

BROCHURE 2023



# National Institute of Pharmaceutical Education and Research Guwahati

Dept. of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt. of India



NIPER

GUWAHATI



# About NIPER GUWAHATI

NIPER Guwahati is established in the month of September 2008 under the Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India. The institute has been declared as “Institute of National Importance” by the Government of India and is impacting the Pharmaceutical and Healthcare sector by providing high quality education and research. It is also a place where knowledge in science and education stimulates technological innovation to inspire student community to pursue scientific or industrial careers.

## Director's Message

NIPER Guwahati is the first national institute in pharmaceutical sciences in the North Eastern Region of India with emphasis on exploitation of natural and synthetic products of this region for drug discovery and development. I am happy to share that, NIPER Guwahati recently moved to permanent campus located at Changsari, Assam. It is the only NIPER with six centers of excellence that can fulfill the drug discovery and development cycle. The faculty and students have received various awards from prestigious organizations at national and International level. We have successfully transferred 3D based face shields technology for commercial production as a societal responsibility to fight against the pandemic situation. Our students are successfully placed in various MNCs in Health care sector. NIPER Guwahati provides encouragement to faculty to pursue sponsored research of high relevance to pharmaceutical industry and offers industrial consultancy services to further strengthen the collaboration with pharmaceutical industries.



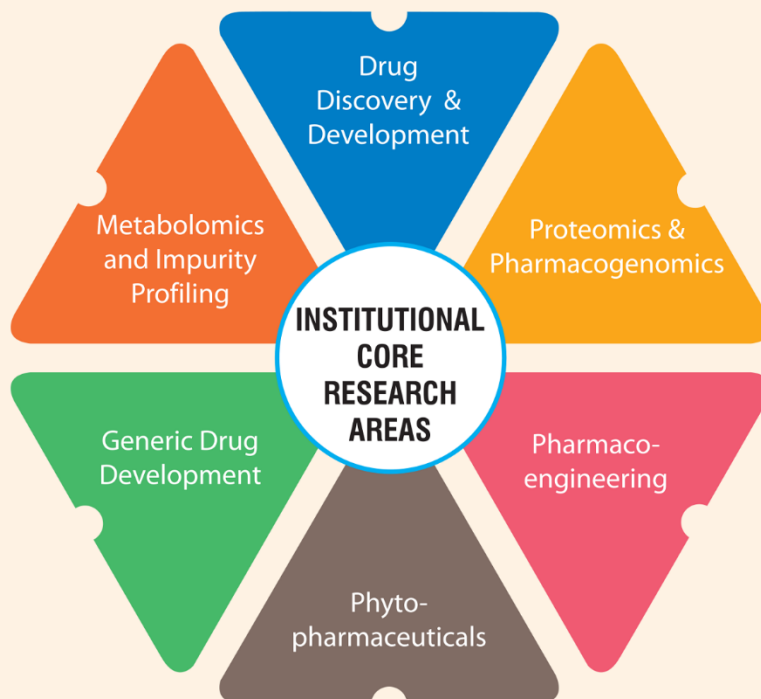
**Dr USN Murty**  
Director

## VISION

To be an institution of excellence in promoting high standard pharmaceutical education & research through the dissemination of knowledge for the ultimate benefit of the society and pharmaceutical industries.

## MISSION

1. Toning up the level of pharmaceutical education and research by training the future teachers, research scientists and managers for the pharmaceutical industry.
2. To explore the indigenous medicinal plants of NE India for the development of phytopharmaceuticals to treat dreadful diseases.
3. To carry out world class innovative research in Pharmaceutical Sciences.
4. To cater the needs of pharmaceutical industry and other research.
5. Study of sociological aspects of drug use and rural pharmacy.
6. To be one of the principal sources of professional manpower in the field of pharmaceutical sciences.



## Academic & Scientific Achievements

NIPER Guwahati secured **12<sup>th</sup>** rank in NIRF 2023 under Pharmacy category

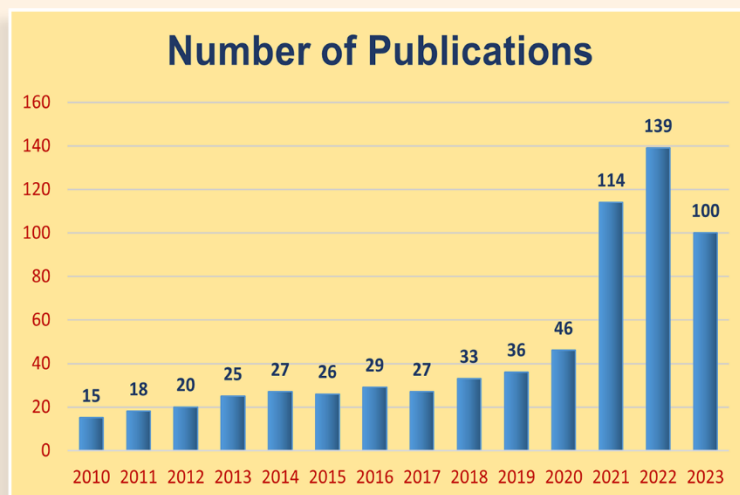
Research Publications: **453**

Total Citations: **5011** & H-index: **48**

Patents : **11** (Granted), **14** (Filed)

Copyrights: **02**

No. of MoUs entered: **53**



*The above data is as per the Scopus database only*

## COURSES OFFERED

| Courses     | MS (Pharm)  | M (Pharm)   | M Tech  | PhD   | Integrated PhD  |
|-------------|---|---|---|---|---|
| Disciplines | <ul style="list-style-type: none"> <li>Pharmacology &amp; Toxicology</li> <li>Biotechnology</li> <li>Pharmaceutics</li> <li>Pharmaceutical Analysis</li> <li>Medicinal Chemistry</li> </ul> | <ul style="list-style-type: none"> <li>Pharmacy Practice</li> <li>Pharmaceutical Technology (Formulations)</li> </ul> | <ul style="list-style-type: none"> <li>Medical Devices</li> <li>Biopharmaceuticals</li> </ul> | <ul style="list-style-type: none"> <li>Pharmacology &amp; Toxicology</li> <li>Biotechnology</li> <li>Pharmacy Practice</li> <li>Pharmaceutics</li> <li>Pharmaceutical Analysis</li> <li>Medicinal Chemistry</li> <li>Pharmaceutical Technology (Formulations)</li> <li>Medical Devices</li> </ul> | <ul style="list-style-type: none"> <li>Pharmacology &amp; Toxicology</li> <li>Biotechnology</li> <li>Pharmacy Practice</li> <li>Pharmaceutics</li> <li>Pharmaceutical Analysis</li> <li>Medicinal Chemistry</li> <li>Pharmaceutical Technology (Formulations)</li> <li>Medical Devices</li> </ul> |

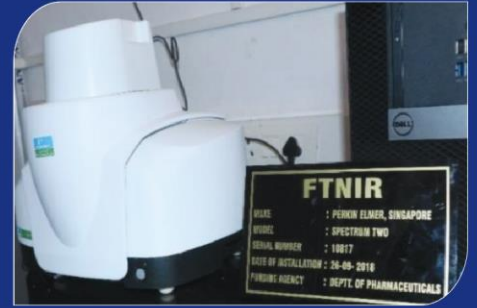
# SOPHISTICATED INSTRUMENTAL FACILITIES AVAILABLE



Hot Melt Extruder



DSC & TGA



FT-NIR Spectroscopy



Malvern Zeta Sizer



Fluidized Spray Processor



Nanospray Dryer



Liquid Chromatography  
Mass Spectrometer (LCMS/MS)



UPLC and Semi-preparative HPLC



GC-MS/FID/AS/HS



HPLC



Confocal Microscope



Flow Cytometer



Animal Imaging System



3D printers

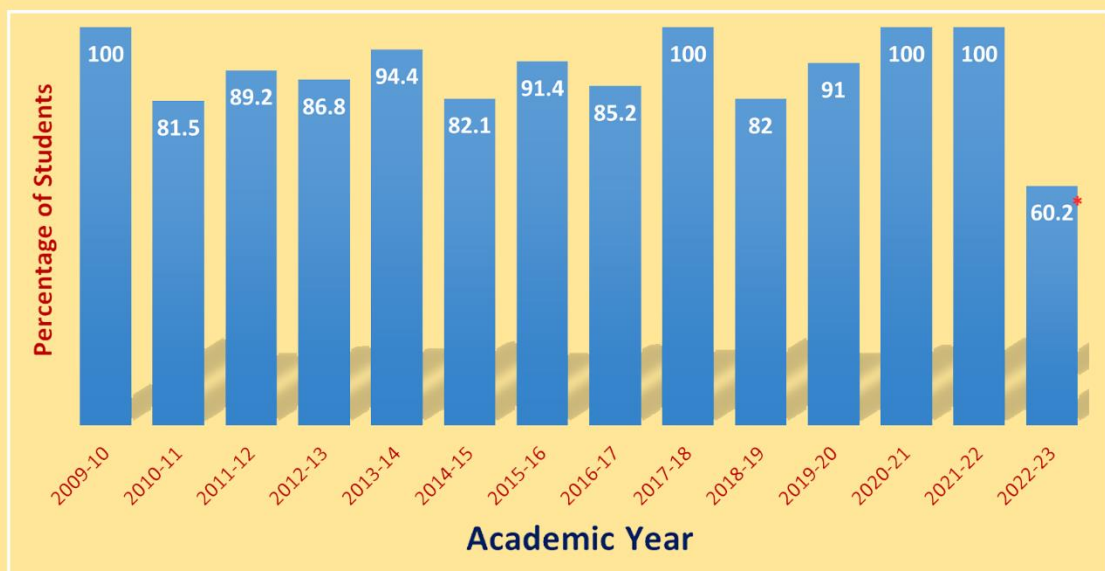


Medical & Health Care Research Institute of the Year (2019) award from 3D Printing World Awards, Trinity Media, Mumbai



Third prize in Controlled Release Society International Symposium (2020), Mumbai

## PLACEMENT STATISTICS



\*Remaining students are waiting for higher education opportunities

## OUR RECRUITERS



## INFRASTRUCTURE

- ▶ Permanent campus in a peaceful and pollution free environment
- ▶ Separate Hostel for Boys and Girls
- ▶ Wi-Fi enabled campus and hostels
- ▶ Digital Classrooms
- ▶ Computer center and Library



## NATIONAL CENTRES APPROVED BY GOVT. OF INDIA

**National Centre for Pharmacoengineering**  
*(State-Of-The-Art Facility) Funded by*  
Drugs & Pharmaceuticals Research Programme  
(DPRP), Technology Development Transfer  
Board, Dept. of Science & Technology (DST),  
Govt. of India

**Atal Incubation Centre (AIC)**

*Funded by*  
Atal Innovation Mission (AIM), NITI Ayog  
Govt. of India

**Centre of Excellence for Tribal Health Care**

*Funded by*  
Ministry of Tribal Affairs  
Govt. of India

**GLP-Accredited Animal Breeding and  
Husbandry Facility**

*Funded by*  
Ministry of DoNER, Govt. of India

**Value Addition Centre for Herbal Industry  
in the Northeastern States of India  
under TIES Scheme**

*Funded by*  
Dept. of Commerce  
Ministry of Commerce & Industry, Govt. of India

**GMP-Accredited Pilot Scale  
Extraction Facility**

*Funded by*  
Dept. of Biotechnology (DBT), Govt. of India

**North-Eastern Societal Aspect for  
Translational (NEST) Phytopharmaceutical/  
Herbal Research Incubation Centre under  
Bio-NEST Scheme**

*Funded by*  
BIRAC, Dept. of Biotechnology (DBT), Govt. of India

**Adverse Drug Reaction Monitoring Centre**

*Funded by*  
Ministry of Health and Family Welfare (MoHFW)  
Govt. of India

**Advanced Centre for Drug Design**

*Funded by*  
Ministry of Electronics and Information  
Technology (MeitY), Govt. of India

**National Institute of Pharmaceutical Education & Research (NIPER) Guwahati**

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