

NIPER Joint Entrance Examination 2020 - Ph.D.

(Ahmedabad; Guwahati; Hajipur; Hyderabad; Kolkata; Raebareli; S.A.S.Nagar)

Information Brochure

Organizing Institute



अहमदाबाद
AHMEDABAD

**National Institute of Pharmaceutical Education and Research - Ahmedabad
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1. IMPORTANT DATES FOR ADMISSION			
➤	Date of commencement of online Registration	01 st April, 2020	Wednesday
➤	Last date for online Registration	25 th June 2020	Thursday
➤	Online Delivery of Admit Card to respective e-mails/Downloads	14 th September 2020	Monday
➤	Online NIPER Joint Entrance Examination (Computer Based Test)	28th September 2020	Monday
➤	Declaration of result (Website-www.niperahm.ac.in)	30 th September 2020 (5 pm)	Wednesday
➤	Online Delivery of Call Letter for Interview and Admission	2 nd October 2020	Friday
➤	Interview for PhD at NIPER Ahmedabad	10 th - 11 th October 2020	Saturday-Sunday
➤	Declaration of result at NIPER Ahmedabad website for PhD	12 th October 2020 (1 pm)	Monday
➤	PhD Joint counselling	12 th October 2020 (1.30 pm)	Monday
➤	Orientation and commencement of classes	19 th October 2020	Monday

Important Points

1. Candidates should carefully read and understand the contents of information brochure before applying for admission.
2. The information brochure is subject to alteration(s) and modification(s) without prior notice and the information in this regard will only be displayed on NIPER Ahmedabad website.
3. This information brochure is for information only and does not constitute a legal document.
4. Candidates must present themselves in person for counselling/ Group Discussion and interview on scheduled date and time.
5. Admission fee in full must be deposited at the time of counselling.
6. In case of any dispute arising because of any typographical mistake or otherwise the decision of Director, NIPER Ahmedabad will be final and binding on the candidates.
7. **Candidates are advised to check NIPER Ahmedabad website www.niperahm.ac.in for updates.**

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2.Institutes

The National Institute of Pharmaceutical Education and Research (NIPER) at S.A.S Nagar (Mohali) created as a Centre of Excellence for imparting higher education, research and development in pharmaceutical sciences and management is the first Institute of its kind in the country. The Institute was declared as an Institute of National Importance by Government of India through an Act of Parliament, notified on 26th June 1998. The Institute is a member of the Association of Indian Universities. During the years 2007 and 2008, Government of India established six more NIPERs. Presently, there are following NIPERs functioning at different parts of the country:

- **NIPER-Ahmedabad**
- **NIPER-Guwahati**
- **NIPER-Hajipur**
- **NIPER-Hyderabad**
- **NIPER-Kolkata**
- **NIPER-Raebareli**
- **NIPER S.A.S Nagar**

NIPER Act empowers the Institute vide following Sections:

Section 7(ii) *“to concentrate on courses leading to master’s degree, doctoral and post doctoral courses and research in pharmaceutical education”.*

Section 7 (iii) *“to hold examinations and grant degrees”.*

Section 32 *“Notwithstanding anything contained in the University Grants Commission Act, 1956 or in any other Law for the time being in force, the Institute shall have power to grant degrees and other academic distinctions and titles under this Act ”.*

Institute is awarding degrees like Ph.D.; M.Pharm.; M.Tech. (Pharm.); M.S.(Pharm.) and M.B.A. (Pharm.) as mandated to it by Section 7 (ii), (iii) and Section 32 of the NIPER Act 1998.

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NIPER-Ahmedabad

NIPER-Ahmedabad is functioning independently at its own campus in Gandhinagar with a state of art research laboratory facility including an animal house and a canteen. Presently, there are eight streams viz. Biotechnology, Natural Products, Pharmaceutics, Pharmaceutical Analysis, Medicinal Chemistry, Pharmacology & Toxicology, Pharmaceutical Management and Medical Devices with a mandate to be the Centre for Medical Devices in coming years. The course curriculum of NIPER is designed to support well trained human resource to the pharmaceutical industry. The vision of NIPER-Ahmedabad is to train individuals showing competency in pharmaceutical sector and to meet the needs of the ever-growing healthcare sector. **In the recently released National Institutional Ranking Framework (NIRF), MHRD 2019: NIPER-A has secured 1st Rank in TLR and overall, 9th rank amongst the best Pharma Institutes in India.**

Our mission is to provide rigorous, world-class, inter-disciplinary training in pharmaceutical and biomedical sciences that will equip students with the ability to conduct cutting-edge research of international standard. We believe in contributing to the creation and transmission of knowledge in all areas of pharmaceutical and biomedical sciences with emphasis on issues faced by industries and organizations in India.

To conduct research, one needs to have well-equipped laboratories. We, at NIPER-Ahmedabad have state-of-art instrument facility for our students and faculty from international institutes to support their academic and research requirement, promote the growth of institute. Doctoral programme at NIPER-Ahmedabad is an enormous step in promoting R& D and skill building. Our student's participation in various national and international conferences at various institutes and universities give an excellent opportunity to show their talents. Many students of NIPER- A have been honoured and awarded during various national and international platforms including selection by DST to join the 67th Lindau Nobel Laureate meeting at Germany, Raman Charpak Fellowship and Newton Bhabha Fellowship etc. Faculties of NIPER-A have also received competitive research grants from various extra mural funding agencies such as DST, DBT, Industry for funded research projects. NIPER A is also pursuing scientific research projects with Harvard Medical School, USA, Miller School of Medicine, USA, INSERM France , Rutgers New Jersey, USA et

The institute is offering the following courses for the academic session 2020-2021 –

S.No	Disciplines	No of Seats*
1	Biotechnology	3
2	Medicinal Chemistry	2
3	Medical Devices	3
4	Natural Products	--
5	Pharmaceutical Analysis	3
6	Pharmacology & Toxicology	2
7	Pharmaceutics	2

Note: *Seats may subject to change

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NIPER-Ahmedabad is fortunate to be in the city of Ahmedabad, which is known as Pharmaceutical hub of the country. NIPER-A has established symbiotic association with national and international Pharmaceutical Industries to train our young minds. NIPER-Ahmedabad believes that the industry linkages are wide-reaching and can help to exploit synergies and complementarities of scientific and technological capabilities. NIPER-Ahmedabad is collaborating in R&D sector with some of the prestigious national industries like Zydus, Cadila, Sahajanand Biotech, Johnson and Johnson, Natreon Inc, USA etc and has established linkages with them in the form of faculty visit and joint research projects. Our team consistently work to strengthen its position as reliable and active partner for training and higher education. NIPER-Ahmedabad has very efficient placement cell and provides students with an excellent platform to use industrial linkages of NIPER-Ahmedabad. More than 90% students were placed in different capacities through campus interview and remaining 10% students opt for higher research studies.

NIPER Ahmedabad has state of art research facility including full fledged with separate Animal House facility NIPER-Ahmedabad also provides separate hostel facility for girls and boys. The hostels are well secured and provided with all basic amenities along with internet facility. Being an institute of National Importance and national integrity our students celebrate all festivals of the year with enthusiasm. Students also organize various events like sports day, annual day function that help them to bring their hidden talents and improve their confidence. We also provide various recreational facilities including both indoor and outdoor games, to make students stay healthy and enjoyable at hostels.

NIPER-Ahmedabad strongly believes that international collaboration has become an essential element in globalization strategy. To foster such endeavour, we are constantly engaged in the activities to connect ourselves to the reputed universities worldwide and providing faculty and students with ample opportunities to grow as global professionals. NIPER-Ahmedabad has established research collaborations with world's best educational institutes like, Harvard Medical School, USA, The Johns Hopkins Medical School, USA, Miller School of Medicine, USA, University of Washington, USA, INSERM France, Rutgers New Jersey, USA and University of Galway, Ireland. NIPER-Ahmedabad believes that this will provide a world class exposure to its students and will embrace them with cutting edge research that will make them an efficient skilled manpower for the international market.

NIPER-Ahmedabad lays its commitment in building human resource for promoting research and development in the country and contribute towards "**Make in India**" initiative as a part of its national responsibility.

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NIPER-Guwahati

NIPER-Guwahati is the fifth Institute be included in the list 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 under the mentorship of Gauhati Medical College and Hospital. NIPER Guwahati, currently located in its own permanent campus at Changsari, District-Kamrup, North Guwahati, Assam with five important departments viz, Pharmacology and Toxicology, Biotechnology, Pharmacy Practice, Pharmaceutics, and Pharmaceutical Analysis.

The institute is offering the following courses for the academic session 2020-21

S.No	Disciplines	No. of seats*
1	Pharmacology & Toxicology	02
2	Biotechnology	01
3	Pharmaceutics	02
4	Pharmaceutical Analysis	02
5	Pharmacy Practice	01

Note : Seats may subject to change

The establishment of NIPER-Guwahati has given a strong boost to the promotion of Pharmaceutical Education & Research in the North East region of India for the first time. The students of this Institute are getting educated and trained in the field of Pharmaceutical Science that enhances the quality manpower in the country. Research efforts of NIPER Guwahati have revived the studies on the medicinal value of local herbs of the North East Region against various diseases. NIPER-G this year is going to establish two important National Centres namely, "GMP accredited Pilot Scale Extraction facilities for development of Herbal or Phytopharmaceutical products from the Medicinal Plants of NE India" funded by Dept. of Biotechnology, Govt. of India and "Quality Assessment & Value Addition Centre for herbal industry in the North Eastern States of India" funded by Ministry of Commerce, Govt. of India which will hugely benefit the efforts of harnessing the rich biodiversity of North-East region of India. In the last three academic years, i.e. from 2017-20, NIPER Guwahati had several significant achievements and the highlights are as follows: (a) Induction of young and dynamic faculty, (b) Established state of the art laboratory facilities with latest advanced instruments worth of Rs. More than 20 crores, (c) Published more than 200 publications, (d) Filed 6 patents & 2 copyrights, (e) Guidance of M.S projects by National and International faculty, (f) International Travel Awards received by our Ph.D. Scholars, g) Fetching more than 20 in numbers of Government-sponsored Extramural Projects from DBT, DST, SERB, BIRAC, NMHS, ICMR etc. worth of more than Rs 15 crores. Three National Centres namely *National Centre for Pharmacoengineering* (sponsored by DST, Govt. of India.), *BIRAC-BioNEST Incubation Centre* (supported by BIRAC-DBT, Govt. of India) & *Centre of Excellence in Tribal Health* (sponsored by Ministry of Tribal Affairs, Govt. of India) have been awarded. This is the first NIPER to receive such facility (i) more than 80% of the students are placed in various key Pharma Industries and other Academic Institutions (j) Organized 7

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Conference, 21 Seminars, multiple Outreach Programs including Skill Development Program, and Science Societal responsibility Workshops (k) 33 lectures by National & International Speakers (l) Entered 19 MoUs with Institutes & Academia.

NIPER-Guwahati provides separate hostel facilities for girls and boys. The hostels are well secured and provided with all basic amenities along with internet facility. Being an institute of National Importance and National integrity, we encourage our students to celebrate all festivals, annual day functions, fresher's day functions, etc., NIPER Guwahati also encourages students to participate Inter-NIPER sports and other extracurricular activities to build confidence among them. NIPER Guwahati is the first Institute to have its own permanent campus at Changsari, which is near to AIIMS-Guwahati and IIT Guwahati campus, amongst all NIPERs except NIPER-SAS Nagar. Newly admitted students will get an unique opportunity to initiate their education/research career at new campus with excellent hostel facilities & amenities, library facility, computer, facility, central animal house facility, cell-culture facility, small-scale/pilot-scale industrial workshop facility, incubation facility, modernized digital classroom facility, etc., in a green, clean & plastic-free campus. NIPER-Guwahati is striving relentlessly to become an institution of excellence & eminence in promoting global standard Pharmaceutical Education & Research through the dissemination of knowledge for the ultimate benefit of the society and pharmaceutical industries.

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NIPER-Hajipur

NIPER Hajipur has been running since November 2007 under the aegis of Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India under NIPER Act 1998 with an aim to become a centre of excellence in Pharmaceutical education and research. It is located at Industrial Area, Hajipur – 844102, District – Vaishali (Bihar) on the land of Lord Buddha. The Institute has three departments- Pharmacology & Toxicology, Biotechnology and Pharmacy Practice. It offers PhD in all the three disciplines. It offers MS (Pharm) in Biotechnology and Pharmacology & Toxicology. The M. Pharm degree is offered by Pharmacy Practice Department.

Students: The students joining Hajipur represent almost every state of India and come from diverse sections of society. By June, 2019, 346 students have been awarded their Master degrees. Most of them have been placed in pharma industries, while some are pursuing higher studies in various universities/ institutions across the globe. Among the passed out students, as per data available on records, most students are involved in researches in various Central Govt. Institutions like IISc Bangalore, NII-Delhi, NISER, Bose Institute, IICB, NIPERs, UGC, PGIMER, IIT Madras, IICT etc., and abroad like Finland, Mexico, USA and others are working in National Industries like Dr. Reddy Labs, Lupin Lab., Cognizant, Ranbaxy, D E Shaw etc. Ph. D. courses have been introduced in the Institute in the year 2011. So far 10 scholars have completed their Ph.D. successfully from NIPER-Hajipur and 17 more students are about to finish it soon.

Faculties and Research: Faculty members of the Institute are mainly engaged with teaching and research works. NIPER Hajipur is carrying out research in the areas encompassing drug development against Leishmaniasis (kalazaar), HIV, nanoparticle based drug delivery and diagnostics, pharmacovigilance, drug utilization research, development of non-invasive tool for early detection of breast cancer, Comparative effectiveness of drugs in Diabetes, cancer etc. NIPER Hajipur has active collaboration with other national institutes like RMRIMS-Patna, IIT-Delhi, IIT-Patna, Bose Institute, NIT-Patna Mahavir Cancer Sansthan-Patna, IGIMS-Patna, NIPER-Kolkata etc. NIPER Hajipur has published 36 research papers in high impact, peer reviewed journals of international repute (Plos One, International Journal of Nanomedicine, Natural Product Communications, ACS Applied materials and Interfaces, International Journal of Biological Macromolecules etc.) in last two years. NIPER –Hajipur wants to build a state of art central Instrumental facility to carry out high quality research empowering development of highly skilled manpower for pharmaceutical Industries in future.

The institute is offering the following courses for the academic session 2020-21

S.No	Disciplines	*No of Seats
1	Biotechnology	2
2	Pharmacy Practice	2
3	Pharmacology & Toxicology	2

Note : *Seats may subject to change

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NIPER-Hyderabad

NIPER, Hyderabad in Telangana State is an institute of National importance with a vision to serve as a leading global institution in the field of higher learning and research in Pharmaceutical Sciences and Management and to be one of the principal sources of professional manpower in the field, for strengthening the Indian Pharma industry in obtaining quality products at affordable prices. Telangana State has nearly 200 Bulk Drug and Intermediate manufacturers and 400 Formulation units, most of which are clustered around Hyderabad, spread in a radius of 60 km and includes manufacturing units/business enterprises spread all over Hyderabad, Rangareddy, Medak and Nalgonda districts. About 35% of US-FDA approved facilities in India are in Telangana. The pharmaceutical industry in Telangana is providing employment directly to 1,00,000 people and indirectly to 5,00,000 people across the country. NIPER, Hyderabad has secured 6th rank under Pharmacy Category and 2nd rank under Teaching learning & resourcing under Pharmacy Category in NIRF India rankings 2019 by MHRD, Government of India.

The institute is offering the following courses for the academic session 2020-21

S.No	Disciplines	*No of Seats
1	Medicinal Chemistry	7
2	Pharmaceutical Analysis	3
3	Pharmacology and Toxicology	5
4	Pharmaceutics	9
5	Pharmaceutical Management	1

Note : *Seats may subject to change;

A total number of 932 postgraduates and 41 PhD students have passed out from the portals of this institute. The institute is well equipped with *State-of-the-Art* facilities for carrying out advanced research in the areas of pharmaceutical importance. Our Central Instrumentation Laboratory (CIL) is well equipped with sophisticated instruments like ¹H NMR, LC-MS, HPLC, Preparative HPLC, UPLC, FT-IR, FE-SEM, Spray dryer, Ultracentrifuge, Particle size and Zeta analyzer, Hot Stage Microscope, DSC, Rheometer, and Confocal Laser Scanning Microscope (CLSM). In addition, a well established Animal Cell Culture Laboratory (ACCL) is also available in NIPER, Hyderabad for carrying out advanced research in the field of cancer nanobiology, novel drug screening, and vaccine characterization. Moreover, Central Library facility, Computer Laboratory, Central Animal House, Pharma Innovation and Incubation Centre are also available at NIPER, Hyderabad premises. NIPER, Hyderabad has published more than 584 publications in peer reviewed international/national journals and filed 12 patents in the core research area of drug discovery, Computer Aided Drug Designing, novel process development for bulk drugs, nanotechnologies in drug delivery, drug metabolism and pharmacokinetic studies etc.

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“Many of our faculty members have considerable experience and expertise in carrying out translational projects from concept to commercial products”

Institute has also received 32 research projects from several government funding agencies like DST, DBT, Ayush, ICMR in addition to international funding from University of Manchester-UKIERI, Hebrew University of Jerusalem-Israel, etc to carry out research in different areas of Pharmaceutical sciences.

NIPER Faculties have received several prestigious awards such as Angelika Bierhaus award from NEURODIAB, IDMA Young Pharmaceutical Analyst Award, OPPI award, Young scientist award from Telangana Academy of Sciences and 'FICCI Award of Excellence - Women in R&D' etc.

The institute has established number of research collaborations with reputed national and international institutes and universities. We have also entered into MoUs with leading institutes like IIT-BHU, Varanasi, National Institute for Micro, Small and Medium Enterprises (NI-MSME), Hyderabad and Central Research Institute of Unani Medicine (CRIUM), Hyderabad & Research and Innovation Circle of Hyderabad (RICH), Hyderabad.

NIPER Hyderabad has organized several conferences/ workshop which include NIPER-DRILS Industry Oriented Training (16-20 December, 2019), Workshop on Pharmaceutical Quality Assurance /Quality Control (QC/QA) (11-13 October, 2019), Workshop on Good Pharmacy Practice (16 September, 2019) and Workshop on Good Pharmacy Practice (23 August, 2019).

Students hailing from this institute are being well sought after by several leading pharmaceutical companies like Dr. Reddy Laboratory, Johnson & Johnson, Credo Life Sciences, Novartis, Macleods Pharmaceuticals, Cipla, Roche Pharma, Sai Life Sciences, Vivo Biotech and around 90-100 % of the students are getting placed from campus in key positions. Many of the students have also being pursuing higher studies in various national and international institutes/universities.

The students of NIPER-Hyderabad are provided accommodation at NIPER hostel (located at IDPL Township), around 2 Km away from NIPER campus situated in Balanagar, Hyderabad. Boys and Girls students are accommodated in two different hostels. Students are provided with to and fro bus service between the Institute and Hostel. Students live in pleasant surroundings of intellectually stimulating environment. The layout of the hostel in general is quite appealing. The NIPER Hyderabad campus and hostel are Wi-Fi enabled and has various facilities like Gym, recreational facilities etc. Round the clock security for NIPER hostel and NIPER institute is provided and is monitored by the NIPER Hyderabad administration.

NIPER Hyderabad has consistently produced excellent results and placements and its alumni can be found in distinguished organizations in India & overseas. In brief, we believe in –

“Think big, Act bold, Start simple, and Perform Best”

If these are your goals, then you are welcome at NIPER, Hyderabad and we will help you realize your dreams!

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NIPER-Kolkata

NIPER-Kolkata was established in 2007 and holds a unique position amongst other NIPERs on two counts: being located in the scientifically thriving city of Kolkata and housed in the campus of the first pharmaceutical company in India, Bengal Chemicals & Pharmaceuticals Limited (BCPL).

NIPER-Kolkata is surrounded by a number of National laboratories, institutes, and universities. Their interaction is fostered at many levels. Soon after its inception, the institute set about to pursue wholeheartedly the various pharmaceutical research related objectives which provided the crucial base from where the present institute has grown. The creative scientific work of the institute thus got off to a good start. Since its inception, nearly 450 students have qualified and many of them are thriving in academics and industries both nationally and internationally. Ever since its inception, the Institute has been fostering and nurturing leaders as pharmacists, researchers/scholars and academicians and industry personnel who are capable of making differences in the pharmaceutical academic/industrial sector. NIPER Kolkata in pursuit of its mission has introduced a course curriculum on 'Rare Diseases' leading to 2 credits (36 hours of teaching) for the first time in the global context at the Master's level. Currently the institute has five departments, namely, Medicinal Chemistry, Natural Products, Pharmacoinformatics, Pharmacology & Toxicology, and Pharmaceutics. NIPER-K is committed to make a lasting impact in the national and international science based on the enduring principles of integrity, excellence, accountability, and transparency. The Institute has a vibrant atmosphere of growth and progress which motivates each student and faculty to give their very best for the growth of the Institute. The Institute is touching new horizons with the contributions from every student and faculty member.

Objectives:

- To tone up the level of pharmaceutical education and research.
- To produce leaders in the field and provide opportunities for training of future teachers and research scientists for the industry and the profession.
- To be a centre for innovation in pharmaceutical sciences and technology.
- To encourage research and studies in new and emerging areas like discovery of pharmacologically active molecules, new therapeutic processes and formulations, synthetic biology, cellular and molecular biology, immunology and immunodiagnostics, recombinant DNA technology, novel drug delivery systems including nano-technology, chemical and biochemical process technology, etc.
- To promote innovative and translational research.
- To study of national/ international pharmaceutical policy.
- To create specialized centers to cater to the needs of pharmaceuticals industries of our country and other research and teaching institutes.
- To provide scientific footing to traditional medicines and rare diseases.

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The institute is offering the following courses for the academic session 2020-21

S.No	Disciplines	No of Seats*
1	Medicinal Chemistry	04
2	Natural Products	01
4	Pharmacology and Toxicology	03
5	Pharmaceutics	02

Note : Seats may subject to change.

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NIPER-Raebareli

NIPER, Raebareli was established in November, 2008 under the aegis of the Ministry of Chemicals & Fertilizer, Govt. of India and has been declared as Centre of Excellence owing to its importance in imparting pharmaceutical education and research. Since July 2018, NIPER, Raebareli is independently functioning from new transit campus at Bijnor-Sisendi Road, Lucknow. The new transit campus of NIPER-R is spread in 5 acres of land having academic and administrative blocks, hostel blocks separate for boys and girls and cafeteria.

Academic Courses

NIPER, Raebareli offers M.S. (Pharm) program in four disciplines i.e. Department of Pharmaceutics, Department of Medicinal Chemistry, Department of Pharmacology & Toxicology and Regulatory Toxicology whereas PhD program in three disciplines i.e. Department of Pharmaceutics, Department of Medicinal Chemistry, Department of Pharmacology.

The institute is offering the following courses for the academic session 2020-21

S.No	Disciplines	*No of Seats
1	Medicinal Chemistry	2
2	Pharmaceutics	2
3	Pharmacology & Toxicology	2
4	Regulatory Toxicology	--

Note : Seats may subject to change

Thrust Research Area

NIPER, Raebareli is actively engaged in addressing therapeutic needs of the country especially focusing on locally prevalent diseases. Tuberculosis being one of the most lethal disease of the country which warrants urgent attention as most of the available drugs are undergoing resistance issues. As per mandate, NIPER-R has started research programs directed towards design and development new anti-tubercular agents for treatment of TB. The intense research programs are also aimed towards treatment of neurodegenerative diseases like Alzheimer's disease. The Department of Pharmaceutics is actively involved in the development of nanoformulations for BCS class II & IV drugs and peptides. The primary focus for developing nanoformulations is to target brain, through nanoemulsions, drug nanofibres, polymeric drug nanoparticles, pharmaceutical nanocrystals/cocrystals, mesoporous silica nanoparticles etc. The primary research focus of Department of Pharmacology & Toxicology's is on the understanding mechanisms central to neurodegenerative disorders such as Alzheimer's disease. The research programs are also directed in studying pathomechanisms driving neurological consequences of arsenic, copper & pesticide exposure. NIPER, Raebareli has recently started research work Japanese Encephalitis (JE) which is prevalent in eastern UP. Nearly 50 research papers in last 2 years in some of the highly rated peer reviewed journals like Drug Discovery Today, Journal of Organic Chemistry, Frontiers in Pharmacology, European J Medicinal Chemistry, Environment Research; ACS

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Catalysis etc are the testimony of our recent research achievements in addition to a patent which has filed in 2019.

Academic Activities

NIPER, Raebareli is now located in transit campus Lucknow and several research and medical institutes are located in the vicinity. In order to foster academic and research activities to benefit students several MOUs with prestigious institutes has been signed.

- SGPGIMS, Lucknow
- IIT-Kanpur
- IIT-Roorkee
- DPSRU, New Delhi
- FFDC, Kannauj
- ERA University, Lucknow
- KGMU, Lucknow

Conference/Symposium/Workshops

In order to benefit students from various research activities around India, NIPER Raebareli organizes national symposia every year. The 11th NIPER-R symposium on *Natural Product Based Therapeutics in Drug Development* was recently held on February 14-15, 2019 at our new Transit Campus at Lucknow. Job placement for students NIPER Raebareli has a dedicated placement cell which is actively involved in providing best employment opportunities for our students. A workshop cum hands-on-training on western workflow and cell analysis was organized at NIPER-R Transit campus October 11-12, 2018.

Campus Placement

In the current academic year (2018-19), the students of NIPER-R have been recruited in several leading pharmaceutical companies such as Piramal Healthcare, Oxygen Healthcare Almelo Pharma, Jubilant Chemsys, Orthoheal, APCER Life Science and NECTAR Lifesciences. The prime campus recruiters of NIPER-R students are several prominent pharmaceutical companies such as Novo Nordisk, Bangalore, NEC Life, Lupin Ltd., Pune, Curadev Pharma Pvt. Ltd.

Research Facilities

Major Instruments

• 500 MHz NMR	• FT-IR
• Digital Plethysometer	• Passive/Active Avoidance test Apparatus
• Opto-Varimax -4 Digital Stereotaxic Sociability Apparatus	• T maze and Elevated Plus maze
• Multi-mode Raeder Microplate/ELISA Reader	• Rodent Anesthesia System
• qPCR	• Biochemistry Analyzer
• DSC	• Tablet coating machine
• Malvern Master Sizer (Hydro 2000)	• Bench Top Freeze Dryer Eight station jacketed Franz Diffusion Cell apparatus
• <i>In Vitro</i> cell culture facility	• Animal House Facility (Approved CPCSEA)

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(Ahmedabad; Guwahati; Hajipur; Hyderabad; Kolkata; Raebareli; S.A.S.Nagar)

NIPER – S.A.S. NAGAR

Indian Pharma Industry has been a global leader in generic drugs. In order to acquire leadership position in drug discovery and development and to continue to excel in the formulations, Government recognized that human resources/talent pool is very critical. Thus, Government of India set up “**National Institute of Pharmaceutical Education & Research (NIPER) at S.A.S. Nagar Mohali**” in 1991 as a registered society under Society Registered Act, 1860. Subsequently, the Institute was given statutory recognition by an Act of Parliament (NIPER Act, 1998) and NIPER has been declared as an **Institute of National Importance**. National Institute of Pharmaceutical Education and Research (NIPER), S.A.S. Nagar, an autonomous body set up under the aegis of Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India, is the first national level institute in pharmaceutical sciences with a proclaimed objective of becoming a centre of excellence for advanced studies and research in pharmaceutical sciences. **NIPER, S.A.S. Nagar is ranked No. 3 by the National Institutional Ranking Framework (NIRF) for the year 2019 in the Pharmacy category in the country.** In addition to the above, NIPER S.A.S. Nagar is a member of Association of Indian Universities. Since its inception, 2579 Master’s, 607 MBA and 320 Ph.D. students have graduated from NIPER, SAS Nagar. Institute is involved in the cutting edge research in various diseases area, very well exemplified by publication of 2580 research papers and filing of 192 patents out of which 91 have been granted. The aims of NIPER S.A.S. Nagar are achieved by:

1. **Teaching activities** – M.S. (Pharm.), M.Tech. (Pharm.), MBA (Pharm.) & Ph.D. courses are being offered.
2. **Research and Development activities** - Sponsored research projects/consultancy/Project handling/upscaling.
3. **Support to industry** – The Institute provides support to the industry through its service centres viz Library & Information Centre, Central Instrumentation Laboratory, National Toxicology Centre, Small & Medium Pharmaceutical Industry Centre, Technical Development Centre, National Bioavailability Centre, NPIE etc.)

NIPER, S.A.S. Nagar offers highly trained technical manpower to the domestic pharmaceutical sector.

The merit of the students (Masters’ and PhD) of the Institute has been recognized with many awards and distinctions. The Institute has also been awarded with **Thomson Reuters Innovation Award 2011** (Govt. sector).

NIPER – SAS Nagar has also licensed out some technologies developed at different Centres/Departments of the Institute.

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The institute is offering the following courses for the academic session 2020-21

S.No	Disciplines	*No of Seats
1	Medicinal Chemistry	--
2	Natural Products	--
3	Traditional Medicine	--
4	Pharmaceutical Analysis	--
5	Pharmacology & Toxicology	01
6	Regulatory Toxicology	--
7	Pharmaceutics	--
8	Pharmaceutical Technology (Formulation)	--
9	Biotechnology	--
10	Pharmacy Practice	01
11	Clinical Research	--
12	Pharmacoinformatics	01
13	Pharmaceutical Technology (Process Chemistry)	01
14	Pharmaceutical Technology (Biotechnology)	--
15	Pharmaceutical Management	01

Note : *Seats may subject to change

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3. ACADEMIC PROGRAMMES AND ELIGIBILITY CRITERIA

The Doctoral research programme of the institute is classified into the following three disciplines.

- **CHEMICAL SCIENCES:** Includes departments of
 - i) Medicinal Chemistry
 - ii) Natural Products
 - iii) Pharmacoinformatics
 - iv) Pharmaceutical Technology (Process Chemistry)
- **BIOLOGICAL SCIENCES:** Includes departments of
 - i) Pharmacology and Toxicology
 - ii) Biotechnology
 - iii) Pharmacy Practice.
 - iv) Pharmaceutical Technology (Biotechnology)
- **PHARMACEUTICAL SCIENCES:** Includes departments of
 - i) Pharmaceutical Analysis
 - ii) Pharmaceutics
 - iii) Medical Devices
- **Pharmaceutical Management :** Includes department of Pharmaceutical Management

3.1. Availability of Disciplines for July 2020 academic session*

3.1.1. Discipline of Chemical Sciences

S.No	Department	Offering NIPERs	Eligibility Criteria
1	Medicinal Chemistry	Ahmedabad Hyderabad Kolkata Raebareli S.A.S. Nagar	M.S. (Pharm.) (Medicinal Chemistry/ Natural Products); M. Pharm. (Pharmaceutical Chemistry); M.Tech. (Pharm.) (Bulk Drugs/Process Chemistry); M.Sc. (Organic Chemistry);
2	Natural Products	Ahmedabad Kolkata S.A.S. Nagar	M.S. (Pharm.) (Natural Products/Medicinal Chemistry/Traditional Medicines); M.Pharm. (Pharmaceutical Chemistry/ Pharmacognosy); M.Tech. (Pharm.) (Bulk Drugs/Process Chemistry) M.Sc. (Organic Chemistry).
3	Pharmacoinformatics	Hajipur Kolkata S.A.S. Nagar	M.S. (Pharm.) (Pharmacoinformatics/Medicinal Chemistry/Natural Products); M.Tech. (Pharm.) (Bulk Drugs/Process Chemistry); M.Tech. (Bioinformatics); M.Sc. (Organic/Physical/Pharmaceutical Chemistry/Biochemistry/Biophysics /Biotechnology/Bioinformatics/Microbiology).
4	Pharmaceutical Technology (Process Chemistry):	S.A.S. Nagar	M.S. (Pharm.); M.Tech. (Pharm.); M.Sc. (Organic Chemistry).

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3.1.2. Discipline of Biological Sciences

S.No	Department	Offering NIPERs	Eligibility Criteria
1	Pharmacology & Toxicology	Ahmedabad Guwahati Hyderabad Raebareli S.A.S. Nagar	M.S. (Pharm.)/M.Pharm./M.Tech. (Pharm.) (Medicinal Chemistry/Pharmaceutical Chemistry. Natural Products/Pharmacology & Toxicology/Regulatory Toxicology/Formulation/Biotechnology/Pharmaceutics/Pharmacoinformatics); M.E./M.Tech./M.Sc. (Pharmacology/Biotechnology/Nanotechnology/Computational Sciences/Biochemistry/Toxicology/Zoology/Physiology/Life Sciences/Microbiology/Organic Chemistry/Pharmaceutical Chemistry); M.D. (Pharmacology), M.V. Sc. (Pharmacology/Pathology/Biotechnology), MCA.
2	Biotechnology	Ahmedabad Guwahati Hajipur S.A.S. Nagar	M.S. (Pharm.)/M.Pharm./M.Tech. (Pharm.) (Medicinal Chemistry/Pharmaceutical Chemistry/Natural Products/Pharmacology & Toxicology/Formulation/ Biotechnology/Pharmaceutics/Pharmacoinformatics); M.E./M.Tech./M.Sc. (Biotechnology/Life Sciences/Computational Sciences; Biochemistry/Botany/Zoology/Physiology/Life Sciences /Organic Chemistry/Pharmaceutical Chemistry); M.V.Sc.; MCA.
3	Pharmacy Practice	Hajipur Guwahati SAS Nagar	M. Pharm. (Pharmacy Practice/Community Pharmacy/Hospital Pharmacy/Clinical Pharmacy).
4	Pharmaceutical Technology (Biotechnology)	S.A. S Nagar	M.S.(Pharm);M.Pharm; M.Sc.(Life Sciences); M.Tech (Pharm.)(Biotechnology)

3.1.3. Discipline of Pharmaceutical Sciences

S.No	Department	Offering NIPERs	Eligibility Criteria
1	Pharmaceutical Analysis	Ahmedabad Hyderabad SAS Nagar	M.S. (Pharm.) (Pharmaceutical Analysis); M. Pharm. (Pharmaceutical Analysis); M.Sc. (Organic/Analytical Chemistry).
2	Pharmaceutics	Ahmedabad Hyderabad Kolkata Raebareli S.A.S. Nagar	M.S. (Pharm.) (Pharmaceutics/ Biotechnology/ Pharmacology); M.Pharm. (Pharmaceutics /Formulations); M.Tech. (Pharm.) (Biotechnology); M.Tech. (Biomedical Engineering/ Biotechnology /Chemical Engineering).
3	Medical Devices	Ahmedabad	M.S. (Pharm.)/M. Pharm (Medical device/Pharmaceutics/ Pharmaceutical analysis /Biotechnology); M.Tech/M.E (Bioengineering/biomedical engineering/ biotechnology/ chemical engineering/material science and engineering/ biochemical engineering/ electronics); M.Sc (Life science/ biochemistry, biotechnology/Biomedical science/ Biophysics); M.B.B.S, BDS, MVSc

3.1.4. Discipline of Pharmaceutical Management

S.No	Department	Offering NIPERs	Eligibility Criteria
1	Pharmaceutical Management	S.A.S Nagar Hyderabad	M.B.A. (Pharm.) from any of the NIPERs

- Note Availability of PhD seats in various departments may subject to change

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- 3.2.** The seats available in various NIPERs/departments/disciplines include Institute funded and Government project funded fellowships. Details of seats will be displayed on website www.niperahm.ac.in separately.
- 3.3.** Limited number of seats will also be available for candidates having their own fellowships from CSIR/UGC/ICMR/DBT/DST INSPIRE, RGNF etc. in the Department of Medicinal Chemistry; Pharmacology & Toxicology; Pharmaceutics; Biotechnology and Pharmaceutical Technology (Process Chemistry), (Natural Products) etc. Candidates who have appeared for NET-JRF Examination of the CSIR/ UGC/ ICMR/ DBT/DST etc. in the above disciplines but are yet to get the result are also eligible to apply. However, such candidates will be required to produce the proof of having qualified the NET-JRF examination at the time of interview.
- 3.4.** Seats are available for Self-Financing Foreign Nationals and Foreign Nationals under various scholarship schemes of the Ministry of Human Resource Development/Ministry of External Affairs, Government of India. These seats are over and above the available seats mentioned above. Such candidates have to arrange for the clearance from the Ministry of External Affairs, Govt. of India, before they can be admitted, if selected.
- 3.5.** Seats are available for candidates sponsored by Government Departments, Research and Development organizations, Public Sector Undertakings/Reputed Pharmaceutical Enterprises.
- 3.6.** Candidate should have passed the qualifying degree with a minimum of 60% marks in aggregate or CGPA of **6.75** on a 10 point scale wherever grades are awarded or equivalent as determined by Board of Studies and Research of NIPER (Percentage of marks or CGPA so calculated will be based on the norms fixed by the concerned University / Institution or aggregate marks or CGPA scored by the candidate for all years of the qualifying degree, in case University /Institution has not prescribed any norm for calculating such percentage or CGPA). Passing of GPAT/GATE/NET is an essential qualification except for the following categories of candidates.
- 3.6.1.** Candidates holding M.D; M.V.Sc,BDS,MD.
- 3.6.2.** Foreign nationals.
- 3.6.3.** Sponsored candidate from Government Departments, Research and Development organizations, Public Sector Undertakings/Reputed Pharmaceutical Enterprises.

4. PROVISIONAL APPLICATION

Candidates appearing for final qualifying examinations may also apply but they must produce final result and mark sheet of qualifying degree on the day of Interview failing which their candidature will be summarily rejected. No plea/request shall be entertained.

RELAXATION

- 4.1.** Relaxation in CGPA to 6.25 on a 10-point scale or in marks to 55% or equivalent in the eligibility criteria is allowed to SC and ST candidates.
- 4.2.** Physically handicapped (PH) candidates are permitted relaxation in eligibility requirement of CGPA to 5.75 on a 10-point scale or to 50% marks or equivalent. No other relaxation beyond this limit will be allowed even if they belong to SC/ST category.

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- 4.3. Scheduled Caste and Scheduled Tribe candidates should furnish a caste certificate signed by Tehsildar/ District Magistrate.
- 4.4. Physically handicapped candidates should furnish a medical certificate indicating a minimum of 40% of physical defect or deformity duly signed by a Medical Board and countersigned by Principal Medical Officer of a Government Hospital.

5. CANDIDATES SPONSORED BY GOVERNMENT DEPARTMENTS/RESEARCH AND DEVELOPMENT ORGANIZATIONS/ PUBLIC SECTOR UNDERTAKINGS/ REPUTED PRIVATE PHARMACEUTICAL ENTERPRISES

- 5.1. Reputed Private Pharmaceutical Enterprises shall mean "Industry/Government Sponsored, a Trust, a Private Limited Company, a partnership/LLP company. A self employed person/Small Scale entrepreneur having Drug Manufacturing License and 3 years experience of running Pharma Unit can sponsor himself and Income Tax Returns for 3 years should be provided for considering eligibility. Industry/Government Sponsored candidates should have an annual turnover of Rs. 100 Crores (for Private Limited Company); 10 Crores (for Partnership/Limited Liability Partnership Company); 2 Crores (for self employed) respectively. Besides above, candidate should be one whose Provident Fund is deducted by the employer
- 5.2. The sponsoring private sector undertakings will be accredited by the committee constituted for the purpose. Qualifying criteria shall be as per "Academic Programmes and Eligibility criteria". Candidate should have relevant working experience of not less than two years from present employer and he/she will be required to pay fee as Industry/Government sponsored candidate for which a separate fee structure is given under Sec.9 "Fees and Payments".
- 5.3. Candidate must submit a Sponsorship certificate from sponsoring organization in the form of an undertaking that the sponsored employee shall be treated on duty and paid his or her usual salary and allowances for the period of studies/research at this Institute. Such employees shall be fully relieved by the employer for studies/research. Certificate shall be provided in the format provided at Annexure-2, along with the print out of the registration form. Certificate shall also make a mention of the fact that candidate has a relevant working experience of 2 years from his/her sponsoring employer's organization after the qualifying degree. Candidate should have completed duration period on the day of application/online registration. A salary statement for these two years shall be required.
- 5.4. Candidates seeking admission on the basis of study leave must show proof to the effect that he/she will be/has been granted leave for the period of study in the Institute.
- 5.5. Where an employer wish to withdraw the sponsorship, such employer shall be required to give genuine reasons for the withdrawal. The student then will be given an opportunity to put forth his or her side of the issue. Where the Dean and Director are satisfied that the student has violated any terms and conditions of the agreement with the employer, such person shall cease to be student of the Institute. Where student has not violated any terms and conditions of the agreement with his employer, he or she shall be allowed to complete his or her studies. No fees shall be refunded in any situation.

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5.6. No placement assistance is provided to the candidates sponsored by public/private sector undertakings, government departments, research and development organizations.

5.7. Selected Candidates shall be admitted to the programme, after he/she deposits fee for first semester in the shape of Demand Draft at the time of his/her admission (details of fee provided at Sec 9).

6. ADMISSION OF FOREIGN NATIONALS: Procedure of Admission

6.1. On the recommendation of Ministry of Human Resource Development/ Ministry of External Affairs, Govt. of India, eligible Foreign Nationals selected by the respective ministry under various scholarship schemes shall be considered for admission; and Eligible Self Financing Foreign Nationals shall be directly considered for admission by the Institute.

6.2. These candidates shall approach the Institute for admission with prior clearance from Ministry of External Affairs, Govt. of India.

6.3. These seats shall be over and above the available seats

6.3.1. The eligible candidates will be informed through foreign embassy in India.

6.3.2. Selected candidates will be required to produce the medical report on HIV test from an authorized Medical Officer.

7. HOW TO APPLY

7.1. Applicants shall register online on www.niperahm.ac.in as per instructions given on the website. The process of online registration shall commence on **01st April 2020** onwards and will continue till **25th June 2020**, 5.00 PM.

7.2. Instruction for Registration is available on www.niperahm.ac.in website.

7.3. Registration Fee for

- | | |
|--------------|------------|
| ➤ Gen/OBC/PH | Rs. 3000/- |
| ➤ SC/ST | Rs. 1500/- |

Note : The transaction charges will be applicable as per RBI circular No. DPSS.CO.PD.NO 1633/02.14.003/2017-2018 dated 06-12-17. Rates as per RBI will be applicable for campaign period.

7.4. Candidates appearing for final qualifying examination (including NET-JRF) can also apply but they must produce final result on the day of interview failing which their candidature shall be rejected.

8. ONLINE ADMISSION TEST (Computer based test)

Online test will be held on Monday, the **28th September 2020** at **AHMEDABAD, SURAT, RAJKOT, BENGALURU, BHOPAL, CHENNAI, CHANDIGARH, DEHRADUN, GUWAHATI, HYDERABAD, JAIPUR, KOLKATA, LUCKNOW, MUMBAI, NAGPUR, NEW DELHI, THIRUVANANTHAPURAM, PUNE, AGRA, VIJAYAWADA, COIMBATORE, PATNA, RANCHI, RAIPUR, BHUBANESHWAR, MADURAI, JAMMU, VARANASI and AMRITSAR.**

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- 8.1.** Based on the performance in the online test, list of candidates to be called for interview will be displayed on the website www.niperahm.ac.in. Interview will be held on 10-10-2020 and 11-10-2020 at NIPER- Ahmedabad. No TA/DA will be paid for attending online test and interview. Candidates have to make their own arrangement for stay during online test and interview.
- 8.2.** Permission granted to the candidates to appear in online test and interview is merely provisional. Final consideration of the candidature is subject to fulfilment of the eligibility criteria to be verified at the time of Interview.
- 8.3.** There will be one objective type question paper containing 170 questions of 85 marks, for each of the following areas i.e. Chemical Sciences; Biological Sciences and; Pharmaceutical Sciences.
- The question paper will be of the level of M.S. (Pharm.); M.Pharm.; M.Tech. (Pharm.); M.V.Sc.; M.D. and M.Sc. (in relevant discipline) level.
- Each discipline will also have questions from general Pharmaceutical Sciences and general aptitude. Duration of the examination will be 2 hours.
- 8.4.** There will be negative marking in the entrance examination. 25% marks will be deducted for each wrong answer.
- 8.5.** The qualified candidates in each discipline shall have to appear for interview which will carry 15 marks.

ADMISSION PROCEDURE

Admission to the Ph.D. Programme will be based on the combined merit obtained by a candidate in the entrance examination and interview. Interview of the eligible candidates for the Ph.D. Programme will be conducted based on the merit in the entrance examination.

The candidates have to report to the institute for Interview on scheduled date and time. Candidates will be allowed to participate in Interview, only if they are carrying requisite documents as mentioned in Sec 8 "Documents to be submitted" of this brochure and have to show proof of having passed the qualifying degree examination.

There will not be any waitlist of the candidates after filling up the seats post counselling.

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DOCUMENTS TO BE SUBMITTED

The candidates will be required to submit the following documents in original and a set of photocopies of these certificates at the time of interview, failing which, the candidature shall be summarily rejected:

- 8.6. NIPER JEE 2020 Application Form Printout (02 Copies)
- 8.7. Matriculation Certificate as a proof of age and correct name.
- 8.8. Mark sheets of all the semesters' years of qualifying degree.
- 8.9. Admit Card of NIPER online test.
- 8.10. Original Migration Certificate (Last University/ Institute Attended)
- 8.11. GPAT/GATE/NET Card wherever applicable.
- 8.12. Award letter (if any) of NET-JRF of CSIR/UGC/DBT/ICMR, DST etc.
- 8.13. Caste certificate, if applicable.
- 8.14. Certificate of disability, if applicable.
- 8.15. Medical Certificate from a Registered Medical Practitioner of a Government Hospital to be provided in the format given at Annexure-1.
- 8.16. Sponsorship certificate from the employer in case of Government/Industry sponsored candidates as per form attached at Annexure-2.
- 8.17. Affidavit to be provided by the candidate against ragging in the format provided at Annexure-3.
- 8.18. Undertaking to be given by the parents of the candidate. Format provided at Annexure-4.
- 8.19. Affidavit to be provided by the candidate as per the format provided at Annexure-8.

For students awaiting Final year result

Students awaiting their final year results can send confidential results from official email ID of respective university registrar before final counselling to the following E mail ID: confidentialresult@niperahm.ac.in "

NOTE: All the documents required to be submitted should be self attested (Except Migration Certificate) by the candidates.

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9. FEES AND PAYMENTS

9.1 Ph.D. (Batch 2020)

Onetime payment of Charges	General/OB C/EWS (Rs.)	SC/ST (Rs.)	Govt./Indus. Spons.(Rs.)
Admission Fee	2,200	2,200	
Alumni Fund	5,500	5,500	
Hostel Admission	2,200	2,200	
Group Insurance (for 2 years)	4400	4,400	
Caution Money (Refundable)	27,500	27,500	
Placement Fee	2,000	2,000	
Total A	43,800	43,800	60360*
Charges payable for each semester			
Tuition Fee	18,700	-	
*Examination/Evaluation Fee	825	825	
Registration Fee	1,000	1,000	
Sports	825	825	
Computer Contingency	825	825	
Medical Charges	500	500	
Hostel Seat Rent	5500	5500	
Electricity Charges	2,200	2,200	
Benevolent fund	500	500	
Laboratory Fee	16,500	16,500	
Library Fee	1,100	1,100	
Total B	48,475	29,775	106400*
*PhD thesis evaluation fees of Rs 10,000/- will be charged before the thesis submission from all students submitting thesis from academic year 2020-21 onwards.			
Total Charges Payable			
Payable on Admission [Sem-1 (A+B)]	92,275	73575	166760*
Payable for Semester-2 Onwards	48,475	29,775	106400*

As per NIPER ordinance Point No. 11 b) (iv),(v),(vi)&(vii)

- The Fee and other charges shall be required to be paid by the notified date and time;
- Where the candidate does not deposit Fees etc. by notified date and time, he or she shall forfeit the seat. The seat shall be offered to the next candidate on the merit list.
- The candidate shall provisionally register for Ph.D. Programme at the time of admission.
- Where the student successfully completes the course work and clears the comprehensive examination, the provisional registration shall be the formal registration from the date of admission.

*Group Insurance and caution money in case of Govt./ Industry Sponsored candidate will be same as in case of other Students.

Fee (Ph.D.) (Foreign National Candidates)

At the time of admission US\$ 20420

At every subsequent Semester US\$ 14883

Project Cost (Ph.D. Scholars) US\$ 2150 every year

*Includes refundable Security deposits of US\$1000.

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8.20.

9.2 Ph.D. (Non hostellers)

Non hostellers will not be required to pay hostel seat rent and electricity charges in each semester. In addition, non hostellers will not be required to pay hostel admission charges at the time of admission.

9.3 Sponsored candidate from Govt. Departments, Research and Development Organizations, Public Sector Undertakings and Reputed Private Pharmaceutical Enterprises and Self Financed candidates, shall be required to pay an additional Rs.70,000 p.a (non-refundable) towards Project cost along with admission/semester fees.

9.4 In addition to the above scholars will be required to pay thesis evaluation charges of Rs. 10,000 at the time of submission of their thesis.

9.5 Self Financing Foreign National Students

At the time of Admission:	US\$ 20420
At every subsequent semester	US\$ 14883

Besides above, the candidates will be required to deposit US\$2150 p.a. (non-refundable) towards project expenditure along with admission/ semester fees. Any other fees, charges or dues at the same rate as payable by the Indian students of the same academic category and level payable in US \$

10. REFUND OF SECURITY

If the student does not join the programme after paying the dues and leaves the Institute, only security deposit as applicable shall be refunded, provided a written application is made by the student to the Director. No other amount including fees deposited shall be refunded. Students in eventuality of withdrawing / leaving a course after joining, will have to return the entire fellowship received, as per the details mentioned in Annexure -8

FINANCIAL ASSISTANCE

10.1 Funded category: Available disciplines displayed in Section 3 “Academic Programme and Eligibility Criteria” have all funded seats and includes seats funded by the NIPER, as well as seats with fellowships under government funding agencies such as DST, CSIR, UGC, DBT, ICMR etc.

10.2 Financial assistance provided by the Institute for NIPER funded seats shall be Rs. 31,000 p.m. to M.S.(Pharm.); M.Pharm.; M.Tech.(Pharm.) degree holders for first 2 years and Rs. 35,000 p.m. respectively from 3rd year onwards.

10.3 Continuation of NIPER fellowship will be subject to obtaining of minimum CGPA of 6.50 in each semester. In case the CGPA is less than 6.50 but more than 6.00 the stipend of the student shall be withheld till he/she obtains the minimum CGPA of 6.50 as per the terms and conditions of the Institute. The tenure of the fellowship will be three years with possible extension up to a maximum tenure of five years. The fellowships are renewable every year as per Institute rules subject to satisfactory progress and good conduct. The student has to provide assistance of 8 hours per week to the Institute.

REGISTRATION/ORIENTATION

10.4 Every student has to register himself/herself before the commencement of each semester according to the schedule and procedure laid down by the Institute. The date, time and venue will be announced in advance. The courses offered by the departments will be made known to the students at the time of orientation.

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10.5 The student has to register in person. A student, who fails to get himself/herself registered, will no longer be considered as a student of the Institute. If a student is unable to appear for registration personally on account of illness or similar circumstances which are beyond his/her control he/she may appear for late registration. In genuine cases, the Dean may approve late registration on payment of late fee. Registration in absentia may be allowed only in exceptional circumstances at the discretion of the Dean.

11.CREDIT SYSTEM

11.1 Education in the Institute will be organized around the credit system.

11.2 Each course will have a certain number of credits which will describe its weightage. The performance/progress of the student will be measured by the number of credits that he/she has completed satisfactorily. A minimum grade point average will be required to qualify for the degree.

11.3 Every course will be co-ordinated by a faculty member of the department offering the course in a given semester. This faculty member will be called the course co-ordinator. The co-ordinator will have the full responsibility to conduct the course, co-ordinating the work of the other members of the faculty involved in that course, holding tests and assignments and awarding the grades. In case of any difficulty the student is expected to approach the course co-ordinator for advice and clarification. However, the overall academic activities of a department will be supervised by the Head/Incharge of the respective department.

QUALIFYING CRITERIA FOR AWARD OF DEGREE

11.4 Students are required to attend every lecture and practical class during the semester: provided that in the case of late registration, sickness and other contingencies the attendance required will be a minimum of 75% of mandatory attendance in a course. Failing this, he/she will not be permitted to appear in the end-semester examination of that course in that semester and the student will have to complete all requirements of that course in the subsequent year when the course is held again.

11.5 M. S. (Pharm.); M.Tech. (Pharm.); M.Pharm. degree holders of NIPER getting into the Ph. D. programme will have to complete doctoral courses of minimum 12 credits and all other students will have to complete minimum of 28 credits of which at least 16 credits should be from the specialisation.

11.6 The minimum CGPA requirement will be 6.50. If the CGPA is within 6.00 to 6.50, he/she will be asked to take more courses in order to make up the required CGPA. If CGPA is below 6.00 at the end of any semester, he/she will have to discontinue the Ph. D. programme.

11.7 A student will be formally registered/ admitted to the candidacy of Ph. D. degree only after clearing the comprehensive examination which he/she will be permitted to take only after the submission of a research plan and completion of the course work. A maximum of two attempts (not in the same semester) will be allowed to any student to clear the comprehensive examination. A student must formally register for Ph. D. after completing the comprehensive examination.

11.8 The student will be required to be registered for a period of not less than three years but in exceptional cases the minimum registration period may be reduced to two years with the approval of the Senate.

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MEASURES AGAINST THE MENACE OF RAGGING /RULES GOVERNING CONDUCT AND MAINTENANCE OF DISCIPLINE/ACTS OF INDISCIPLINE

Ragging in educational institutions is banned by Hon'ble Supreme Court of India. Court has issued mandatory orders to curb the menace of ragging (Annexure-5).

If a student is found to have indulged in ragging, he/she shall be awarded severe punishment, like expulsion from hostel or mess. In serious cases, student can be expelled from the Institute or FIR can be lodged against him/her with the nearest police station. The punishment shall also be in the form of fine, public apology or withholding of result.

Students who join the institute are required to submit an affidavit in the form of an undertaking, format provided at Annexure-3.

They shall also submit an undertaking from their parents on a plain paper in the form provided at Annexure-4 at the time of counselling/Admission.

Before commencement of classes, admitted students will be required to submit an anti-ragging affidavit in the Academic Section of the respective NIPERs. A print out of the Affidavit can be taken out by following step wise process given below:-

Step 1: A student must log on www.Antiragging.in or on www.Amanmovement.org

Step 2: Student must fill the information as requested.

Step 3: On completion students will receive the affidavits through email. He/She can print them and submit to Academic Section as mentioned above.

The rules governing conduct and maintenance of discipline and Acts of Indiscipline are given in Annexure 6 & 7 respectively.

HOSTEL FACILITY:

Selected candidates will be given hostel accommodation based on the availability of rooms including shared accommodation.

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Annexure-1 MEDICAL CERTIFICATE (To be submitted in original at the time of admission)

- 1 Name: _____
- 2 Father's Name: _____
- 3 Date of Birth: _____
- 4 Identification Marks: _____
 - a) Height _____
 - b) Weight _____
 - c) Vision i) Night Blindness _____ ii) Colour Blindness _____
 - d) Report on any Physical Deformity _____

LABORATORY EXAMINATION

- (i) Routine Urine Test _____
- (ii) Report on Hb, TC, DC, ESR of blood and blood group _____
- (iii) Routine Stool Test _____
- (iv) Report on latest PA view X-ray of chest _____
- (v) Report on blood pressure _____
- (vi) Report on ECG _____
- (vii) History of chronic illness if any _____

I certify that: -

- (i) I have carefully examined Mr./Ms. _____ in my presence.
- (ii) He/She is not suffering from any mental or bodily disease/infirmity making him unfit for/ likely to make him/her unfit for higher studies.

Signature of Medical Officer

Full Name _____
Registration No. _____
Designation _____
Name of Hospital _____

Dated _____

Report should be signed by a Registered Medical Practitioner, of a Govt. hospital, not below the rank of Asstt. Civil Surgeon/Physician.

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Annexure-2

*(To be submitted on letter head of the
Sponsoring Organization alongwith duly filled in application form)*

SPONSORSHIP CERTIFICATE

It is to certify that Mr./Ms. _____ is a bonafide employee of our Organization and has been working here as _____ (designation) since _____ (date). As per records available with our Organization Mr./Ms. has post qualification (qualifying degree) minimum relevant experience of 2 years/more than 2 years in our Organization. In the event of admission of Mr./Ms. _____ in NIPER, he/she would be treated on duty and paid usual salary and allowances for the period of studies/research at NIPER. He/she will be fully relieved for the period for pursuing his/her studies and research and that the fee of the candidate will be paid by us.

I understand that in the event of our withdrawal of sponsorship to the student at any stage during the duration of the programme, Mr./Ms. _____ shall cease to be a student of the Institute from the date of withdrawal of sponsorship.

(Authorized Signatory)

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Annexure-3

UNDERTAKING BY THE STUDENT

(Details given at Sec.11)

I, Mr./Ms. _____, Registration No. _____,
Program/Discipline: _____, student of National Institute of
Pharmaceutical Education and Research, (NIPER) _____ do hereby undertake on this
day _____ month _____ year _____, the following with respect to above subject.

- 1) That I have read and understood the directives of the Hon'ble Supreme Court of India on anti-ragging and the measures proposed to be taken in the above references.
- 2) That I understand the meaning of Ragging and know that the ragging in any form is a punishable offence and the same is banned by the Court of Law.
- 3) That I have not been found or charged for my involvement in any kind of ragging in the past. However, I undertake to face disciplinary action/legal proceedings including expulsion from the Institute if the above statement is found to be untrue or the facts are concealed, at any stage in future.
- 4) That I shall not resort to ragging in any form at any place and shall abide by the rules/laws prescribed by the Courts, Govt. of India and the Institute authorities for the purpose from time to time.
- 5) That I have read and understood the "Rules governing conduct and maintenance of discipline for students" available at page-33 (Annexure-6) in this brochure.
- 6) That I understand what constitutes "Acts of indiscipline".
- 7) That I shall abide by above rules and any other rules governing hostels, conduct of students etc.
- 8) That I fully understand the implication of such acts of indiscipline and that disciplinary action for such misconduct may go up to rustication of the student from the institute.

Signature of the student: _____ Date: _____, Place: _____

Countersigned by/Endorsement of

Father/Mother: _____ Date: _____ Place: _____

Note: Please print this undertaking on (Rs. 50 or above) an affidavit and submit it duly notarized.

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Annexure-4

UNDERTAKING FROM THE PARENTS AGAINST RAGGING

(Details given at Sec. 11)

I, _____ am the father/mother of _____

_____ Registration No. _____,

Program/Discipline: _____, National Institute of Pharmaceutical

Education and Research, do hereby fully endorse the undertaking made by my son/daughter/ward and

also endorse the following:-

- 1) That I will be responsible for the conduct of my ward during his / her study in the Institute. That I shall visit the Institute at regular intervals to enquire about my ward's progress and conduct.
- 2) That I know that the ragging in any form is a punishable offence and the same is banned by the Court of Law.
- 3) That my son/daughter/ward has not been found or charged for his/her involvement in any kind of ragging in the past. However, my son/daughter/ward shall face disciplinary action/legal proceedings including expulsion from the Institute if the above statement is found to be untrue or the facts are concealed, at any stage in future.
- 4) That I /my son/daughter shall abide by the rules/laws prescribed by the Courts, Govt. of India and the Institute authorities for the purpose from time to time.

Date:

Signature of Mother/Father and or Guardian

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Annexure-5

MENACE OF RAGGING AND MEASURES TO CURB IT

“Ragging” means causing, inducing, compelling or forcing a student, whether by way of a practical joke or other wise, to do any act which detracts from human dignity or violates his/her person or exposes him/her to ridicule, or compels him/her to forbear from doing any lawful act, by intimidating, wrongfully restraining, wrongfully confining or injuring him/her by using criminal force to him/her, or by holding out to him/her any threat of such intimidation, wrongful restraint, wrongful confinement, injury or the use of criminal force. Ragging being an evil practice, is inhuman, illegal and punishable. It violates the discipline of an educational institution and adversely affects the standards of higher education. Ragging in any educational institute is banned by the Hon’ble Supreme Court of India. The court has issued mandatory orders to curb the menace of ragging in educational institutions. If an applicant for admission is found to have indulged in ragging in the past or it is noticed later that he/she has indulged in raging, his/her admission may be refused or he/she shall be expelled from the educational institution. The punishment may also be in other forms, such as suspension from the classes for a limited period, or fine with a public apology, debarring from representation in events, withholding results, suspension or expulsion from hostel or mess, and the like. If the Head of the Institution is not satisfied with these arrangements for action, a First Information Report (FIR) can be filed without exception by institutional authorities with the local police. The discretionary power vests solely with the Institute Authorities.

Acts Amounting to Ragging could be:

- Teasing, Embarrassing and Humiliating;
- Assaulting or Using Criminal Force or Criminal Intimidation;
- Wrongfully Restraining or Confining or causing Hurt ;
- Causing Grievous Hurt, Kidnapping or Rape or committing Unnatural Offence;
- Causing Death or Abetting Suicide.

Supreme Court of India has made the following recommendation for immediate implementation:

- The punishment to be meted out has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents;
- Courts should make an effort to ensure that cases involving ragging are taken up on priority basis to send the correct message that the ragging is not only to be discouraged but also to be dealt with sternness;
- In the prospectus to be issued for admission by educational institution, it shall be clearly stipulated that in case the applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he has indulged in ragging, admission may be refused or he shall be expelled from the educational institution;
- Role of the concerned institution shall also be open to scrutiny for the purpose of finding out whether they have taken effective steps for preventing ragging and in case of their failure, action can be taken against them too;

NIPERs are committed at removing ragging in all forms. In compliance to the guidelines laid down by the Hon’ble Apex Court of the country.

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Annexure – 6

RULES GOVERNING CONDUCT AND MAINTENANCE OF DISCIPLINE FOR STUDENTS

1. DEFINITION:

For the purpose of these rules, unless there is anything repugnant in the subject or context

- 1.1. Authority' means the Director, the Dean, Heads of Department, Teachers and Officers and all other similar authorities of the Institute.
- 1.2. Director' means the Director of the Institute.
- 1.3. Dean' means the Dean of the Institute.
- 1.4. Officer includes Registrar, Dy. Registrar, Asstt. Registrar, Security Officer, Warden and includes such others as may be notified to be Officers from time to time.
- 1.5. Registrar' means Registrar of the Institute.
- 1.6. Institute' means the National Institute of Pharmaceutical Education & Research.
- 1.7. Student' means a student undergoing a course of study and/or research at the Institute and includes a candidate for any examination of the Institute.
- 1.8. Teacher' means a Professor, Associate Professor, Asstt. Professor or similar authorities of the Institute.

2. CONDUCT :

- 2.1. Every student shall at all times maintain absolute integrity and devotion to studies and research and conduct himself in a manner conducive to the best interest of the Institute and shall not commit any act which is unbecoming of him/her or is prejudicial to the interest of the Institute.
- 2.2. Conform to and abide by the provisions of the rules made by the Institute from time to time.
- 2.3. Comply and abide by all lawful orders which may be issued to him/her from time to time in the course of his/her studies and research by the Institute or by any person or persons to whom he/she maybe reporting in his/her department.

3. RECOGNITION OF EXEMPLARY CONDUCT :

- 3.1. A teacher or an officer of the Institute may at any time make a confidential report through the Dean to the Director about an act of exemplary good conduct by a student which in his/her opinion deserves recognition. The recommendation shall only be made if the conduct of student is otherwise satisfactory.
- 3.2. The report recommending recognition shall precisely state the facts of the case and the reasons for the recommendation.
- 3.3. The recommendation for recognition of exemplary good conduct shall be considered by the Director if he is satisfied that the conduct deserves a recognition, may award a certificate of exemplary conduct with or without monetary reward.
- 3.4. Any certificate granted aforesaid may be withdrawn for sufficient cause but only after giving recipient an opportunity to be heard.

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Annexure7

4. ACTS OF INDISCIPLINE:

An act of indiscipline includes:-

- 4.1. An act punishable under any law for the time being in force;
- 4.2. Wilful insubordination or disobedience (whether or not in combination with others) of any lawful and reasonable instructions of his faculty, wilful negligence, commission of any act, subversive to discipline or good behaviour.
- 4.3. Misconduct (including ragging) or an act which violates any rule of discipline or any other provision of the rules and regulations of the Institute.
- 4.4. Fraud/theft/bribery/dishonesty or acting under the influence of outsiders in connection with their search and studies or property of the Institute or of the property entrusted to the Institute or to another student.
- 4.5. Unauthorized custody and/or use of the Institute's equipment, tools, hostel or any other property of the Institute.
- 4.6. An act in breach of agreement or undertaking or direction or failure or refusal to obey instruction or direction of any authority.
- 4.7. Resorting to mass cuts of classes, tests or examinations and/or other compulsory activities of the Institute.
- 4.8. Absence without leave or overstaying the sanctioned leave for more than seven consecutive days without sufficient grounds or satisfactory explanation.
- 4.9. Falsification of Institute record, impersonation or forgery.
- 4.10. Furnish at the time of admission or thereafter wrong or incomplete information or suppressing any information including dismissal, removal or rustication by previous Institution/University or any punishment by any court of Law.
- 4.11. Conviction by Court of Law for any criminal offence involving moral turpitude or conviction by Court of Law for a serious criminal offence.
- 4.12. Wilful slowing down in performance of research and studies or abetment or instigation thereof.
- 4.13. Smoking or consumption of intoxicating drinks within the Institute. Sleeping while at work within laboratory or classroom.
- 4.14. Making representations to persons or bodies outside the Institute whether official or otherwise on matter connected with the affairs of Institute or personal grievances against the management of the Institute.
- 4.15. Making direct representation or sending grievance petitions to the members of the Board of Governors except through proper channel.
- 4.16. Non-payment of Institute and other dues including Mess & Cafeteria charges.
- 4.17. An act which interferes with personal liberty of another or subjects another to indignity or involve physical violence or use of abusive language.
- 4.18. Collection of funds for any student programme, project or activity without the permission of the appropriate authority.
- 4.19. Organizing a procession or meeting without the permission of the appropriate authority or participation therein.
- 4.20. Use of agitational means including strikes, picketing, Gheraos, fast arousing the sentiments of the students' body and the public or use of any outside agency for redressal of grievances.
- 4.21. Damaging or defacing of Institute property and breaking into any Institute building or premises.
- 4.22. An act which disrupts the running of the Institute or environment conducive to pursuit of knowledge and harmonious relationship between different people living in the Institute Campus.
- 4.23. An act which brings the Institute (and its teachers, officers or authorities) into disrepute.
- 4.24. Refusal to give evidence or establish or reveal identity when required.
- 4.25. Proxy registering of attendance or abetting the act or registering the attendance of another student.

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- 4.26. Spreading, broking or encouraging Casteism, Regionalism, Communalism or Untouchability.
- 4.27. Refusal to accept and acknowledge, charge-sheet, orders or any other communication addressed to student(s).
- 4.28. Habitual late arrival or early departure or irregular attendance.
- 4.29. Indulging in an act of sexual harassment of girls/women within or outside the Institute.
- 4.30. Such other acts as may be notified by the authorities from time to time.

5. DISCIPLINARY ACTION:

Disciplinary action may comprise one or more of the following categories:

5.1. CATEGORY – 1

- 5.1.1. An order rustivating a student for stated period under intimation to other universities/institutions in India.
- 5.1.2. An order expelling a student from the Institute whether for all time to come or for a stated period under intimation to other universities/institutions in India.
- 5.1.3. An order suspending a student for a period exceeding 15 days whether from all activities of the Institute, Departments or Hostels or only from specified activities.
- 5.1.4. An order directing a student to pay fine exceeding Rs.1000/- (Rupees one thousand only)

EXPLANATION:-

- a) 'Rustication' means debarring the student from studying in any University or College or education institution.
- b) 'Expulsion' means debarring a student from studying in the Institution.

5.2. CATEGORY - II

- 5.2.1. An order suspending a student for a period not exceeding 15 days whether from all activities of the Institute, department or hostel or from specified activities.
- 5.2.2. An order directing a student to pay a fine up to but not exceeding Rs.1000/- (Rupees one thousand only)
- 5.2.3. An order directing entry of adverse remarks in the character role of the student.

5.3. CATEGORY - III

- 5.3.1. An order directing a student to vacate the premises and prohibiting him from re-entering the same for period not exceeding three days.
- 5.3.2. An order directing a student to cease and desist from indulging in any act of indiscipline.
- 5.3.3. An order warning a student.

6. DISCIPLINARY AUTHORITY:

The Director is empowered to take any disciplinary action against any student in respect of any act of indiscipline whether committed within the campus or elsewhere.

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Annexure 8 DECLARATION-cum-UNDERTAKING BY THE APPLICANT

I, Mr./Ms. _____,

Son/Daughter of _____, an applicant for NIPER Masters/PhD Program, Application No. _____ do hereby undertake on this day _____ month _____ year _____, the following with respect to Refund of the fellowship.

“That, in case I am selected and admitted to any NIPER and receive fellowship as a student, I hereby undertake that I shall refund the entire fellowship amount disbursed to me to the Institute immediately, in event of non completion / withdrawal from the course for which I am admitted”

Applicant

Countersigned by/Endorsement of Guardian

Signature: _____

Signature: _____

Name of Student: _____

Name of Father/Mother _____

Date: _____

Date: _____

Place: _____

Place: _____

Note: Please print this undertaking on (Rs. 50 or above) an affidavit and submit it duly notarized.

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Instructions for filling of Registration forms

1. FILLING REGISTRATION FORM ONLINE

1.1. Registration:

You must first register yourself on clicking the link (**Go to Registration/Login for NIPER Joint Entrance Examination 2020 either Master's or PhD**), by providing a valid e-mail address and mobile number. Choose the email id which you access frequently, as all communications to you from the NIPER Office will be sent to this address (DO NOT USE ANYBODY ELSE'S e-mail ADDRESS).

1.2. Data Required Before Filling Registration form Online:

Before you login to portal using Application ID and Password, keep the following information ready:

- Personal information (name, date of birth, your personal mobile number, parents name, etc.).
- Address for Communication (including PIN code)
- Eligibility degree details (Marks,College address, Postal Code)
- GPAT / GATE/NET Rank and Score
- Aadhar Number
- Account Details (Account Number, Bank Name, IFSC Code).
- Choice of examination Centre
- High quality image of your photograph as per section 2.
- Good quality image of your signature as per section 2.
- Scan copy of GPAT/GATE/NET as a PDF.
- Your Net-banking login and password to make the application fee payment via online mode. In case you are making the payment through debit card/credit card have the following information like debit card/credit card number, password, CVV number ready with you.

2. Photograph and Signature Requirements

The Online Application Processing System requires that your photograph and signature be uploaded electronically at the time of submitting your application. Uploading photograph or signature that does not meet the specifications can result in the disqualification of the application without any refund of the application/registration fee, without any intimation.

Photograph Requirements

Please pay attention to upload good quality photograph. Poor quality of the photograph submitted will lead to rejection of your application, without any refund of the application fee. The Admit card will be printed with the photograph you submit.

1. The photograph must be in color and must be taken in a professional studio. Photograph taken using a mobile phone and other self-composed portraits are NOT acceptable.

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2. The photograph must be taken in a white or a very light background.
3. The photograph must have been taken after **1st Jan 2020**.
4. In the photograph, the face should occupy about 50% of the area, and with a full-face view looking into the camera directly.
5. The main features of the face must not be covered by hair of the head, any cloth or any shadow. Forehead, eyes, nose and chin should be clearly visible.
6. If you normally wear spectacles, glare on glasses is not acceptable in your photo. Glare can be avoided with a slight downward tilt of the glasses or by removing the glasses for the photo shoot.
7. You must not wear spectacles or the glasses with dark or tinted glasses, only clear glasses are permitted.
8. Ask your photo studio to provide the image in a JPEG format and size of this photo should not be more than 300 KB.
9. For your own benefit it may be prudent not to intentionally change your facial features or hair style as in the photograph until the day of examination.

Signature Specifications:

1. Please draw a rectangular box of size 2cm x 7cm (Height x Width) on an A4 white paper.
2. Put your signature with black or dark blue ink pen on white background
3. Get the signature digitally image scanned by a professional using a scanner, and get the image cropped to the box by the professional.
4. Only JPEG image formats will be accepted.
5. Size of this signature file should not be more than 300 KB.
6. Photographs of the signatures taken using mobile phone are not acceptable, and can result in disqualification of the application without any refund of the fee.

3. Admit Card

The Admit Card can only be downloaded from the portal after logging into portal using Application ID and password.

Admit Cards will NOT be sent by post. Bring a print-out of the downloaded Admit Card to the examination Centre along with the original and valid photo identification (NO photocopy / scanned copy/ expired ID is permitted). It may be noted that candidate may carry one of the following IDs: Driving License, Passport, PAN Card, Voter ID, Aadhaar UID, College ID, Employee Identification Card, or Ration Card.

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Important Information:

For NIPER JEE 2020 – Ph.D.

Note:

- **The login to this interface is through your Application ID and password. Keep this information safe and do not disclose it to anyone.**
- **In case of any dispute arising because of any typographical mistake or otherwise, the decision of Director, NIPER-Ahmedabad will be final and binding on the candidates.**