



Department of Pharmaceuticals
Ministry of Chemicals and Fertilizers
Government of India

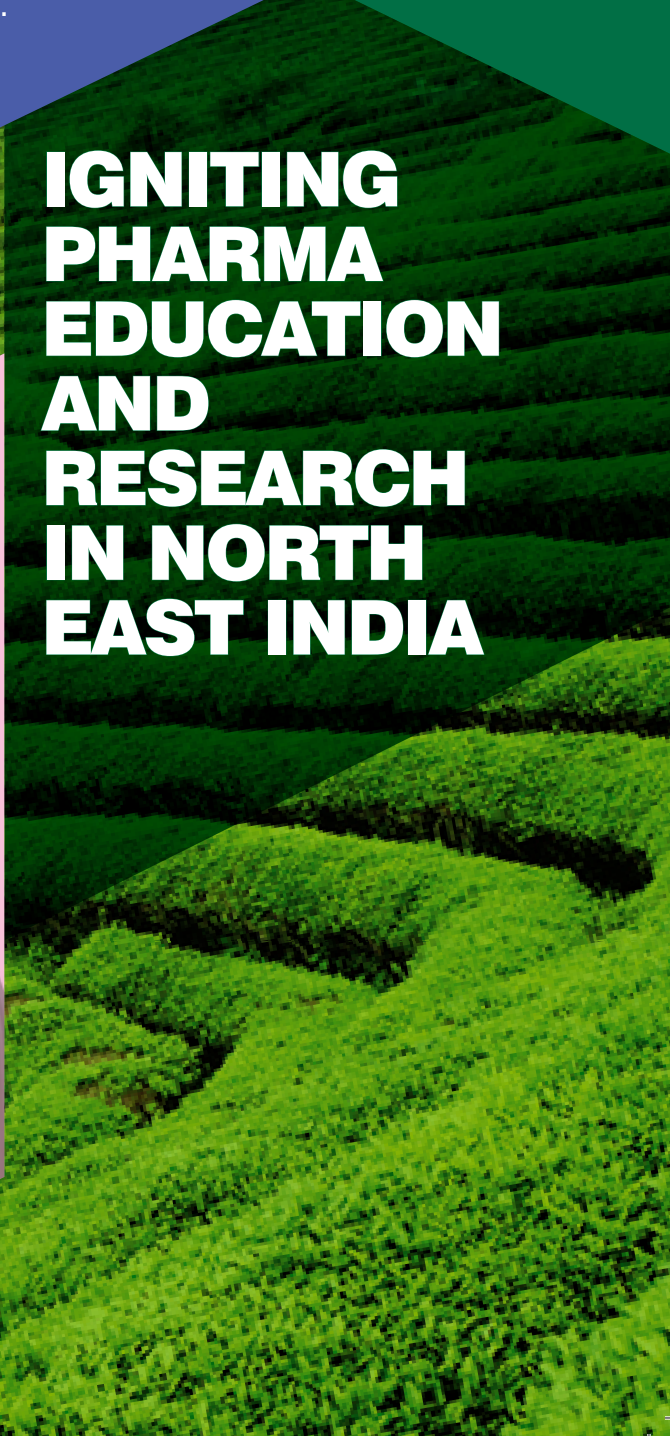


NIPER GUWAHATI

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

(Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India)
Mirza-781125, Assam, India.

**IGNITING
PHARMA
EDUCATION
AND
RESEARCH
IN NORTH
EAST INDIA**



DIRECTOR'S MESSAGE



NIPER-Guwahati is the only National Institute in Pharmaceutical Sciences in the entire North Eastern Region of India. It was established in the year of 2008 to provide high quality pharmaceutical education and research with focus on exploitation of natural and synthetic products of this region for drug discovery and development. Currently, NIPER-Guwahati offers post graduate programmes in Pharmacology and Toxicology, Pharmacy Practice, Biotechnology, Pharmaceutics and Pharmaceutical Analysis. This institute is offering doctoral programmes in Pharmacology and Toxicology, Pharmacy Practice and Biotechnology. NIPER-Guwahati encourage faculty to pursue sponsored research projects of high relevance to pharmaceutical industry and offers industrial consultancy services.

Dr USN Murty
Director



ABOUT NIPER-GUWAHATI

NIPER-Guwahati is one of the premier institutes under the Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India. NIPER-Guwahati started functioning from the month of September, 2008. This institute is “Institute of National Importance” in the North Eastern Region of India for providing high quality education and research in Pharmaceutical Sciences. It is also a place where knowledge in science and education stimulates technological innovation to inspire student community to pursue scientific and industrial careers.

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

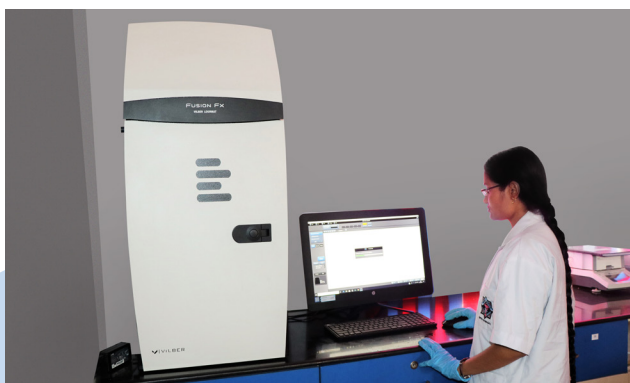
- Toning up the level of pharmaceutical education and research by training the future teachers, research scientists and managers for the pharmaceutical industry.
- To carry out world class innovative research in Pharmaceutical Sciences.
- To cater the needs of pharmaceutical industry and other research.
- Study of sociological aspects of drug use and rural pharmacy.
- To be one of the principal sources of professional manpower in the field of pharmaceutical sciences.

COURSES OFFERED

COURSES	DISCIPLINES
M.S. (Pharm)	<ul style="list-style-type: none">• Pharmacology & Toxicology• Biotechnology• Pharmaceutics• Pharmaceutical Analysis
M. Pharm	<ul style="list-style-type: none">• Pharmacy Practice
Ph.D	<ul style="list-style-type: none">• Pharmacology & Toxicology• Biotechnology• Pharmacy Practice

CORE RESEARCH AREAS

- Development of Biopharmaceuticals using Synthetic Biology approaches
- Genomics and Proteomics studies in various life threatening diseases
- Development of synthetic riboswitches to suppress gene expression in case of various life-threatening diseases
- Cancer targeted drug delivery systems
- Animal cell culture and its application for cell based drug assays
- Targeting RANKL for the treatment of inflammation and cancer induced bone disorders
- Drug Discovery from natural resources of North East region for various diseases like Cancer, Diabetes, Neurological disorders, Malaria etc.
- Pharmacodynamic and Pharmacokinetic evaluation of novel drugs and formulations using various preclinical animal models
- Adverse Drug Reaction (ADR) monitoring, Pharmacovigilance studies
- Tissue engineering and regenerative medicine
- Analytical & Bio-analytical method validation using HPLC, UPLC, and LC-MS/MS



ANIMAL HOUSE FACILITY

The animal house facility at NIPER-Guwahati comprises small animals like mice, rat and rabbits for both ex vivo and in vivo animal experimentation studies.



LABORATORIES FACILITIES

The laboratories of NIPER-Guwahati are well equipped with different upgraded instruments like Fluorescent inverted microscope, Multimode plate reader, Analytical HPLC with PDA Detector, Confocal Microscope, Flowcytometer, Nano Spray Dryer, Zeta Sizer, LCMS-MS, Small Animal Imaging System, FT-NIR, DSC, UPLC, Ultracentrifuge, Haematology analyzer, Semi-auto Analyzer, Cryotome, Mammalian Cell culture facilities etc. NIPER-Guwahati made MoU with Guwahati Biotech Park (GBP), all our students having access to utilize core facilities of GBP.





All Niper's Director Meet



Visit of Secretary, DoP at NIPER Guwahati



Bhutan PM Interacting with Niper-Guwahati Students



Advantage Assam Summit



Ph.D Scholar receiving the Certificate from Shri Vinod Seshan, IAS, DC, Guwahati, Assam



Flow Cytometry Workshop



Blood Donation Camp by Sahay



Cultural Activities

HOSTEL

The boys and girls of NIPER-Guwahati students have the separate hostel facility within the Institute. The hostels are well built, round the clock security services, Power backup, Internet, transport, medical, mess facility etc. Recreational facilities like Shuttle court, Cricket ground, Table Tennis, Football, Volley ball court are available.



PROPOSED CAMPUS

The construction of new campus has been initiated by the authorized construction company. Area development works and initial mobilization works for Phase-1 construction work is over. The construction of girl's hostel, boy's hostel, type III quarters, academic blocks, recreation center etc. are in progress.



CONVOCATION

NIPER-Guwahati organized its 2nd Convocation on 28th March 2017.



RESEARCH COLLABORATIONS

NIPER-Guwahati in its endeavor to become a center of excellence, intend to collaborate with various academic and research institutes of the country. NIPER-Guwahati signed MoU with a number of research and academic Institutes of repute as well as industries.



Exchanging MoU with NATCO at Visitor's Conference



Mou With Dibrugarh University



Exchanging MoU with IICT-Hyderabad



Exchanging MoU with ICT-Mumbai



MoU with IIT Guwahati



NIPER-Guwahati entered MoU with Guwahati Biotech Park, IIT-Guwahati

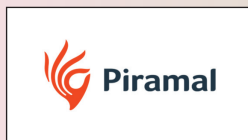
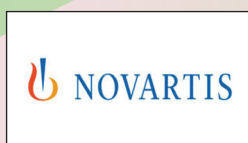


Exchanging MoU with GNRC-Guwahati



MoU with Dr. B Borooh Cancer Institute

OUR RECRUITERS



Guwahati

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