVID-19 screening centre of atertiary care institution: A retrospective hospital-based study. Journal of Family Medicine and Primary Care. Aug 2021; 10 (8): 2933-2939
21. Pandya S, Nair A, Neelam A, Ramesh AS, **Sahoo DP.** Profile of covid -19 patients at a dedicated covid health centre (dchc) in suburbs of a metropolitan city in mumbaiindia -a retrospective study.PARIPEX - INDIAN JOURNAL OF RESEARCH. August 2021; 10. 10.36106/paripex
22. **Sahoo DP,** Singh AK, SahuDP,Pradhan SK, Patro BK, Batmanabane G. Hospital-Based Contact Tracing of Patients With COVID-19 and Health Care Workers During the COVID-19 Pandemic in Eastern India: Cross-sectional Study. JMIR Form Res 2021 | vol. 5 | iss. 10 | e28519
23. Behera P , Bhatia V , Sahu DP, **Sahoo DP** , Kamble RU , Panda PS, Singh AK. Community perception regarding diarrhoea management practices in a tribal predominant aspirational district of Odisha: A mixed-method study. Journal of Family Medicine and Primary Care. Volume 10 : Issue 11 : November 2021
24. Tikka SK, Malathesh BC, **Sahoo DP**, Bhatia V, Sreepada N, Meena SK. Factor Structure of the Telugu Version of the Insomnia Severity Index Administered to Primary Care Health Workers of Rural Telangana During the COVID-19 Pandemic. Prim Care Companion CNS Disord. 2022 Mar 22;24(2):21m03185.
25. **Panda M,** Islam F, Roy S, Pathak R, Kashyap V. Assessment of frailty and outcome of an ethnogeriatric population in periurban slums of Delhi, India – An interventional strategy in a primary health care setting. J Family Med Prim Care 2021; 10: 2272-8.
26. Pati S, Sinha R, **Panda M**, Puri P, Pati S. Profile of multimorbidity in outpatients attending public healthcare settings: A descriptive cross-sectional study from Odisha, India. J Family Med Prim Care 2021;10: 2900-14.
27. Islam F, Agarwalla R, **Panda M,**Alvi Y, Singh V, Debroy A, et al. Assessment of knowledge, preferences and concern regarding the prospective COVID – 19 Vaccine among adults residing in New Delhi, India – A cross sectional study. J FamilyMed Prim Care 2021; 10:2369-75

28. Kshatri JS, Palo SK, **Panda M,** Swain S, Sinha R, Mahapatra P, Pati S. Reach, accessibility and acceptance of different communication channels for health promotion: a community-based analysis in Odisha, India. J Prev Med Hyg 2021;62:E584-E465. Kundapur R, Rashmi A, Aggarwal S, **Panda M**, Jena S, Epari V, Baidya S, Ramesh NM, Sahoo J, Sabat S. The Challenges of Frontline Health Managers during the COVID-19 Pandemic in India: A Framework Analysis Study. (2021) Preprint research square.com [Corresponding Author]
29. Ganapathy A, Achappa B, **Kulkarni V**, Madi D, Holla R, Bhaskaran U, Rathi P, Mahalingam S, Dsouza NV. Association between Veterans Aging Cohort Study (VACS) index and neurocognitive function among people living with HIV-a cross sectional study in coastal South India. AIDS Res Ther. 2021 Aug 4;18(1):47.
30. Nismath S, Rao SS, Baliga BS, **Kulkarni V**, Rao GM. Comparison of urine albumin creatinine ratio with the pediatric index of mortality 2 score for prediction of pediatric intensive care unit outcomes. Ir J Med Sci. 2021 Nov;190(4):1481-5.
31. Kubsad P, Ravikiran SR, Bhat KG, Kamath N, **Kulkarni V**, Manjrekar PA, Acharya SD. Hypovitaminosis D and Parathyroid Hormone Response in Critically Ill Children with Sepsis: A Case-control Study. Indian J Crit Care Med. 2021 Aug;25(8):923-7.
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33. Deori TJ, **Ramaswamy G**, Jaiswal A, Loganathan V, Kumar R, Mahey R, et al. Compliance with iron folic acid (IFA) tablets and associated factors among pregnant women attending
34. **Kamble B**, Bashar M, Mishra C (February 02, 2022) Incidence, Pattern and Severity of Adverse Events Following Immunization (AEFIs) Associated with Chadox1 nCOV-19 CoronaVirus Vaccine (Recombinant) Among the Healthcare Workers of a Tertiary Care Institute of Eastern Uttar Pradesh, India. Cureus. 2022; 14(2): e21848. DOI 10.7759/cureus.21848.
35. Kaur R, Kant S, Subramanian M, **Kamble BD**, Malhotra S, Haldar P. Effectiveness of Intravenous Iron Sucrose Therapy in Routine Antenatal Care for the Treatment of Moderate to Severe Anemia Among Pregnant Women Attending a Secondary Care Hospital in North India: A Retrospective Analysis. Cureus. 2022 14(3): e23603. doi:10.7759/cureus.23603.
36. **Kamble B**, Rath RS, Misra P, Rai SK, Kant S. Prevalence of depression and health related quality of life among patients with diabetes mellitus and hypertension attending a secondary care hospital in district Faridabad, Haryana. Indian J Community Health [Internet]. 2022 Mar. 31;34(1):10-15.
37. **Kamble B**, Malhotra S. Profile of pediatric TB patients registered under Faridabad District TB centre of Haryana. Indian J Tuberc. 2022 Jan;69(1):35-41. Epub 2021 Feb 4. PMID: 35074148.
38. Jethani S, Singh SK, Anshumali, **Kamble BD**, Dobhal V, Singh S, et al. Epidemiological pattern and trend analysis of animal bite cases of anti-rabies clinic of tertiary care hospital of Delhi. J Family Med Prim Care 2022;11:728-32.
39. Singh SK, Jethani S, Gupta A, **Kamble BD**, Singh S, Ahlawat P. Mapping of epidemiological determinants of confirmed COVID-19 cases among health-care workers of municipal corporation of Delhi: A roadmap to risk reduction. J Edu Health Promot2022;11:106.
40. Chellaiyan VG, **Kamble BD,** Raja TK, et al. A study of determinants of obesity - is skipping breakfast meal a risk factor? J Evolution Med Dent Sci 2021;10(25):1883- 1888, DOI:10.14260/jemds/2021/389.
41. Mendiratta S, **Kamble BD**, Thukral PC. Dynamics of contraceptive use among women attending multi-speciality hospital in Faridabad district of Haryana.Int J Res Med Sci 2021;9:1621-7.
42. Balan Y, Gaur A, Sakthivadivel V, **Kamble BD**, Sundaramurthy R. Is the gut microbiota a neglected aspect of gut and brain disorder? .Cureus 2021;13(11):e19740
43. Khairkar, P., Palicarp, S.M., **Kamble**, A. et al. Outcome of Systemic Fluoride Effects on Developmental Neurocognitions and Psychopathology in Adolescent Children. Indian J Pediatr 88, 1264 (2021).

7.2. Books / Chapters

Authorship	Publication	ISSN
Deepthi Kiran, Akash Bang, Rashmi Kundapur, "Mythology in Child Nutrition" in, (as author)	Essentials of MIYCN- A Text book on Maternal and Young and adolescent child nutrition by IAP and IYCF chapter" 1st edition, 2021	786-789.

7.3. Projects:

i. Extramural (Funded)

Name	Role	Fund	Title of the Project	Status
Dr.Vikas Bhatia, Dr.NeerajAgarwal, Dr.Gomathi.R, Dr.MeelyPanda, Dr.Kishore.Y	Chief PI, PI, Co-PIs	UNICEF	A mixed method approach for monitoring the community- based implementation of Supervised Supplementary Feeding Program for management of children with Severe and Moderate Acute Malnutrition in selected districts of Telangana	Ongoing
Dr.Vikas Bhatia, Dr.Neeraj Agarwal, Dr.Gomathi.R, Dr.Durgesh Sahoo	Chief PI PI, Co-PIs	NHSRC	Evaluation of the effectiveness of the National Health Mission (NHM) policy of mainstreaming and co- locating AYUSH within Primary Health Care	Ongoing
Dr.Neeraj Agarwal, Dr.Meely Panda, Dr. Durgesh Prasad Sahoo	PI, Co-PI	ICMR	Letter of Intent on "Registry on Venous Thromboembolism" to ICMR, 2021. PI for Generic protocol for the establishment of National Hospital based Registry on Venous Thromboembolism	Ongoing
Dr. Gerard Marshall raj, Dr.Neeraj Agarwal	PI, Co-PI	ICMR	Predictors of breakthrough infection and re-infection of COVID-19 among Indian population: a deep learning approach	Ongoing
Dr.Vikas Bhatia, Dr.Rashmi Kundapur, Dr.Neeraj Agarwal, Dr.BhushanKamble,	Chief PI, PI, Co-PIs	AIIMS Rishikesh	"Healthy food for all" multi centric project initiated from AIIMS Rishikesh	Ongoing
Dr.BhushanKamble, Dr.RashmiKundapur, Dr.Neeraj Agarwal, Dr. Meely Panda	PI, CoPI's	ICMR	Feasibility study on use of i-drone in transportation of sputum samples and drugs under National TB Elimination Program among tribal and hilly areas of YadadriBhuvanagiri district of Telangana: An Implementation Research.	Sanctioned
Dr.RashmiKundapur, Dr.Neeraj Agarwal, Dr.Govindrao.K, Dr.Kishore.j	PI, CoPI's	ICMR	A Community trial for reducing burden of Non Communicable Diseases (Hypertension and Diabetes Mellitus) in Telangana by primary and secondary prevention	Under review
Dr. Meely Panda, Dr.Neeraj Agarwal, Dr.RashmiKundapur, Dr.Kishore.J	PI, CoPI's	ICMR	Engagement of Private Service Providers under the Cascade of Tuberculosis Care in Tribal area of Telangana, South India – A Mixed Method approach in 2021 – 2022	Under review
Dr.BhushanKamble, Dr.RashmiKundapur, Dr.Neeraj Agarwal, Dr. Durgesh Sahoo	PI, CoPI's	ICMR	Mathematical modelling and assessment of delay in TB treatment.	Under review
Dr.RashmiKundapur	PI	ICMR	Concept note on -Development of Algorithm for screening of cancer of oral cavity based on epidemiological, clinical and laboratory parameters	Under review

Dr. Aparna, Dr. Sangeetha, Dr. Vikas Bhatia, Dr. Kishore,	PI, Co-PI's	Govern or Office	A pilot study to assess the effect of elevated fluoride levels on maternal-fetal, neonatal and neuro-developmental outcomes	Under Review
Dr.Vaman Kulkarni, Dr. Neeraj Agarwal	PI, Co-PI's	KnIT	Advancing Biomedical Interventions for prevention of RSV disease in under-five children: India case study.	Comple
Dr.Vishaka, Dr. Neeraj Agarwal, Dr. Kishore J	Co-PI's	DHR	Social network approach to controlhypertension (SNATCH) – Amulticentric open label cluster randomized trial	Under Review
Dr. Harshal Salve, Dr. Bhushan Kamble	PI		Preparing NCD Health Emergency Framework & Documenting Best Practices adopted by the States/Uts for continuing NCD Services during Covid-19 pandemic in India"	ongoing
Dr. Raja S, Dr.Vaman Kulkarni	PI, Co-PI	ICMR	Zoonotic enteric Pathogen: Is it ahidden enemy in the Human-animalinterfaces? A retrospective cohortstudy in children less than 5 yearsfrom a rural community ofTelangana.	Sanction ed
Dr. Vikas Bhatia, Dr. Durgesh Prasad Sahoo	PI, CoPI	UNICE F	Mental Health of frontline health care workers in rural Telangana	Comple
Dr. Laxmi Jyothi T Dr. Durgesh Prasad Sahoo	PI, CoPI	SERB	Prevalence of vector borne diseases amidst COVID-19 pandemic in Bibinagar population- A cross sectional study	Awaited

ii. Intramural: Funded

Investigators Name	**Role**	**Title of the Project**	**Status**
Dr. Parag Parshuram Patil, Dr.Kusneniwar Govindrao N	PI, CoPI	A study to determine the incidence and the causes of anemia in the tribal population residing in Yadadri-Bhuvanagiri district of Telangana state.	ongoing
Dr Saikrishna T, Dr.KusneniwarGovindrao N, Dr Neeraj Agarwal	PI, CoPI	Assessment of psychosis risk in youth: A community based cross-sectional pilot study, Yadadari-Bhuvangiri district, Telangana	ongoing
Dr.Debasis, Dr.Vishaka, Dr. Kishore J, Dr. Aparna, Dr. Sunil	PI, Co PI	Comparative study of effect of Glycyrrhiza glabra as an adjuvant to DOTS in patients of newly diagnosed sputum smear positive pulmonary TB – A double blind randomizedcontrolled trial – Intramural project	ongoing
Dr.Supriya, Dr.Sailu, Dr. Rohith, Dr. Kishore Y	PI, CoPI	Genetic epidemiology of familial hypercholesterolemia in Yadadri-Bhuvanagiri and neighbouring districts of Telangana state – Intramural project	ongoing
Dr.Yuvraj Balan, Dr.Bhushan Kamble	PI, CoPI	Association of serum cathelicidin levels with treatment outcomes in newly diagnosed tuberculosis patients".	Ongoing
Dr.Praful Kamble Dr.Bhushan Kamble	PI, Co PI	To study the influence of short term dance therapy on physical fitness parameters along with neuroendocrine changes using salivary cortisol levels in healthy adults	Under process

Dr. Raja, Dr Gomathi R	PI, Co-PI	Diagnostic Efficacy of in house TB Loop Mediated Isothermal Amplification (LAMP) compared to Clinical diagnosis, Cartridge Based Nucleic Acid Amplification Test (CBNAAT), Smear Microscopy, Histopathology/Cytology and Mycobacterial Growth Indicator Tube (MGIT) Liquid Culture in detecting Extra-pulmonary TB.	Ongoing
Dr.SunilKumar Chavan, Dr.Vaman Kulkarni	PI, Co-PI	Community Surveillance forCOVID-19 associated Nontuberculous MycobacterialInfections-ADistrictBasedSurveillance Model for India Community Surveillance forCOVID-19 AssociatedNontuberculous Mycobacterial Infections-A District BasedSurveillance Model	Ongoing
Dr. Raja S, Dr.Vaman Kulkarni	PI, Co-PI	Isolation and Identification of Non-Tuberculous Mycobacterium fromHuman and Environmental samplesinYadadriBhuvanagiri district.	Ongoing
Dr. Anand Pyati Dr.Vaman Kulkarni	PI, Co-PI	Study of association of non-alcoholic fatty pancreatic disease with betacell dysfunction in metabolicsyndrome and type 2 diabetesmellitus.	

iii. Non-Funded Projects:

Investigators Name	**Role**	**Title of the Project**	**Status**
Dr. Durgesh Prasad Sahoo, Dr. Neeraj agarwal, Dr. Meely Panda	PI, Co-PI	Validation of Hindi questionnaire for the Life Space Assessment in community dwelling older adults 2021	ongoing
Dr. Durgesh Prasad Sahoo, Dr. Neeraj agarwal, Dr. Bhushan D Kamble	PI, Co-PI's	Cut-off of anthropometric measurements and nutritional status among elderly outpatients in a Tertiary Health Care center in Telangana.	ongoing
Dr. DebasisBisoi, Dr. Durgesh Prasad Sahoo	PI, Co-PI	Evaluation of knowledge, attitude and practice regarding self medication usage practices for prevention of COVID-19 pandemic – a cross-sectional study from Hyderabad Metropolitan Region.	ongoing
Dr.MeelyPanda,Dr.Neeraj Agarwal,Dr.RashmiKundapur	PI	Perception of Family Planning Practices in rural areas of Telangana: Community based study. 2021	ongoing
Dr.Meely Panda, Dr.RashmiKundapur-	PI, CoPI	Average Delay in initiation of treatment of Acute Myocardial Infarction in LMIIC Settings – A systematic Review. 2021	ongoing
Dr. Kishore Y,Dr. Neeraj Agrwal,Dr. Rashmi,	PI, Co-PI's	Effect of structured Yoga Programme on stress, perceived well being and sleep quality among nursing staff in a tertiary care hospital in Telangana State	Ongoing
Dr.KrishnaRamavath, Dr.BhushanKamble	PI,Co-PI	Management of chronic active venous ulcers with four layer dressing along with hydrocolloid dressing as a part of compression therapy comparing with conventional dressing"	Ongoing
Dr.Neeraj Agarwal, Dr.GomathiR,Dr. Rekha, Priyadharshini,Dr.MeelyPanda,Dr.Vaman Kulkarni	PI, Co-PI's	Pattern, challenges and possible solutions for menstrual waste disposal among adolescents from Telangana, India - A mixed methods study	Ongoing
Dr .Prashant Mada, Dr.Kusneniwar Govindrao N.	PI,Co-PI	A cross-sectionalquestionnairebasedstudy to assess Awareness andKnowledge of "GoodSamaritan Law" in population of Telangana	Ongoing
Dr SurrajS,DrMrudula Chandrupatla, Dr Kusneniwar G.N	PI, Co-PI's	"Determination of safe sites ofintramuscular deltoid injectionsand its relevance to thecommunity"	Completed

8. PATIENT CARE / HOSPITAL SERVICES:

Type of services/ Facilities provided by the department	Number of patients covered	Remarks
RHTC	2096	General OPD and ANC OPD started since 31th March 2021
NCD screening clinic	743	Started since 6th November 2020
Immunization, Clinic (Covaxin,Covishield,Corbevax)	19,463	COVID-19 vaccination since 31st March

9. MAJOR EVENTS OF THE DEPARTMENT WITH PHOTOGRAPHS

1. Mobile Medical Units cater to the surrounding 6 villages of AIIMS Bibinagar and provide them basic essential preventive and curative services.
2. AIIMS Bibinagar in conjunction with AIIMS Rishikesh and the National Institute of Nutrition (NIN), Hyderabad conducted a webinar on "Front-of-pack Labelling & Children's Health" on October 25th, 2021. The main objective of the webinar was to address the issues concerning the need to adopt regulatory policies for front-of-pack labelling (FOPL)based on scientific evidence and promotion of healthy eating habits to address rising concern of non-communicable diseases.
3. World breastfeeding week was conducted as a continuum of events. Doctors from the departments of Paediatrics, Obstetrics & Gynaecology, and Community & family medicine of All India Institute of Medical Sciences, Bibinagar organized a session engaging antenatal women, lactating mothers and their children in the primary health center of Bommalaramaram, Yadadri-Bhuvanagiri district. Skits, Health Talks and NukkadNataks were conductedto increase awareness among the community mass.
4. On 14th December 2021 a multi-speciality health camp was organised by AIIMS Bibinagar in association with RHTC, Bommalaramaram in BhuvanagiriDistrict .The program was inaugurated with lightening of the lamp by Dr. Vikas Bhatia, Executive Director, and AIIMS Bibinagar. The multi speciality health camp also got support from the District Administration.
5. TB day awareness was celebrated on 24thMarch 2022 at RHTC, Bommalaramaram in Yadadri-Bhuvanagiri district with team of ASHA workers in the PHC and General public, Students from Govt. high school Bommalaramaram. Group discussion, Health education, talk and available services was given by CFM department.





FOPL Interim Technical Meeting



24 March 2022
TB Day awareness programme at Bommalaramaram



15 September 2021
Faculty and healthcare workers at Sepsis Awareness week

DEPARTMENT OF DERMATOLOGY

1. Highlights

The department has been providing continuous Dermatological services without any interruption to patients attending OPD in AIIMS, Bibinagar. There has been a substantial increase in OPD census from 140 in March 2021 to 792 in March 2022. Minor surgical procedures like Incision and excision biopsy, intra lesional steroid injections, chemical cautery is performed regularly. Electrocautery machine is used for removal of warts, skin tags on regular basis. Admitted the first patient, treated successfully and took the baby step in patient admission and IPD services. Started research work in the department by writing up 2 projects (1 funded and 1 non funded). Few articles have been sent for publication and are in the process of review and publication with few minor changes. The department faculty take keen interest in integrated teaching of Leprosy, STI's to MBBS undergraduate students. CMEs and other academic programmes have been planned for future.

2. Faculty and staff



 **Dr Deepthi Konda** Assistant professor Experience: 7 Years	 **Dr Vijayalakshmi Nayak** Senior resident Experience: 4 Years	 **Dr Bangari Arthi** Junior Resident Experience: 4 Years	 **Dr Latha Sri** Junior Resident Experience: 4 Years

3. Details of Academics and Training

3.1. Conferences/CME/Workshops attended:

Dr Deepthi Konda

1. Attended E-DERMACON 2022 conference held in January and participated in "Dermatosurgery workshop"
2. Participated in a "Dermoscopy workshop" organized by IADVL in 2021.

3.2. Fellowship:

Dr Deepthi Konda got selected for a "Clinical Dermatology" fellowship in Sapienza University Rome, Italy for duration of 4 weeks.

4. FACILITIES AVAILABLE IN THE DEPARTMENT

1. OPD services
2. Intra lesional steroid injections - Keloid and alopecia Areata
3. Electrocautery, TCA cautery, Phenol cautery
4. Biopsy, Slit skin smear, KOH mount
5. Wart removals, Needling, Dermarolling
6. Acne Scar Management

5. RESEARCH:

5.1 PUBLICATIONS

1. **Dr Deepthi Konda** - Mucormycosis and COVID 19 in India - under review, asked to make a few minor changes for publication.
2. Trichodysplasia spinulosa is associated with MDR Pulmonary Tuberculosis. Accepted for publication in Indian Journal of Dermatopathology and Diagnostic dermatology in August 2021
3. **Vijayalakshmi Nayak** and Shyamala R 2021. Pernicious combination of Covid-19 and Mucormycosis.Int.J.Curr.Microbiol.App.Sci. 10(08): 620-628

5.2. FUNDED PROJECTS

i. Extramural

Investigators Name	Role	Funding Agency	Title of the Project	Status
Dr Deepthi Konda	**Co-PI**	ICMR	"To understand skin microbiome associated with acne vulgaris and use of symbiotic formulation as novel therapeutics"	Under review

ii. Intramural

Investigators Name	Role	Title of the Project	Status
Dr Deepthi Konda	PI	Serum levels of Interleukin -6 and Interleukin 33 and their correlation with disease severity in patients with chronic urticaria	Ongoing
Dr Vijayalakshmi Nayak, Dr Deepthi Konda	PI, Co-PI	Metabolic syndrome and quality of life in Acne vulgaris and its correlation with disease	Ongoing

8. PATIENT CARE / HOSPITAL SERVICES:

1. Total number of patients (OPD) - 5020
2. Total number of surgical procedures -132

DEPARTMENT OF ENT
[OTORHINOLARYNGOLOGY AND HEAD & NECK]

1. Highlights:

Department of Otorhinolaryngology was established on March 18th 2021. Outpatient services commenced from inception and from September 2021diagnostic endoscopic services have been offered to patients, including Otoendoscopy, Nasal endoscopy, and video laryngoscopy; and began performing minor surgical procedures under local anaesthesia. After the inauguration of the OT Complex on October 16th, 2021, the Department performed its first surgery in the OT setting on November 23rd, 2021. As of 31st March 2022, 25 surgeries, including two head and neck cancer cases have been done. On World Hearing Day, March 3rd, 2022, an online CME centred around the theme for the year, which is 'To Hear for Life, Listen with Care' was done. Continuing with the online event, on March 5th, a health camp was organised in collaboration with the Department of CFM at Bommalaramaram Primary Health Centre. Future plan is to set up an Audiology and Vestibular laboratories furnished with high-quality equipment. This, in addition to our team efforts, will further the department's resolve to provide the best possible comprehensive care for those in need. Between the 20th and 21st of September 2021, the Department conducted a National CME on the occasion of 'Balance Awareness Week', titled 'National CME on Vertigo and Imbalance: Path to Equilibrium'.

2. Faculty and staff





Dr Namit Kant Singh
Associate Professor
In-charge HoD
Experience: 13 years



Dr NeemuHage
Assistant Professor
Experience: 4.5 years



Dr Balaji R
Assistant Professor
Experience: 4.5 years



Dr Sushmitha N
Senior Resident
Experience: 0.5 years



Dr K Krishna Medha
Senior Resident
Experience: 0.5 years

3. Other Staff in the department:

Junior Residents	Staff Nurse	Any other
01	05	Ward boys- 02

4. ACADEMICS

4.1. Teaching for MBBS

Theory classes (Hours)		Practical Classes (Hours)	Examination conducted
Online	Physical	Online: 54 Hrs Physical: 90 Hrs	02-Ward-leaving exam for two batches (MBBS 2019)
3 Hrs	5 Hrs		

4.2. Teaching Learning Methods Adopted

1. Didactic lectures
2. Small group discussions
3. Case-focused instruction
4. Integrated teaching modules in collaboration with other departments

4. 3. Details of Academics and Training:

i. Conferences/CME/Workshops attended:

Dr Neemu Hage

1. International Webinar on Vertigo & Balance Disorders at The American Institute of Balance-India on May 28, 2021 7:30 pm.
2. Workshop on 'BMJ Case Reports' at BMJ on une 21, 2021: 3:00pm to 3:45pm.
3. Online training on "Qualitative Research techniques" at Odisha Social Science Research and Consultancy on Jan 15th to Mar 6th, 2022: Sat and Sun 7 - 9 pm.
4. Online Workshop on Sample Size Estimation at Department of Biostatistics, JIPMER, Pondicherry on April 6th and 7th, 2022: 9.00 am to 5.15 pm.
5. Webinar on 'How to write a Medical Book that sells' at Taylor and Francis Group on November 26, 2021: 4:00 pm to 5:00 pm.

ii. Conferences/CME/Workshops organised:

1. National online CME on 'Vertigo and Imbalance: Path to Equilibrium' on 20th and 21st September 2021.
2. National online CME on 'World Hearing Day 2022: To Hear for Life, Listen with Care' on 3rd March 2022.

iii. Lectures delivered:

Dr. Neemu Hage delivered lecture on Institute: Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyangjan) at Regional Centre - Secunderabad Technology Enhancement Series Online STP Webinar on 'Neuroimaging Techniques for Assessment of Voice, Language, Speech, and Hearing Disorders.' Lecture topic: Neuroimaging in understanding Auditory, Speech and Language Processing on 23.12.2021

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. Rigid endoscopy unit with provisions for Nasal, Ear and Laryngeal video endoscopy
2. FiberopticNasopharyngolaryngoscopy with Stroboscopy with Voice analysis
3. Standard operating Microscope

6. RESEARCH

6. 1. Publications

1. Garg LN, **Singh NK**, Kappagantu KM, Yadav A. Spreader Graft Placement: An Effective Procedure for Alleviation of Internal Nasal Valve Collapse. J Oral Maxillofac Surg. 2021;79(10):2134-2142. doi: 10.1016/j.joms.2021.05.034

1. **Singh NK, Hage N, Ramamourthy B, MedhaKappagantu K**. COVID 19 associated Rhino-Orbital- Cerebral Mucormycosis: A proposed Classification and Treatment Strategies [published online ahead of print, 2022 Apr 8]. Infect Disord Drug Targets. 2022; 10.2174/1871526522666220408110135. doi:10.2174/1871526522666220408110135.
2. **Ramamourthy B**, Arora K, Bal A, Patro SK. Severe Snoring in a Young Healthy Female: A Diagnostic Surprise. Indian Journal of Otolaryngology and Head & Neck Surgery. 2021 Jul 7:1-5.
3. Arora K, **RamamourthyB,**Mohindra S. RhinocerebralMucormycosis with Petrositis Presenting with Gradenigo's Triad: A Diagnostic Dilemma. Int J Otorhinolaryngol Clin 2021;13(2):40–42.
4. Verma R, **HageN**, Gude, G. Management dilemmas of tracheal paraganglioma: a case report and review of literature. Annals of the Royal College of Surgeons of England, 10.1308/rcsann.2021.0311. Advance online publication. https://doi.org/10.1308/rcsann.2021.0311
5. Muraleedharan M, Panda NK, Patro SK, Sharma V, **Hage N**. Surgical tracheostomies in SARS-CoV-2-positive patients: The otolaryngologists' perspective. Annals of Indian Academy of Otorhinolaryngology Head and Neck Surgery. 2021 Jul 1;5(2):73.
6. Jain R, Bhandari S, Prakash G, **Hage N**. The relevance of extra-nodal natural killer/T-cell lymphoma to the oral health care providers- A clinical review with case report. J Oral Biol Craniofacial Res. 2021 Jul 1;11.
7. Mehta A, Rathod R, Arora K, Virk RS,**Hage N**, Basotia A, et al. Endoscope Assisted Combined Drainage of Sino-Orbital Abscess: Technique Revisited. Indian J Otolaryngol Head Neck Surg [Internet]. 2021 Jul 9; Available from: https://doi.org/10.1007/s12070-021-02751-1
8. Pal, R., Singh, B., Bhadada, S. K., Banerjee, M., Bhogal, R. S., **Hage, N**., & Kumar, A. (2021). COVID-19-associated mucormycosis: An updated systematic review of literature. Mycoses, 64(12), 1452–1459.

6.2 Projects:

i. Intramural

Investigators Name	Role	Title of the Project	Status
Dr NeemuHage	Co-PI	Zinc deficiency- A harbinger of vestibular and cognitive dysfunction.	Ongoing

7. PATIENT CARE / HOSPITAL SERVICES

Type of services/ Facilities provided by the department	Number of patients covered
OPD	3642
IPD	31
Operative	25

8. MAJOR EVENTS OF THE DEPARTMENT



3 March 2022
Online CME on World Hearing Day 2022
Hear for Life, Listen with Care



5 March 2022
Health camp in collaboration with the Department of Community and Family Medicine
at Bommalaramaram Primary Health Centre

DEPARTMENT OF FORENSIC MEDICINE AND TOXICOLOGY

1. Highlights

Department of Forensic Medicine and Toxicology was established in October 2020 and is actively engaged in varied activities of teaching, training and research. The faculty practice new and innovative techniques like role play, case discussions, quiz programmes, etc. to help MBBS undergraduate students understand several aspects of the subject. Academic teaching activities also extend to trainee judges and trainee police. Post-Graduate Course in Forensic Medicine started in February 2022. The Department has conducted CME and workshops on various topics to train Doctors, Nurses, Lawyers and everyone involved in handling medicolegal cases. Future plans include establishing state of the art mortuary, a Clinical Forensic Unit to examine, assess and issue certificates for medicolegal cases and a one stop crisis centre/Sakhi to cater to all the survivors of sexual assault. The faculty actively involved took part in sports and other extracurricular activities, winning several prizes in the Annual Sports Carnival and debate competitions among others.

2. Faculty and staff





Dr.Pragnesh Parmar
Additional Professor &HoD
Experience: 12 years



Dr.Yadukul. S
Associate professor
Experience: 9 years



Dr. Prashanth Mada
Assistant Professor
Experience: 12 years



Dr.Divya Reddy Pannala
Senior Resident
Experience: 2 yaers



Dr.Kamakshi Nayyar
Junior Resident
MD Student

3. Staff: Date Entry Operator (1); Attender (1)

4. ACADEMICS

4. A. Teaching for MBBS

Name of faculty	Theory classes (Hours)	Practical Classes (Hours)
Total	95	41

4. B. Teaching Learning Methods Adopted:

MBBS

1. Small group discussion (SGD),
2. Role play (RPL),
3. Case based discussion (CBD),
4. Live Demonstrations (LD) and Quiz

The PG course started on 1st February, 2022. 1 PG student was admitted.

Day	9 am- 1 pm	1-2 pm	2-5 pm
Mon	Medicolegal Case Tutorials	Lunch	Seminar
Tues	Medicolegal Case Tutorials	Lunch	Thesis Discussion
Wed	Medicolegal Case Tutorials	Lunch	Practical class
Thu	Theory Class	Lunch	Practical class
Fri	Medicolegal Case Tutorials	Lunch	Journal Club
Sat	Theory Class		

4. C. Examination & Assessment

Total Number of exams conducted were 4. The results of the first professional MBBS regular examinations for MBBS 2019 batch of 50 students were: a) The pass percentage was 98% b) Number of first-class students: 23 c) Number of distinctions: 16

4. D. Details of Academics and Training

Conferences/CME/Workshops/Guest Speakers:

i. Lectures delivered

Dr.Pragnesh Parmar

1. Audio-Visual recording of Consent on 7th October, 2021 at DY Patil, Kolhapur.
2. The MTP (Amendment) Act, 2021 on 29th October, 2021 at SRM Medical College, Chennai.
3. Thermal Deaths on 27th November 2021 at Chettinad Academy of Research and Education, Tamil Nadu.
4. Thanatology on 20th December, 2021 at SIFS.
5. Post mortem changes on 22nd December, 2021 at SIFS.
6. Laws related to Environmental Protection: Hospital Induced Environmental Toxicity in ISTTP on 27th March, 2022 at Raj Rishi Govt. Autonomous College, Rajasthan.
7. Integrated Forensic Approach to Solve Crime: Challenges and Way Forward in 4th International Conference on Forensic Odontology and Child Abuse held from 28th to 31st March, 2022 by KGMU, Lucknow.

Dr.Yadukul S

1. Dr.Yadukul S Delivered a Guest Lecture on the topic 'Medico-legal issues in clinical practice' on 23rd May 2021organised by the WHITE ARMY.

2. Dr.Yadukul S as Guest speaker on the topic "Organophosphorus poisoning" on 3rd September 2021 for the WHITE ARMY.

Dr. Prashanth Mada

1. Dr. Prashanth MadaDelivered guest lecture titled 'Application of Modern Methods in Exhumation', at State Level CME based on the Theme: Application of Modern Tools in Identification of deceased and establishment of cause of death conducted by Department of Forensic Medicine & Toxicology, Kakatiya Medical College, Hanumakonda on 18th December 2021.

ii. Conferences/CME/Workshops organised

1. Organized Dead body management in Covid 19for the Nursing Officer of AIIMS, Bibinagar on 1-5-2021
2. CME on violence on doctors was organised on 1st July 2021.
3. 17th Annual International Conference by South Indian Medicolegal Association was conducted on 5th& 6th October 2021.

iv. Papers presented:

1. Dr.Pragnesh Parmar – presented an e-poster at 23rd Annual Conference of Medico-legal Association of Maharashtra organized by TN Medical College, Mumbai held on 11-4-2021.
2. Dr.Yadukul - e-Poster presentation on the topic "Use of Fingerprint biometric in workplace during COVID times: A Critical viewpoint" in 4th International e-Conference on Fingerprint analysis on 24th& 25th April 2021.

v. Fellowships:

Dr. Prashanth Mada

1. Successfully completed Basic Course in Biomedical Research (BCBR) with a consolidated score of 77%.
2. Enrolled in One-year advance diploma in Criminal Law Forensic Sciences through distance mode in Directorate of Distance Education NALSAR (The National Academic of Legal Studies and Research, Hyderabad)

3.Certified for the six-hour course on: Good Clinical Practice by NIDA Clinical Trials Network.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. Weapons specimens – 101, Poisons specimens – 97
2. Articulated skeleton – 1, Articulated pelvic Bones – 2, Disarticulated skeleton – 2 sets
3. Charts – 54, Post Mortem Instruments Set – 4
4. Cold Storage – 1 (6 boxes), Osteometric Board – 1. Infantometer – 1
5. Student Microscopes – 20, Binocular Microscope with attached PC- 1, Microscope – 1
6. X-ray Illuminator – 10, Forensic slides – 10, Palm Scanner – 1, Fingerprint scanner – 1

6. RESEARCH

6.1 Publications:

1. **Parmar P**, Rathod G. Selection of appropriate journal for publication – Crucial step for promotion. Journal of Forensic Medicine Science and Law, 2021; 30(2): 86-87.
2. **Pragnesh Parmar**, Gunvanti Rathod. Current trends of social media in medical education. IAIM, 2021; 8(3): 55-56.
3. Parmar P, Goyal PK, Rathod G. Amendments in Medical Termination of Pregnancy in 2021. J Punjab Acad Forensic Med Toxicol. 2021; 21(2): 5-6.

4. **Yadukul S, Pragnesh Parmar, Prashanth Mada**, Reddy DP, Srirambhatla Annapurna. Use of fingerprint Biometric in the workplace during COVID times: a critical viewpoint. Int J Health Res Medico Leg Prae 2021 JanJun;7(1):109-111. Doi: 10.31741/ijhrmlp.v7.i1.2021.21.
5. **S Yadukul, Parmar P, M Prashanth, Reddy Divya**, SAnnapurna : Covid-19 vaccination for children in India:Queries and Clarifications regarding consent. Indian JPrev Soc Med, 2022; 53 (1): 69-72.

6.2. Awards, Honours and significant events:

Dr.Pragnesh Parmar

1. 2nd Prize in e poster presentation on 11-04-2021 in 23rd Annual Conference of Medico-legal Association of Maharashtra organized by TN Medical College, Mumbai.
2. Nominated as Vice President, Global Academy of Forensic and Investigative Medicine and Science (GLAFIMS) from 1st January, 2022 to 31st December, 2022.
3. Nominated as Executive Member, Punjab Academy of Forensic Medicine and Toxicology (2022-2025)

Dr.Yadukul S

1. Won 3rd Prize in e-Poster presentation on the topic "Use of Fingerprint biometric in workplace during COVID times: A Critical viewpoint" in 4th International e-Conference on Fingerprint analysis on 24th&25th April 2021.
2. Won 3rd prize in E-Poster presentation as Co-Author on the topic "Saliva based rapid antigen test for SARS-CoV-2 DETECTION: A Critical viewpoint in 5th International e-Conference on Forensic Odontology on 29th& 30th May 2021organised by International Association of Scientists & Researchers, New Delhi.
3. Scientific committee member in 6th International e-Conference on "Cyber & Digital Forensics" on 26th& 27th June 2021.
4. Organising Secretary for organizing National CME on the topic "Assault on Healthcare workers: ways to overcome" on 1st July 2021 in our Institute.
5. Jury member for e-Poster presentation in 8th International e-Conference on "Forensic Medicine & Toxicology" on 28th& 29th August 2021.
6. Organizing Secretary of International Conference of SIMLA (South India Medico-legal Association) 2021 on 5th& 6th October 2021 in our Institute.
7. Chairperson in KAMLSCON 2021: 29th Annual Conference of Karnataka Medico-legal Society on 3rd& 4th December 2021.
8. Chairperson in "RAFT - 2022" (Reformation & Advancement of Forensic Medicine & Toxicology) on 23rd& 24th February 2021organised by AarupadaiVeedu Medical College & Hospital Vinayaka Mission's Research Foundation (Deemed to be University) Puducherry.
9. Chairperson in "3rd Annual AIIMS Forensic Guild Conclave-2022" on 24th& 25th March 2021 organised by Department of Forensic Medicine and Toxicology, AIIMS, Bathinda.

Dr. Prashanth Mada

10. As member of scientific committee prepared and conducted postgraduate quiz competition in the CME with the theme: "Providing Solutions to Practical Challenges of Medico Legal Professionals" as a part of Dr K S Narayan Reddy Memorial event by Department of Forensic Medicine & Toxicology, Osmania Medical College, Hyderabad on 26/03/2022.
11. As member of scientific committee was jury for the postgraduate poster presentation in the CME with the theme: "Providing Solutions to Practical Challenges of Medico Legal Professionals" as a part of Dr K S Narayan Reddy Memorial event by Department of Forensic Medicine & Toxicology, Osmania Medical College, Hyderabad on 26/03/2022.

12. As a member of scientific committee moderated the paper presentations of postgraduates during the 17th Annual International Conference of South India Medicolegal Association with the theme "Integrated Forensics – A Multidisciplinary Approach to Solve Crime" conducted by Department of Forensic Medicine & Toxicology, AIIMS, Bibinagar, Hyderabad from 05/10/2021 to 06/10/2021.

6.3 Projects:

i. Intramural (Funded)

Name	Role	Title of the Project	Status
Dr.Yadukul S	PI	Estimation of Chronological Age by X-ray findings among Adolescent & Elderly age group which are of Medico-legal importance	Ongoing
Dr. Prashanth Mada	PI	Study to evaluate the role of clinical infection score in the differentiation of bacterial and viral infections	Ongoing

i. Non-funded projects

Name	Role	Title of the Project	Status
Dr.Pragnesh Parmar	PI	Open book examination as a tool for revision in Forensic Medicine	Ongoing
	PI	Perceptions of undergraduate students regarding App based learning as a toll for revision	Ongoing
	PI	Association of fingerprint pattern with gender and ABO, RH blood group among medical students of AIIMS Bibinagar	Ongoing
Dr.Yadukul S	PI	Correlation of Gender & Stature with Anthropometric measurements of different body parts	Ongoing
	PI	Medical Graduate's Perspective On Forensic Medicine As A Career Option: A Survey Based Study	Ongoing
	PI	Critical evaluation of crimes reported in Hyderabad during 2019	Ongoing
Dr. Prashanth Mada	PI	A cross sectional questionnaire-based study to assess awareness and knowledge of Good Samaritan Law in population of Telangana	Ongoing

7. DEPARTMENT ACHIEVEMENTS:

PG (MD) in Forensic Medicine started with 1 resident per session in February 2022. Memoranda of Understanding, was signed with National Forensic Sciences University, Gujarat on 21st September 2021for collaborative research between students and faculty of both the institutes. SIMLA (South India Medico Legal Association) Annual International conference with the theme Integrated Forensics – A Multi-disciplinary Approach to solve crime was organized on 5th & 6th October 2021.

8. MAJOR EVENTS OF THE DEPARTMENT

<table>
<tr><td>  </td><td>  </td></tr>
<tr><td>1 May 2021
Virtual Workshop: Dead body management in Covid 19 :Organised for the Nursing Officer of AIIMS, Bibinagar</td><td>18 July 2021
Foundation Day: Inaugurated by Shri Bandi Sanjay Kumar Garu, Hon’ble Member of Parliament (Lok Sabha) and IB member</td></tr>
<tr><td> 
</td><td>  </td></tr>
<tr><td>5 – 6 October 2021
17th Annual Conference of South India Medico Legal Association: SIMLA</td><td>17 August 2021
PG (MD) Assessment by
Dr. Sanjeev Lalwani Professor, FMT
AIIMS, New Delhi and
Dr. Manoj Kumar Mohanty, Professor and Head
FMT, AIIMS, Bhubaneswar</td></tr>
</table>

DEPARTMENT OF GENERAL SURGERY

1. Highlights

At the Department of Surgery, AIIMS Bibinagar, OPD services were started with aim to provide efficient services to all patients. The team of Surgeons is dedicated, patient, compassionate, capable and work toward fulfilling all the General Surgical needs of our patients. Clinical diagnostic services that cover all aspects of the general surgical spectrum including diseases of thyroid, breast (lumps, both benign and malignant), abdominal pain/lump, inguinal/perineal disease, hemorrhoids, fissures, fistula, varicose veins, various superficial lumps and ulcers.In addition to OPD diagnostic services, surgical procedures like minor superficial debridement of ulcers with dressing, drainage of superficial abscess/paronychia, excision of superficial cysts etc. can be done in the OPD. An operation theatre has been established in the hospital and has been functioning since November 2021 and many surgeries performed. The Department also has the responsibility of training young undergraduate students in the art and science of Surgery to make them efficient Doctors with a good and strong foundation in surgical craft.

2. Faculty and staff





Dr. S Siddharth Rao
Associate Professor &
In-Charge HoD
Experience: 13.5 years



Dr. Krishna Ramavath
Assistant Professor
Experience: 4 years



Dr. A. NynaSindhu
Assistant Professor
Experience: 4 years



Dr. Tushar Parmeshwar
Assistant Professor
Experience: 5 years



Dr. Gopi Singh L
Senior Resident
Experience: 5 years



Dr. Harshita Rani
Senior Resident
Experience: 1 year



Dr. Srinivas Kalyam
Senior Resident
Experience: 7 years

3. Staff: Junior Residents – 2; Staff Nurses – 7; Attendant - 1

4. ACADEMICS

4. A. Teaching:

Theory classes (Hours)	Practical Classes (Hours)	Examination conducted
60	240	20

4. B. Teaching Learning Methods Adopted:

1. Student Seminars
2. Bedside clinics
3. OPD clinics
4. Small Group teaching in OT
5. Large group teaching - Didactic lectures.
6. Video based surgical procedure teaching
7. Integrated teaching vertical/horizontal

4. C. Details of Academics and Training:

i. Conferences/CME/Workshops/Guest Speaker

Dr. Nyna Sindhu

Basic biomedical research course and exam at ICMR in September 2021 Online course and exam in Hyderabad.

ii. Conferences/CME/Workshops organised

1. Organized National CME on Updates in Breast Cancer on 28/10/21 in collaboration with Dept. of Pathology and Lab Medicine.
2. Held workshop on Self Breast Examination on Oct 25/10/21.

iii. Fellowships:

1. **Dr. NynasindhuAkula** completed 77th AMASI skill course for FMAS and exam on 3rd to 5th June 2021and was awarded Fellowship in Minimally Invasive Surgery (FMAS).
2. **Dr. Tushar Parmeshwar** completed 78th AMASI Skill course, AMASI, 2021, August and was awarded a Fellowship in Minimally Invasive Surgery (FMAS).
3. **Dr. Krishna Ramavath** completed 78th AMASI Skill course, AMASI, 2021, August and was awarded Fellowship in Minimally Invasive Surgery (FMAS).

5. RESEARCH

5.1 Publications

1. **Nynasindhu A**, Palavalasa S. Chronic umbilical abscess secondary to a patent urachus in a 30 years male: a case report. Int Surg J 2021;8:2845-7.
2. **Ramavath K**, **Rao SS**, **Sindhu N, Paremshwar T**, Palle P. COVID-19 gastrointestinal manifestation presenting as acute surgical-like abdomen. Int Surg J 2021;8:2848-2851.
3. **Ramavath K, Rao SS, Sindhu N**, Nagaraj SS, Palle P. Conservative management of subcutaneous emphysema and pneumomediastinum in a COVID-19 viral pneumonia patient-case report. Int Surg J2021;8:2813-5.
4. **Akula NS**, Krishna N, Sathu S. A comparative study of efficacy of povidone iodine versus super oxidized solution in lower limb ulcers. J Evolution Med Dent Sci 2021;10937): 3220-3224,
5. **Krishna R**, Satish Subbiah Nagaraj, Pranay Palle, Charan Singh. The impact of COVID-19 related lockdown and restrictions on general surgery resident training program in India-

outcome of a survey. Int Surg J. 2021;8:2750-55.

6. **Krishna R**, Kailash K, Satish Subbiah SN, Kaman L, Arunanshu Behera, Cherring T. Successful surgical management of primary abdominal wall mucormycosis in an immunocompetent patient. Int Surg j. 2021;8:2196-98.
7. Arunanshu Behera, CherringTandup, Swapnesh K. Sahu, **Krishna R**et al. Demographic Patterns, Risk Factors, and Outcomes of Abdominal Aortic Aneurysms in Young Adults ≤55 Years: An Experience in a Tertiary Care Centre of India. Cureus.2021 (22):10.7759/cureus.17372.
8. **Krishna R**, Venu Bhargav M, Satish SN, cherrungTandup. A Giant Peritoneal Loose Body- an enigma behind overstated treatment- Review of literature with one report. Draft submitted for publication in BMJ. BMJ Case Reports.

5.2. Projects:

i. Intramural

Investigators Name	Role	Title of the Project	Status
Dr. Krishna Ramavath, Dr. Tushar, Dr.Nynasindhu, Dr.Siddharth Rao	PI Co-PI	Management of chronic venous ulcers with four layered dressing as a part of compression therapy	Ongoing

ii. Non-Funded

Investigators Name	Role	Title of the Project	Status
Dr.Lekha K, Dr.Tushar Parmeshwar	PI Co-PI	Relationship of loneliness with internet addiction in the medical students from a central institute post covid pandemic: A Cross sectional study	Ongoing

6. PATIENT CARE / HOSPITAL SERVICES

Type of services/ Facilities provided by the department	Number of patients covered
OPD services (Since 22 March 2021)	7682
Procedure room (Since June 2021)	1269
Major OT (Since November 2021)	55

8. MAJOR EVENTS OF THE DEPARTMENT



July 2021
Surgery IPD inauguration

National CME
Updates in Breast Cancer









1 November 2021
First Surgical Case

Breast Self Examination Workshop





DEPARTMENT OF INTERNAL MEDICINE

1. Highlights

The outpatient department services started on 2nd June 2020 amidst the COVID-19 pandemic. Started COVID-19 OPD and online consultation was given through E-sanjeevani from April 2021. Services resumed on 5th November 2020 and catered to about 22567 outpatients and more than 250 emergencies (till 31st March 2022). The department contributes to approximately 26% of the total outpatient strength. It caters to chronic non-communicable diseases (NCD) like Hypertension, Type 2 diabetes mellitus, Ischemic heart disease, COPD, CKD, liver disease, Joint and collagen vascular disease, etc. Department also offers medical check-ups and fitness for employees. Communicable diseases like Malaria, Enteric fever, Hepatitis, Dengue, COVID-19, etc seen. Diagnostic services like 12-lead electrocardiogram, point-of-care blood sugar monitoring, and 2D Echocardiography are present. On average 1000 ECGs/ month and2D Echo service extended to about 25 patients from the community. Emergency services offered to patients with seizures, acute coronary syndromes, COPD exacerbation, stroke, etc. In-patient services commenced on 1st July 2021 with 50 beds; escalated to 100 beds. Approximately 300 admissions in IPD to date. High dependency unit (HDU) with the latest facilities started recently; for critically ill patients like diabetic ketoacidosis, acute exacerbation of COPD, heart failure, etc.

2. Faculty and staff:





Dr.Sakthivadivel
Associate professor & I/C HOD
Experience: 13 years



Dr.Vishakha Jain
Assistant Professor
Experience: 14 years



Dr.Divya
Senior Resident
Experience: 0.8 years



Dr.Sugunakar Reddy
Senior Resident
Experience: 0.11 years



Dr. Vijaya
Senior Resident
Experience:1 year



Dr.Utheja
Senior Resident
Experience: 0.3 years

3. Staff: Junior Residents – 6; ECG technician – 1; Staff Nurses – 8; DEO-1; Attendants – 2

4. ACADEMICS

4.1. Teaching:

2019 batch					
Theory Classes (Hours)		Practical Classes (Hours)		Examination conducted	
Online	Physical	Online	Physical	Online	Physical
15	54	21*3 = 63 hrs	141*3= 523	1	9
2020 batch					
Theory Classes (Hours)		Practical Classes (Hours)		Examination conducted	
Online	Physical	Online	Physical	Online	Physical
4	17	20 *3= 60 hrs	89 *3 = 267	1	5

Undergraduate teaching:

At present, the department of Internal Medicine is teaching 2 batches (2019 and 2020 batch) of undergraduate students. The department is actively involved in making the curriculum for undergraduates. The department tries to utilize innovative and interactive teaching methods for better student engagement and making learning more interesting. The 2019 batch in 6th semester has 2 theory classes in a week and bedside clinics daily 6 days/week. 2020 batch in 4th semester has 1 theory class in a week and bedside clinics daily 6 days/week.

PG assessment:

The department of Internal Medicine has recently applied for starting MD in Internal Medicine and is likely to admit its 1st postgraduate in the July 2022 session. The faculty in the department has drafted the curriculum for post-graduation and defined competencies which needs to be achieved during the course. A log-book has also been designed by the faculty with special emphasis on skills assessment as well as professionalism.

Departmental activity for JRs and SRs:

Since its inception, the department of internal Medicine has been engaging JRs and SRs in academic departmental activities which focus on subject knowledge application, critical appraisal of medical literature, recent advances etc.

4. 2. Teaching Learning Methods Adopted:

1. Interactive lectures
2. Case based teaching, OPD based clinical teaching
3. Bed-side clinical teaching, Nesting and collaborative Teaching and Learning.
4. Integrated teaching with various departments

Integrated teaching	**Topics**	**Faculty**
Biochemistry, Internal Medicine	Obesity	Dr Sakthivadivel
Pathology , Internal Medicine	Liver cell failure	Dr.Vishakha Jain
Internal Medicine & General Surgery	GERD Liver transplantation	Dr.Vishakha Jain
Internal Medicine, Ophthalmology, ENT & CFM	Extrapulmonary tuberculosis on World Tuberculosis Day, 24th March 2022	Dr Sakthivadivel

4. 3. Academics and Training

i. **Conferences/CME/Workshops/Guest speaker:**

1. Organised a National hybrid CME along with department of Microbiology on “Hepatitis B: Mitigation and a step towards elimination” on occasion of World hepatis day 28th July 2021 at AIIMS, Bibinagar.
2. Organised an Integrated teaching programme for 2019 batch on extrapulmonary tuberculosis in collaboration with departments of ENT, Ophthalmology and CMFM on the occasion of World tuberculosis day 24th March 2022.

ii. Lectures delivered:

Dr.Sakthivadivel

1. Lecture on Extrapulmonary Tuberculosis World tuberculosis day , 24th March 2022 AIIMS, Bibinagar (HMR), Telangana
2. Therapy of Myocardial Infarction, SRM-Chennai, on 13.07.2021
3. Diabetic Retinopathy, AIIMS Bibinagar on August 2021
4. Let's Talk About Dementia AIIMS Bathinda on 21.09.2021
5. ECG, Blood transfusion and fluid and electrolyte imbalance Nursing Officers faculty development programme Organized by HRD cell , AIIMS Bibinagar 11th -14th August 202
6. Chairperson 1st SZ & amp; SMZAPICON & 17th TAPICON 2021 on 27.11.2021

Dr.Vishakha Jain

1. Nursing Officers faculty development programme Organized by HRD cell, AIIMS Bibinagar 17th -20th August 2021.
2. Advanced Bariatric nutrition – online, October - December 2021. "Management of hypoglycemia post bariatric surgery on 18th December 2021 and "Treatment pyramid of Obesity and Pharmacological management of Obesity" on 13th. November 2021.
3. "Candid conversations" on 31st December 2021 and discussed CBME curriculum and Medical education in India.
4. Online panel discussion Team Academia IAPSM eConnect Approaching Guide and Choosing Topic for ICMR STS 28th Jan, 2022.
5. Hospital acquired infection and Bundle care Workshop on Hospital infection control AIIMS, Bibinagar from 21st March to 23rd March 2022.
6. Women in Medicine – perspective in 2022 AIIMS Bibinagar on 2nd March 2022
7. Oxygen stewardship program for districts of Telangana Conducted by AIIMS Bibinagar in collaboration with Telangana government along with USAID, JHPEIGO and RISE on 12th January 2022.

iii. Papers presented:

Dr. Vishakha Jain

1. Internal diabetes federation (IDF) – World Diabetes Conference (online) from 6th -11th December 2021.
2. Poster presented: "Cardiac structure and function in prediabetes patient : a cross sectional study"

iv. Short term/Long term training programmes:

Dr.Vishakha Jain

1. Deputed from AIIMS Bibinagar Workshop on Hospital administration at National institute of Health and family welfare (NIHFW), New Delhi from 9th -12th August 2021.
2. Workshops on Medical education – skill labs, Pedagogical log books, workplace based assessment 12th National Conference on Health Professions Education at Sri Guru Ram Das University of Health Sciences, Sri Amritsar on 26th -30th October, 2021.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. Emergency services
2. Outpatient department services
3. Inpatient services
4. Internal Medicine High dependency unit (HDU)
5. Diagnostic services (RBS, ECG, 2D ECHO)
6. Injection, Dressing and wound care

6. RESEARCH

6.1. Publications

1. Radhika, Jyothi Tadi Lakshmi, KaliappanAriyanachi, **Sakthivadivel V**. Detection of Metallo Beta Lactamase producing Pseudomona Aeruginosa at a tertiary care hospital, Ghanpur, Medchal. MAEDICA a Journal of Clinical Medicine. 2022; 17(1): 151-159
2. Gaur A, **Sakthivadivel V,** Nachimuthu M, Ghosh S. A comparative study of metabolic parameters in the diet-induced obesity model of rats. Natl J Physiol Pharm Pharmacol 2022;12 (Online First). DOI: 10.5455/njppp.2022.12.07228202106092021
3. Jyothi L, K A, M S, Dara C, **Sakthivadivel V**, Sandepogu TS, Gaur A. Audits of Antimicrobial Usage in a Tertiary Care Center in Hyderabad. Cureus. 2022 Jan 11;14(1):e21125. doi: 10.7759/cureus.21125. PMID: 35165580; PMCID: PMC8830743.
4. Geetha J, **Sakthivadivel V**, Gaur A. Assessment of Fall Risk in Elderly Rural Population. Maedica (Bucur). 2021 Dec;16(4):609-614. doi: 10.26574/maedica.2021.16.4.609. PMID: 35261662; PMCID: PMC8897804.
5. **Sakthivadivel V**, Bohra GK, Maithilikarpagaselvi N, Khichar S, Meena M, Palanisamy N, Gaur A, Garg MK. Association of Inflammatory Markers with COVID-19 Outcome among Hospitalized Patients: Experience from a Tertiary Healthcare Center in Western India. Maedica (Bucur). 2021 Dec;16(4):620-627. doi: 10.26574/maedica.2021.16.4.620. PMID: 35261664; PMCID: PMC8897805.
6. S Appandraj, V Sivagamasundari, **V Sakthivadivel**. Role of JIGSAW method of teaching in improving clinical diagnosis among final year medical students–A prospective observational study. Asian Journal of Medical Sciences 12 (12), 44-49
7. Ganesan V, Sundaramurthy R Sr, Thiruvanamalai R, Sivakumar VA, Udayasankar S, Arunagiri R, Charles J, Chavan SK, Balan Y, **Sakthivadivel V**. Device-Associated Hospital-Acquired Infections: Does Active Surveillance With Bundle Care Offer a Pathway to Minimize Them? Cureus. 2021 Nov 7;13(11):e19331. doi: 10.7759/cureus.19331. PMID: 34909294; PMCID: PMC8651063.
8. Balan Y, Gaur A, **Sakthivadivel V**, Kamble B, Sundaramurthy R. Is the Gut Microbiota a Neglected Aspect of Gut and Brain Disorders? Cureus. 2021 Nov 19;13(11):e19740. doi: 10.7759/cureus.19740. PMID: 34938619; PMCID: PMC8684598.
9. Jisamerin J, Mohamedkalifa A, Gaur A, Geetha J, **Sakthivadivel V**. Dengue: A Neglected Disease of Concern. Cureus. 2021 Oct 5;13(10):e18500. doi: 10.7759/cureus.18500. PMID: 34692260; PMCID: PMC8526076.
10. Ariyanachi K, Lakshmi Jyothi Tadi, Vidhya Meena S , ShaziaNaaz , Sivakumar M , **Sakthivadivelu.** Arthritis drug Tocilizumab - Lifesaving? off-label? A review. International Medical Journal. 2021, 28(08), 5681-87.
11. A Mohamedkalifa, A Gaur T, J Geetha, **Sakthivadivel V**. Silent Myocardial Ischemia in patients with type 2 diabetes mellitus by tread mill test. International Journal of Health and clinical research, 2021;4(17);1-4
12. Selvi NMK, Nandhini S, **Sakthivadivel V**, Lokesh S, Srinivasan AR, Sumathi S. Association of Triglyceride-Glucose Index (TyG index) with HbA1c and Insulin Resistance in Type 2 Diabetes Mellitus. Maedica (Bucur). 2021 Sep;16(3):375-381. doi: 10.26574/maedica.2021.16.3.375. PMID: 34925590; PMCID: PMC8643546.
13. Narang R, Deshmukh P, **Jain V**. COVID-19 vaccination in India- from hesitancy to shortage. J Mahatma Gandhi Inst Med Sci 2021;26:1-2
14. Tikka SK , Malathesh BC , Arora AJ, Murthuza S, Garre S , **Jain V**.A case of acute onset post covid delusional parasitosis: manifestation of possible NeuroCovid or of covid infodemic ? Indian Journal of Psychological Medicine , Vol 20 (10):1-2
15. **Jain V**, Bade Sunil, Gupta OP. Admission hyperglycemia. And adverse clinical outcomes in critically-ill patients: a prospective, observational study. J diabetes EndocrPract 2021; 4:23-9.

6.2. Books / Chapters

1. TB lathia, Jain **Vishakha**. Re-emergence of comorbidities after bariatric surgery. A G Bhasker et al (editors) in Text book of Management of nutritional and metabolic complications of bariatric surgery. Springer Nature Singapore pvt ltd 2021. Chapter 22: 329-343.

6.3. Projects:

i. **Extramural**

Name	Role	Funded by	Title of the Project	Status
Dr Sakthivadivel	Co-PI	UK-ICMR	An open-label, multicentre, randomised, adaptive platform trial of the safety and efficacy of several therapies, including antiviral therapies, versus control in mild / moderate cases of COVID-19 "Randomised evaluation of covid-19 therapy"	Ongoing
Dr.Vishakha Jain	Co-PI	ICMR	ICMR's National hospital-based registry on venous thromboembolic disorders	Ongoing

ii. Intramural

Name	Role	Title of the Project	Status
Dr Sakthivadivel Dr.Vishakha Jain	PI Co-PI	Role of novel urinary markers in diabetic nephropathy.	Ongoing
Dr Sakthivadivel	Co-PI	Association of Serum cathelicidin levels with treatment outcomes in newly diagnosed tuberculosis patients	Ongoing
	Co-PI	Association of neurotrophic factors with diabetic neuropathy.	Ongoing
	Co-PI	A study of post COVID-19 arthritic manifestation in Telangana	Ongoing
	Co-PI	Temperature threshold testing for small fibre neuropathy in type II Diabetes Mellitus and its association with duration of diabetes	Ongoing
	Co-PI	Clinical and immunological responses to COVID-19 vaccination in Rheumatoid arthritis patients on treatment with DMARDs– A Prospective Cohort Study.	Ongoing
	Co-PI	Genetic epidemiology of familial hypercholesterolemia in Yadadri-Bhongir district of Telangana- A pilot study	Ongoing
Dr Sakthivadivel Dr.Vishakha Jain Dr.Sugunakar Reddy	Co-PI Co-PI	Clinical profile of Indirect Hyperbilirubinemia in Adults	Ongoing
Dr Sakthivadivel	Co-PI	A study to evaluate the role of clinical infection score in the differentiation of bacterial and viral infections	Ongoing
Dr.Vishakha Jain	Co-PI	Etiology of acute undifferentiated fever in Yadadri-Bhuvanagiri district	Ongoing
	Co-PI	Comparative study of effect of Glycirrhizaglabra as an adjuvant to DOTS in patients of newly diagnosed sputum smear positive pulmonary Tuberculosis	Ongoing
	Co-PI	Evaluation of vestibular and proprioceptive component as a cause of Balance disorders in elderly	Ongoing
	Co-PI	Assessment of markers in CSF of SARS-CoV2 infected patients with neurological symptoms	Ongoing

	Co-PI	Isolation and identification of non -tuberculous mycobacteria from human and environmental samples in Yadadri-Bhuvanagiri district	Ongoing
	Co-PI	Assessment of public awareness on diabetes at AIIMS, Bibinagar	Ongoing
Dr Sakthivadivel Dr.Vishakha Jain	PI Co-PI	Autonomic dysfunction in patients with anxiety and depression – a cross sectional comparative study at tertiary care centre	Ongoing
Dr Sakthivadivel Dr.Vishakha Jain Dr.Divya S	PI Co-PI	Clinical profile of hypertension in young.	Awaiting IEC
Dr.Vishakha Jain Dr Sakthivadivel Dr.Vijaya	PI Co-PI	A study of awareness of diabetes and its complications in patients with Type 2 diabetes mellitus.	Awaiting IEC
Dr.Vishakha Jain Dr Sakthivadivel Dr.Utheja	PI Co-PI	Quality of life in patients with chronic headache – a case control study.	Awaiting IEC

ii. **Non-Funded Projects**

Name	Role	Title of the Project	Status
Dr.Vishakha Jain, Dr.Sakthivadivel V	PI Co-PI	Insulin therapy – perceptions , knowledge and practice among nursing professionals in tertiary care hospital	Ongoing

7. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

Crossed 100 patients/day in Internal Medicine OPD

8. PATIENT CARE / HOSPITAL SERVICES:

Type of services/ Facilities provided by the department	Number of patients covered	Remarks
Emergency services	61	
Outpatient services	19190	
In patient services	272	Started in July 2021
High dependency unit services	31	Started in February 2022
Diagnostics - ECG	5441	
Diagnostics – 2D Echocardiography	27	Started in February 2022

9. MAJOR EVENTS OF THE DEPARTMENT

	
28 July 2021 National CME on Hepatitis B: Mitigation and Working Towards Elimination	24 March 2022 World Tuberculosis Day celebration:

DEPARTMENT OF MICROBIOLOGY

1. Highlights

Department of Microbiology celebrated its Foundation Day graced by the presence of the President of AIIMS, Bibinagar, Prof. George A D' Souza and other dignitaries on October 7, 2021. PG assessment was completed successfully on 8th September 2021. The molecular virology lab continued to render yeoman service to the patients with timely RT-PCR tests in the midst of the COVID pandemic.

Poster Presentations by the MBBS students of 2019 batch — it was a veritable academic and visual feast. National level CME was conducted on "Hepatitis B - Mitigation and Working towards Elimination" on the occasion of World Hepatitis Day on 28th July 2021. Another highlight was the sanction of medical college level VRDL on 20 January 2022. The department organized a workshop on HICC as a part of Swachhta Action Plan over a six day period in March 2022. Nursing Officers Development Programme (NDP) and COVID Warriors training program reflected our responsibility towards the Institute. Faculty were active on the research front, with publications, fulfilled duties as external examiners for UG and PG. The academic year, April 2021 to March 2022, ended on a glorious note with the organization of the National Level VIROCON 2021 Conference from 26 to 28 March 2022 on the theme "Emerging and Re-emerging Viral Diseases — Climate Change Impacts and Mitigation" which was a resounding success.

2. Faculty and staff



3. Faculty & Residents

 **Dr. Rahul Narang** Professor & HOD Experience: 24 years	 **Dr. Lakshmi Jyothi Tadi** Additional Professor Experience: 14 years	 **Dr.Shalam Nikhat Sheerin** Associate Professor Experience: 11 years
 **Dr. Shyamala R** Associate Professor Experience: 13 years	 **Dr. Sunil Kumar D Chavan** Assistant Professor Experience: 8 years	 **Dr. Raja S** Assistant Professor Experience: 5 years
 **Dr. P Rajeshwari** Senior Resident Experience: 2 years	 **Dr. Yona. M** Senior Resident Experience: 0.5 years	 **Dr.Wajiha Iftekhar** Senior Resident Experience: 0.3 years

3. Staff:

Junior Residents	Lab technicians	DEO	Staff Nurse/ ICNs	Lab Assistant	Any other
2	9	1	2	1	3

4. ACADEMICS

4.1. Teaching:

Batch	Theory classes (Hours)	Practical Classes (Hours)	Examinations conducted
2019-2020 batch	63	80	3
2020-2021 batch	58	50	2
Total number	121	130	5

4. 2. Teaching Learning Methods Adopted:

1. Vertical & Horizontal Integrated teaching
2. Group Discussions, Tutorials, Case based Learning method
3. Seminar, Interactive teaching, Jigsaw Learning tool, Brainstorming

4.3. Details of Academics and Training:

i. Conferences/CME/Workshops/ Guest Speaker:

Dr Rahul Narang - Adjudged Oral and E-Poster Competitions for IAMM-TAPC State conference 2021 at Gandhi Medical College on 18/09/2021.

Dr Lakshmi Jyothi Tadi - Chairperson for Department of Microbiology- Annual Stock Verification for the year 2021-2022- Report Verified & Submitted at Dept of Microbiology, AIIMS Bibinagar on 08/04/2022

ii. Conferences/CME/Workshops organised:

1. CME on Hepatitis B – Mitigation And Working Towards Elimination Dept of General Medicine & Dept of Microbiology , AIIMS, Bibinagar on 28/07/2021
2. National conference on Virology -VIROCON 2021, Theme: Emerging and Re-emerging Viral Diseases- Climate Change Impacts and Mitigation at Dept of Microbiology, AIIMS, Bibinagar on 26/03/2022 to 28/03/2022.
3. Nursing Development Programme (NDP) held in August 2021 at AIIMS Bibinagar on August 2021
4. Integrated teaching on Antibiotic Susceptibility Testing conducted on 16-03-2022 with the Department of Pharmacology for the 2020 batch of MBBS students at Dept of Pharmacology, AIIMS, Bibinagar on 16/03/2022
5. Infection control workshop for SR's,JR's, Nursing officers, Technicians and Housekeeping staff from 21/03/22 to 23/03/22 and 28/03/22 to 30/03/22 as a part of Swachhata Action Plan Infection control committee, AIIMS Bibinagar 21/03/22 to 23/03/22 & 28/03/22 to 30/03/22.

iii. Lectures delivered:

Dr Rahul Narang

1. Brucellosis in International CME, Hyderabad on 24/07/2021.
2. One Health Symposium, Nagpur Veterinary College Nagpur on 22/02/2022.
3. One Health Paediatrics Symposium on 16/10/2021.
4. Undergraduate Research in India Cuttack, Odisha on 26/11/2021.
5. IAMM Symposium on Climate Change & Infectious Diseases at National Conference of IAMM-MICROCON 2021 Guwahati on 23/12/2021.
6. World TB day: Beyond Pulmonary and Extra-pulmonary TB- What NTEP can offer? at Deccan Medical College, Hyderabad on 24/03/2022.

Dr. Shalam Nikhat Sheerin

1. Nursing Development Programme (NDP) held in August 2021 AIIMS Bibinagar on August 2021
2. Training of COVID Warriors in January 2022, AIIMS, Bibinagar on January 2021
3. Integrated teaching on Antibiotic Susceptibility Testing conducted on 16-03-2022 with the Department of Pharmacology for the 2020 batch on 16/03/2022

Dr Sunil Kumar D Chavan

1. Needle stick injuries and Spill management in Nursing Development Programme held on 03/03/22 to 04/03/22 AIIMS, Bibinagar.
2. Workshop on Swachhata Action Plan conducted on 21/03/22 to 23/03/22 and 28/03/22 to 30/03/22 AIIMS, Bibinagar

Dr Raja S

1. 5th National workshop on Hospital Infection Control workshop held in JIPMER, Puducherry from 28/09/2021 to 02/10/2022

2. Standard precautions & Prevention of HAIs in Nursing Development Programme held on 03/03/22 to 04/03/22 at AIIMS, Bibinagar
3. Workshop on Swachhta Plan conducted on 21/03/22 to 23/203/22 by Infection Control Committee, AIIMS, Bibinagar.

iv. Papers presented:

Dr Shyamala R presented a poster in Pre Conference Workshop –Manipal University Malaysia (Virtual mode) on 06/08/2021.

v. Fellowships

1. Dr Lakshmi Jyothi Tadi has been enrolled for Fellowship in Diabetology.
2. Dr Shyamala R has completed FAIMER -Foundation for Advancement in International Medical Education and Research.

vi. Short term/Long term training programmes:

1. Dr Lakshmi Jyothi Tadi - SPSS workshop at AIIMS, Patna (7 days Workshop)
2. Dr Lakshmi Jyothi Tadi - 84th National Conference on Educational Science for Teachers of Health Professionals (Online) held At JIPMER Puducherry.
3. Dr Lakshmi Jyothi Tadi - Diagnosis of Rabies – 2 days Workshop
4. Dr Shyamala R - Qualitative Research Techniques from 15/01/2022 to 6/03/2022 from Odisha Social Science Research & Consultancy (online mode)
5. Dr Raja S is the Topper in "Shipping of Infectious Substances and Biological Specimens" Workshop conducted on 9 - 11 March 2022 in New Delhi by Sandia National Laboratories, USA and Selected as Trainer for the subsequent workshop.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

Bacteriology, Molecular Lab, Serology, Parasitology, Mycology, Mycobacteriology, Virology, HIC Lab, Media preparation room

6. RESEARCH

6.1 Publications:

1. Tandale BV, Bondre VP, Sapkal GN, Gopalkrishna V, Gurav YK, Rao RK, Qazi MS, **Narang R**, Guduru VK, Niswade AK, Jain M. Childhood encephalitis hospitalizations associated with virus agents in medium-endemic states in India. Journal of Clinical Virology. 2021 Nov 1;144:104970.
2. Roy S, Yadav S, Garg S, Deshmukh PR, **Narang R**. Evaluation of nested PCR and loop mediated isothermal amplification assay (LAMP) targeting 47 kDa gene of Orientia tsutsugamushi for diagnosis of scrub typhus. Indian journal of medical microbiology. 2021 Oct 1;39(4):475-8
3. Tandale BV, Bondre VP, Sapkal GN, Gopalkrishna V, Gurav YK, Rao RK, Qazi MS, **Narang R**, Guduru VK, Niswade AK, Jain M. Childhood encephalitis hospitalizations associated with virus agents in medium-endemic states in India. Journal of Clinical Virology. 2021 Nov 1;144:104970.
4. Roy S, Yadav S, Garg S, Deshmukh PR, **Narang R**. Evaluation of nested PCR and loop mediated isothermal amplification assay (LAMP) targeting 47 kDa gene of Orientia tsutsugamushi for diagnosis of scrub typhus. Indian journal of medical microbiology. 2021 Oct 1;39(4):475-8.
5. Shanmugasundaram D, Awasthi S, Dwibedi B, Geetha S, Jain M, Malik S, Patel B, Singh H, Tripathi S, Viswanathan R, Agarwal A, **Narang R**, et al. Burden of congenital rubella syndrome (CRS) in India based on data from cross-sectional serosurveys, 2017 and 2019–20. PLoS neglected tropical diseases. 2021 Jul 23;15(7):e0009608.
6. Sandeep P Chaudhari, Dewanand R Kalorey, Sudhakar P Awandkar, Nitin V Kurkure**, Rahul Narang**, Rajpal S Kashyap, Manju Rahi, Sukhadeo B Barbuddhe. Journey towards National Institute of One Health in India, Indian journal of medical research, 2021 March;vol 153 issue 3.

7. Arvinpreet Kaur, Mehak Chopra, Mahak Bhushan, Sonal Gupta, The Omic Insights on Unfolding Saga of COVID-19, Frontiers in Immunology,2021;,vol 12.
8. **Lakshmi J. Tadi**, Srinivasa Rao Chunchu*, Srinivas M, Saranya Mallamgunta, UshasreeRavula, Ariyanachi K, et al. Screening of Asymptomatic Healthcare Workers for SARS-COV-2 for Occult Infections: A Cross-Sectional Study. Cureus 2021; 13(11): e19341. DOI 10.7759/cureus.19341
9. **Jyothi L**, K Ariyanachi, M S, et al. (January 11, 2022) Audits of Antimicrobial Usage in a Tertiary Care Center in Hyderabad. Cureus 14(1): e21125. doi:10.7759/cureus.21125
10. K. ARIYANACHI, **Jyothi Tadi Lakshmi**, Shalam Sheerin NIKHAT, Meena S. VIDYA, Garapati SUPRIYA, Mallamgunta SARANYA, S. Triveni SAGAR, Kesavulu CHENNA Vector-Borne Diseases amidst COVID-19 Pandemic in India – A Mini-ReviewMAEDICA – a Journal of Clinical Medicine. 2022; 17(1): 21-24.
11. **Tadi LJ,** Uma B, Ariyanachi K and Reddy NC(2021) Disseminated Blastomycosis**:** A Case Report. J Case Rep Stud 9(2): 204
12. Tripathy S, Supraja P, Mohanty S, Sai VM, Agrawal T, Chowdary CG, Taranikanti M, Bandaru R, Mudunuru AK, **Tadi LJ,** Suravaram S, Siddiqui IA, Maddur S, Guntuka RK, Singh R, Singh V, Singh SG. Artificial Intelligence-Based Portable Bioelectronics Platform for SARS-CoV-2 Diagnosis with Multi-nucleotide Probe Assay for Clinical Decisions. Anal Chem. 2021 Nov 16;93(45):14955-14965. doi: 10.1021/acs.analchem.1c01650. Epub 2021 Oct 25. PMID: 34694783.
13. Ariyanachi K**, Lakshmi Jyothi Tadi,**Vidhya Meena S , ShaziaNaaz , Sivakumar M , Sakthivadivelu. Arthritis drug Tocilizumab - Lifesaving? off-label?– A review. International Medical Journal. 2021, 28(08), 5681-87.
14. Ariyanachi K, **Lakshmi Jyothi Tadi,** Vidhya Meena ,Supriyagarapati. Understanding Mucormycosis amidst COVID-19 Pandemic – A Review. International Medical Journal; Volume 28, Issue 08, August 2021.pg;5569-5577
15. Ariyanachi K, **Lakshmi Jyothi Tadi,** SupriyaGarapati, and Pravin Pissude. Plant- based Vaccines for SARS-CoV-2 Novel CoronaVirus - A Review. Acta Scientific Women's Health; Volume 3 Issue 10 October. 2021
16. SupriyaGarapati**, Lakshmi Jyothi T,** Ariyanachi K, Pravin P. COVID 19 and Alcohol- a review. Acta Scientific Medical Sciences.5.10(2021):125-130
17. SupriyaGarapati, Ariyanachi K, **Lakshmi Jyothi T**, Sivakumar M. A review on recent advancements of Covid 19 vaccines. International Medical Journal. Volume 28: Issue 8. pages: 5657-5673
18. Ariyanachi K, Surya Kartik, **Lakshmi Jyothi T**, N murthy, Saranya M. Towards continuous quality improvement in an Accredited hospital. International Medical Journal. Volume 28, Issue 08, August, 2021. Pg:5579-5599
19. AriyanachiKaliappan, S V, Manivasagam S, Vanangamudi K**, Tadi LJ.** (December 02, 2021**)** Topographical Landmarks for the Identification of Branches of Mandibular Nerve and its Surgical Implications: A Cadaveric Study. Cureus. 13(12): e20120. DOI 10.7759/cureus.20120
20. Ariyanachi K, **Lakshmi Jyothi Tadi**, Saranya M, Praveen Pissude. Incidence of catheter-associated urinary tract infection in a tertiary care hospital**.** Merit research journal of Microbiology and Biological Sciences. Volume 9(4). pp. 036-043, September 2021 Tertiary Care Hospital
21. SarvaKamalakar, Ariyanachi K, **Tadi LJ** et al. Prevalence and antimicrobial susceptibility of non-fermenting Gram-negative bacilli (NFGNB) isolated from clinical samples at a Tertiary care hospital. Int. J. Sci. Res. 2022; 11(3): 2277 - 8179 | DOI: 10.36106/ijsr
22. Radhika, **Jyothi Tadi Lakshmi**, KaliappanAriyanachi, SakthivadivelVaradarajan Detection of Metallo Beta-Lactamase (MBL) producing Pseudomonas aeruginosa in a Tertiary Care Hospital, Ghanpur, Medchal, IndiaDOI: 10.26574/maedica.2022.17.1.150

23. **Jyothi L,** Reddy NP, Naaz S. An Unusual Case of Candida kefyr Fungemia in an Immuno-compromised Patient**.** Cureus. 2021 Mar 27;13(3):e14138. doi: 10.7759/cureus.14138. PMID: 33791183; PMCID: PMC8001216.
24. Ariyanachi K, Lakshmi Jt, **Shireen Ns**, Vidya Ms, Supriya G, Saranya M, Sagar St, Chenna K. Vector-Borne Diseases Amidst Covid-19 Pandemic In India–A Mini-Review. Maedica A Journal Of Clinical Medicine. 2022;17(1).
25. Suliman OA, Kattan WM, Marglani OA, Raza SA, Felimban RA, Alzahrani MK, Bahri SE, Jameel WS, Alknawy M, Tantawy EA, **Sheerin SN**. The relationship between traditional dress and bacterial contamination in the hospital setting-a cross-sectional study. Human Factors in Healthcare. 2021 Dec 1;1:100002.
26. Vijayalakshmi Nayak, **R. Shyamala**. Pernicious combination of Covid 19 and mucormycosis. Int.J.Curr.Microbiol.App.Sci (2021) 10(08): 620-628.
27. Evolution of Teaching Methods in Medical Education Over the Years Int.J.Curr.Microbiol.App.Sci (2021) 10(11): 362-368
28. Abrupt Transformation to Virtual Teaching-Learning for Medical Undergraduates in the COVID-19 Era: Challenges or Opportunities for Students and Educators. International Academic Journal of Education & Literature ISSN Print : 2708-5112 | ISSN Online : 2708-51
29. Medical Educational System Hit By Covid 19 Waves: A Review Of Problems Faced And Probable Solutions Volume - 10 | Issue - 11 | November - 2021 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/IJSR
30. TejaswiniS ,Ravish H, **Sunil Kumar D Chavan** –Evaluation of prognostic value of hyponatremia in TB meningitis and acute bacterial meningoencephalitis EC Microbiology 17.8(2021):01-02
31. Vithiya Ganesan, Raja Sundaramurthy Sr., Rajendran Thiruvanamalai, Vijay Anand Sivakumar, SridhurgaUdayasankar, Ramesh Arunagiri, Jhansi Charles, **Sunil Kumar Chavan**, Yuvaraj Balan, VaratharajanSakthivadivel. Device-Associated Hospital-Acquired Infections: Does Active Surveillance With Bundle Care Offer a Pathway to Minimize Them? Cureus 2022 13(11): e19331. DOI 10.7759/cureus.19331.

6.2. Books / Chapters

Authorship	Publication	ISSN
Dr Lakshmi Jyothi Tadi	Incidence of Surgical Site Infections in a Tertiary Care Center	ISBN:978-93-5547-241-0(E BOOK)
	Comparison of ELISA versus conventional methods in diagnosis of microfilariae	ISBN:978-93-5547-088-1

6.3 Projects:

i. Extramural projects:

Name	Role (PI)	Funding Agency	Title of the Project	Status
Dr. Rahul Narang	PI	ICMR	Assessment of diagnostic performance of ingeniously developed sample collection and concentration device (K-8 spider) for diagnosing Childhood TB with reference to conventional technique of gastric aspiration and sputum collection	Technically approved
	PI	ICMR	Zoonotic Enteric Pathogen: Is it a hidden enemy in the Human – Animal interfaces? – A retrospective cohort study in children less than five years from a rural community of Telangana.	Technically approved
	PI	ICAR/ IVRI	One Health Approach to Bartonellosis&Coxiellosis	Technically approved

	PI	Pennsylvania State University	Estimation of risk associated with zoonotic TB in India.	Ongoing
	PI	DHR	Establishment of VRDL	Recruitment ongoing
Dr. Sunil Kumar D Chavan	PI	Penn State University	Zoonotic Tuberculosis at the interface of Humans and Animals in YadadriBhuvanagiri region of South Central India- a cross sectional study using one health approach	Ongoing

ii. Intramural projects

Name	Role	Title of the Project	Status
Dr Shyamala R	PI	Etiology of Acute Undifferentiated fever in YadadriBhongir District	Ongoing
Dr. Sunil Kumar D Chavan	PI	Community Surveillance for TB Associated Nontuberculous Mycobacteria InfectionsA District Based Surveillance Model for India	Ongoing
Dr. Raja S	PI	Diagnostic Efficacy of TB Loop Mediated Isothermal Amplification (LAMP), Fluorescent Microscopy, Histopathology/Cytology and Mycobacterial Growth Indicator Tube (MGIT) Liquid Culture for Extrapulmonary TB using Latent Class Analysis	Ongoing
Dr. Lakshmi Jyothi	Co PI	Epidemiology, etiology and outcomes of Severe Acute Respiratory Infections in children aged 1 month to 18 years in the COVID-19 era: A hospital-based Prospective Observational study.	Ongoing
	Co PI	Detection of SARS CoV 2 antibody titers in individuals with breakthrough infections following vaccination in the community of Bibinagar, Telangana	Ongoing
	Co PI	SARS-CoV-2 Genotyping using Multiplex RT-PCR for Variant Screening and Epidemiologic Surveillance in Yadadri-Bhuvanagiridist, Telangana-	Ongoing
	Co PI	Quantitative detection of anti-SARS- CoV-2 neutralizing antibodies in the population of vaccinated people	Ongoing
Dr Shyamala R	Co PI	Study to evaluate role of Clinical Infection score in the differentiation of bacterial and viral infections	Ongoing
Dr. Raja S	Co PI	Clinical and immunological responses to COVID-19 vaccination in Rheumatoid arthritis patients on treatment with DMARDs– A Prospective Cohort Study	Ongoing
	Co PI	Association of serum cathelicidin Levels with treatment outcomes in newly diagnosed tuberculosis patients.	Ongoing
	Co PI	Epidemiology, etiology and outcomes of Severe Acute Respiratory Infections in children aged 1 month to 18 years in the COVID-19 era: A hospital-based Prospective Observational study.	Ongoing
	Co PI	Assessment of markers in CSF of SARS-CoV2 infected patients with neurological symptoms.	Ongoing

iii. Non-Funded Projects:

Name	Role	Funded by	Title of the Project	Status
Dr. Rahul Narang	PI	ICMR-NIMR	Assessment of vaccination coverage and incidence of breakthrough infections and re-infections among staff of selected medical institutions-A Multicentric study	Ongoing

Dr. Lakshmi Jyothi T	PI	In House	Bacteriological Quality of drinking Water Samples in medical college campus- Prospective study	Ongoing
Dr. Lakshmi Jyothi, Dr Sunil Kumar D Chavan, Dr Raja S	PI	JIPMER	Impact of conducting hand hygiene audit in COVID-19 care locations of India—A large scale national multicentric study	Ongoing
Dr. Raja S	PI	In House	Perceptions of Indian Medical Teachers About Medical Education Training in India –A Questionnaire Based Study	Ongoing

7. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

- Molecular Virology Laboratory was started on 01-04-2021. For the diagnosis of COVID-19, RT-PCR & Rapid Antigen Tests (RAT) are being performed by the laboratory relentlessly.
- On the occasion of World Hepatitis Day- National CME on Hepatitis B – Mitigation & working towards elimination was conducted on 28-07-2021 in collaboration with General Medicine Department, AIIMS Bibinagar
- A Series of Lectures on Infection Control & Sample Collection for Nurses was delivered as a part of the Nursing Development program conducted from 18th to 20th Aug 2021.
- PG Assessment was done by one of the senior most microbiologist on 08/09/2021. Consequently, two PGs joined the department after PG NEET 2021
- The Department of Microbiology celebrated its Foundation Day on the 7th October 2021. President of AIIMS Bibinagar, Prof (Dr) George D'Souza graced the occasion as Chief Guest.
- A Medical college Level Viral Research & Diagnostic Laboratory (VRDL) was sanctioned by ICMR- DHR on 20/01/2022
- Organised workshop on Infection control as a part of Swachhta Action Plan – 21/03/2022 to 23/03/2022 & 28/03/2022 to 30/03/2022
- On the occasion of World TB Day 24-03-2022, organized a vertical integrated teaching program on TB Recent Advances
- Commenced Bacteriology & Mycology Diagnostic services as well.
- Organised National Conference on Virology - VIROCON 2021 with the Theme : "Emerging and Re-emerging Viral Diseases - Climate Change Impacts and Mitigation" from 26th to 28th March 2022 under the aegis of Indian Virological Society
- Established linkages with International and National Universities/Institutes and signed MoU's, with Pennsylvania State University, ICMR-NIMR, NVBDCP, NPCCHH, and NTEP for collaborative research.

8. PATIENT CARE / HOSPITAL SERVICES:

Widal test, CRP, ASO, RA, RPR, Malarial Ag, HIV, Typhi IgG IgM-IC, Syphilis Rapid, HCG rapid, Gram's Stain, AFB for TB, AFB for Leprae, Albert's Stain, Culture & Sensitivity, Scrub Typhus IgM, HBs Ag, Dengue NSI Ag, Dengue IgM, Dengue IgG, Leptospira IgM , IgG, Chikungunya IgM & IgG, Covid RAT, HCV, Stool for ova & cyst, KOH mount, Fungal Culture, COVID 19 RT-PCR.

9. MAJOR EVENTS OF THE DEPARTMENT

	
National CME on Hepatitis B – Mitigation & working towards Elimination on 28-07-21	World TB day celebration Vertical Integrated teaching on Tuberculosis on 24-03-2022 for MBBS students
	
Foundation day of the Department	National Conference on Virology - VIROCON 2021- Theme: “Emerging and Re-emerging Viral Diseases - Climate Change Impacts and Mitigation”

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

1. Highlights

The Department of Obstetrics and Gynecology will be completing two years of service. Numbers of patients attending the OPD have increased over the past few months. OPD procedures like IUCD insertion and removal along with screening of cervical cancer is being done regularly. In patient services have been started along with minor surgical procedures in the operation theater. In view of undergraduate students' clinical classes and patient care, we have been working in collaboration with the DHQ, Bhongir with daily visits since October 2021. Procurement of the equipment and instruments required for starting labor room services is in process, and will be starting very soon. The department has been active in academic activities, and has conducted National virtual conferences and on Gynecological cancer awareness, Breast feeding, and optimizing the rates of Caesarean sections. Apart from teaching and patient care, the department of OBG is active in research activities with around seventeen publications and eleven research projects approved in IEC and ongoing projects.

2. Faculty and staff



				
Dr.Nabnita Patnaik Additional Professor & Head of Department Exepierence: 21 years	**Dr.Naina Kumar** Associate Professor Exepierence: 11 years	**Dr. Mishu Mangla** Assistant Professor Exepierence: 6 years	**Dr. J. Aparna** Assistant Professor Exepierence: 14 years	**Dr. Sandhya Rani** Senior Resident Exepierence: 1 year

3. Other Staff in department

Junior Residents	Staff Nurse	Any other
1	5	1 - Attender

4. ACADEMICS

4.1. Teaching:

Theory classes for undergraduate students from 3rd semester are taken. a)3 hrs of theory classes per week for 6th semester b) 1 hr / week for 4th semester c) Clinical classes of UG students from 3rd semester onwards d) Clinical classes for antenatal and labor room cases in collaboration with District Head quarter Hospital, Bhongir is being taken since October 2021 e) We have received the "Advanced Full body Interactive Birthing Simulator" for training of undergraduate students, PGs, Nursing staff, junior doctors in the process of normal delivery and delivery in abnormal presentations f) Classes in the skill lab for clinical examination and delivery procedures for vaginal deliveries has recently been started

4.2. Teaching Learning Methods Adopted for UG & PG

Small group Lectures, Demonstrations on true patients, Videos, Role plays, case scenarios, micro-teaching, small group discussions, conducted quiz for students and Nursing staff.

4. 3. Examination & Assessment: In process

i. Conferences/CME/Workshops/Guest Speaker:

Dr. Nabnita Patnaik

1. Organized Virtual National Conference on "Optimizing The Rates of Cesarean Section", on the 14th and 15th of December 2021.
2. FOGSI FIGO 2021 as panelist in panel discussion on "Medical management of PPH"
3. Organized National Level CME on: WORLD BREASTFEEDING WEEK -2021, on 5th August 2021 in collaboration with the Departments of Pediatrics and CMFM, AIIMS Bibinagar
4. Delivered a talk in a National Level Webinar on 'CONTRACEPTIVES DILEMAS' conducted by AIIMS Kalyani on 2nd March 2021.

ii. Papers presented

Dr. Nabnita Patnaik

1. "Contraceptive Dielemas" in the National Webinar on the theme "Reproductive Health-Menarche to Menopause" held on March 2nd 2021 by the Department of Obstetrics and Gynecology, AIIMS Kalyani
2. FOGSI FIGO 2021: Participated as a Panelist for Panel Discussion on 'Medical Management of PPH' at FOGSI FIGO , 2021
3. "Role of Genetics and Screening In Gynecological Cancer " in a CME on the occasion of Gynec cancer Awareness month in September 2021 conducted by AIIMS Bibinagar, Hyderabad
4. Nourishment of Breastfeeding mothers -Do's and Don'ts'' on the National level CME on the occasion of Breastfeeding week on 5th August 2021

Dr. Naina Kumar

1. Presented "Reverberations of COVID-19 pandemic on the education system and the reproductive health care services of developing countries" International Congress on "Covid-19 and Dehumanization" Siena (Italy), October 7-8-9, 2021.
2. Presented maternal serum uric acid and calcium as predictors of hypertensive disorder of pregnancy: A case-control study - Oral Presentation at the Webinar of World Congress on Gynecology& Obstetrics (Gynecology Obstetrics 2021) during October 22-23, 2021, at Tokyo, Japan.
3. Presented COVID 19 era: A beginning of upsurge in unwanted pregnancies, unmet need for contraception and other women related issues" at the "4th World Congress on Gynecology and Obstetrics" held in Germany on April 14, 2021.

Dr. Mishu Mangla

1. Lecture on 'Deciding the route of delivery in fetus with Congenital Anomaly' in Virtual National Conference on 'Optimizing the rates of Caesarean Section' organized by the Department of Obstetrics and Gynecology, AIIMS Bibinagar on 14-15 December 2021.
2. "Lecture on "Closing the door to Cervical Cancer: Get Vaccinated" in CME organized by the department of Obstetrics &Gynecology, on the occasion of Gynecology Cancer Awareness Month at AIIMS Bibinagar on 3rd September 2021.
3. Lecture on "Problem Based Learning- An Example" in Workshop organized by the Integrated Teaching Team of Department of Medical Education, AIIMS Bibinagar on 26th-27th October 2021.

Dr. J. Aparna

1. Talk on "Hidden Burden in Gynecological Cancers" on 3.9.2021 at the Gynecological Cancer Awareness CME conference organized by the Department of Obstetrics &Gynecology.

5. RESEARCH

5.1 PUBLICATIONS

1. **Patnaik N**, Bhatia V, Mishra KG, Sukumar M. Effects of COVID-19 on pregnant women: Evidence-based review. J Family Med Prim Care. 2021 Apr 29;10(4):1530-3. doi: 10.4103/jfmpc.jfmpc_1557_20.
2. Pradhan NR, Mishra KG, **Patnaik N**, Nayak R. Evaluation of effects of Spilanthesacmella extract on muscle mass and sexual potency in males: A population based study. J Family Med Prim Care. 2021 Nov 29;10(11):4242-6. doi: 10.4103/jfmpc.jfmpc_746_21
3. Jena B, Patnaik S, **Patnaik N**. Impact of Improper Biomedical Waste Disposal on Human Health and Environment during COVID-19 Pandemic. European Journal of Molecular & Clinical Medicine, 2021; 8(3):4137-43.
4. Jena B, Patnaik S, **Patnaik N**. A study on the need of proper awareness and safe handling of biomedical waste in the hospitals during COVID 19 pandemic is the need of the hour. Journal of Cardiovascular Disease Research,2022;13(03):482-85
5. **Kumar N**, Bhatia V. Maternal SARS-CoV-2 Infection, Its Vertical Transmission and Impact on Overall Perinatal Outcomes: A Narrative Review. CurrPediatr Rev. 2021 Nov 23. doi: 10.2174/1573396317666211124095020. Epub ahead of print. PMID: 34819008.
6. **Kumar N**, Singh A. Semen Quality Parameters in Male Partners of Infertile Couples and Their Correlation with Socio-demographic Features in Rural Tertiary Care Center of Southern India: An Observational Study. Journal of Infertility and Reproductive Biology, 2022;10(1), 1-6.
7. **Kumar N**, **Mangla M**. Influence of Paired Pandemic of COVID-19 and HIV Infection on Pregnant Women and Children: A Challenging Issue. J Mother Child. 2021 Nov 16. doi: 10.34763/jmotherandchild.20212502.d-21-00017. Epub ahead of print. PMID: 34786895.
8. **Kumar N**, Singh AK. Impact of environmental factors on human semen quality and male fertility: a narrative review. Environmental Sciences Europe 2022;34:6 https://doi.org/10.1186/s12302-021-00585-w
9. **Kumar N**, Singh AK. Impact of Faulty Lifestyle Behaviors on Male Fertility: A Narrative Review. Eurasian J Med Biol Sci. 2021;1(2):70-79.
10. **Kumar N**, **Shyamala R**. (2022); Abrupt Transformation to Virtual Teaching-Learning for Medical Undergraduates in the COVID-19 Era: Challenges or Opportunities for Students and Educators. Int Aca J Edu Lte. 3(1); 1-4.
11. **Kumar N**, Singh AK. Impact of COVID-19 on Gender Equality, Sexual and Reproductive Health Rights of Adolescent Girls and Young Women: A Narrative Review, Current Women`s Health Reviews 2022; 18(3): e111021194532 .

12. **Kumar N**. Sperm Mitochondria, the Driving Force Behind Human Spermatozoa Activities: Its Functions and Dysfunctions - A Narrative Review. Curr Mol Med. 2022 Apr 8. doi: 10.2174/1566524022666220408104047. Epub ahead of print. PMID: 35400342.
13. **Mangla M**, Nautiyal R, Shirazi N, Pati B. Ectopic Cervical Deciduosis: A Rare Cause of Antepartum Hemorrhagein the Mid Trimester. Eurasian J Med. 2021 Jun;53(2):152-154. doi: 10.5152/eurasianjmed.2021.20163. PMID: 34177301; PMCID: PMC8184035.
14. Khoiwal K, **Mangla M**, Mishra D, Chaturvedi J. Accouchement vaginal enprésence d'un utérusprolabé [published online ahead of print, 2021 Jun 29]. J ObstetGynaecol Can. 2021;S1701-2163(20)30482-5. doi:10.1016/j.jogc.2020.06.005
15. **Mangla M**. Ectopic decidualization - Not so benign. Taiwan J Obstet Gynecol. 2021 Sep;60(5):957. doi: 10.1016/j.tjog.2021.07.035. PMID: 34507687.
16. **Kumar N, Mangla M**. Influence of Paired Pandemic of COVID-19 and HIV Infection on Pregnant Women and Children: A Challenging Issue. J Mother Child. 2021 Nov 16. doi: 10.34763/jmotherandchild.20212502.d-21-00017. Epub ahead of print. PMID: 34786895.
17. KhoiwalK,**Mangla M**, Mishra D, Chaturvedi J. Vaginal delivery in the presence of a prolapsed uterus [published online ahead of print, 2021 Jun 29]. J ObstetGynaecol Can. 2021;S1701-2163(20)30481-3. doi:10.1016/j.jogc.2020.04.019.
18. **Mangla M**. Unforeseen Effects of COVID-19 on Adolescent Health. J ObstetGynecol India (2021).https://doi.org/10.1007/s13224-021-01555-1.

5.2 PROJECTS

i. Extramural

Name	Role	Funded by	Title of the Project	Status
Dr Nabnita Patnaik	Co-PI	DHR	Impact of rising environmental pollutants in air and water on human health in urban population:A case control study in the pandemic era.	Under review
Dr Naina Kumar	PI	ICMR	Coagulation and Fibrinolytic Profiles of Menstrual and Peripheral Blood in Women with Normal Menstrual Cycle and with Heavy Menstrual Bleeding: A Cross-Sectional Comparative Study	Ongoing

ii. Intramural (Non Funded)

Name	Role	Title of the Project	Status
Dr. Nabnita Patnaik	PI	Association of NAFLD with PCOS in a tertiary care hospital of Hyderabad	Ongoing
	Co-PI	Face Mask in COVID-19 and Its Association with Dry Eye Disease: A Cross sectional Study	Ongoing
	Co-PI	Coagulation and Fibrinolytic Profiles of Menstrual and Peripheral Blood in Women with Normal Menstrual Cycle and with Heavy Menstrual Bleeding: A Cross-Sectional Comparative Study."	Ongoing
	Co-PI	Anatomical measurements of Vulva and Vaginal length for an Unselected Indian population: A Cross Sectional Prospective Study.	Ongoing
	Co-PI	Integrating multi omnics analysis to understand neonatal stunting associated with Hypertensive disorders of Pregnancy	Ongoing
Dr. Naina	PI	Male's Perception About Menstruation, it's Associated Problems and Menstrual Hygiene in Their Female Partners: A Qualitative Survey	Ongoing
	PI	Impact of COVID-19 vaccination on the Menstrual Cycle Pattern: An Observational Study"	Ongoing
	PI	Role of Seminal Plasma TEX 101, Prostate-Specific Antigen Antibodies and Malondialdehyde Acid in Assessment of Male Factor Infertility."	Ongoing

Kumar	Co-PI	A survey of reluctance and forbearance of COVID-19 vaccination among pregnant and lactating mothers in India.”	Ongoing
	Co-PI	Knowledge and Attitude of Young Married Women regarding Birth Defects in fetus: An Observational Questionnaire-based Survey”.	Ongoing
Dr. Mishu Mangla	PI	Quantitative Assessment of Immune cells and trophoblastic invasion at maternal-fetal interface in Preeclampsia and Normotensive Pregnancies: A Case Control Study.	On going
	PI	Anatomical measurements of Vulva and Vaginal length for an Unselected Indian population: A Multi-centric Cross-Sectional Study.	On going
	PI	Knowledge and Attitude of Young Married Women regarding Birth defects in fetus: An Observational Questionnaire based Survey	On going
	Co-PI	Role of Nerve growth factor and its receptor in spontaneous early pregnancy loss: An immunohistochemical study.	Ongoing
	Co-PI	Coagulation and fibrinolytic profiles of Menstrual and Peripheral Blood in women with normal menstrual cycle and with Heavy Menstrual Bleeding: A Cross sectional Comparative Study.	Ongoing
	Co-PI	Male’s Perception About Premenstrual Syndrome and Associated Problems in Their Female Partners: A Qualitative Survey”	
Dr. Aparna	PI	Role of patient education in COVID-19 vaccination coverage among young reproductive women: a quasi-experimental study".	Ongoing
	Co-PI	Anatomical measurements of Vulva and Vaginal length for an Unselected Indian population: A Cross-Sectional Study”.	Ongoing

iii. Training

Dr.Nabnita Patnaik

1. 3 months course on ‘FOGSI-FMFI’ Certificate course in ultrasonography in pregnancy- 22nd June to September 2021
2. One year Training Programs (online): IIM Calcutta - Executive Program in Healthcare Management Program 2021, from September 2021

Dr. Mishu Mangla - 3 months course on ‘FOGSI-FMFI certificate course in ultrasound in pregnancy’ 22nd June to September 2021.

6. PATIENT CARE

- The total number of Outpatients from 1.4.2021 to 31.3.2022 was 3,920.
- Our Inpatient admissions started from 1.7.2021 with 26 admissions till 31.3.2022.
- District Hospital visits started from October 2021 for patient care and bedside clinical classes.
- Operation Theatre started functioning from November 2021.
- OT Minor procedures done from 1.11.2021 to 31.3.20222 were 21.
- The total numbers of Pap Smears taken : 311

Labor Room

Space for the development of the labor room has been identified and allocated in the ground floor of the C block of the hospital premises. Plan for the labor room, antenatal monitoring and post natal ward has been made. Department of Pediatrics has been consulted for neonatal care and resuscitation area and the room has been identified

Equipments and Instruments

Procurement of the equipment and instruments is in process. Two CTG machines and three Fetal Dopplers have been received. Order for two Delivery beds, labor room lights and surgical instruments has been placed, expected to be received within 1 month.

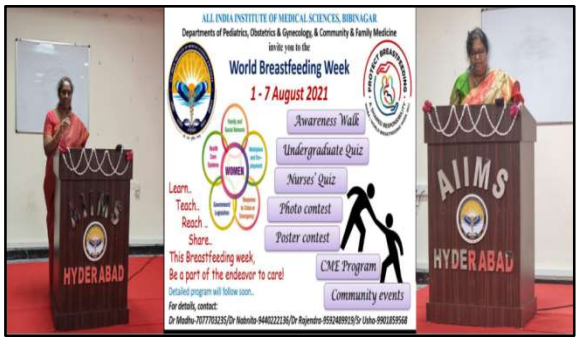
Manpower

At present we have four faculties, one senior resident. Nursing officers trained in the Labor room have been identified. Manpower requirement with respect to Senior residents, Nursing officers, housekeeping staff and security has been already submitted to MS office, waiting for the approval

7. MAJOR EVENTS OF THE DEPARTMENT

1. Virtual National Conference on 'Optimizing the rates of Cesarean Section' on the 14th and 15th of December 2021 with 3 ICOG Credit points and 2 TSMC credit hours
2. National Level CME on: World Breastfeeding Week -2021, on 5th August 2021 in collaboration with the Departments of Pediatrics and CMFM, AIIMS Bibinagar
3. CME on Gynecological Cancer Awareness in the month of September 2021 as a part of Gynecological Cancer Month
4. Oxygen Stewardship Program organized by AIIMS Bibinagar in collaboration with the Government of Telangana, USAID and Jhpiego on 12th January 2022.
5. Quiz for MBBS students on Breast feeding on the occasion of World Breastfeeding Week on 3rd August 2021.
6. Poster competition for Nursing Officers on Breast feeding on the occasion of World Breastfeeding Week on 3rd August 2021.
7. CME on the occasion of Gynecology Cancer Awareness Month at AIIMS Bibinagar on 3rd September 2021.
8. Celebration of World Breastfeeding week like Combined Medical Education (CME) Programme, community activities, Awareness walk
9. Workshop organized by the Integrated Teaching Team of Department of Medical Education, AIIMS Bibinagar on 26th-27th October 2021.





World Breastfeeding Week August 2021

DEPARTMENT OF OPHTHALMOLOGY

1. Highlights

Ever since the establishment of the Department of Ophthalmology, care and the management of patient need have always been the priority. Conducted a National Symposium on the Diabetic Retinopathy on 24th August 2021, which was a grand success and had national and international participation which was graced by Padmashree Prof. Dr.S.Natarajan. Department faculty have presented at various international, national, state and district level conferences, seminars, webinars with presentations of original research work covering almost every aspect of Ophthalmology. Along with the above mentioned achievements, a lot of emphasis is given to the undergraduate teaching in the form of theory classes and clinical postings along with formative and summative assessments for undergraduates.

2. Faculty and staff







Dr Arvind Kumar Morya
Additional Professor &HoD
Experience: 14 years



Dr Siddharam S Janti
Associate professor
Experience: 11 years



Dr Kolavali Raghavendra Rao
Assistant Professor
Experience: 4 years



Dr Vempuluru Sai Vijitha
Assistant Professor
Experience: 4 years



Dr Tejaswini Antarvedi
Senior Resident
Experience: 2.5 year

3. Staff:

Junior Residents	Lab technicians	Staff Nurse	Any other
01	Optometrists: 01	04	Attender: 01

4. ACADEMICS

4. 1. Teaching for MBBS

Theory classes (Hours)		Practical Classes (Hours)	Examination
Online	Physical		
3	17	144	Nil

4. 2. Teaching Learning Methods Adopted

1. Problem Based Learning (PBL)
2. Small Group discussion
3. Integrated type of teaching
4. Bedside discussion for clinical posting

4.3. Details of Academics and Training:

i. Conferences/CME/Workshops/ Guest Speaker:

Dr Arvind Kumar Morya

1. Organizing Chairman, National Symposium on Diabetic Retinopathy, 24th August 2021 conducted at All India Institute of Medical College, Bibinagar, Telangana.

ii. Lectures delivered:

Dr Arvind Kumar Morya

1. Techniques of doing successful Phacoin PEX Syndrome patients at International DOS Conference on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi.
2. Trehalose – A new & Novel drug in the management of Dry Eye at International DOS Conference on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi.
3. AI & Smartphones in Ophthalmology atTelangana Ophthalmic Annual Conference from 7th August 2021,
4. Telangana Ophthalmic Annual Conference – 7th August 2021, PG Free paper session – Judge.
5. Combining Surgery – Trab with phaco with Ologen Implant, at Thrissur Ophthalmic Society Guest Speaker May 2021,
6. Terminal wedge tool – Let's deal the hardest of Cataract. Karnataka Ophthalmic Society, Invited Speaker – June 2021, Innovation Session
7. Monthly webinar Series by RP eye institute, New Delhi April to Dec 2021 on topics - Single port phaco and Trab with biodegradable implant, Techniques of m/m of Hard Cataract, Phaco in PXF syndrome, Phaco in post-PK patients, Phakic
8. European Society of Cataract & Refractive Surgery Winter Conference 24-06-2021 to 27-06-2021. SLET – A new and novel technique in the management of limbal stem cell deficiency due to chemical injuries. E-Poster – Trehalose – an autophagic bioprotectant in the management of dry eye.
9. All India Ophthalmological Society Annual Conference 24-06-2021 to 27-06-2021 (1) Instruction Course- Carrier as an Ophthalmic researcher – No more a suicidal profession in India; (2) Special Session- Pearls of successful phaco in Hard cataract; (3) ISMSICS Session – Nucleus removal with BSS.
10. SAARC International Annual Conference, 17-19 Dec 2021: Smartphone based annotation tool in Diabetic Retinopathy and IC – Career as an Ophthalmic researcher
11. Haryana Ophthalmic Society Annual Conference – 2021 held on 6th March 2022 : Prof. Dr.Narender Taneja Oration Award . Oration Lecture: Smartphones & AI in Ophthalmology – A new normal combo.
12. Glaucoma society of India, Invited Lecture. 29-08-2021: Combined phaco+ trab – a good choice to solve many problems.

Dr Siddharam S Janti

1. SAARC International Annual Conference , 2021 : IC – Ophthalmic researcher – a great choice in India, IC – Phaco in complicate situations

2. National CME on Diabetic Retinopathy -24/08/21:Etiology and clinical features of diabetic retinopathy
3. Glaucoma India education program GIEP 29/08/21 : Medical management – choosing the right drug
4. Chettinad hospital Research institute Chennai 25/03/22; Common Ocular problems among children
5. Telangana Ophthalmology Society Conference 2021 August 7, 2021 ON Phacoemulsification in Challenging Situations.

iii. Papers presented

Dr. Arvind kumar Morya

1. International DOS Conference, on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi in Allied Category. Topics – (1) Smartphone based Annotation Tool; (2) A randomised controlled trial on Trehalose; (3) Terminal Chop – A new & novel technique in the management of hard cataract; (4) E-Poster on An unusual case of Optic- Neuritis; (5) E-Poster-AxenfeldReiger Syndrome – searching for the missing link
2. Telangana Ophthalmic Annual Conference – 7th August 2021, Free Papers – (1) Terminal chopper – A new tool to manage hard nucleus; (2) Innovations in Ophthalmology.
3. Karnataka Annual Ophthalmic conference, June 2021. Innovative session – Terminal Chop – A new and novel technique in the management of hard cataract.
4. European Society of Cataract & Refractive Surgery Winter Conference 24-06-2021 to 27-06-2021, E-Poster – A randomised controlled trial on Trehalose- An autophagic drug in the management of Dry-Eye.
5. European Society of Cataract & Refractive Surgery Winter Conference 24-06-2021 to 27-06-2021, Surgical Video – Leap from Bifocals to Trifocals.
6. European Society of Cataract & Refractive Surgery Winter Conference 24-06-2021 to 27-06-2021. A new and novel technique in the management of limbal stem cell deficiency due to chemical injuries.

Dr. Siddharam S Janti

1. Annual Conference of Association of Community Ophthalmologists of India: 21/08/2021. Topic: Prevalence of Amblyopia among Children in South India.
2. Haryana Ophthalmology Society Conference 06/03/2022. Ocular manifestations and Visual Field changes in intracranial tumours – Prospective Observational study.
3. Tamil Nadu Ophthalmology Society Conference: 25/09/2021. Refractive error among medical students.
4. Uttarakhand Ophthalmology society conference: 17/10/2021. Prospective study of ophthalmic manifestations and field defects in intracranial tumours.
5. Uttarakhand Ophthalmology society conference: 17/10/2021. To compare refractive error results obtained with objective and subjective refraction.
6. DOS International conference: 03/10/2021. Randomized clinical trail technique between 3 chopping techniques ; Stop and chop vs direct chop vs terminal chop
7. Telangana Ophthalmology Society Conference 2021 August 7, 2021. Cyproptrone induced papilloedema.

iv. Fellowships

1. **Dr Vijitha V.S -** Fellowship in Ocular Oncology at Wills Eye Hospital, U.S.A.

5. RESEARCH

5.1. Publication

1. **Morya, AK** Commentary, Indian Journal of Ophthalmology: March 2021 - Volume 69 - Issue 3 - p 584-585 doi: 10.4103/ijo.IJO_2919_20.
2. **Morya AK**, Tejaswini A, Janti SS. Commentary: Importance of ocular and systemic examination among state bus drivers. *Indian J Ophthalmol*. 2021; 69(10):2629. doi:10.4103/ijo.IJO_2029_2.
3. **Morya AK**, Janti SS, Tejaswini A. Commentary: Telerehabilitation in ophthalmic practices, a new normal and a must. Indian Journal of Ophthalmology. 2022 Mar; 70(3):1030. DOI: 10.4103/ijo.ijo_3209_21. PMID: 35225567.
4. **Morya AK**, Tejaswini A, and Janti SS. Commentary: Intraocular lens formulas for near perfect visual acuity - Search continues. Indian Journal of Ophthalmology. 2021 Sep;69(9):2303. DOI: 10.4103/ijo.ijo_891_21. PMID: 34427205; PMCID: PMC8544077.
5. Sharma B, Soni D, Mohan RR, et al. Corticosteroids in the Management of Infectious Keratitis: A Concise Review. Journal of Ocular Pharmacology and Therapeutics: the Official Journal of the Association for Ocular Pharmacology and Therapeutics. 2021 Oct; 37(8):452-463. DOI: 10.1089/jop.2021.0040. PMID: 34448619.
6. **Morya AK.** Commentary: Assessment of a software-guided system to reduce pre-existing astigmatism in cataract surgery. Indian Journal of Ophthalmology. 2021 May; 69(5):1310. DOI: 10.4103/ijo.ijo_718_21. PMID: 33913885; PMCID: PMC8186588.
7. **Morya AK**, Gowdar J, Kaushal A, Makwana N, Biswas S, Raj P et al. Evaluating the Viability of a Smartphone-Based Annotation Tool for Faster and Accurate Image Labelling for Artificial Intelligence in Diabetic Retinopathy. Clin Ophthalmol. 2021 Mar 8; 15:1023-1039. Erratum in: Clin Ophthalmol. 2021 Jun 16; 15:2497. PMID: 33727785; PMCID: PMC7953891.
8. **Morya AK**, Tejaswini A, **Janti SS**. Commentary: Importance of ocular and systemic examination among state bus drivers. Indian J Ophthalmol. 2021;69(10):2629. doi:10.4103/ijo.IJO_2029_21.
9. **Morya AK, Janti SS,** Tejaswini A. Commentary: Telerehabilitation in ophthalmic practices, a new normal and a must. Indian Journal of Ophthalmology. 2022 Mar; 70(3):1030. DOI: 10.4103/ijo.ijo_3209_21. PMID: 35225567.
10. **Morya AK,** Tejaswini A, **and Janti SS**. Commentary: Intraocular lens formulas for near perfect visual acuity - Search continues. Indian Journal of Ophthalmology. 2021 Sep;69(9):2303. DOI: 10.4103/ijo.ijo_891_21. PMID: 34427205; PMCID: PMC8544077.
11. Dharamdasani H, ChokkalingamS,**Janti S**, Sudhakar S. Bilateral Central Serous Retinopathy in Patients with Chronic Kidney Disease on Haemodialysis: A Case Report. Journal of Clinical & Diagnostic Research. 2021 Jun 1; 15(6).
12. Suhan D, **Kolavali RR**, Kelgaonkar A. Sieve-like preretinal exudates in *Stenotrophomonas maltophilia* endogenous endophthalmitis. BMJ Case Rep. 2021 Jul 26; 14(7):e244392.

5.2 Books / Chapters

Authorship	Publication	ISSN
Dr. Arvind Kumar Morya	PXF syndrome , Elsevier India Point of Care PACG , Elsevier India Point of Care	ISBN 978-981-16-5875-4

	Corneal emergencies : Anatomical , pathophysiological and wound healing aspects, Springer house Book	ISBN978-981-16-5876-1

5.3. Projects:

i. Extramural

Name	Role	Title of the Project	Status
Dr.Arvind Kumar Morya	PI	A prospective randomised interventional open label study to compare the efficacy and safety of 0.01% Atropine eye drops in controlling the progression of Myopia	Ongoing
	PI	A prospective randomised clinical trial to compare the ocular hypotensive effect and safety of Brinzolamide & Brimonidine combination vs Bimatoprost& Timolol in POAG & in NTG.	
	PI	Comparative analysis of various chopping techniques of phaco surgery for the treatment of cataract	
	PI	Study to evaluate efficacy of different treatment modalities for patients of Amblyopia	
	PI	To develop and evaluate the clinical usage & diagnostic performance clinically for smartphone based scalable eyecare applications	

ii. Intramural funded

Investigators Name	Role	Title of the Project	Status
Dr.Siddharam S Janti Dr.Arvind Kumar Morya Dr Kolavali Raghavendra Rao	PI Co-PI Co-PI	Safety and efficacy of Atropine 0.05% vs 0.01% for prevention of myopic progression in children	Ongoing

iii. Non-Funded Projects:

Investigators Name	Role	Title of the Project	Status
Dr Siddharam S Janti	PI	"Face Mask in COVID-19 and Its Association with Dry Eye Disease: A Cross sectional Study"	Ongoing

6. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

Dr. Arvind Kumar Morya

1. First Prize, International DOS Conference, on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi in Allied Category. Topic – Smartphone based Annotation Tool
2. Second Prize, International DOS Conference, on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi in Cornea Category. Topic – A randomised controlled trial on Trehalose.
3. Third Prize, International DOS Conference, on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi in Cataract Category. Topic – Terminal Chop – A new & novel technique in the management of hard cataract.
4. First Prize, E-Poster at International DOS Conference, on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi in Neuro-Ophthalmology Category. Topic: An unusual case of Optic- Neuritis.
5. First Prize, E-Poster at International DOS Conference, on 26-09-2021 to 03-10-2021 at Ashoka Hotel, New Delhi in Glaucoma Category. Topic – Axenfeld Reiger Syndrome – searching for the missing link.
6. All India Ophthalmological Society Annual Conference 24-06- 2021 to 27-06-2021 - Senior AIOS Academic Achievement Award

7. European Society of Cataract & Refractive Surgery Annual Conference 11th October 2021, Amsterdam, Netherland. Third Prize - Best Research Original Paper – Ophthalmic Star Award – Evaluating the viability of Smartphone based annotation tool for faster and accurate image labelling in diabetic – retinopathy
8. ACOIN Annual Conference – 21-22 Aug. 2021.Smt R.K.Devi International Oration Award 2021.
9. Uttrakhand Annual Ophthalmic Conference 17-10-2021. Dr. A K Mehrotra Best e- Poster award. Perplexity of genesis of recurrent scleritis in a young
10. IIRSI Mid-term conference 04-05 Dec. 2021. Runner up Video Award in Cornea category at International Film Festival Award at IIRSI, Yr. 2022.
11. Young Researcher Award – InSC of India.
12. Invited International Guest Faculty by International Society of Cornea, Stem cells and Ocular Surface (SICSSO), Italy, Bari, 2021. To deliver lectures – A. SLET – A new and novel technique of management of LSCD due to chemical injuries. B. A randomized controlled trial of Trehalose in the management of dry – eye.

Dr Vijitha V.S.

1. Top 10 in AIOC Grand Quiz (Micro Vision) – AIOC Kolkata, 2021

7. PATIENT CARE / HOSPITAL SERVICES:

Type of services/ Facilities provided 9 (Jan 21 - Dec 21)	Number of patients
OPD services	5000+
Minor procedure	100+
OT procedures	13

8. MAJOR EVENTS OF THE DEPARTMENT



24 August 2022
Inauguration of National Diabetic Retinopathy Symposium

DEPARTMENT OF ORTHOPAEDICS

1. Highlights

Dedicated outpatient services, specialist services of paediatric orthopaedics, ortho oncology services, sports injury consultation along with geriatric and complex trauma consultation and physiotherapy services are provided. The department successfully completed 369 minor and 18 major surgeries. Conducted an International Webinar on 23-05-2021 on the topic: Indian Evidence on High dose Vitamin D in COVID-19. A record number of 3539 delegates have registered for the webinar and 1785 delegates all over the world from different countries have attended. Conducted a webinar on 19-12-2021 on: Emerging concerns of post COVID-19 avascular necrosis of femoral head. Involved in teaching UG students, actively involved in teaching JR's and SR's, regularly conducting journal clubs and seminars. Teaching radiographers as part of Inter Department Clinical Audit about positioning of patients to improve x-ray quality of shoulder joints. Started Ortho-Radiology interdepartmental meetings with department of Radiology to discuss complex cases of Orthopaedics and make a well-structured plan for improvement of patient care. Conducted a clinical quality improvement project along with the radiology department to improve the adequacy of upper limb X-ray.

2. Faculty and staff





Dr. Maheshwar Lakkireddy
Additional Professor &HoD
Experience: 13 years



Dr. Ravi Kumar
Assistant Professor
Experience: 6 years



Dr Maley Deepak Kumar
Assistant Professor
Experience: 8 years



Dr Sreedhar Sathu
Senior Resident
Experience: 0.10 years



Dr Srikanth Eppakalaya
Senior Resident
Experience: 0.9 years



Dr T.A.Kashyap
Senior Resident
Experience: 0.7 years

3. Staff

Junior Residents	Health Workers	Lab technicians	Staff Nurse	Any other
3	2	1	5	1- Physiotherapist

4. ACADEMICS

4.1. Teaching

Theory classes (Hours)	
Online	Physical
3	5

4.2. Details of Academics and Training:

i. Lectures delivered

Dr. Maheshwar Lakkireddy

1. CME (Online) on Indian evidence on high dose vitamin D at Dept. of Orthopaedics, AIIMS, BBN (Online) on 23/05/2021.
2. Vitamin D, COVID-19 and Overall health at ASKMEDEX (Online) on 20/06/2021.
3. Emerging Concerns of Post Covid-19 Avascular Necrosis of Femoral Head at Dept. of Orthopaedics, AIIMS, and BBN (Online) on 19/12/2021.
4. Orthopaedic Manifestations of Sickle cell disease at AIIMS, BBN on 21/06/2021.

Dr. Ravi Kumar

1. Emerging Concerns Of Post Covid-19 Avascular Necrosis Of Femoral Head at Dept. of Orthopaedics, AIIMS, BBN (Online) on 19/12/2021.
2. TKR Myths and facts during Faculty presentation at Academic section, AIIMS, BBN on 04/08/2021.

Dr. Maley Deepak Kumar

1. Emerging Concerns of Post Covid-19 Avascular Necrosis of Femoral Head at Dept. of Orthopaedics, AIIMS, and BBN (Online) on 19/12/2021.
2. Hospital Infection Control. Lectures delivered on Hospital Acquired Infections at Department of Microbiology, AIIMS, BBN on 28th, 29th and 30th March 2021.

ii. Papers presented

Dr. Maheshwar Lakkireddy

1. Indian evidence on high dose vitamin D" at Department of Orthopaedics, AIIMS Bibinagar on 23/05/2021.
2. Vitamin D, Covid -19 and Overall Health at ASKMEDEX on 20/06/2021.

iii. Short term/Long term training programmes

Dr. Maheshwar Lakkireddy

1. Basic Research Methodology conducted by the department of CFM, AIIMS Bibinagar on October 4 to 10, 2021, AIIMS, BBN
2. Completed Basic Life Support Workshop on 2nd September 2021 at Department of Anesthesiology, AIIMS Bibinagar
3. Completed workshop on Good Clinical Practices on 12-08-2021 Organized by the Dept of Pharmacology, AIIMS Bibinagar
4. Completed Induction cum training programme of Materio-Vigilance Programme of India. (MVPI) on 29-07-2021 conducted by IPC & NCC
5. Attended ICMR/ NIE certified Basic Course in Biomedical Research on April 2021 (Online)

Dr. Ravi Kumar

6. Completed Basic Life Support Workshop on 2nd September 2021 conducted by Department of Anesthesiology, AIIMS Bibinagar
7. Attended Teach the Teacher course on 25 – 26th Feb 2021 organised by University of Oxford

Dr.Maley Deepak Kumar

8. Data Management and Analysis in MS Excel on 27-12-2021 to 25-01-2022 organised Odisha Social Science Research and Consultancy
9. Qualitative Research Techniques on 15-01-2022 to 06-03-2022 organised by Odisha Social Science Research and Consultancy

5. FACILITIES AVAILABLE IN THE DEPARTMENT:

1. Physiotherapy
2. Fracture Clinic
3. Pediatric & Geriatric Orthopaedic services
4. Sports Injury services
5. Orthopaedic Oncology services

6. RESEARCH

6.1 Publications

1. **Lakkireddy M**. Daily Saline Nasal Douching for Chronic Allergic Rhinosinusitis: An Autobiographical Case Report. Cureus. 2022 Jan 12;14(1):e21153. doi: 10.7759/cureus.21153. PMID: 35165603; PMCID: PMC8833096.

6.2 Projects:

i. Intramural

Name	Role	Funding Agency	Title of the Project	Status
Ravi Kumar	PI	AIIMS,BBN	Factors affecting low bone mass in apparently healthy young Indian adults.	Ongoing

iii. Non-Funded Projects

Name	Role	Title of the Project	Status
Dr. Sreedhar Sathu	PI	Increased frequency of Back pain presenting to outpatient department - Does answer lies in COVID-19 - A questionnaire-based study in a tertiary care teaching Hospital.	Ongoing

7. PATIENT CARE / HOSPITAL SERVICES:

Statistics of the Department: OP/IP/Investigations/ Surgeries/Any other

Type of services/ Facilities provided	Number of patients covered
Outpatient services	14536
Physiotherapy services	3974
Minor and major surgeries	387

8. MAJOR EVENTS OF THE DEPARTMENT:

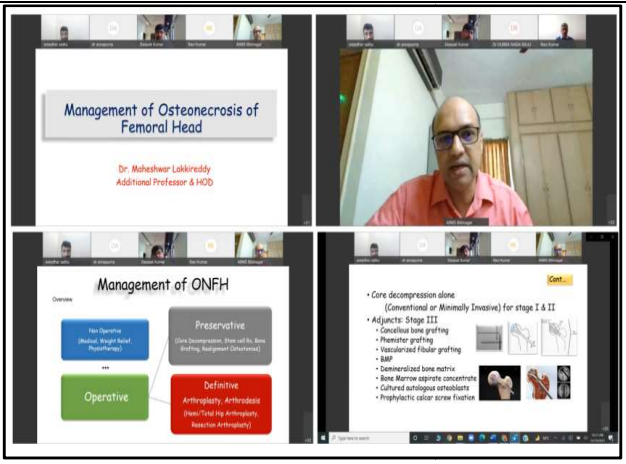


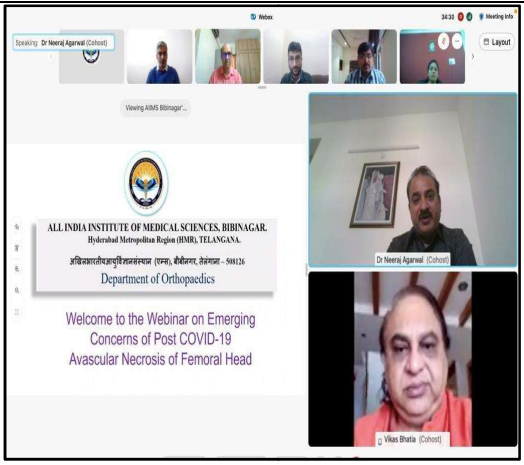


23 May 2021

"Indian Evidence on high dose Vitamin D in COVID 19**"**.

3539 delegates registered. Expert Panel discussed held.





19 December 2021

Webinar on "Emerging concerns of post Covid-19 avascular necrosis of femoral head"

DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

1. Highlights:

The department of Pathology and Laboratory Medicine has a strong team of ten faculty members with wide areas of interest and experience. The department expanded its diagnostic services in Hematology section by installing two automated hematologyanalyzers. Cytology section initiated with gynaecologic cervico-vaginal Pap smear test followed by fine needle aspiration cytology service, histopathology service also started. The department successfully completed postgraduate assessment programme with admission of two postgraduate students (MD Pathology) in January 2022 session. One batch of MBBS students successfully completed their second year with 100% pass percentage. The department observed its foundation day on 28.07.21 by inauguration of OPD hematology lab and gynecologic cytology services by Chief Guest, Prof (Dr) Yogesh Chawla, Former Director, PGIMER, Chandigarh in the presence of Dr Vikas Bhatia, Executive Director, and AIIMS Bibinagar. The department also conducted a National CME in collaboration with Department of Surgery on 'Updates in Breast Cancer' on 28th October 2021 on the occasion of Breast Cancer Awareness month. National and International speakers gave elaboratE and enriching talks on various aspects.

2. Faculty and staff:



2. Faculty and Residents:

 **Dr. Shailaja Prabhala** Additional Professor &HOD Experience: 19 years	 **Dr. Gunvanti Rathod** Additional Professor Experience: 12 years	 **Dr. Shrinivas BheemraoSomalwar** Additional Professor Experience: 16 years
 **Dr.Jitendra Singh Nigam** Associate Professor Experience: 8 years	 **Dr. Abhimanyu Sharma** Assistant Professor Experience: 5 years	 **Dr. Ashutosh Rath** Assistant Professor Experience: 4 years
 **Dr. Seetu Palo** Assistant Professor Experience: 6 years	 **Dr. Patil Parag Parshuram** Assistant Professor Experience: 4 years	 **Dr. Sumitra Sivakoti** Assistant Professor Experience: 6 years
 **Dr. Immanuel Pradeep** Assistant Professor Experience: 4 years	 **Dr. Chada Tejaswi** Senior Resident Experience: 3 years	 **Dr. Anwesha Dutta Chowdhury** MD Student
 **Dr. Anvitha L Joshi** MD Student		

3. Staff:

Senior Residents	Junior Residents	Lab technicians	Staff Nurse	Any other
1	2	5	Nil	2 (DEO, Lab attender)

4. ACADEMICS

4.1. Teaching:

Theory classes (Hours)	Practical Classes (Hours)	Examinations conducted
157	204	5 (MBBS 2019 batch); 2 (MBBS 2020 batch)

4.2. Teaching Learning Methods

i. Undergraduate teaching:

1. Self-directed learning/ problem-based learning classes
2. Seminars, Integrated teaching
3. Quiz, Poster making
4. Self-assessment in innovative ways like solving subject-related crosswords

ii. Postgraduate teaching:

1. Seminar, Slide Seminar
2. Journal club
3. Clinicopathological conferences / Interdepartmental meets
4. Grossing sessions

4. 3. Details of Academics and Training

i. Lectures delivered:

1. **Dr Gunvanti Rathod**
   'Bone tumors - A general overview' in Saveetha Dental College in virtual mode in 2021.

ii. Papers presented:

Dr. Gunvanti Rathod

1. E-poster presentation in Global symposium on head and neck cancer- An International Joint Awareness Conference held on 9th April, 2021 by Carcinogenesis Foundation, USA.
2. E-poster presentation in Virtual International Conference for Health Professions Education (VICHPE-2021) held on 6-8 April, 2021 organized by Era University, Lucknow and Al Sadiq International Virtual University, USA.
3. E-poster presentation in The Indian Myeloma Congress 2021 held on 23-25 April, 2021 by SGPGIMS and IMAGe.
4. E-poster presentation in e workshop on Environment Day held on 5 June 2021 by Saveetha Dental College.
5. E-poster presentation in 48th Annual conference of KCIAPM, KAPCON 2021 held from 1st to 3rd October, 2021 by Karnataka Chapter of IAPM.

Dr. Seetu Palo

1. 'Annual conference of Tamil Nadu and Pondicherry chapter of IAPM', from 4/6/2021 to 6/6/2021 (On-line) and presented an e-poster titled "A rare case of nodular fasciitis of parotid gland."
2. 4th Amrita annual update on dermatologic diseases- A virtual international CME', from 15/7/2021 to 17/7/2021 (On-line) and presented an e-poster titled "Seborrheic keratosis-like changes in an epidermal inclusion cyst."
3. Won SECOND prize in the category, case reports (faculty)
4. 48th annual conference of KCIAPM, KAPCON 2021', from 1/10/2021 to 3/10/2021 (On-line) and presented an e-poster titled "Giant myoid mammary hamartoma.
5. 50th annual conference of Indian academy of cytologist', from 19/11/2021 to 21/11/2021 (On-line) and presented an oral paper titled "Diagnostic efficacy of brush cytology in the evaluation of extrahepatic bile duct strictures".

Dr Sumitra Sivakoti

1. Asian Oceanian Society of Neuropathology-NPSICON2021 conference,' from 24th to 26th September

2021 on location specific KIAA1549-BRAF fusion variants in pilocytic astrocytoma'

Dr Immanuel Pradeep

1. Presented poster titled 'Evaluation and comparison of cellularity and overall cell morphology in cell blocks using simple sedimentation method and agar method for body cavity effusion fluids' as co-author in CYTOCON 2021.

iii. Fellowships

1. **Dr Immanuel Pradeep** was awarded ISN-ANIO Basic Clinical Nephropathology Certificate Program 2021 (CNC) by the International Society of Nephrology.

5. FACILITIES AVAILABLE IN THE DEPARTMENT:

i. Hematology: Complete blood count, Peripheral smear, Reticulocyte count, Erythrocyte sedimentation rate, blood grouping and Rh typing, Sickling test, Absolute eosinophil count, Bleeding time, Clotting time.

ii. Clinical Pathology: Urine- routine examination and microscopy; Routine semen analysis

iii.Cytology: Fine needle aspiration cytology**;** Gynecologic pap smears

iv.Histopathology: Small Biopsies

6. RESEARCH

6.1 Publications:

1. **PrabhalaS,** Sivakoti S, Sahoo B. Utility of Acute Phase Reactants Testing in Clinical Practice. Indian J of Comm and Fam Med. 2021;7(1):12-18.
2. Sahoo B, Naik S, Dutta G, **Prabhala S**. Milan system for reporting salivary gland cytopathology- A two years experience in a Referral Centre of Western Odisha. *J Evid Based Med Health.* 2021;8(17):1146-1151.
3. **Rathod G**, Anita, Santosh Kumar, Pragnesh Parmar. Pancytopenia: Basic investigation to study common and uncommon etiology. IAIM, 2021; 8(6): 62-65.
4. **Rathod G**, Anita, Pankaj Kumar Keshri, Pragnesh Parmar, Santosh Kumar. A comparative study of malaria antigen test with peripheral blood smear in diagnosis of malaria. IAIM, 2021; 8(8): 1-4.
5. **Rathod G**, Parmar P. E learning in medical education during COVID era. D Y Patil J Health Sci, 2021; 9: 39-40.
6. **Rathod G**, Parmar P. E learning: A boon of COVID era. Acta Scientific Cancer Biology, 2021; 5(12): 15-16.
7. Dey B, **Nigam JS**, Bharti JN, Garg P. Dumbbell-shaped swelling of the ear lobe: Cytomorphological clues. CytoJournal (Accepted)
8. Dey B, **Nigam JS**, Singh A, Bharti JN. A Subcutaneous Firm Nodule on Scrotal Skin: Cytological Considerations CytoJournal (Accepted)
9. Dey B, **Nigam JS**, Bharti JN, Singh A, Nair V. Osteoarticular tuberculosis: A series of six cases diagnosed on fine-needle aspiration cytology. CytoJournal 2022; 19: 11.
10. **Nigam JS**, Kumar A, Sinha R, Haripriya H, Kumar N, Surabhi et al. Association of Peripheral Blood Parameters with Outcomes of COVID-19 Infection in a Tertiary Care Setting of Eastern India: An Institute-Based Study. Cureus 13(12): e20745. DOI 10.7759/cureus.20745.
11. **Sharma A**, Kane SV. Squamous cells in pericardial fluid. DiagnCytopathol. 2021 Jun;49(6):782-784. doi: 10.1002/dc.24754. Epub 2021 Apr 23. PMID: 33891796.
12. **Palo S**, Barsagade AK, Sikdar N. Xanthogranuloma of nose in an adult: An uncommon presentation. *Int J Otorhinolaryngol Head Neck Surg.*2021; 7:1950-2.
13. Yeole U, Narsinga Rao K V L, Beniwal M, **Sivakoti S**, Sanstosh V, Samanna S. Cranial and Spinal Malignant Peripheral Nerve Sheath Tumor: A Pathological Enigma. Journal of Neurosciences in Rural Practice. 2021; 12: 770-779. DOI https://doi.org/ 10.1055/s-0041- 1735325
14. **Pradeep I**, Gowrishankar K, Shanmugasundaram L. Lethal Restrictive Dermopathy with ZMPSTE24 Mutation. Pediatric and Developmental Pathology. 2021 Dec 27:10935266211065316.

6.2. Books / Chapters:

1. Surabhi, Singh A, **Nigam JS**. Determination of Early T-cell Precursor Acute Lymphoblastic Leukemia- A Neoplasm with Dual Lineage Phenotype. In: Murdaca G (editor). Recent

Developments in Medicine and Medical Research. Vol 10. Hooghly: Book Publisher International; 2021. p185- 191.

2. **Sivakoti S**, Anne B, Arora A, Alugolu R. Pituitary Tumours. Scott George turner. CNS malignancies. First edition. London. Intech Open, July 2021. DOI: http://dx.doi.org/10.5772/intechopen.98311

6.3 Projects:

i. Extramural

Name	Role	Funding Agency	Title of the Project	Status
Dr Sumitra Sivakoti	PI	DST-TSCOST	Study of factors influencing the progression of neuropathy in type II diabetic patients using cutaneous nerve biopsy	Ongoing

ii. Intramural

Name	Role	Funding Agency	Title of the Project	Status
Dr Patil Parag Parshuram	PI	AIIMS Bibinagar	A study to determine the prevalence of anemia and the causes of hemolytic anemia in tribal populations residing in Yadadri-Bhuvanagiri district of Telangana state.	Ongoing

iii. Non-Funded Projects

Name	Role	Title of the Project	Status
Dr Shailaja Prabhala	PI	An Observational Study on Introduction of Mentorship Program for Undergraduate MBBS Students at AIIMS Hyderabad	Ongoing
Dr Gunvanti Rathod	PI	Comparative study of perception of students for online versus traditional teaching during COVID pandemic	Ongoing
Dr Ashutosh Rath	PI	Prognostic efficacy of platelet indices and their ratios in critically-ill pediatric patients	Ongoing

7. DEPARTMENTAL ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

1. Dr Gunvanti Rathod was awarded with Women Transforming Nation Award 2022 by Women lead 2030 on International Women's Day 2022. Became a life member of Molecular Pathology Association of India (MPAI) and Indian Association of Cytology.
2. Dr Abhimanyu Sharma became a life member of Indian Academy of Cytologists.
3. Dr Ashutosh Rath became a life member of Indian Association of Pathologists and Microbiologists.
4. Dr Immanuel Pradeep was awarded ISN-ANIO Basic Clinical Nephropathology Certificate Program 2021 (CNC) by the International Society of Nephrology.

8. MAJOR EVENTS OF THE DEPARTMENT:



28 October 2021

The department also conducted a National CME in collaboration with Department of Surgery on ‘Updates in Breast Cancer’ on the occasion of Breast Cancer Awareness month.



28 July 2021

Prof (Dr) Yogesh Chawla, Former Director, PGIMER, Chandigarh inaugurated and visited the laboratory and academic wing of the department on its foundation day

DEPARTMENT OF PHARMACOLOGY

1. Highlights:

Major activities include teaching pharmacology (Theory and Practical) to second MBBS students, research and patient care services. The AMC (Adverse Drug Reaction Monitoring Centre) and the MDMC (Medical Device Adverse Event Monitoring Centre) were established in month of July 2021 with formal notification from the Indian Pharmacopoeia Commission (IPC) - National Coordination Centre (NCC) for the PvPI and the MvPI. We had organized three Workshops, "ADR Reporting – Hands-on Training"(16th July 2021),"Good Clinical Practice" (12th August 2021), and "Utilization of Generic Medicines in India: Where do we stand?" (31st March 2022). Further, the National Pharmacovigilance Week between 17th to 23rd September was commemorated with a week-long program. We have received Dr. Peter Sleight Memorial Award and Dr. Salim Yusuf Team Award during the One Week Online Course on "Randomized Controlled Trials" organized by SJRI, Bengaluru, India in collaboration with faculty from McMaster University, Canada and Duke University, USA.

2. Faculty





Dr. Madhavi Eerike
Associate Professor &HoD
Experience:11 years



Dr.DebasisBisoi
Assistant Professor
Experience:8 years



Dr. Gerard Marshall Raj
AssistantProfessor
Experience: 5 years



Dr. Rekha Priyadarshini
Assistant Professor
Experience: 5 years



Dr.Gandham Ravi
Senior Resident
Experience: 1.7 years



Dr. Mali Kalpana Ramanna
Senior Resident
Experience: 0.5 years

3. Other Staff in department - DEO-1; Pharmacist -1

4. ACADEMICS

4. 1. Teaching: Classes

Theory classes (Hours)	Practical Classes (Hours)	Examination conducted
146	223	5

4.2. Teaching Learning Methods Adopted:

1. Small group discussions
2. Clinical case scenarios, Problem-solving exercises
3. Computer-assisted learning (ExPharm Pro – Animal Simulator software)
4. Tutorials, Seminars, Role play
5. Self-directed learning
6. Novel teaching tool used during teaching– Interactive display

4. 3. Examination & Assessment: 5 one professional; one pre professional; 3 semesters

4. 4. Details of Academics and Training

i. Lectures delivered

1. **Dr. Gerard Marshall Raj**
   My Experiences with Book Writing in Pharmacology' in the "Online Symposium on Experience with Book Writing in Pharmacology" organized by the Department of Pharmacology, JIPMER, Puducherry on 3rdFebruary, 2021.
2. **Dr. Rekha Priyadarshini**
   Prevention and Treatment of Tuberculosis" on 24thMarch, 2021, AIIMS Bibinagar
3. **Dr. Madhavi Eerike**
   - Anticoagulants organized by the Department of Pharmacology, CHRI, Chennai on 8th May 2021
   - Recent drugs in treatment of COVID-19 on 28th June 2021 in the Nation conference on "Drug targets and newer drugs for COVID-19"organized by Chettinad University.
   - Resource person in workshop on "ADR Reporting – Hands On" which was conducted on 16th July 2021 and delivered a talk on Pharmacovigilance Overview
   - Resource person in workshop on "Good Clinical Practice" -conducted on 12th august 2021 and delivered a talk on Good Clinical Practice Guidelines
   - Judge for role play in "Cancer awareness month" Sep 2021 – Dept of OBG AIIMS Bibinagar
4. **Dr.Debasis**
   Resource person in workshop on "ADR Reporting – Hands On" which was conducted on 16th July 2021 and delivered a talk on Reporting ADRs

ii. Papers presented

Dr. Rekha Priyadarshini

1. E-poster "Adverse Drug Reactions: Detection, Assessment & Prevention" in the CME on "Awareness and sensitization on Pharmacovigilance and ADR Reporting" organized by the Dept. of Pharmacology, AIIMS, Mangalagiri, Guntur, Andhra Pradesh on 10th April 2021.
2. Association of plasma docetaxel levels with *ABCB1* gene polymorphisms and tumour response in locally Advanced breast cancer patients on neo-adjuvant chemotherapy" in the Late Breaking Clinical Pharmacology session of the Annual Conference of the British Pharmacological Society – (Pharmacology 2021) on 8th September 2021
3. Effect of Salt-Soap-Povidone Iodine-Treated Triple-Layered Medical Mask on Prevention of COVID-19 Transmission" in Pharmaceutical Sciences category during the virtual "3rd National Biomedical Research Competition (NBRCOM) 2021" organized by the Society of Young Biomedical Scientists, India held from 6th to 10th December 2021.

Dr. Gerard Marshall Raj

1. A novel questionnaire- based tool to assess the knowledge, attitude and practices among medical Professionals regarding participation in scientific programs" at the virtual Medical Education Conference (MEDUCON-2021) organized by the Department of Medical Education, JIPMER, Puducherry in association with the Alumni Association of NTTC JIPMER (AANJ) from 2nd to 3rd September 2021 (E-Poster/E-Paper).
2. Effect of long-term acid suppression therapy with proton pump inhibitors or H2 receptor blockers on serum vitamin B12 levels in elderly population" in the Late Breaking Clinical Pharmacology session of the Annual Conference of the British Pharmacological Society - (Pharmacology 2021) on 8th September 2021 [iPoster Prize Session: P0130]

iii. Short term/Long term training programmes

Dr. Gerard Marshall Raj

One Week Online Course on "Randomized Controlled Trials" from 20th to 24th September 2021 Virtual (St. John's Medical College and Research Institute, Bengaluru, India in collaboration with faculty from McMaster University, Canada and Duke University, USA and won the Dr. Peter Sleight Memorial Award Dr. Salim Yusuf Team Award.

5. RESEARCH

5.1 Publications

1. **Eerike M, Raj GM, Priyadarshini R, Ravi G, Bisoi D,** Konda VGR. Ivermectin in COVID-19 Management: What is the current evidence? Infect Disord Drug Targets. 2022 Jan 19. doi: 10.2174/1871526522666220119114035. Epub ahead of print. PMID: 35043770.
2. Arivazhahan A, **Raj GM**, Puttur DS, Atal S, George MM, Bairy L. Career vistas for Indian medical pharmacologists: A comprehensive review. J PharmacolPharmacother2021; 12:29-36. doi: 10.4103/jpp.jpp_37_21.
3. Das L, Panigrahi AK, Biswal SB, **Bisoi D**. Evaluation of In vivo Antimalarial Property of Nyctanthesarbor- tristis (Night Jasmine) Leaves. J Pharm Bioallied Sci. 2021 Nov; 13(Suppl 2):S1088-S1092. doi: 10.4103/jpbs.jpbs_167_21. Epub 2021 Nov 10. PMID: 35017935; PMCID: PMC8686946.
4. Das P, KhuntiaPK , Das M, **Bisoi D**, Sekhar N, Pujari PS Evaluation of Knowledge, Attitude and Practice Regarding Hand Hygiene Practices among Inpatients of KIMS Bhubaneswar- A Preliminary Study accepted for publication in Journal of Pharmacy &Bioallied Sciences Supplement 2022
5. Arunachalam R, Rao Konda VG, **Eerike M**, Radhakrishnan AK, Devi S. Nephroprotective effects of ethanolic root extract of Azimatetracantha lam in adenine-induced chronic kidney failure in Wistar rats. Indian J Pharmacol 2021; 53:198-206.

5.2 Books / Chapters

1. Sahu JR, Sahoo T, Priyadarshini A, Senapati D, Bisoi D, Parida S, Ghosh G, Sahu R Advanced Nanomaterials for Point of Care Diagnosis and Therapy. In: Dave S, Das J, Ghosh S, editors Emerging strategies in nanotheranostics: A paradigm shift 1 st ed. Cambridge United States: Elsevier Science; 2022 p 313-28

5.3 Projects

i. Extramural

Name	Role	Fund	Title of the Project	Status
Dr. Madhavi Eerike	PI	ICMR - DNDi	An open-label, multicentre, randomised, adaptive platform trial of the safety and efficacy of several therapies, including antiviral therapies, versus control in mild / moderate cases of COVID-19	ongoing
	PI	ICMR-Oxford UK	Randomised Evaluation Of Covid-19 Therapy (Recovery Trial) - UK ICMR Trial	Under scrutiny
Dr. Gerard Marshall Raj	PI	ICMR	Predictors of breakthrough infection and re-infection of COVID-19 among Indian population: a deep learning approach	Financial sanction received
	PI	ICMR	Detection and classification of lung ultrasonography-based pathologies through a deep learning approach	Under Scrutiny

ii. Intramural

Name	Role	Fund	Title of the Project	Status
Dr. Madhavi Eerike	PI	Intramural grant -4.98 lakhs	Clinical and immunological responses to COVID-19 vaccination in Rheumatoid arthritis patients on treatment with DMARDs– A Prospective Cohort Study	ongoing
Dr.Debasis Bisoi	PI	Intramural Grant	Comparative study of effect of Glycirrhiza glabra as an adjuvant to DOTS in patients of newly diagnosed sputum smear positive pulmonary TB- a double blind randomized controlled trial	Technically Approved

iii. Non-Funded Projects

Name	Role	Title of the Project	Status
Dr.Madhavi Eerike, Dr. Rekha	PI,Co-PI	Is ivermectin really protective in moderate to severely ill Covid-19 patients? - A Multicentric retrospective study from Hyderabad Metropolitan Region	Ongoing
Dr.Debasis Bisoi, Dr. Madhavi, Dr. Gerard, Dr. Rekha, Dr. Ravi	PI, Co-PIs	Evaluation of knowledge, attitude and practice regarding self medication usage practices for prevention of COVID-19 pandemic – a cross-sectional study from Hyderabad Metropolitan Region	Ongoing
Dr. Gerard Marshall Raj	PI	Awareness and concern about artificial intelligence in healthcare among medical professionals – a questionnaire-based study in a tertiary care teaching institute	Completed
Dr. Rekha Priya	PI	Leftover Medications – Reuse, Storage, and Disposal: A Community-Based Study Among Households of Southern States of India	Ongoing
Dr.Gandham Ravi	PI	Adverse events following remdesivir administration in moderately ill COVID-19 patients - A retrospective analysis	completed

Dr.Madhavi	Guide MBBS student	Assessment of metabolic effects of natural sweetener Stevia in comparison with artificial sweetener Sucralose in Type II Diabetes	ongoing
Dr.Madhavi	Co PI	Impact of COVID-19 vaccination on the Menstrual Cycle Pattern: An Observational Study	ongoing

6. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

1. Third prize in the E-posterpresentation on the theme "Adverse Drug Reactions: Detection, Assessment & Prevention" in the CME on "Awareness and Sensitization on Pharmacovigilance and ADR Reporting" organized by the Dept. of Pharmacology, AIIMS, Mangalagiri, Guntur, Andhra Pradesh on 10th April 2021.
2. Dr. Peter Sleight Memorial Award for outstanding performance in the One Week Online Course on "Randomized Controlled Trials" organized by St. John's Medical College and Research Institute, Bengaluru, India in collaboration with faculty from McMaster University, Canada and Duke University, USA from 20th to 24th September 2021.
3. Dr. Salim Yusuf Team Award for best team performance (Team B Blitzkrieg) in the One Week Online Course on "Randomized Controlled Trials" organized by St. John's Medical College and Research Institute, Bengaluru, India in collaboration with faculty from McMaster University, Canada and Duke University, USA from 20th to 24th September 2021.
4. Dr. Ravi Gandham :First prize for oral presentation in IMA TNSB AMSCON 2021 for the paper "Adverse events following remdesivir administration in moderately ill COVID-19 patients - A retrospective analysis'
5. Dr. Kalpana Mali Ramanna: Best prize for Poster presentation In Covid Epoch: Therapeutics-National Pharmacology Conference" a competition organised by the Department of pharmacology at ESIC Medical College, Hyderabad.
6. Dr Leo Francis C, post graduate, secured third position in the World Tuberculosis Day 2022 essay writing Competition conducted by the International Society for Chronic Illnesses (ISCI) on 19 March 2022. The prizes shall be awarded in the month of June 2022.

7. MAJOR EVENTS OF THE DEPARTMENT

	**16 July 2021** ADR Reporting – Hands-on Training"
12 August 2021 Good Clinical Practice – Workshop	
	**17 to 23 September 2021** National Pharmacovigilance Awareness Week
1 October 2021 PG inspection	
	Student involvement in research project & community outreach activities

DEPARTMENT OF PHYSIOLOGY

1. Highlights

The faculty and residents of the Department of Physiology are constantly involved in innovative teaching, quality research and provide diagnostics services. The goal of the department is to deliver accurate knowledge regarding roles and functions of human organ systems in health and disease; develop appropriate skills, attitude and inspire medical graduates to understand and carry out ethical research. The Department has set up laboratories including the Cardiovascular Physiology Lab where Autonomic Function Tests, Heart Rate Variability, Electrophysiology lab, Digital Hematology lab, Respiratory Physiology Lab and Exercise Physiology lab are the other facilities available in the department. The department has also come up with a unique initiative of starting the Physiology Skills and Simulation laboratory to train the medical students in handling basic emergencies from the early phase of MBBS. Neurophysiology lab set up by the department performs EEG.

2. Faculty and Residents





Dr. Nitin Ashok John
Professor &HoD
Experience: 21 years



Dr. Madhuri Taranikanti
Additional Professor
Experience: 17 years



Dr. M. Kalpana
Associate professor
Experience: 13 years



Dr.Prafull K.
Associate Professor
Experience: 15 years



Dr. Anish Singhal
Assistant Professor
Experience: 6 years



Dr. G. Vidya
Assistant Professor
Experience: 10 years



Dr. Archana Gaur
Assistant Professor
Experience: 10 years



Dr.Madhusudhan U.
Assistant Professor
Experience: 8 years



Dr. Katta Roja
Senior Resident
Experience: 3 years

3. Staff: Junior Resident – 1; DEO – 2; Attenders - 2

4. ACADEMICS

4. 1. Teaching for MBBS

Theory classes (Hours)	Practical Classes (Hours)	Examination conducted
178	**74**	**08**

4. 2. Teaching Learning Methods Adopted:

- Didactic Lectures and Game-based Learning
- Interactive multimedia lectures
- Practicals with DOAP model
- Formative Tutorials & Flipped Classrooms
- Small Group Discussion/Demonstrations
- Problem and Case-based Learning

4. 3. Examination & Assessment:

Total number of exams conducted is 5. The results of the first professional MBBS regular examination for MBBS 2020 batch pass percentage was 100, number of first class students were 32 and number of distinctions were 12.

4. 4. Details of Academics and Training:

i. Conferences/CME/Workshops organised

- Animal behavioural model in modern translational research on 28/01/2022
- Ethos of Behavioral Physiology – Continuum in Translational Research on 29/01/2022

ii. Lectures delivered: 5

iii. Fellowships:

Dr Nitin Ashok John

1. FRSB- Fellow of Royal Society of Biology, London, UK 2021
2. FRSPH- Fellow of Royal Society of Public Health, London, UK 21-22
3. FAcadMEd- Fellow of the Academy of Medical Educators, Cardiff UK, 2021

iv. Short term/Long term training programmes:

1. Dr Madhuri Taranikanti –Meditation and Breath Workshop at Art of Living International Centre,
Bengaluru from 21 to 25 March, 2022 – Part of in-service Training Program.

6. FACILITIES AVAILABLE IN THE DEPARTMENT

Computerised Spirometry
Thermal aesthesiometer
Mosso's ergograph
ECG Machine: 1 (12 channel)+2(single channel)
CPR Mannikins
Microscopes (35)

7. RESEARCH

7.1. Publications

1. **Nitin John Ashok** & Jyoti Elgiva John, "Implications of COVID 19 in Thermal Power Plant Workers: A Clinical Perspective", International Journal of Applied and Advanced Scientific Research. 2021, 6(2); 45-47.
2. **Nitin John Ashok** & Jyoti Elgiva John, "Implication of COVID 19 in Patients of Sjogren's Syndrome", International Journal of Multidisciplinary Research and Modern Education, 2021; 7(2); 40-42.
3. Verma MK, Gangwar V, Jasrotia RB, **John NA.** Assessment of peripheral artery disease risk in building construction workers by Ankle-Brachial index measurement with automated oscillometric and hand-held

Doppler devices. J Family Med Prim Care. 2022 Jan; 11(1): 139-143. https://doi.org/10.4103/jfmpc.jfmpc_102_21 s

4. Gangwar V, Singh A, Verma M, **John NA**, Gangwar RS, John J, Jasrotia RB. Mental health indicators in the later phase of lockdown due to COVID-19 pandemic in healthy youth combined elderly people: a web-based cross-sectional survey. Int J PhysiolPathophysiolPharmacol. 2021 Aug 15;13(4):117-125.
5. **John N**, John J, **Kamble P, Singhal A,**Daulatabad V, Vamshidhar I. COVID 19 vaccine in patients of hypercoagulable disorders: a clinical perspective. Hormone Molecular Biology and Clinical Investigation. 2022; 43(1): 89-96. https://doi.org/10.1515/hmbci-2021-0037
6. S Tripathy, P Supraja, S Mohanty, VM Sai, T Agrawal, CG Chowdary, **Madhuri Taranikanti**....Artificial Intelligence-Based Portable Bioelectronics Platform for SARS-CoV-2 Diagnosis with Multi-nucleotide Probe Assay for Clinical Decisions. Analytical Chemistry 93 (45), 14955-14965
7. **M Taranikanti**, AK Mudunuru, AK Yerra, M Srinivas et al. Desiring the restructuring of physiology laboratories for digital way of teaching: Perceptions of medical teachers in India - Indian JPhysiol and Pharmacol, 2020;64(4):309-14
8. Aruna Kumari Yerraa, Bhagyashri R Hungundb, **Madhuri Taranikanti**, Sudha Bala. Perception ofundergraduate medical students to the existing learning environment in India. ; Turkish Online Journal of Qualitative Inquiry (TOJQI). 2022;13(1):617-626
9. **Kamble P,** Daulatabad V, **Singhal A, U M,** S V, **John NA,** John J. Physical Activity: A Key to Uphold Immune Functions during COVID-19 Pandemic. IJCEP; 2022; 8(4):133-135. 2022
10. **KambleP,**Daulatabad V, **John N,** John J. Synopsis of symptoms of COVID-19 during second wave of the pandemic in India. Hormone Molecular Biology and Clinical Investigation. 2022; 43(1): 97-104. https://doi.org/10.1515/hmbci-2021-0043
11. Mehta B, Dixit A, Bhagat O, NayakP, SrivastavS, OjhaP, **Gaur A**. Critical Self-Appraisal Towards the Better Use of a Webinar Series as an Online Tool for Postgraduate Teaching. Cureus. January 05, 202214(1): e20976. https://doi:10.7759/cureus.20976
12. Sengupta T, Ghosh S, **Gaur T A**, Nayak P. Dissimilar Anxiety-like Behavior in Prepubertal and Young Adult Female Rats on Acute Exposure to Aluminium. Central Nervous System Agents in Medicinal Chemistry. 2021;21(3):187-194 https://doi.org/10.2174/1871524922666211231095507 PMID: 34970958.
13. **Madhusudhan U**, M K, Singaravelu V, et al. (April 01, 2022) Brain-Derived Neurotrophic Factor-Mediated Cognitive Impairment in Hypothyroidism. Cureus, 2022; 14(4): e23722. https://doi.org/10.7759/cureus.23722
14. **Vidya G**, Kalpana M, Roja K, Nitin John Ashok, Taranikanti M. Pathophysiology and clinical presentation of COVID-19 in children: Systematic review of the literature.2021: Maedica (Bucur).16(3):499-506. doi:10.26574/maedica.2020.16.3.499
15. Kalpana M, **G. Vidya**, K Roja, Gaur A, Madhusudan U, Nitin AJ, Madhuri. T.2021. An interplay of neurotransmitters and gut brain axis in depression. Int. Medical J.28(9):5755-5767.
16. Sabitha S.S, Vamshidhar I, Kalpana M, **Vidya G**: International Journal of Pharmaceutical and Clinical Research:2021;13(6);250-255
17. Madhusudan U, Kalpana M, Vidya S, **Vidya G**, Nitin John, Archana Gaur.2022: Brain derived neurotrophic factor- mediated cognitive impairment in hypothyroidism: Cureus:2022:14(4): e23722. doi:10.7759/cureus.23722.
18. Sangeeta Tuppad, M.Kalpana, U Madhusudan, Archana Gaur, **Vidya G**. Serum adiponectin and nitric oxide levels in type II Diabetes and its correlation with lipid profile:2022: Cureus14(4):e24613. Doi:10.7759/cureus24613

6.2 Books / Chapters:

Authorship	Publication	ISSN
Prof. Dr. Nitin Ashok John	CC Chatterjee Human Physiology, 14th Edition	9789354663444
Dr Prafull, Dr Kalpana, Dr Roja	OSPE & OSCE in Practical Physiology	9391208622

6.3 Projects

i. Extramural

Name	Role	Funding Agency	Title of the Project	Status
Prof. Dr. Nitin Ashok John	PI	IIHFW, Hyderabad	Pulmonary Functions, Diffusing Lung Capacity & Quality of Life in COVID-19 Recouping Patients	Ongoing

ii. Intramural funded

Name	Role	Title of the Project	Status
Dr Vidya G	PI	Serum levels od NO metabolites in relation to body mass index and arterial stiffness in young healthy individuals.	Ongoing
Dr Archana Gaur	PI	Association of neurotropic factors with diabetic neuropathy	Ongoing
Dr Madhusudhan U	PI	Zinc deficiency- A harbinger of vestibular dysfunction?	Ongoing
Dr Anish Singhal	PI	Long term arthritic manifestations of COVID-19 in Telangana	Ongoing

iii. Non-Funded Projects:

Name	Role	Title of the Project	Status
Dr Madhuri Taranikanti	PI	GRASP the Concepts – Gamification, Reasoning, Application and Situated Learning Approach in Physiology	Ongoing
		Neurological Evaluation of Long COVID patients in Telangana – Unravelling the iceberg phenomenon of neurological manifestations	Ongoing
		Early prediction of disability in geriatric population using Clinical Frailty Scale – A Hospital based cross-sectional study	Ongoing
Dr Kalpana M	PI	COVID-19 among physically active and physically inactive individuals	Ongoing
Dr Madhusudhan U	PI	Cognitive Skill Assessment in Deaf & Hard of Hearing School Children	Ongoing
Dr Archana Gaur	PI	Temperature threshold testing for small fiber neuropathy in type II Diabetes mellitus and its association with duration of Diabetes mellitus	Ongoing
Dr Katta Roja Reddy	PI	Merging minds for collaborative learning through Concept mapping	Ongoing

7. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

Dr Nitin Ashok John

1. Awarded the Distinguished Professor Award from Saint Martins Centre for research and Accreditation Commission, Melbourne Australia in December 2021
2. Awarded the Universal Outstanding Researcher Award by the International American Council For Research and Development, Illinois USA for 2021-22. Published 14 papers in PubMed Index-Scopus Journal in 2021-2022.
3. Awarded the Lifetime Achievement Award from Saint Martins Centre for research and Accreditation Commission, Melbourne Australia for 2021-22

4. Honored as Editor of West Respiratory Physiology for South East Asia by Wolters and Kluwers, United States of America

   Dr Madhuri Taranikanti
5. Invited Resource Faculty for Electrophysiology Techniques Workshop organised by Department of Physiology, ESIC Medical College, Sanathnagar, Hyderabad from 23-27 November, 2021 and 6-10 December, 2021
6. Chairperson for symposium on 'Harnessing Physiological Signals for Health care & Research' at the Federation of Indian Physiological Societies (FIPS) INTERNATIONAL E-CONFERENCE of IX Annual Symposium of Federation of Indian Physiological Societies-2022 held from 25-27 March, 2022
7. External Examiner for I MBBS at ESIC Medical College, Gulbarga from 11-13 March 2022
8. Board Member for interviews of Faculty/Residents and Tutors as expert member on 6th July 2021
9. External Observer for recrutiement of various posts at ESIC Medical College, Sanathnagar, Hyderabad from 30 August to 4 September, 2021 and 13-17 September 2021
10. Editorial Board Member of Indian Journal of Physiology and Allied Sciences in November 2021
11. Membership of American Physiological Society in January 2022
12. Member of American Society of Clinical Oncology, January 2022
13. Life Membership of Physiological Society of India, March 2022

8. MAJOR EVENTS OF THE DEPARTMENT



29 January 2022
Ethos of Behavioral Physiology – Continuum in Translational Research on

DEPARTMENT OF PEDIATRICS

1. Highlights

The Department is actively engaged in patient care, undergraduate teaching, community activities, and research. Outpatient services, started in November 2020, steadily increasing to 400 patients/month. The proposal for a special clinic, Growth & Development Clinic is being finalized. The Department provides weekly outpatient services to Rural Health Training Center, Bommalaramaram from December 2021 (~100 patients so far) and thrice weekly to District Hospital Bhuvanagiri from October 2021. Inpatient services started in July 2022; 70 patients have been admitted so far. A 10 bedded Pediatric ICU is functional and a 4 bedded Neonatal area is ready to become functional. Fifteen Nursing Officers with prior experience in Pediatrics/Neonatology/ICU were identified and underwent a 10 session pediatric nursing critical care training program for PICU. Assessment for Postgraduate Course was completed and 2 MD seats have been sanctioned per year. Community outreach programs were conducted with a medical camp and as part of World Breastfeeding week and Sepsis month at Bommalaramaram.

2. Faculty and staff



 **Dr Madhusudan** Associate Professor, In-charge HOD, Exp:9 years	 **Dr Syed Ahmed Zaki** Associate Professor Experience: 6 years	 **Dr Rajendra Prasad Anne** Assistant Professor Experience: 7 years	 **Dr Mounika Reddy Vadhi** Assistant Professor Experience: 6 years
 **DrEmine A Rahiman** Assistant Professor Experience: 5 years	 **Dr.Vishnu Priya** Senior Resident Experience: 2.4 years	 **Dr SabbuDivyasri** Senior Resident Experience:1.10 years	 **Dr.Lavanya** Junior Resident Experience: 2 years

3. Staff – Staff Nurses – 7 and Attender - 1

4. ACADEMICS

4. 1. Teaching for MBBS:

i. Undergraduate Teaching

	Bedside clinics (Hrs)	Theory classes (offline + online):	Assessment conducted
2019 batch	102	21	**1**
2020 batch	79	12	**1**

- Bedside clinics are conducted in AIIMS Hospital (OPD/IPD) and in District Hospital, Bommalaramaram.
- Integrated teaching sessions: 1
- Poster competition during World Breastfeeding Week Celebrations (1-7 August 2021), Theme: Breastfeeding – A Shared Responsibility
- Quiz competition on breastfeeding during World Breastfeeding Week Celebrations (1-7 August 2021)

ii. Departmental Academics:

Following are the details of the Departmental Academics where daily sessions between 3-4 pm are attended by Faculty, Senior Residents, Junior Residents (non-Academic) and Nursing Officers:

- Seminars: 15
- Journal clubs/research meetings: 9
- Departmental protocol reviews: 6
- Case discussions: 4
- Nurses teaching: 11
- Interdisciplinary teaching: 2
- Simulation/mock-drill sessions: 2
- Faculty/SR presentations from the dept: 4

iii. Departmental Educational Events:

1. The Department organized a week long program on the occasion of World Breastfeeding Week 2021 from August 1 to 7, 2021, in collaboration with the Departments of Obstetrics & Gynecology and Community & Family Medicine. Details of events are as follows:
    a. Awareness walk in the campus
    b. Poster & photography competition for Undergraduate students and Nursing Officers
    c. Quiz for Undergraduate students and Nursing Officers
    d. Skit for mothers and training for health workers AT rhtc, Bommalaramaram.
    e. A National day long hybrid CME program on various aspects of breastfeeding with National faculty
    f. Inauguration of Breastfeeding Kiosk, sponsored by the Rotary Club at the OPD area in AIIMS, Bibinagar.
2. A 4 part webinar series on Pediatric Sepsis was organized on the occasion of Sepsis month in September 2021, called “Pediatric Sepsis Update 2021” on September 9, 16, 23, 30 (virtual) where National and International experts delivered talks on various aspects of pediatric sepsis.
3. A World Sepsis Day CME program was organized in collaboration with the Sepsis research Group of AIIMS Bibinagar on 13 September, 2021.

4. A Community Sepsis Awareness Program was conducted along with the Sepsis research Group of AIIMS Bibinagar, at Bommalaramaram PHC (RHTC), in collaboration with Sepsis research Group, 15 September, 2021.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. ICU: 10 bedded Pediatric Intensive Care Unit
2. Neonatal services: 4 bedded Neonatal area (to be functional soon)

6. RESEARCH

6.1. Publications

1. **Reddy M, Samprathi M**, Bhatia V. Medical Equipment Donation: An End in Itself or a Means to an End? Indian Journal of Critical Care Medicine. 2022 Feb 28;26(3):398–9.
2. **Anne RP,** Vardhelli V, Murki S, Oleti TP, Deshabhotla SK. Comparison of Fenton, Intergrowth 21st and population-based growth charts in predicting outcomes of very preterm small-for-gestational-age neonates. Accepted for publication in Indian Journal of Pediatrics.
3. **Anne RP,** Sundaram V, Kumar P. Repeated measurements of Score for Neonatal Acute Physiology-II for prediction of in-hospital mortality in severely septic preterm neonates. Accepted for publication in Indian Journal of Pediatrics.
4. **Anne RP**, Li J, Schaeffer E, Aroojis A, Mulpuri K, Murki S. Care practices of Indian pediatricians for the screening and diagnosis of developmental dysplasia of the hip. Accepted for publication in **Indian Journal of Pediatrics.**
5. **Samprathi M.** The Friend. Am J Trop Med Hyg. 2021 Aug 2; 105(3):553-554.

6.2. Books / Chapters:

1. **Anne RP**. Gupta A. Perinatal asphyxia. In: Jain A, Bhat BV. NNF Clinical Protocols in Perinatology. New Delhi. Jaypee Publishers. 2022. 314-322

6.3. Projects:

i. Intramural

Name	Title	Status
Dr Emine A Rahiman	A study on the community prevalence and clinico-biochemical correlation of B12, folate and iron deficiency in adolescents in the district of yadadri-Bhuvanagiri	Ongoing
Dr Rajendra Prasad Anne	A pilot study on newborn screening for congenital hypothyroidism in Hanamkonda, Warangal district.	Ongoing
Dr V Mounika Reddy	Epidemiology, etiology and outcomes of Severe Acute Respiratory Infections (SARI) in Children Aged 1 Month to 18 Years in the COVID-19 Era: A Hospital-based Prospective Observational Study	Ongoing

ii. Non-funded projects

Name	Title	Status
Dr Emine A Rahiman	Assessment of practices, the barriers associated with the successful implementation and impact of education on infant and young child feeding practices in rural telangana	Ongoing
	A cross-sectional study on awareness and practices on pediatric oncology among general pediatricians in Telangana	Ongoing
Dr Rajendra Prasad Anne	Assessment of newborn screening practices for congenital hypothyroidism: A cross-sectional study	Ongoing

7. DEPARTMENT ACHIEVEMENTS: AWARDS / HONORS / RECOGNITION

1. Dr Mounika Reddy was accepted as permanent member of the Global Sepsis Alliance Advance – Pediatrics Platform. 2021

8. PATIENT CARE / HOSPITAL SERVICES:

1. Weekly outpatient services to Rural Health Training Center, Bommalaramaram (Wednesdays)
2. Thrice weekly to District Hospital Bhuvanagiri (Tuesday/Thursday/Saturday: 9.30 AM – 12.30 PM)

9. MAJOR EVENTS OF THE DEPARTMENT

1. A CME program on Sickle Cell Disease was conducted on 21 June 2021 at AIIMS. Webinar on Sickle Cell Disease on the occasion of World Sickle Cell Day 2021 was conducted with a talk by Dr Graham Seargent from Jamaica, a world renowned expert on the disease.

2. A 10-day (20 hours) training program was organized from 22 June to 5 July 2021, for capacity-building of Nursing Officers in Pediatric Critical Care Nursing, consisting of didactic lectures, video demonstrations, case discussions and hands-on training at AIIMS Bibinagar.

<table>
<tr><td>  </td><td>1 - 7 August 2021
World Breastfeeding Week 2021</td></tr>
<tr><td>13 September 2021
“Pediatric Sepsis Update 2021”</td><td>  </td></tr>
<tr><td> 
</td><td>15 September, 2021
A Community Sepsis Awareness Program at Bommalaramaram PHC (RHTC)</td></tr>
</table>

DEPARTMENT OF PSYCHIATRY

1. Highlights

The department met the optimal undergraduate teaching standards, conducted research projects (completed an extramural research project and ongoing intramural projects) and published 20 research papers/systematic reviews/book chapters. The department has been able to provide standard outpatient care and is running a weekly extension community clinic. A National symposium was organized on 'Pregnancy, COVID-19 and Mental Health' with renowned speakers from Auckland, New Zealand and NIMHANS, Bengaluru. A special workshop on "Building resilience through a growth mindset for better mental health and emotional well - being" for MBBS students, with guest speaker from North Carolina, USA was organized. The department faculty have been invited as resource persons in national/international medical education programs.

2. Faculty and staff





Dr. Sai Krishna Tikk
Associate Professor and
HOD In-charge
Experience: 09 years



Dr.Barikar C Malathesh
Assistant Professor
Experience: 07 years

3. Staff: Staff Nurse – 1 & Attender – 1

4. ACADEMICS

4. 1. Teaching for MBBS

1. Undergraduate teaching: 7 online sessions (2hrs each; total 14 hours) (May' 2021)
2. Clinical Posting: 4th semester; 32 days (4 sub-batches, 08.11.2021 to 30.11.2021; 17.12.2021 to 24.12.2021; total 56 hours)
3. Foundation/orientation course (AETCOM/Mentorship)- 6 lectures

4.2. Details of Academics and Training

CMEs/ Workshops/Conferences/ Guest Speakers

i. Lectures delivered

Dr. Sai Krishna Tikka

1. Virtual orientation lecture on "Exercise and Mental Health", on 23.07.2021 at the Morarji Desai National Institute of Yoga (MDNIY), New Delhi.

2. Symposium on "Music in mental health", 18.09.2021.

3. ATAL Sponsored virtual FDP on Intelligent Computing in Healthcare, 2021, NIT Raipur from 20.09.2021 to 24.09.2021. Delivered an invited lecture on "Intelligent Computing for Brain Health: Applications in Psychiatry", 21.09.2021.

4. 17th Annual National Conference of Indian Association of Biological Psychiatry ANCIABP 2021, New Delhi, from 25.09.2021 to 26.09.2021. Delivered an invited lecture on "21st Century Translational Biomarkers in Schizophrenia", 26.09.2021.

5. Training program in mental health services for NMHP/DMHP team of Telangana", NIRD, Hyderabad on 27.09.2021 and 28.09.202.

6. Neural Correlates of Thought Disorder", Neuropsychiatric Clinical assessment and Neural Correlates Series 2021, WPA Section on Psychiatry in developing countries, on 01.10.2021.

7. 22nd Annual National Conference of Indian Association of Private Psychiatry ANCIAPP 2021, Guwahati, from 19.11.2021 to 21.11.2021 on 21st Century Translational Biomarkers in Schizophrenia".

8. 12th SAARC International Psychiatry Conference 2021, Kolkata, from 16.12.2021 to 18.12.2021. Delivered an invited lecture on "IPS National Suicide Helpline", 17.12.2021.

9. National level online workshop cum capacity building programme on research methodology, Internal Quality Assurance Cell (IQAC), Kazi Nazrul University, 07.02.2022 to 24.02.2022. Conducted an invited workshop session on "Psychological Scale Construction, Translation and Adaptation", 21.02.2022.

10. 73rd Annual National Conference of Indian Psychiatric Society- ANCIPS 2022, Vizag, 24.03.2022 to 26.03.2022. Delivered an invited symposium lecture during the ANNUAL CME session on "Suicide Assessment", 24.03.2022.

11. 73rd Annual National Conference of Indian Psychiatric Society- ANCIPS 2022, Vizag, 24.03.2022 to 26.03.2022. Conducted symposiums titled "Deprescribing" on 25.03.2022 and "Sports Psychiatry" on 26.03.2022.

Dr. BC Malathesh

12. 2nd National Workshop on the implementation of Mental Healthcare Act, 2017" held at NIMHANS Bangalore on 15.12.2021 as an invited resource person.

ii. Conferences/CME/Workshops organised

1. **National symposium of 'Pregnancy, COVID-19 and Mental Health':** The department organised a one-day national symposium of 'Pregnancy, COVID-19 and Mental Health' on 15.07.2021, in collaboration with the Perinatal Psychiatry Task force and the Telangana State

Branch of the Indian Psychiatric Society. The lead speakers for the symposium were Prof. Prabha Chandra from NIMHANS, Bengaluru and Dr. Chandni Prakash from Auckland, New Zealand.

2. **Workshop for undergraduate students:** The department organised a special workshop on "Building resilience through a growth mindset for better mental health and emotional well-being" for undergraduate MBBS students, on 16.03.2022. Dr.Hima Ravi, Duke University, North Carolina, USA was the guest resource person.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

1. Community Extension Clinic

6. RESEARCH

6.1 Publications:

1. **Tikka SK**,***Malathesh BC**, Sahoo DP, Bhatia V, Sreepada N, Meena S. Factor structure of the Telugu version of the Insomnia Severity Index (ISI) administered on grass-root, primary care health workers of rural Telangana during the covid-19 pandemic. Prim Care Companion CNS Disord. 2022; 24 (2): 21m03185.
2. Sharma R, **Tikka SK**, Bhute AR, Dhamija P, Bastia BK. N-Acetyl Cysteine in the treatment of cannabis use disorder: A systematic review of clinical trials. Addict Behav. 2022;129: 107283.
3. **Tikka SK, MalatheshBC,*** Arora A, Garre S, Jain V. A case of acute-onset post-covid delusional parasitosis: manifestation of a possible NeuroCovid or of covid infodemic. Indian J Psychol Med. 2022; 44 (2): 201–202.
4. Garg S, Dutta P, Tejan V, **Tikka SK**. OCD at the Advent of Fahr's Disease and Small-World Connectomics: A Case Report. Indian J Psychol Med. 2022;44 (1): 95–97.
5. **Malathesh BC, Tikka SK,**Yadukul S, Jain V. De-criminalization of suicide: An overview, key practical challenges, and suggestions to address them. Indian J Psychol Med. 2022; Published Ahead of Print. doi:10.1177/02537176221084075
6. Garg S, Goel D, **Tikka SK.** Pharmacological management of Behavioural and psychological symptoms of dementia (BPSD): Brief Review. Arch Ment Health. 2022. Published Ahead of Print. doi:10.4103/amh.amh_12_21
7. Das S, **Malathesh BC**, Manjunatha N. India's NITI Aayog's Health Index: Where Is Mental Health? Indian J Psychol Med. 2022; Published Ahead of Print. doi:10.1177/02537176211057411.
8. **Malathesh BC**, Manjunatha N, Kumar CN, Math SB, Thirthalli J. Conceptual framework of psychiatric care in India: moving from community psychiatry to public psychiatry. Open J Psychiatry Allied Sci. 2022. Published Ahead of Print.
9. **Tikka SK**, Parial S, Pattojoshi A, Bagadia A, Prakash C, Lahiri D, et al. Anxiety among pregnant women during the COVID-19 pandemic in India - A multicentric study. Asian J Psychiatr. 2021;66:102880.
10. **Tikka SK**, Parial S, Lahiri D, Prakash C, Chandra PS, CAn Study Group Collaborators. Development and validation of a scale to measure anxiety specific to pregnancy during the COVID-19 pandemic: The Antenatal COVID-19 Anxiety (AnCAn) Scale. Prim Care Companion CNS Disord. 2021;23(6):21m03038.

11. **Tikka SK,*** Garg S, Siddiqui MA. Prescribing Physical Activity in Mental Health: A Focused Review on the Latest Evidence, Recommendations, Challenges, and Relevance to India. Indian J Psychol Med. 2021; 43(6): 535–541.
12. Sharma R, **Tikka SK*,**Bhute AR, Bastia BK. Adherence of online surveys on mental health during the early part of the COVID-19 outbreak to standard reporting guidelines: A systematic review. Asian J Psychiatr. 2021;65:102799.
13. Godi S, Mamidipalli SS, Purushotham A*, **Tikka SK**. Repetitive transcranial magnetic stimulation and its role in suicidality: a systematic review. Asian J Psychiatr. 2021; 63:102755.
14. **Tikka SK**, Lahiri D, Bhatia V. Loss of a fellow doctor due to covid-19: a case of disenfranchised grief? BMJ Opinion. 2021; https://blogs.bmj.com/bmj/2021/07/06/loss-of-a-fellow-doctor-due-to-covid-19-a-case-of-disenfranchised-grief/
15. Sharma R, **Tikka SK**, Yadav AK, Bhute AR, Dhamija P, Bastia BK. Cerebrospinal fluid monoamine metabolite concentrations in suicide attempt: a meta-analysis. Asian J Psychiatr. 2021; 62:102711.
16. Siddiqui SV, Nizamie SH, Siddiqui MA, Jahan M, Garg S, **Tikka SK**, Umesh S. Evaluation of N-400 Evoked response potential in schizophrenia: An endophenotype or a disease marker. Psychiatry Res. 2021; 300:113907.
17. **Malathesh BC,** Bairy BK, Kumar CN, Nirisha PL, Gajera GV, Pandey P, Manjunatha N, Ganesh A, Mehrotra K, Bhaskarapillai B, Gunasekaran DM, Arora S, Sinha NK, Math SB. Impact Evaluation of Technology Driven Mental Health Capacity Building in Bihar, India. Psychiatr Q. 2021; 92 (4): 1855 – 66.
18. Sharma R, **Tikka SK**. COVID-19 in India: Badly affected migrant workers and the added menace of substance abuse. Ind Psychiatry J. 2021; 30(2): 364–365.
19. **Tikka SK**, Chawan N, Nizamie SH, Das AK, Nidhi Aggarwal N, Venkatesh Babu GM. Performance of schizophrenia patients on self-monitoring task: A cross-sectional study. Med Int J of Psychol. 2021; 19(3): 32-35.
20. Chawan N, **Tikka SK**, Jain S. Common cardiovascular non-communicable diseases in the parental generation across different anxiety disorders: cross sectional study using pedigree analysis. Med Int J of Psychol. 2021; 20(1): 6-8.

6.2. Books / Chapters

1. **Tikka SK**, Thippeswamy H, Chandra PS. The Influence of Culture on Perinatal Mental Health. In: Percudani M, Bramante A, Brenna V, Pariante C (Eds). Key Topics in Perinatal Mental Health. Switzerland: Springer Nature; 2022: pp. 287–302.
2. **Tikka SK**, Garg S. Sleep in schizophrenia. In: Gupta R, Pandi-Perumal SR, Neubauer DN (Eds). Sleep and Neuropsychiatry. Singapore: Springer Nature; 2022:pp. 397–435.

6.3 Projects

i. Intramural funded:

Name	Role	Title	Status
Dr. Sai Krishna Tikka	PI	Assessment of psychosis risk in Indian Youth: A community based cross-sectional pilot study, Yadadri-Bhuvanagiri district, Telangana	Ogoing

ii. Non-funded

Name	Role	Title of the Project	Status
Dr. Sai Krishna Tikka	PI	"Heartfulness based meditation practice and its effect on psychological health of school teachers of Telangana"	ongoing

7. DEPARTMENT ACHIEVEMENTS: AWARDS / HONOURS / RECOGNITION:

Dr. Sai Krishna Tikka

1. Indian Psychiatric Society- Bombay Psychiatric Society Silver Jubilee (BPSS) award (as co-author) for the paper titled "Efficacy of intensive bilateral temporoparietal continuous theta-burst stimulation for auditory verbal hallucinations in schizophrenia: a randomised sham-controlled trial" at the 73nd Annual National Conference of Indian Psychiatric Society (ANCIPS) 2022, Vizag, 25.03.2022.

2. Indian Psychiatric Society- Poona Psychiatrists Association- II award (as co-author) for the paper titled "Efficacy of Intensive Cerebellar Intermittent Theta Burst Stimulation (iCiTBS) in Treatment-Resistant Schizophrenia: a Randomised Placebo-Controlled Study" at the 73nd Annual National Conference of Indian Psychiatric Society (ANCIPS) 2022, Vizag, 25.03.2022.

Dr. BC Malathesh

3. Dr. SS Jayaram Best Paper Award (as co-author) for the paper titled "Does the Collaborative Video Consultations module in 'Diploma in Primary Care Psychiatry' helpful?" at the 54th Annual Conference of the Indian Psychiatric Society- South Zonal Branch (IPSOCON) 2021, Madurai, 23.10.2021.

4. 3rd place in best community psychiatry research paper competition for the paper titled "Qualitative perspectives of stakeholders on the role of ASHA in Indian public mental health care" on 13/10/2021 (Virtual mode).

8. PATIENT CARE / HOSPITAL SERVICES

- Daily OPD services, e-sanjeevani, Psychotherapy and counselling services.
- Special extension services at the RHTC, Bommalaramaram: Once weekly (Every Tuesday) visits are made to the RHTC, Bommalaramaram, as part of our community psychiatry services.
- IPD services for consultation liaison.
- COVID-19: Dr. Sai Krishna Tikka worked as the Additional Nodal Officer, COVID Care Committee, AIIMS Bibinagar Was posted for serving ward duties twice.
- Diploma in Primary Care Psychiatry: In collaboration with NIMHANS, Bengaluru, the department has developed the curriculum and has proposed to start the Diploma in Primary Care Psychiatry, a one-year training course for MBBS doctors working in peripheral areas. The proposal has been approved by the Institute's Standing Academic Committee.

9. MAJOR EVENTS OF THE DEPARTMENT

	‘Medical Negligence” World Suicide prevention Week 2021 Faculty Development Program
15 July 2021 ‘Pregnancy, COVID-19 and Mental Health’ Collaboration with Indian Psychiatric Society. Prof. Prabha Chandra from NIMHANS, Bengaluru and Dr. Chandni Prakash from Auckland, New Zealand.	
	**16 March 2022** ‘Building resilience through a growth mindset for better mental health and emotional well- being’ Dr.Hima Ravi, Duke University, North Carolina, USA as guest resource person.
Educational Training to rural frontline primary health care workers on psychosocial interventions	

DEPARTMENT OF RADIODIAGNOSIS

1. Highlights

Department of Radiodiagnosis celebrated its foundation Day on 17.07.2021, and ever since has been providing Ultrasound and conventional radiography services. About 4500 Ultrasound examinations (including speciality scans such as musculoskeletal Ultrasound and guided interventions) and about 18,000 radiographs have been taken. Two PG seats have been approved for each session of PG-INI entrance. The procurement process of high-end USG machines and dual detector digital radiography system has been completed and the machines will be installed. First Radiology audit on radiographic views of the upper limb was conducted. Regular academic activities, journal clubs, seminars, case discussions, ortho-radiology sessions, and demonstrations are conducted. Inter departmental and inter institutional collaborations made for research projects.

2. Faculty and staff





Dr. Abhishek J. Arora
Additional Professor &HoD
Experience: 15 years



Dr.Annapurna Srirambhatla
Associate professor
Experience: 12 years

Names	Designation	Date of Joining
Dr. Heena Mehadi Khatoon	Senior Resident	24-12-2021
Dr. S. Poojitha	Senior Resident	12-01-2022

3. Staff:

Junior Residents	Lab technicians	Staff Nurse
1	2	2

4. ACADEMICS

4.2. Teaching Learning Methods:

1. Radiographic view of Shoulder, wrist, Elbow
2. Live Demonstration on Ventral Wrist, Dorsal wrist on USG imaging
3. Revision/ workshop by SR USG - Ventral wrist
4. Hands on practice by SR's dorsal wrist

4.3. Details of Academics and Training:

i. Conferences/CME/Workshops organised/ Guest Speakers:

Dr. Abhishek Jagdishchander Arora

- Moderated multiple Abdominal Radiology webinars every Saturday from December 2020 to July 2021 under the aegis of ICRI and IRIA.
- State council member of Telangana State – IRIA.

ii. Lectures delivered:

Dr. Abhishek J. Arora

1. Vertical integration lecture on CNS infections, 2021
2. Urinary tract Emergencies, 2021

Dr. S. Annapurna

3. Emerging concerns of post COVID 19 AVN of femoral head, AIIMS Bibinagar – Orthopaedics department, 19-12-2021.
4. Case based discussion of gynaecological pathologies, IREP-IRIA TS Chapter, Telangana - 27.11.2021.
5. Anatomy of Mediastinum, 5th RAC, IRIA-TS, 22.8.2021.
6. Coordinator for State level preliminary residents' quiz, IRIA-TS, 15.8.2021.

iii. Fellowships:

Dr.S.Annapurna

Completed and obtained certification of course on '**Basic Biomedical Research**" Jan-Jun 2021.

5. FACILITIES AVAILABLE IN THE DEPARTMENT

- Radiography services
- Ultrasound services
- Image guided FNAC procedures

6. RESEARCH

6.1 Publications

1. Tikka SK, Malathesh B C., **Arora A J**., Murthuza S, Garre S and Jain V. A Case of Acute-Onset Post-COVID Delusional Parasitosis: A Manifestation of a Possible Neuro-COVID or of COVID Infodemic? Indian J Psychol Med. 2022;44(2): 201–202
2. Alugolu R, Kolpakwar S, Mudumba V, **Arora A**, Kandadai R, Borgohain R. Prospective analysis of gross and fine motor manifestations following STN-DBS and their correlation with electrode position. Journal of Neurosurgical Sciences. 2021 Oct 14.

3. Syed TF, Kumar S, Sd T, **Arora A**, Alugolu R, Kandadai R, Kutala V, Borgohain R. Volumetric analysis of hippocampal volume: Correlation with BDNF-Val66Met polymorphism and cognitive impairment in South Indian PD patients. Journal of the Neurological Sciences. 2021 Oct 1;429.
4. Kolpakwar S, **Arora AJ**, Pavan S, Kandadai RM, Alugolu R, Saradhi MV, Borgohain R. Volumetric analysis of subthalamic nucleus and red nucleus in patients of advanced Parkinson's disease using SWI sequences. Surgical Neurology International. 2021;12.
5. **Srirambhatla A, Arora AJ**. COVID-19 Pandemic: An Indian radiologist' perspective. Indian J Public Health 2022; 66:74-6.
6. **Srirambhatla A,** Mittal S, Vedantham H. Efficacy of Pulsatility Index of Fetal Vessels in Predicting Adverse Perinatal Outcomes in Fetuses with Growth Restriction – Differences in Early- and Late-Onset Fetal Growth Restriction MAEDICA – a Journal of Clinical Medicine 2022; 17(1): 115-123
7. **Srirambhatla A,** Arora AJ. COVID-19 Pandemic: An Indian radiologist' perspective. Indian J Public Health 2022; 66:74-6.
8. **Srirambhatla A**, Narayanam S, Kannepalli PL. Silent perforation and migration of IUCD: A diagnostic challenge in patients with pain abdomen: A case report. Indian J Case Reports. 2021;7(8):330-332
9. S, Y., Parmar, P., Mada, P., Reddy, D., **& Srirambhatla**, A. Covid-19 vaccination for children in India: Queries and Clarifications regarding consent. *Indian Journal of Preventive & Social Medicine*, 2022; *53*(1), 69-72.
10. Yadukul S, Pragnesh Parmar, Prashanth Mada, Reddy DP, **Srirambhatla Annapurna**. Use of fingerprint Biometric in the workplace during COVID times: a critical viewpoint. Int J Health Res Medico Leg Prae 2021 JanJun;7(1):109-111. Doi: 10.31741/ijhrmlp.v7.i1.2021.21.

6.2. Projects:

i. Extramural

Name	Role	Fund	Title	Status
Dr. Abhishek J. Arora	Co-PI	ICMR	Proposal for collaboration on Validation of software on chest X-Ray computer Aided Diagnosis	Completed
Dr.S. Annapurna	Co-PI	ICMR	Multislice spiral CT scan of venous drainage of liver-application in living live donor liver transplantation	Technical acceptance
	Co-PI		Generic protocol for Establishment of National Hospital based Registry on Venous Thromboembolism at AIIMS, Bibinagar, Hyderabad	Ongoing

ii. Intramural

Name	Role	Title of the Project	Status
Dr.S. Annapurna	Co-PI	Long COVID phenomenon and its association with deranged coagulation	On going
	Co-PI	Estimation of chronological age by X-ray findings among adolescent &elderly age group which are of Medico-legal Importance	On going

7. PATIENT CARE / HOSPITAL SERVICES:

Statistics of the Department

Type of services/ Facilities	Number of patients covered
Ultrasound	4340 patients
Conventional Radiography	8399 patients with 17898 radiographs

8. MAJOR EVENTS OF THE DEPARTMENT



17 July 2021
Foundation Day

HOSPITAL SERVICES

1. Hospital Committees

S. No	Designation/Role	Details
1.	Medical Superintendent	Dr. Neeraj Agarwal
2.	Additional Medical Superintendent	Dr. S. Kalyani Surya Dhana Lakshmi
3.	Deputy Medical Superintendent – Investigations/ Government Scheme/ House Keeping/ Hospital Security	Dr.Madhusudhan. S Lab Committee Dr. Aparna Varma Bhongir / Dr. Lakshmi Jyothi Tadi /Dr. Madhuri Taranikanti /Dr. Shailaja Prabhala
4.	Deputy Medical Superintendent- MRD /Reg/Billing/ Patients Grievances/ Hospital Census/Reporting.	Dr.Yadukul.S Faculty In-charge Dr. Gerard Marshall Raj D (HMIS)
5.	Deputy Medical Superintendent – OPD/IPD/ICU/Dietary Services & SR/JR.	Faculty In-charge: Dr.Vishaka Jain Dr.Seetu Palo (Nursing) Dr. Tushar Mohanlal Parmeshwar (Emergency/OPD)
6.	Deputy Medical Superintendent- Logistics/ Supply chain/Swachhata Action Plan/ Manpower.	Faculty In-charge Dr. Anish Singhal Dr. VS Vijitha (Hospital Store) Dr. Gerard Marshall Raj D (Pharmacy)
7.	Bid Evaluation committee for Departments	Chairman HOD or i/c HOD Faculty of the indenting department Dr. Maheshwar Lakkireddy Dr.MrudulaChandrupatla Dr.PragneshPamar Concerned Deputy Medical Superintendent
8.	Bid Evaluation committee for Hospital Stores	Chairman AMS/Concerned Deputy Medical Superintendent Any Faculty ic(s) or Nodal Officer Dr. Maheshwar Lakkireddy Dr.MrudulaChandrupatla Dr.PragneshPamar Faculty Incharge Hospital Store/Pharmacy
9.	Local purchase Committee	Dr. Anand Payati Dr. Kishore Yadav Jothula Dr.Surraj.S Dr. Tushar Mohanlal Parmeshwar
10.	Technical Evaluation & Inspection	Dr. S. Kalyani Surya Dhana lakshmi Dr. Jitendra Singh Nigam Dr. Vijitha VS, HOD of Respective Department Faculty I/C Pharmacy (Pharamcy related products)

1.1. Out Patient department

The Outpatient department (OPD) services at AIIMS Bibinagar started under the leadership of esteemed Executive Director Dr. Vikas Bhatia on 2nd June 2020 amidst the COVID-19 pandemic. But soon the ragging pandemic brought all routine health services since 16th July 2020 to standstill and AIIMS Bibinagar took this up as challenge and started online consultation through E-Sanjeevani portal and teleconsultations. The routine services were restarted on 5th November 2020. There were basic speciality service's available at AIIMS, Bibinagar. And in the year 2021-2022 many speciality OPD were started in full swing. At present we have OPDs of departments of Medicine, Surgery,Obstetrics and Gynaecology, Community Medicine and Family Medicine (CMFM), Dermatology, Psychiatry, Paediatrics, Orthopaedics, Ophthalmology and Otolaryngology.The department of CMFM has speciality services like Health and wellness clinic with psychological counselling as well as Diet and Yoga counselling. In the year 2021- 2022 AIIMS, Bibinagar has seen a foot fall of about 73200 patients in the entire year despite 3rd wave of COVID pandemic. It has shown an exponential growth of 139 % as compared to the year 2020-2021 (5260 patients).

Vaccination services under department of CMFM caters to COVID -19 for adults and vaccination for children under national immunisation programme. The Rural health training centre (RHTC) at Bommalaramaram catered to 1829 patients in the year 2021-2022. The specialists of department of Obstetrics and Gynaecology and Pediatrics attended to 303 patients at the district hospital.The various departments (General Surgery - 2987, Dermatology- 136, Obstetrics and Gynaecology- 55, Orthopaedics-376, Opthalmology -126 and ENT-900) have been doing minor procedures in OPD and a total of 4580 were done the last year.





OPD services at AIIMS, Bibinagar

1.2. Speciality OPDs available in the Institute:

S. N	Speciality OPD	Consultants	Day (9.00 am – 1.00 pm)
1	Community and family medicine (ARSH) clinic	Dr Rashmi Kundapur	Tuesday and Thursday
2	Non-communicable disease clinic	Dr GovindraoKuseneniwar	Monday to Saturday
3	Vaccination / immunization clinic	Dr Durgesh Prasad Sahoo	Monday to Saturday
4	ICTC clinic	Dr. Meely Panda	Monday to Saturday
5	Senior citizen Clinic	Dr . Vaman Kulkarni	Wednesday and Friday
6	Health and happiness clinic	Dr . Gomathi R	Monday and Tuesday
7	Designated Microscopy centre	Dr Kishore Yadav J	Monday to Saturday
8	Medicine	Dr Sakthivadivel V; Dr.Vishakha Jain	Monday to Saturday
9	General Surgery	Dr. S Siddharth Rao; Dr. Krishna Ramavath; Dr.Nyna Sindhu; Dr. Tushar Parmeshwar	Monday to Saturday
10	Paediatrics	Dr. Madhusudan; Dr. Syed Ahmed Zaki; Dr. Mounika Reddy Dr. Rajendra Prasad Anne, Dr.EmineRahiman	Monday to Saturday
11	Obstetrics and Gynaecology	Dr.Nabnitha Patnaik, Dr.Naina Kumar, Dr. Mishu Mangla, Dr. J Aparna	Monday to Saturday
12	Dermatology , venerology and Sexually transmitted diseases	Dr. Deepthi Konda	Monday to Saturday
13	Psychiatry	Dr.Saikrishna Tikka Dr. B C Malathesh	Monday to Saturday
14	Orthopaedics	Dr. M Lakkiredddy, Dr. Ravi Kumar, Dr. Maley Deepak Kumar	Monday to Saturday
15	Opthalmology	Dr. Arvind Morya, Dr.Siddharam, Dr. K Raghvendra Rao, Dr. V S Vijitha	Monday to Saturday
16	Otolaringology (ENT)	Dr.Namitkant Singh, Dr.NeemuHage, Dr. Balaji	Monday to Saturday
17	Pain and Palliative care Critical care clinic	Dr S Kalyani, Dr Syama Sundar Dr Kiran Gudivada, Dr CH Ramakrishna, Dr Sandeep Garre	Monday to Saturday
18	Critical care clinic	Dr S Kalyani, Dr Syama Sundar Dr Kiran Gudivada Dr CH Ramakrishna, Dr Sandeep Garre	Monday to Saturday

1.3. Services available in OPD:

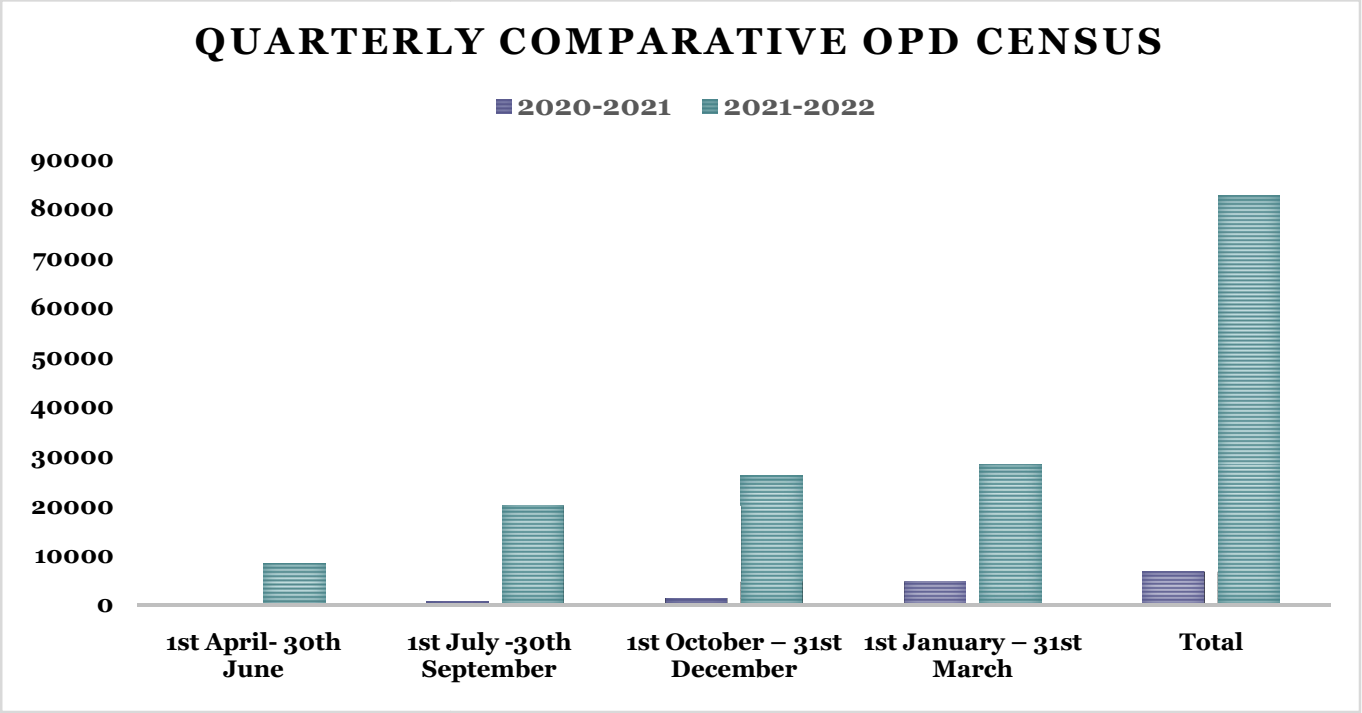
S.No	Services available in OPD	Department
1	Electrocardiography (ECG)	Medicine
2	Echocardiography (ECHO) – started in February 2022	Medicine
3	Central laboratory blood collection and reporting	Biochemistry, Pathology, Microbiology
4	Imaging (X ray, Ultrasonography, Doppler)	Radiodiagnosis
5	Physiotherapy	Orthopaedics
6	Minor OPD procedures	General Surgery, ENT, Orthopaedics, Obstetrics and Gynaecology, Opthalmology
7	Telemedicine – E Sanjeevani	All departments
8	COVID Helpline	All departments
9	Yoga	Community Medicine and Family Medicine
10	Psychological counselling	Community Medicine and Family Medicine

1.4. OPD Services Statistics:

Services	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22
ECG	156	68	158	222	279	342	449	650	729	525	799	1022
ECHO											2	25
Physiotherapy									584	593	541	
Telemedicine	0	0	0	1	19	9	0	0	0	0	0	0
E Sanjeevani	0	0	0	16	10	8	10	4	2	0	0	0
Yoga									124	69	58	
COVID vaccination	2848	998	431	3919	1877	2711	1420	922	1475	1486	820	459

1.5. OPD Census

S. No	Quarter	2020-2021: OPD census	2021-2022: OPD census
1	1st April- 30th June	NA	8264
2	1st July -30th September	607	19953
3	1st October – 31st December	1383	26093
4	1st January – 31st March	4649	28408
Total		**6639**	**82,718**



2. Emergency Services

The limited Emergency services were started at AIIMS, Bibinagar in April 2021 to cater to emergency amongst students and staff of the institute. It has been extended to emergency patients being brought to OPD who are stabilised and either admitted in the inpatient of the institute or are referred to other higher centres. A variety of patients with seizure disorders, dehydration, acute gastroenteritis, exacerbation of bronchial asthma, injuries, chest pain, acute coronary syndromes, arrhythmias, stroke, breathlessness, hypoglycaemia etc. are managed and stabilised in the emergency room. A total of 60 patients have been treated in ER in the past 1 year.

3. Inpatient services

Under the guidance of Executive Director, Dr.Vikas Bhatia and Medical Superintendent, Dr. Neeraj Agarwal the in-patient department (IPD) services commenced on 1st July 2021. The IPD started with 50 beds initially and escalated to 100 beds. All specialities have beds in IPD: Medicine (30 beds), General Surgery (20 beds), Obstetrics and Gynaecology (12 beds), Paediatrics (10 beds), Orthopaedics (10 beds), Dermatology (4 beds), Psychiatry (4 beds), Otolaryngology (5 beds) and Opthalmology (5 beds). From July 2021 - till 31st March 2022 about 464 received treatment at inpatient department.



1 July 2021
Commencement of IPD services



Emergency room Facilities



Executive Director, Dr. Vikas Bhatia celebrating the commencement of IPD services with patients.



IPD services at AIIMS, Bibinagar

3.1. IPD STATISTICS FOR 2021-2022

Total admissions (IPD) 1st July 2021 to 31st March 2022										
Department	**Jul 21**	**Aug 21**	**Sep 21**	**Oct 21**	**Nov 21**	**Dec 21**	**Jan 22**	**Feb 22**	**Mar 22**	**Total**
Medicine	12	23	32	29	38	28	6	29	59	**256**
Dermatology	0	0	0	0	0	0	0	0	1	**1**
Psychiatry	0	1	1	0	1	0	0	0	2	**5**
General surgery	0	0	1	1	6	3	7	11	35	**64**
Orthopedics	0	1	0	2	1	0	5	8	4	**21**
ENT	0	0	1	0	3	5	4	7	11	**31**
Ophthalmology	0	0	0	0	1	2	1	0	4	**8**
Pediatrics	3	2	8	21	4	8	4	10	10	**70**
Obstetrics and Gynecology	1	4	0	0	3	4	0	7	7	**26**
Total	**16**	**31**	**43**	**53**	**57**	**50**	**27**	**72**	**133**	**482**

3.2. Comparative IPD Statistics

S. No	Quarter	2020-2021 IPD admissions	2021-2022 IPD admissions
2	1st July - 30th September	IPD was started on 1st July 2021	90
3	1st October – 31st December		160
4	1st January – 31st March		232
Total			**482**

3.3. Intensive Care Unit (ICU) – Adult:

The Second Wave of COVID created an unprecedented shortage of ICU beds all over India. As a means of preparedness for the 3rd wave, AIIMS Bibinagar, under the leadership of Executive Director Dr Vikas Bhatia, drafted a plan of action to create the best ICU setup through CSR and Govt Support. Compassionate Pandemic Response group stepped forward to work with AIIMS Bibinagar in setting up a world-class 10-bedded ICU with high-end ICU beds, ventilators, monitors, defibrillator, Ultrasound machine with 2D-Echo and Dialysis machine. This ICU is the first of its kind in India with an HVAC system having 100% HEPA filtered fresh air without recycling, leaving no chance for hospital-acquired infection. This facility is flexible to convert from positive pressure ventilation to negative pressure isolation ICU when required, such as in the requirement of COVID-19 isolation. A Pooja ceremony was performed during the auspicious time of Dussehra 16th October 2021 for commencement of ICU services. Till date many 102 patients have received treatment in the adult ICU.





ICU services

4. LABORATORIES

Three laboratories function in the hospital – Biochemistry, Pathology and Microbiology. The sample collection area functions from 8 AM to 2 PM on weekdays and from 8 AM to 1 PM on Saturdays. Samples for all 3 laboratories are collected by 2 trained technicians. A Nursing Officer has been deputed to register and guide patients at the entrance of the sample collection area. Currently, the Department of Radiology offers X-ray and ultrasonography to out-patients and in-patients.

Lab statistics

Month	Pathology	Microbiology	Biochemistry	Radiology – X ray Cases	Radiology – X ray Exposures	Radiology – USG
April 21	406	3081	1841	-	-	-
May 21	372	4102	3912	-	-	-
Jun 21	645	2527	3859	-	-	-
Jul 21	1019	1738	5149	168	302	92
Aug 21	1353	1806	5933	472	894	305
Sep 21	2136	2540	7257	610	1297	377
Oct 21	2263	2087	8674	663	1419	415
Nov 21	3154	1835	12883	1059	2298	462
Dec 21	3740	2453	10792	1255	2791	544
Jan 22	2674	4705	10149	1103	2393	548
Feb 22	3641	2519	14781	1358	2866	678
Mar 22	4754	2583	18614	1701	3638	919
Total	**26157**	**31976**	**103844**	**8389**	**17898**	**4340**

5. Housekeeping

A total of 150 housekeeping personnel are currently employed in the Institute. About 90 of them work in general shift i.e. 8 AM to 5 PM, the rest work in 3 shifts - morning shift (7 AM to 3 PM) or in evening shift (2 PM to 9 PM) and night shift (9 PM to 7 AM).

6. **Security**

A total of 148 security personnel are currently employed in the Institute. About 100 of them were recruited between April 2021 and March 2022. They work in 3 shifts; shift 1 6 AM – 2 PM; shift 2 2 PM – 10 PM and shift 3, 10 PM – 6 AM. Around 20 of them are posted for general duty, between 9 AM – 5 PM.

7. CENTRAL STERILE SUPPLY DEPARTMENT (CSSD)

Equipment received inspection, site readiness, installation, commissioning and functionality done. CSSD in the operation theatre complex has been functioning from 15 Nov 2021.

S.No	Department	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22
1	OBG	-	18	25	32	40
2	Orthopedics	-	12	12	11	25
3	General Surgery	-	11	14	19	19
4	IPD	-	7	02	09	31
5	ENT	-		0	0	8
6	Ophthalmology	-	4	06	01	4
7	ICU	-	-	0	05	3
8	Dermatology	-	-	08	05	9
9	ER	-	-	0	0	1
10	PICU	-	-	0	0	2
11	OT	32	36	63	28	154
Total		**32**	**88**	**130**	**110**	**296**

8. AMBULANCE SERVICES

1. System of filing for Diesel / servicing established.
2. Rosters for Drivers made
3. Protocol for Ambulance utilization made

9. OXYGEN CELL

Oxygen cell has formed on 25/05/2021 with the following members for uninterrupted oxygen supply:

1. Dr.Ayya Syama Sundar : Faculty In-charge for Oxygen Cell and Nodal Officer for PSA plant
2. Dr Ch Rama Krishna : Assistant Professor, Member Oxygen cell
3. Mr. Shanoob, Nursing Officer, Member Oxygen cell

Oxygen Resources available:

1. PSA plants :
    1. Two PSA plants of 1000 LPM capacity with an additional Air compressor for each plant(funded by The Prime Minister's Citizen Assistance and Relief in Emergency Situations (PM CARES))
    2. Bambino pasta Pvt Ltd: 1 plant: 883 LPM
2. Manifold: change over system with 1320 litres per minute capacity
3. Oxygen cylinders:
    i. D-Type (Bulk) oxygen cylinders: 235
    ii. B type Cylinders: 13
4. Oxygen concentrators: 54
5. MGPS: to 40 Oxygen beds, 30 ICU beds & OT complex
6. Power Back up for PSA plants:500 KV DG set

Two PSA plants of 1000 LPM capacity funded by PM CARES were commissioned on 16/09/2021 and 25/09/2021. Bambino Pasta food industries Pvt. Ltd., Bangalore offered 883LPM capacity PSA plant was delivered on 22/09/2021. The commissioning of Bambino offered PSA Oxygen Plant is in the process. Power backup for the PM CARES PSA plants was provided by the 500 KVA capacities, which was commissioned on 27/12/2021. These two PSA plants are also provided with Voltage stabilizers and additional air compressors which are essential for 24X7 and 365 days operation of the PSA Oxygen Plants.

These PSA plants are backed with 2 banks of 10 bulk Oxygen cylinders manifold headers with change over unit with 1320 litres per minute Automatic bank switching facility. Manifold is also equipped with central vacuum suction apparatus along with medical air compressor. These types of equipment are useful for the functioning of medical Gas pipeline systems (MGPS). There are 235 Bulk oxygen cylinders, 13 B type oxygen cylinders, pressure regulators and 54 Oxygen concentrators which are useful to provide oxygen directly to the patients at the bedside in case of failure of MGPS or manifold. These oxygen resources support uninterrupted oxygen supply for our 40 Oxygen beds, 30 ICU beds, OT complex and extra oxygen demands during COVID outbreaks. It is connected to the Oxygen Digital Tracking System and the geo-coordinates of the health facility are used to optimize faster delivery of oxygen.

10. MEDICAL GAS PIPELINE SYSTEM

- MGPS basic previous laid pipeline has been validated, repair work, leak tests, painting done.
- Manifold room constructed, air compressor installed, Vacuum system for central suction installed. 10-cylinder manifold in place.
- Procurement and installation of flow meters and suction for 70 oxygen outlets and suction ports done and in working condition.

11. LAUNDRY DETAILS

S.No	NOMENCLATURE	Total
1	Scrub Suit Blue Pant	700
2	Scrub Suit Blue ShorT	700
3	Surgeon Gown	538
4	Patient Gown	157
5	Bed Sheet	2916
6	Pillow Cover	706
7	Drape Sheet	782
8	Eye Towel	7
9	Green Cap	26
10	Blanket	583
11	Hole Sheet	205
12	Trolley Sheet	87
13	Scrub Suit	82
14	HandTowel	238
15	Green Tray Covering Sheet	24
16	Mackintosh	49

(A) Documentation

I. Documents in hardcopy:

1) Certified Received Voucher File (CRVFile)
2) Received Voucher (RV-01 file) – 01 (ExpendableItems)
3) Received Voucher (RV-02 file) – 02 (FurnitureItems)
4) Received Voucher (RV-03 file) – 03 (NonExpendableItems)
5) Received Voucher (RV-04 file) – 04 (MedicalConsumable)
6) Swach Bharat Certified Received Voucher File (SwachBharatCRV)
7) Non AvailabilityFile
8) Summary File in which All Indents of themonths
9) Demand Control Register
10) Salvage File
11) Hospital Corresponding File Hospital Store
12) General Corresponding File Hospital Store
13) Imprest Account File
14) HITES file
15) Annual Stocking File

II. Ledgers:

1) Ledger 1 – Expendables Ledger,
2) Ledger 2 – Furniture Ledger
3) Ledger 3 – Non – expendableledger
4) Ledger 4 (I) – Medical Consumable
5) Ledger 5 – Swachh Bharat
6) Ledger 6 – Salvage Ledger

III. Digital records:

1. Summary File
2. Hospital Store Stock (Equivalent to LiveInventory)
3. Non availabilityFile
4. Soft copy of Ledgers
5. RV/CRV/CIV File

(B) Milestones

1. Development of SOP No. 1.1.0 for Hospital Store
2. Streamlining of indent cycle from all departments
3. Expansion of scope of Inventory from medical consumables (at inception) to: medical & surgical consumables, medical equipment, furniture,
4. Maintenance of digital records with 2 systems
5. Establishment of critical items and re-order quantities
6. Generation of monthly shortage data and initiation of order/ re-order process with the Office of the Medical Superintendent
7. Completion of Annual Stock Verification in April 2022

(C) Work in near future

1. Expansion of inventory space to meet and accommodate the increasing demand of consumables and equipment
2. Further streamlining of inventory cycle in conjunction with all departments and Office of the Medical Superintendent
3. Digital Inventory Management

Oxygen Resources









12. HOSPITAL PHARMACY

Started functioning from the 1st of July 2021

12.1. Data Maintenance

- All the data of the drugs stored in the computer system as well as in the ledgers.
- CIV, RV and CIV data stored in the computer system and hard copy stored in individual files.

Progress

S.No	Procurement CRV No	Request for Procurement	Drugs procured	Total Cost (Rs)
1	1	OT	71	75,933
2	2	ICU ward	78	1,61,938
3	3	Paediatric	44	24,929
4	4	Covid ward	162	2,10,076
5	5	ICU Specific	53	45,719
6	6	OT (Narcotic Drugs)	5	36,277
7	7	OT	72	2,49,444

Summary of Procurements by MS Office are as follows: -

S. No	Items	No of Procurements	Total No of Items	Total Expenditure (Rs)
1	Consumables	48	429	4,600,549.29
2	Covid related	25	366	4,903,119.27
3	Drugs	8	579	843,690.94
4	Equipments	6	55	1,576,822.00
5	Furniture	6	50	659,752.02
6	Instruments	5	173	387,908.00
7	Linen	2	18	245,012.00
8	Miscellaneous	4	155	443,021.00
	Total	104	1825	**13,659,874.52**

Registered Vendors with MS Office

S. No	Vendors Registered	Category
1	03	Pharmaceutical & Drugs
2	03	Refilling of Oxygen Cylinders

Rate Contracts Processed by MS Office

S.No	Department	Item
1	Pathology	Lab Items
2	Biochemistry	Lab Items

Equipments procured by HITES

DPR 2021-2022					
S.No	**Item**	**Department**	**Qty**	**Unit Price (Rs) (inclusive GST at consignee)**	**Total Price (Rs) (inclusive GST at consignee)**
1	Vaccum Assisted Tissue Processor	Pathology & Lab Medicine	1	1,699,200	1,699,200
2	Embedding Station With Hot & Cold Table & Paraffin Dispenser	Pathology & Lab Medicine	1	329,220	329,220
3	Microtome - Fully Automated	Pathology & Lab Medicine	1	355,239	355,239
4	Pure Tone Audiometer	Pathology & Lab Medicine	1	619,500	619,500
5	Laboratory Centrifuge	Microbiology	2	35,400	70,800
6	Semi Automated Elisa System With Washers	Microbiology	1	967,600	967,600
7	Analgesiometer - Tail Flick (Digital)	Pharmacology	1	17,700	17,700
8	Electroconvulsiometer (With Ear And Corneal Electrodes)	Pharmacology	1	82,600	82,600
9	Cook'S Pole Climbing Apparatus	Pharmacology	1	17,100	17,100
10	Rotarod (6 Compartments)-	Pharmacology	1	18,800	18,800
11	Photoactometer	Pharmacology	1	11,210	11,210
12	Incubator (20 - 100 Degc)	Pharmacology	1	123,436.26	123,436
13	Refrigerator -20 Deg C (With Boxes To Store Samples)	Pharmacology	1	138,060	138,060
14	Critical Flicker Fusion Apparatus	Pharmacology	1	106,400	106,400
15	Elisa Reader (Automated)	Pharmacology	1	967,600	967,600
16	Electrolyte Analyzer	Pharmacology	1	99,120	99,120
17	Ecg Machine 12 Channel	Pharmacology	1	70,560	70,560
18	Electronic Balance	Pharmacology	1	201,780	201,780
19	Cardiac Monitor	Pharmacology	1	299,630	299,630
20	Lab. Centrifuge Machine (Digital)	Pharmacology	2	35,400	70,800
21	Student Electric Kymograph With Drum	Pharmacology	4	23,520	94,080
22	Ecg Machine (12 Channel)	CMFM	1	70,560	70,560
23	Electro Hydraulic OT Table	Surgery	1	1,056,200	1,056,200
24	ESU With Vessel Sealing	Surgery	1	339,999.52	340,000
25	Syringe Infusion Pump	Medicine	8	23,744	189,952
26	Ecg Machine 12 Channel	Medicine	1	70,560	70,560
27	Suction Machine	Medicine	2	32,480	64,960
28	Neonatal Open Care System	Pediatrics	2	190,000	380,000
29	Stadiometer	Pediatrics	1	18,880	18,880
30	Laryngoscope With Different Size Of Blade Size	Pediatrics	2	37,867.20	75,734
31	Transport Incubator	Pediatrics	1	566,786	566,786
32	Weighing Machine(Pediatrics)	Pediatrics	2	3,304	6,608
33	Bubble CPAP Machine	Pediatrics	2	279,786	559,572

34	LEEP System with Smoke Evacuator & Integrated Cart	OBGY	1	554,400	554,400
35	Cryo Surgical System	OBGY	1	380,800	380,800
36	MTP Suction	OBGY	1	140,000	140,000
37	Orthopedic Table with Attachments	Orthopedics	1	1,650,820	1,650,820
38	C-Arm	Orthopedics	1	1,580,320	1,580,320
39	Plaster Saw and Equipments	Orthopedics	2	25,200	50,400
40	Photo Slit Lamp (With Applanation Tonometer)	Ophthalmology	2	949,760	1,899,520
41	Non-Contact Tonometer with Pachymetry	Ophthalmology	1	840,000	840,000
42	Auto Refractokeratometer	Ophthalmology	1	369,600	369,600
43	Indirect Ophthalmoscope (Wireless)	Ophthalmology	2	210,560	421,120
44	Auto Lensometer	Ophthalmology	1	123,200	123,200
45	Teller Acuity Charts	Ophthalmology	1	61,600	61,600
46	Radiofrequency Ablation (Rfa) Machine	Dermatology	1	649,600	649,600
47	Vertical Autoclave	Dermatology	1	53,100	53,100
48	Pure Tone Audiometer	ENT	1	559,999.65	560,000
49	Led Head Light	ENT	1	84,000	84,000
50	Blood Bank Refrigerator	Blood bank	2	432,765	865,530
51	Platelet Agitator & Incubator (96 Bags)	Blood bank	2	234,080	468,160
52	Reagent Refrigerator (300L)	Blood bank	1	95,580	95,580
53	Table Top Centrifuge	Blood bank	2	554,600	1,109,200
54	Hot Air Oven (Small)	Blood bank	1	50,740	50,740
55	Water Bath	Blood bank	1	50,740	50,740
56	Auto Clave Portable Vertical	Blood bank	1	53,100	53,100
57	Recovery Trolley	Anaesthesia	5	36,998.99	184,995
58	Transport Monitor	Anaesthesia	2	120,807	241,614
Total					**22,298,386**

Dr.Bharati Pravin Pawar
@DrBharatippawar

आज AIIMS बीबीनगर, हैदराबाद के दुसरे वार्षिकोत्सव में हिस्सा लिया। कार्यक्रम के दौरान इनविक्टस पत्रिका का विमोचन भी किया गया जो की छात्रों के समग्र विकास की दिशा में बढ़ाया गया एक अद्भुत कदम है। मैं आशा करती हूँ की AIIMS बीबीनगर देश के सबसे बेहतरीन AIIMS के रूप में आगे आएगा

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Bandaru Dattatreya
@Dattatreya

Inaugurated Academic Block of AIIMS, Bibinagar, Telangana, today.

Healthcare has acquired resilience under visionary leadership of PM Sri @narendramodi Ji.

PMSSY, Ayushman Bharat, Ayushman Bharat Digital Mission are adding new dimension to India's health system!



ఘనంగా బీబీనగర్ ఎయిమ్స్ రెండవ వార్షికోత్సవ వేడుకలు



జ్యోతి ప్రజ్వలన చేస్తున్న కలెక్టర్ పమేలా సత్పతి తదితరులు



పాల్గొన్న అధికారులు

ఇన్‌సెట్‌లో) వర్చువల్‌లో సందేశాన్ని అందజేస్తున్న కేంద్ర మంత్రి భారతీ ప్రవీణ్ పవర్

బీబీనగర్, మార్చి 10 (ప్రభన్యూస్):
మండలకేంద్రంలోని ఎయిమ్స్ ఆసుపత్రి రెండవ వార్షికోత్సవ వేడుకలు బుధవారం ఎయిమ్స్ డైరెక్టర్ వికాస్ భాటియా అధ్వర్యంలో ఘనంగా నిర్వహించారు. ముఖ్య అతిథులుగా యాదాద్రి భువనగిరి జిల్లా కలెక్టర్ పమేలా సత్పతి, ప్రొఫెసర్ బిజె రావు పాల్గొన్నగా వర్చువల్ లో కేంద్ర ఆరోగ్యకుటుంబ సంక్షేమ శాఖ మంత్రి డాక్టర్ భారతీ ప్రవీణ్ పవర్ వైద్య అధికారులను, వైద్య విద్యార్థులను ఉద్దేశించి ప్రసంగిస్తూ ముందుగా బీబీనగర్ ఎయిమ్స్ బృందానికి రెండవ వార్షికోత్సవ శుభాకాంక్షలు తెలిపారు. ప్రధానమంత్రినరేంద్ర మోడీ నాయకత్వంలో ఎయిమ్స్ ఆసుపత్రిని బీబీనగర్ లో ఏర్పాటు చేయడం జరిగిందన్నారు. ఎయిమ్స్ ఆసుపత్రిలో జరుగుతున్న ఓపీ సేవల తోపాటు కొవిడ్ వ్యాక్సినేషన్, కొవిడ్ పరీక్షలు నిర్వహించిన వైద్యబృందాని అభినందించారు. అదేవిధంగా ఎయిమ్స్ భవనంలో వైద్య కళాశాల ఏర్పాటు చేయడం జరిగింది వైద్య కళాశాల విద్యార్థులకు పలు సూచనలు చేశారు. అనంతరం ఎయిమ్స్ డైరెక్టర్ వికాస్ భాటియా గత రెండేళ్లుగా నిర్వహించిన అభివృద్ధి పనులను వివరించారు.
కలెక్టర్ పమేలా సత్పతి మాట్లాడుతు ఎయిమ్స్ వైద్యులకు, వైద్య విద్యార్థులకు శుభాకాంక్షలు తెలియజేసి పలు సూచనలు చేశారు. ఈ కార్యక్రమంలో ఎయిమ్స్ డీన్ నీరజ్ అగర్వాల్, ప్రొఫెసర్ రాహుల్ నారన్, వైద్యులు మహేశ్వర్ రెడ్డి, డాక్టర్ శ్యామల, వైద్య అధికారులు, వైద్య విద్యార్థులు, సీబ్బంది తదితరులు పాల్గొన్నారు.

ఆంధ్రప్రభ Fri, 11 March 2022
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#indtoday: Telangana Governor @DrTamilisaiGuv Officiated the Hippocratic Oath & White Coat ceremony in conjunction with the Convocation of @AiimsBibinagar #Hyderabad, Along with ED Officiating Director & Medical Spdt, Deans, Registrar, Faculty & Students.



వైద్యసేవల పట్ల దృష్టి సారించాలి

బీబీనగర్ మార్చి 12(ప్రభన్యూస్):
వైద్య వృత్తిలో మనస్ఫూర్తిగా సంతోషంతో వైద్య సేవలు అందించాలని రాష్ట్ర గవర్నర్ శ్రీమతి తమిళిసై సౌందరరాజన్ వైద్య విద్యార్థినీ విద్యార్థులకు సూచించారు. శనివారం మండల కేంద్రంలోని బీబీనగర్ అలిండియా మెడికల్ సైన్స్ కళాశాలలో 2021-22 వైద్య విద్యార్థుల బ్యాచ్‌వైట్ కోట్ వేడుకకు రాష్ట్ర గవర్నర్ ముఖ్య అతిథిగా హాజరై జ్యోతి ప్రజ్వలన చేసి కార్యక్రమాన్ని ప్రారంభించారు.ఈ సందర్భంగా గవర్నర్ మాట్లాడుతూ, వైద్య రంగంలో వినియోగించే తెల్ల కోటు సేవా రంగానికి, స్వచ్ఛతకు, పరిశుభ్రతకు చిహ్నమని అన్నారు.మనస్ఫూర్తిగా సంతోషకరమైన వాతావరణంలో వైద్య సేవలు అందించాలని అన్నారు. ఈ సందర్భంగా తన చిన్ననాటి అనుభవాలను, తన మాతృమూర్తి వైద్య వృత్తి పట్ల గౌరవంతో తనను తెల్ల కోట్ లో డాక్టర్ గా చూడాలనే కోరికను నెరవేర్చానని అంటూ , తాను వైద్య వృత్తిలో ఎదుర్కొన్న అనుభవాలను



ఎయిమ్స్ అధికారులతో కలిసి మొక్కలు నాట్టుతున్న గవర్నర్

విద్యార్థులతో పంచుకున్నారు. గ్రామీణ ప్రాంతాలలో వైద్య సేవల పట్ల దృష్టి పెట్టాలని, పేషెంట్ల పట్ల అంతకరణ శుద్ధ వహించి సేవలు అందించాలని, కొత్తగా వైద్య రంగంలోకి వస్తున్న మీరు పేషెంట్లకు అందించే చికిత్స పట్ల వారికి అవగాహన కలిగించాలని, మీరు నేర్చుకున్న విషయాల పట్ల శ్రద్ధ వహించాలని అన్నారు. ప్రధానమంత్రి వైద్యరంగం, ముఖ్యంగా గ్రామీణ ప్రాంతాల పట్ల శ్రద్ధతో వైద్య ఎయిమ్స్ లో వైద్య అధ్యాపకులను, వసతులను పెంచడం జరిగిందని అన్నారు. ఆయుష్మాన్ భారత్ పేరుతో చేపట్టిన వైద్యసేవలు ప్రపంచంలోనే పెద్దవని, జన ఔషధ్ ద్వారా తక్కువ ధరలో మందులు లభిస్తున్నట్లు తెలిపారు. ఆయుష్మాన్ భారత్, జన్ ఔషధ్ ప్రజలు సద్వినియోగం చేసుకోవాలని అన్నారు. తెలంగాణలో మంచి వైద్య సేవలు అందుతున్నాయని, తెలంగాణకు ఎయిమ్స్ గౌరవ చిహ్నమని అన్నారు. ఎయిమ్స్ ఎగ్జిక్యూటివ్ డైరెక్టర్ వికాస్ భాటియా నేతృత్వంలో అద్భుతమైన సేవలు అందుతున్నాయని, భవిష్యత్తులో వైద్యరంగంలో ఎయిమ్స్ అగ్రగామిగా నిలుస్తుందని అన్నారు.ఎయిమ్స్ ద్వారా అందుతున్న వైద్యసేవలను సూపరింటెండెంట్ నీరజ్ అగర్వాల్ వివరించారు.కార్యక్రమం అనంతరం రాష్ట్ర గవర్నర్ ఎయిమ్స్ ఆవరణలో మొక్క నాటారు.తొలుత ఎయిమ్స్ లో జిల్లా స్థానిక సంస్థల అడిషనల్ కలెక్టర్ దీపక్ తివారీ రాష్ట్ర గవర్నర్ కు గుచ్ఛం అందించి స్వాగతం పలికారు.కార్యక్రమంలో డి.సి.పి. నారాయణ రెడ్డి, భువనగిరి ఆర్డీవో భూపాల్ రెడ్డి, ఎయిమ్స్ మెడికల్ సూపరింటెండెంట్ నీరజ్ అగర్వాల్, డీన్ రాహుల్ నారంగ్, ప్రొఫెసర్స్ సంగీతా సంపత్, నితిన్ అశోక్, వైద్య అధికారులు డాక్టర్ శ్యామల, మహేశ్వర్ రెడ్డి, బిజెపి రాష్ట్ర నాయకులు సామాజిక కార్యకర్త గూడూరు నారాయణరెడ్డి, ప్రొఫెసర్లు, అధికారులు తదితరులు పాల్గొన్నారు.

ఆంధ్రప్రభ Sun, 13 March 2022
https://epaper.prabhanews.com/c/66784103

ACCOUNTS

SEPARATE AUDIT REPORT OF THE COMPTROLLER & AUDITOR GENERAL OF INDIA ON THE ACCOUNTS OF ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BIBINAGAR FOR THE YEAR ENDED 31 MARCH 2022

We have audited the attached Balance Sheet of All India Institute of Medical Sciences (AIIMS) Bibinagar as on 31 March 2022 and the Income & Expenditure Account/Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 18 (2) of AIIMS Act 1956 & AIIMS Amendment Act 2012.These financial statements are the responsibility of the AB's management. Our responsibility is to express an opinion on these financial statements based on our audit.

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, Income & Expenditure Account and Receipts & Payments Account dealt with by this report have been drawn up in the format approved by Government of India, Ministry of Finance.

iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required under Finance Bye-Law 31 of the Institute, 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

A.1.1 Earmarked/Endowment Funds-₹ 4.16 crore

A.1.1.1 An amount of ₹5 lakh being the donation received for Gold Medal in the subject of Anatomy, was incorrectly treated as 'Other Income' which resulted in understatement of Endowment Fund and Overstatement of Surplus with consequent overstatement of Corps/Capital Fund by ₹5 lakh
A.2 Assets

A.2.1 Fixed Assets – ₹19.63 crore

A.2.1.1 Depreciation of ₹15.28 lakh was incorrectly provided in full rates (40%) on Library books worth ₹38.21 lakh purchased on 31.12.2021 instead of at half the rate (20%) amounting to ₹7.64 lakh

as per the policy of the Institute. This resulted in understatement of Fixed Assets and understatement of Surplus with consequent understatement of Corpus/Capital Fund by ₹7.64 lakh

A.2.1.2 An amount of ₹3.59 lakh 1 incurred towards purchase of various assets was incorrectly treated as revenue expenditure. This resulted in understatement of Fixed Assets and understatement of Surplus with consequent understatement of Corpus/Capital Fund by ₹3.59 lakh.

A.2.1.3 An amount of ₹2.21 lakh incurred towards purchase of Medicines (₹1,51,735) and Computer Consumables (₹69,960) was incorrectly treated as capital expenditure. This resulted in overstatement of Fixed Assets and overstatement of Surplus with consequent overstatement of Corpus/Capital Fund by ₹2.21 lakh.

B. General

B.1 Out of seven bank accounts, one bank account was shown as in-operative and the closing balance as on 31st March 2022 of two accounts (Bank of Baroda A/c No. 66120100000480: ₹1,97,10,000 and Bank of Baroda A/c No. 66120100000022: ₹1,39,120) were not accounted for under Receipts and Payments Account and Current Assets (Schedule 11). This needs to be reviewed. 1Aluminum Partitions-₹1,09,594; Hammer machine-₹8,000; Weighing Machine-₹ 8,500; and Mannequins ₹2,33,337

B.2 An amount of ₹52,33,049 was received from various organizations for conduct of research and other activities as detailed below (as per ledger account of BoB 004 Book). The Receipts and Payments against these activities were not included in the Annual Accounts. This needs to be reviewed.

B.3 Closing Balances of Savings/Current accounts as on 31 March 2022 amounting to ₹62.05 crore pertained to Un-utilised/ Un-surrendered Grants-in-aid (the internal income of the Institute was very meagre). The reasons for drawl / retainment of ₹62.05 crore in Savings/Current accounts without investment /surrender was not disclosed.

B.4 There was substantial increase in expenditure against salaries and wages reportedly due to increase in the number of employees as compared to the previous year (160 members as detailed below). The component of increase in salary expenditure was disproportionate to the increase of staff based on analysis of information horizontally. It was observed from the staff details that maximum increase (111 members) of staff was under the post 'Nursing Officer' whose pay band is 9300-34800 and the gross salary per month is ₹ 72500 working out to increase of ₹9.66 crore. In this scenario, incurring such huge amounts under the schedule Salary and the details for such increase was not explained in the Notes on Account, resulted in lack of clarity to the stake holder of these accounts.

B.5 Thermo scientific bio cabinets worth ₹ 45,99,995 and Scientific refrigerators worth ₹12,69,999 were classified as IT equipment instead of Laboratory equipment and Medical equipment respectively. This misclassification needs to be rectified. Date Organization Amount (₹) 03.08.21 UNICEF 8,70,865 04.10.21 SSFP Fund 16,05,461 09.11.21 AYUSH 10,79,190 02.03.22 UNICEF (RSU Proj) 1,50,667 16.03.22 Other funds 1,80,000 25.03.22 Other funds 3,50,000 31.03.22 ICMR 6,03,094 Other Receipts 3,65,371 Interest received 28,401 TOTAL 52,33,049 Name of the Posts PIP as on 31.3.2021 PIP as on 31.3.2022 Increase in staff Project Cell Posts 2 4 2 Faculty 112 159 47 Nursing staff 10 121 111 Total 124 284 160 Salaries & Wages in ₹ 10,18,61,777 47,39,13,815 37,20,52,038

C. Grants-in-aid: Out of grants-in-aid of ₹ 115.742 crore received during the year, AIIMS, Bibinagar, utilised a sum of ₹ 82.483 crore leaving a balance of ₹ 33.26 crore unutilised as on 31 March 2022.

D. Management Letter Deficiencies that have not been included in the Separate Audit Report have been brought to the notice of the Director, All India Institute of Medical Sciences, Bibinagar, through a Management letter issued separately for remedial/corrective action.

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

vi. 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 subject to the significant matters stated above and other matters mentioned in the 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, Bibinagar for the year ended 31 March, 2022 and

b. In so far as it relates to Income & Expenditure Account of the Surplus for the year ended on that date. Sd/- Director General of Audit (Central) 2 General-₹18.30 crore, Salaries-₹46.20 crore, Capital receipts-₹46.00 crore SAP- ₹3.9 crore and COVID-19 –₹1.34 crore 3 Revenue Expenditure -₹66.36 crore(Sch.20 & Sch.21) and Capital Expenditure -₹16.12 crore (Schedule 8) totaling to ₹82.48 crore

Sd/-

Director General of Audit (Central)

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[2] General-₹18.30 crore, Salaries-₹46.20 crore, Capital receipts-₹46.00 crore SAP- ₹3.9 crore and COVID-19 –₹1.34 crore

[3] Revenue Expenditure -₹66.36 crore(Sch.20 & Sch.21) and Capital Expenditure -₹16.12 crore (Schedule 8) totaling to ₹82.48 crore

ANNEXURE

1. Adequacy of Internal Audit System: There is no Internal Audit System in the Institute.

2. Adequacy of Internal Control System: Internal control system is not adequate due to the following reasons:

(i) There is no Internal Audit System.

(ii) There is no Accounting Manual.

(iii)Accounts are not coded.

3. System of Physical verification of fixed assets: Physical verification of Fixed assets has been conducted for the year 2021-22.

4. System of Physical verification of inventory: Physical verification of inventory has been conducted for the year 2021-22.

5. Regularity in payment of statutory dues: The Institute is regular in depositing all the statutory dues. Sd/- Director / Central Expenditure Audit

Sd/-

Director / Central Expenditure Audit





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