INFORMATION BROCHURE

Academic Session: 2026-27 (January-May)

Ph.D. Programmes (Full-time/ Part-time)



पूर्वोत्तर क्षेत्रीय विज्ञान एवं प्रौद्योगिकी संस्थान

NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE & TECHNOLOGY

Deemed-to-be-University, under Section 3 of the UGC Act, 1956
Under the Ministry of Education, Govt. of India, New Delhi
Nirjuli, Arunachal Pradesh – 791109, India

Opening of the portal for submission of online application along with requisite application fees	**Tuesday, November 24, 2026**
Last date for submission of applications online with requisite application fee	**Sunday, December 06, 2026**
Date for downloading of Admit Cards	**Thursday, December 10, 2026**
Date of Written Test (Ph.D.)	**Friday, December 11, 2026**
Publication of list of eligible candidates for Ph.D. admission interview	**Friday, December 11, 2026** [List will be published on the Institute website]
Date of Interview of eligible candidates for Ph.D. admission	**Saturday, December 12, 2026** Venue: Respective Departments/Centre
Date of declaration of results	**Monday, December 14, 2026** [Results will be published on the Institute website]

1. About the Institute

The North Eastern Regional Institute of Science and Technology (NERIST) was set up by the Government of India, initially as a project of the North Eastern Council, for providing a system of education to create technical manpower at various levels for the development of the North Eastern Region of the country. The foundation stone of the Institute was laid by late Giani Zail Singh, the then President of India, on 4th March, 1984, and the first batch of students was admitted to the Base Module in August, 1986, and subsequently, to Diploma and Degree Modules. In addition to the undergraduate programmes, the Institute also offers M.Sc., M.Tech., MBA (Full-time) and Ph.D. (both Full-time and Part-time) programmes.

The Institute attained the status of a Deemed-to-be-University under section 3 of the UGC Act, 1956, vide Notification No. F.9-15/2005-U.3, Dated 31st May, 2005 by Ministry of Education (formerly, the Ministry of Human Resource Development), Government of India.

For detailed information about the Institute, please visit https://nerist.ac.in.

2. Vision and Mission of the Institute

Vision

To produce professionals with competency for pursuing excellence in Science and Technology Education, Research, and Entrepreneurship with ethical values and social sensitivity for offering specialized services to the society meeting the global requirements and standards in a multicultural environment.

Mission

I. Creating a niche in the field of science and technology education and research through an innovative modular system.
II. Producing globally competitive technical and scientific manpower in different disciplines with high ethical values, with particular reference to the North Eastern region.
III. Introducing in engineers/technologist and trainees a mind-set full of creativity to pursue excellence with focus on stakeholders, accountability, environment and people.

IV. Developing collaborations with world class R&D organizations, industries and educational institutions in India and abroad for attaining excellence in teaching, research, and consultancy practices.

3. Eligibility Criteria for Ph.D. Admission

PROGRAMME	ELIGIBILITY CRITERIA	REMARKS
Doctor of Philosophy (Ph.D.) (Full-time and Part-time/ Sponsored)	Candidates having Master's Degree in Engineering and Technology in relevant discipline or specialisation with 60% marks in aggregate or CGPA of 6.5 on 10-point scale and 55% marks in aggregate in Sciences/ Humanities and Social Sciences/ Management.	(i) Applicants, who wish to pursue Ph.D. while in employment/service, need to submit an NoC (vide **Annexure-I)** from their respective employers stating that s/he will be relieved for the study during the period of the programme, at the time of Counselling-cum-Admission. (ii) Sponsoring Certificate from the employer (vide **Annexure – II)**, stating that period of study will be treated as on-duty with usual salary/allowances and s/he will be relieved during the period of study. Other rules and regulations will be governed by the UGC/AICTE from time to time.

NOTE: A relaxation of 5% marks will be given to candidates belonging to SC/ST/PwD categories.

4. Reservation

Seats for PG programmes will be reserved for the candidates belonging to SC, ST, OBC (NCL), PwD, and EWS categories as per the extant rules of the Government of India.

5. How to Apply for Ph.D. programme

Before filling up the online application form, candidates must read the instructions given below very carefully.

5.1 Candidates must apply for admission **ONLINE** only by registering and logging on to the website **https://students.targetx.in/NERIST/login**

i. Candidates must follow the instructions as they appear in the instruction panel.

ii. Candidates can fill up the entire form in one session or enter one part of the information and save and complete the same at a later stage within the due dates of filling and submitting the form. Candidates are requested to carefully check all the data entered before final submission of the form. Any error may lead to the rejection of their application at any stage of time.

iii. **The candidates must exercise caution while filling up the fields or selecting the options from the drop-down menu**.

iv. **Candidates must upload scanned copy of the relevant documents in respect of their claim for eligibility and reservation quota (if any)**.

v. Candidates must produce mark sheets/grade cards/pass certificates on the day of counselling-cum-admission.

vi. **A non-refundable and non-transferable** application fee of **₹1500.00 (Rupees Fifteen Hundred only)** along with the bank transaction charges is **applicable** for all candidates, irrespective of their categories.

vii. **No request for any change in the application will be entertained after final submission.**

5.2 Guidelines for filling the Online Application Form

Applicants are required to keep ready the following before applying

i. An email ID for registration and for receiving all future correspondence till the admission process gets over.

ii. One active mobile number to receive SMS-based notifications/communications related to the online application, admit card etc. till the admission process gets over.

iii. Facility with internet connectivity.

iv. A good quality recent photograph with white background (**max. 500 pixel high and 400 pixel wide**).

v. A good scanned image file of your actual signature (**max. 100 pixel high X 150 pixel wide**).

vi. Scanned/ soft copy of NET/GATE/CAT/MAT/SLET/NET Lecturer Fellowship score card/ certificate. (**Less than 200 KB**)

vii. Copy of ST/SC/OBC (Non-Creamy Layer)/EWS certificate. OBC-NCL and EWS certificate should be valid for the year in which GATE was qualified (if qualified against any of these quota).

viii. All the documents should be produced in original during counselling-cum-admission.

ix. Access to an online payment facility/service such as

- Net Banking
- Credit card
- ATM-cum-Debit card
- UPI

5.3 Important Notes for all applicants

i. A printout of the submitted online application form is to be retained by the candidate. The same has to be submitted along with the self-attested copies of supporting documents and the online application fee paid receipt at the time of counselling-cum-admission, if selected.

ii. Original certificates issued by the Competent Authority supporting your filled-in details will be asked from you ONLY at the time of verification of documents/counselling-cum-admission. If the data provided in the online application are not supported by appropriate documents, then your application/claim for admission shall be summarily rejected.

Steps to be followed for filling the online application

The entire process of filling online application form can be completed using the following steps:

i. Register yourself for the online application process at https://students.targetx.in/NERIST/login

ii. First time click on "Apply Now" tab and register with your valid email address, mobile number, OTP sent to your email, program level (Doctorate), program (**carefully select the Ph.D. program you want admission to – full time/ part time)**, specialization, and set a password for logging in to your account later through https://students.targetx.in/NERIST/login. **PLEASE NOTE THAT THESE EMAIL ADDRESS AND MOBILE NUMBER WILL BE OFFICIALLY REGISTERED WITH US FOR ALL FUTURE CORRESPONDENCES TILL ADMISSION!** If you are an alum of NERIST and have registered to https://students.targetx.in/NERIST/login earlier, you may need to create a new account with different email address/ mobile number.

iii. Login to your account at https://students.targetx.in/NERIST/login.

iv. If you are using mobile phone then switch on the Desktop View mode on mobile browser.

v. On the top of the screen, your application number along with program and percentage filled up will show. Note down the application number for future reference. If you have any query, click on the "Query" icon on the left pane and write your query, post it, and wait for reply by email. If you ask questions which are already answered here, you won't receive any response.

vi. On the left panel you will see Instruction and Notification menus. Read the instructions carefully before filling up the form. And keep checking the notifications regularly for any update from us. Also visit NERIST website (https://www.nerist.ac.in) for updates. You can come back to complete your application anytime by clicking on "My Application" menu on the top panel.

vii. Next click on the PhD (FT/PT) Winter Admission 2026 menu to start filling up the form.

viii. The form has seven sections: Personal Details, Educational Details, Entrance Examination Details, Bank Details, Parents Details, Docs1, and Docs2 and Signature. Mandatory fields are marked with *.

ix. In Personal Details, upload a good quality recent photograph with white background (**max. 500 pixel high X 400 pixel wide**). This photo will be used in all official documents and identity card, if you get admitted to NERIST.

x. In Entrance Examination Details, must upload your NET/GATE/CAT/MAT/Others scorecard if you are claiming exemption from Ph.D. Entrance Examination based on that.

xi. In Parents Details, provide correct mobile number of your parents/guardians which we may use as alternate contact number in case your registered number is unreachable/unattended.

xii. In the Documents and Signature section, upload your AADHAAR card photo or PDF (**without password protection**).

xiii. In the signature field, upload a good image file of YOUR actual signature (**max. 100 pixel high X 150 pixel wide**). This signature will be used in all official documents and identity card, if you are admitted to NERIST.

xiv. Next go to Preference on the left panel and click on the branch in which you are seeking admission. To remove a branch from your preference selected by mistake, click on it again. Once correctly selected your branch preference, click "Continue".

xv. Next read and accept the declaration and Submit your form. **This step submits and locks your form and no change will be permitted after you Save the declaration.** You will have to pay a non-refundable application fee of Rs. 1,500/- from the Pay Fee menu on the left.

xvi. The application fee needs to be paid online at https://students.targetx.in/NERIST/login. We accept all forms of online payment (Credit Card/ Debit Card/ Debit Card+ATM PIN/ Net Banking/ Wallets/ Cash Cards/ UPI (for a full list of supported UPI Apps, refer

to https://www.npci.org.in/what-we-do/upi/live-members). **No cash payment will be accepted for admission to NERIST**.

xvii. Download the form and keep with you for future reference.

6. Departments/ Centre

The Institute has twelve Academic Departments and one Centre. All the Departments and centre have Ph.D. programmes

The details about each Department and Centre can be accessed through the respective URLs given below:

6.1 Departments

Sl. No.	NAME OF THE DEPARTMENT	URL OF THE DEPARTMENT
1.	Agricultural Engineering (AE)	https://nerist.ac.in/agricultural-engineering-department/
2.	Civil Engineering (CE)	https://nerist.ac.in/civil-engineering/
3.	Computer Science & Engineering (CSE)	https://nerist.ac.in/computer-science-and-engineering-department/
4.	Electronics & Communication Engineering (ECE)	https://nerist.ac.in/electronics-and-communication-engineering/
5.	Electrical Engineering (EE)	https://nerist.ac.in/electrical-engineering/
6.	Food Engineering and Technology (FET)	https://nerist.ac.in/department-of-food-engineering-and-technology/
7.	Mechanical Engineering (ME)	https://nerist.ac.in/mechanical-engineering/
8.	Forestry (FO)	https://nerist.ac.in/forestry/
9.	Chemistry (CY)	https://www.nerist.ac.in/chemistry
10.	Mathematics (MA)	https://www.nerist.ac.in/mathematics
11.	Physics (PH)	https://www.nerist.ac.in/physics
12.	Humanities & Social Sciences (HSS)	https://www.nerist.ac.in/humanities

6.2 Centre

Sl. No.	NAME OF THE CENTRE	URL OF THE DEPARTMENT
1.	Centre for Management Studies	https://nerist.ac.in/centre-for-management-studies/

6.3. Department/Centre wise number of seats available & Area(s) of research for Ph.D. admission

Name of the Department/ Centre	Name of Supervisor	Available Seats for 2026-27 (Admission in January, 2027)	Area(s) Of Research
1) Agricultural Engineering	Prof. Krishna Narayan Dewangan knd@nerist.ac.in	02	Ergonomics, Accident and injury prevention, Occupational health,

			Electronics and AI in machinery design
	Prof. Arnab Bandyopadhyay arnab@nerist.ac.in	02	Hydroinformatics, AI/ML Applications in Water Resources, Climate Change vulnerability and impact studies
	Prof. Pankaj Kumar Pandey pkp@nerist.ac.in	02	Hydrological modelling; Remote sensing application in water resources Engg; climate change; Ground water surface water interaction
	Prof. T. Patel tp@nerist.ac.in	01	Agricultural Ergonomics, Digital Human Modelling, Design Optimization, Farm Tools and Equipment Design, Renewable Sources of Energy
	Dr. Tage Tapang tt@nerist.ac.in	03	Farm Machinery & Power
	Dr. Anubhab Pal anp@nerist.ac.in	01	Ergonomics/Anthropometry, Farm Machinery and Power, AI in Agriculture
	Dr. Vanita Pandey vp@nerist.ac.in	02	Hydrological modelling; Remote sensing application in water resources Engg, climate change and extreme events analysis.
Total Seats		**13**	
2) Civil Engineering	Prof. S. Baishya sb@nerist.ac.in	01	Geotechnical Engineering
	Prof. S. Mishra sudisht_mishra@nerist.ac.in	01	Sustainable Concrete
	Prof. Ajay Bharti abt@nerist.ac.in	03	Environmental Engineering, Water Resources Engineering
	Prof. Dipika Devi dd@nerist.ac.in	01	Geotechnical Engineering
	Dr. Mudo Puming mp@nerist.ac.in	02	Environmental Engineering, Geo Environmental Engineering
	Dr. Dibyendu Pal dpl@nerist.ac.in	01	Traffic Engineering
	Dr. Ajanta Kalita ajanta@nerist.ac.in	01	Geotechnical Engineering
	Dr. N. G. Sorum sng@nerist.ac.in	01	Traffic Engineering

	Dr. Yamem Tamut ymt@nerist.ac.in	01	Pavement Materials
	Dr. J. S. Khichad jsk@nerist.ac.in	02	Concrete Pavements, Innovative Construction Materials
	Dr. Tori Basar trb@nerist.ac.in	01	Structural Engineering
	Total Seats	**15**	
3) Computer Science and Engineering	Ningrinla Marchang nm@nerist.ac.in	07	Distributed Learning, Federated Learning, Graph Neural Networks, Network Security.
	Moirangthem Marjit Singh mjs@nerist.ac.in	07	MANet,WSN, Network Security &Reliability, ML/DL, Image classification.
	Margaret Kathing mk@nerist.ac.in	03	Computer Vision and Pattern Recognition, Data Mining, Biomedical Imaging, Machine Learning, Deep learning.
	Yogendra Mohan ymo@nerist.ac.in	01	Wireless Sensor Networks.
	Monjul Saikia msk@nerist.ac.in	04	Information Security, Information and Communication Technology, Signal Processing, Image and Video Processing, Computer Vision, Network Security, Cyber Security, Quantum Computing, Cloud Computing, Cryptography, Wireless Sensor Networks.
	Dr. Amar Taggu atg@nerist.ac.in	04	Cognitive Radio Networks Mobile Ad-Hoc Networks Network Security Machine Learning
	Pradeep Kamboj pko@nerist.ac.in	03	NLP, Fairness in LLMs.
	Lilapati Waikhom lpw@nerist.ac.in	03	Graph Neural Network
	Satya Jyoti Borah sjb@nerist.ac.in	06	Wireless Network, MANET, Opportunistic Network.
	Kaushik Ray kry@nerist.ac.in	03	Wireless Sensor Networks, Industrial IoT, Human Activity Recognition.

	Manoj Das mnd@nerist.ac.in	3.5*	D2D & M2M Communications, 5G (Cellular Networks), Network Slicing, SDN-NFV, Cognitive Radio Networks, Ad-Hoc Networks
	Total Seats	**44.5**	
4) Electronics Communication & Engineering	Dr. Kurmendra krm@nerist.ac.in	02	MEMS, MOEMS, Semiconductor Devices, Artificial Intelligence and Machine Learning
	Pranab Kishore Dutta pkda@nerist.ac.in	06	Semiconductor Devices, VLSI circuits, Biosensors.
	Ram Gopal rgp@nerist.ac.in	01	High Power Microwave Devices, Free Electron Lasers, Antennas, Semiconductor device with design, development and modelling and IoT.
	Dr. Chitranjan Kumar Rai ckr@nerist.ac.in	3.5*	Image Processing, Artificial Intelligence, Computer Vision, Deep Learning, Machine Learning
	Dr. Joyatri Bora Hazarika jb@nerist.ac.in	06	AI in Wireless Communication, 5G/6G, Massive MIMO, Bio-Electronics, IoT
	Dr. Rajesh Kumar rk@nerist.ac.in	06	Communication System, Sensor and Circuits
	Dr. Madhusudhan Mishra mma@nerist.ac.in	04	Biomedical Signal and Image Processing
	Dr. Ashok Kumar Ray akr@nerist.ac.in	03	Semiconductor device, design, development and modelling. Emerging MOS Transistors, Wide band gap devices, Biosensors, VLSI Technology
	Dr. Rajib Sharma rsm@nerist.ac.in	03	Signal Processing, Speech Processing, Machine Learning and Artificial Intelligence
	Dr. Anil Kumar Gautam akg@nerist.ac.in	03	Low-Voltage Low-Power CMOS Analog Circuit Design
	Total Seats	**38**	

5) Electrical Engineering	Dr. S. Gao sg@nerist.ac.in	07	Power System, Machine and Drives, Renewable Energy Sources
	Dr. A. Parida ap@nerist.ac.in	05	Speed Sensor less Control of Doubly Fed Induction Generator, Wind- Solar PV hybrid Generation, Electrical Drives and Energy Management. Smart Grids and Distributed Generation.
	Dr. D. Potnuru dpn@nerist.ac.in	06	Power Electronics and Drives, Electric Vehicles and Battery Charging
	Dr. M.D. Singh mds@nerist.ac.in	4.5*	Power Electronics and Drives, Power System, Control and Instrumentation
	Dr. Anu Kumar Das akd@nerist.ac.in	3.5*	High Voltage Engineering
	Dr. Bijoy Krishna Mukherjee bkm@nerist.ac.in	05	Control Systems, Signal Processing, Flight Dynamics
	Dr. N. L. Meitei nlm@nerist.ac.in	03	DSM Technology, Energy Management, Renewable Energy, Measurement & Instrumentation.
	Dr. Akhilesh Sharma as@nerist.ac.in	2.5*	Power Electronics, Drives, Control System
	Dr. Piyali Das pd@nerist.ac.in	1.5*	Control & Instrumentation, Soft Computing, Illumination Engineering
	Dr. P. Devachandra Singh pds@nerist.ac.in	03	Hybrid Renewable Energy System including Solar PV, Wind, Micro Hydro Power systems, etc., Distributed Energy Resources, Microgrid System, Smart Grid and V2G/G2V related studies and Soft computing and AI applications in Power System Studies
	Total Seats	**41**	
6) Food Engineering Technology	Dr. Arun Kumar Choudhary akc@nerist.ac.in	01	IoT in Food Processing, Thermal and Non-Thermal Food Processing, Novel Drying Technologies, Solar Greenhouse Drying, Smart and Edible Food Packaging, Modelling and Simulation, Product Development, 3D
	Dr. Dhiraj Kumar Yadav dky@nerist.ac.in	02	
	Dr. Nilesh Sakre nls@nerist.ac.in	02	

			Food Printing, Waste Utilization, Process Optimization, Cereal and Legume Processing, Fruits and Vegetable Processing, Functional food
	Total Seats	**05**	
7) Mechanical Engineering	Dr. Sutanu Samanta ssa@nerist.ac.in	06	Ultrasonic NDT, Composite materials and non-conventional machining
	Dr. Asis Giri ag@nerist.ac.in	08	Fluid Mechanics and Heat Transfer
	Dr. Muthumari Chandrasekaran mc@nerist.ac.in	07	Conventional Machining, EDM/WEDM, Modeling and Optimization, Composite materials, Automated Manufacturing, FMS,
	Dr. Sachindra Mahto smh@nerist.ac.in	08	Mechanical Vibration, Robotics, Structural Optimization and CAD
	Dr. Satyam Shivam Gautam ssg@nerist.ac.in	07	Machine Design, Tribology of Bearings, Materials
	Dr. Sandeep Singh sandeep@nerist.ac.in	08	Tribology, Mechanical Vibrations, Rotordynamics, Signal Processing and Identification
	Dr. Kajal Kumar Mandal kkm@nerist.ac.in	05	Production Engineering
	Dr. Narendra Kumar Rana nkr@nerist.ac.in	06	Coating and Tribology
	Dr. Maryom Dabi md@nerist.ac.in	05	Bioenergy studies, IC Engines
	Dr. Nabam Teyi nbt@nerist.ac.in	05	Computer Integrated Manufacturing & Automation, Design and Rotordynamics.
	Dr. Santosh Kumar Tamang skt@nerist.ac.in	01	Optimization and Soft Computing Techniques, FEA, Composite Materials, ML and AI and Molecular Dynamics.
	Dr. Md. S. Mujaheed Khan msmk@nerist.ac.in	03	IC Engines, Alternative fuels, Renewable Energy, Heat Transfer
	Dr. Yadaiah Nirsanametla ny@nerist.ac.in	02	Computational Models for Manufacturing Processes; Additive Manufacturing; Industry 4.0;

	Dr. Sanjib Kalita sjk@nerist.ac.in	02	Heat Transfer, Multi Phase flow, Electric Vehicle Battery Cooling, Renewable Energy
	Dr. Jyotisman Borah jmb@nerist.ac.in	03	Additive Manufacturing, Metal Cutting, Machine Learning based Regression, Optimization
	Dr. Sohini Chowdhury scd@nerist.ac.in	03	Laser-based additive manufacturing (AM) processes, AI/ML Techniques for Manufacturing Processes, Industry4.0, Digital Manufacturing
	Dr. Nitish Kumar ntk@nerist.ac.in	02	Aerodynamics Design of UAV, Thinn film coatings, Hydrophobic surface, Design of Heat Exchanger, Refrigeration and Air conditioning,
	Total Seats	**81**	
8) Forestry	Prof. P.R. Gajurel	01	Taxonomy
	Dr. G. Pangging	01	Agroforestry, Natural Resource Management and Ethnobotany
	Total Seats	**02**	
9) Mathematics	M.M. Dixit mmd@nerist.ac.in	01	Wavelet Transform
	Upasana Gogoi upa@nerist.ac.in	01	Sampling Technique
	Amit Patra amp@nerist.ac.in	02	Commutative Algebra
	Pranjal Vishwarkama pvk@nerist.ac.in	02	Number Theory
	Neelabja Chatterjee nlc@nerist.ac.in	02	Numerical PDE / Numerical Methods for PDEs
	Biswajit Pandit bpt@nerist.ac.in	01	Singular Boundary Value Problem; ODE; Numerical Analysis; Integral Equations; Fractional ODE & PDE;
	Shekhar Singh Negi ssn@nerist.ac.in	02	Differential Equation and non-additive measure Theory

Total Seats		**11**	
10) Physics	Prof. Mukesh Upadhyay mu@nerist.ac.in	01	Condensed Matter Physics, Electronics
	Prof. Rajesh Kumar Yadav rky@nerist.ac.in	01	Condensed Matter Physics (Theory)
	Dr. Pawan Chetri pcr@nerist.ac.in	01	Condensed Matter Physics; Energy and Magnetic Nanomaterials; Experimental and DFT based Studies.
	Dr. Akbari Jahan aj@nerist.ac.in	02	Theoretical High Energy Physics.
	Dr. W. Joychandra Singh wjs@nerist.ac.in	01	Experimental Condensed Matter Physics, Hybrid Nanocomposites Material, Green Energy, Plasma-Liquid Interaction.
	Dr. Mihir Paul mpl@nerist.ac.in	02	Condensed Matter Physics, Superwettable Surfaces and Membranes for oily wastewater treatment, Self-cleaning surfaces, Surface engineering and wettability modulation.
	Dr. Raju Kumar Biswas rkb@nerist.ac.in	01	Condensed Matter Theory, AI based Quantum Materials Simulation, Machine Learning and Quantum Computing.
Total Seats		**09**	

*Shared with a co-supervisor

7. Selection Procedure

Institute shall admit Ph.D. students through an Entrance Test. The selection procedure is as follows:

1) A GATE/NET qualified applicant in the relevant discipline/specialisation will be exempted from the Written Test for admission in Ph.D. However, s/he has to mandatorily appear in the interview conducted by the respective Department/Centre.

2) The written test shall be conducted for all those candidates who are not exempted from the same.

3) There will be a single question paper for each Department/Centre with 100 multiple-choice questions of one mark each. **The question paper will be divided into two sections (Section-A and Section-B) of 50 marks each. Section-A will comprise of questions from Research Methodology whereas Section-B will comprise of questions from the subjects of the respective Department/Centre.** For the syllabi of the written test, please refer to **Annexure – III.**

4) The cut-off to qualify the written test will be 50% of the total marks. A relaxation of 5% marks will be allowed in the entrance examination for the candidates belonging to SC/ST/OBC (NCL)/PwD/EWS categories.

5) **Selection will be based on the total marks with a weightage of 70% for the written test and 30% for the performance in the interview.**

6) Interview will be conducted by the respective Department/Centre considering the following aspects:

   a) The candidate possesses the competence for the proposed research work.

   b) The proposed research area can be undertaken in the institute.

   c) The proposed research can contribute to new/additional knowledge.

Candidates are required to download the Admit Card from the website and no separate letter will be sent for the written test and interview.

The list of the selected candidates will be displayed on the Institute website **https://nerist.ac.in**.

Any telephonic query in this regard may be made at the following numbers of NERIST EPABX: (0360) 2257401 to 8 Extn:6008;

8. Admission Procedure for Ph.D.

i. The selected and waitlisted candidates will be required to report to the Academic Section of the Institute on the specified date for counselling-cum-admission and registration.

ii. The dates and time of **counselling-cum-admission and course registration of selected and waitlisted candidates shall be notified in due course of time.**

iii. Candidates must produce the relevant certificates and mark sheets of all examinations in original for verification at the time of counselling-cum-admission.

iv. Admission will be allowed subject to production of medical fitness certificate and verification of all certificates and mark sheets.

v. If the result of the qualifying examination of the selected candidate has not been declared by the time of admission, s/he may be allowed for provisional admission, provided that the candidate submits examination completion certificate from the Principal/Head of the Institution and admit card of the said examination.

vi. A candidate has to give an undertaking in the prescribed format for submission of the requisite documents by **March 01, 2027** failing which his/her registration will be cancelled.

Important Note: Any deviation from the stated documentary proof for the chosen reservation quota mentioned in his/her application shall lead to rejection of his/her candidature. Proof of eligibility against a reservation quota, other than All India General category candidates, must be produced at the time of counselling/admission.

9. Fee Structure

Please refer to the Institute web site, **https://nerist.ac.in** for detailed fee structure.

10. Anti-Ragging Undertaking mandatory for all students

Ragging is banned in the Institute. Anyone, who is found indulging in ragging, directly or indirectly, during the entire period of his/her study, will be punished as per the Institute rules.

Further, students must fill the Anti-ragging Undertaking on either of the following websites **www.amanmovement.org** or **www.antiragging.in** and the **hard copy of the Undertaking, as received by email, should be submitted to the Institute at the time of admission and also at the time of semester registration.**

11. Scholarship for Ph.D. students

The Institute provides fellowships to all full-time Ph.D. scholars. The scholars wishing to apply for other fellowships, including NFST, INSPIRE, UGC-NET JRF, CSIR-NET JRF, based on their eligibility are also allowed to do so.

12. Leave for Ph.D. (Full Time)

Grant of leave during the Ph.D. programme is subject to the provisions of the Academic Bye-Laws (Ph.D. Programmes) and other regulations as amended from time to time.

13. Hostel facility

Hostel accommodation will be provided to Ph.D. Programmes (FT) students subject to the availability of seats.

14. Ban on Picnic

The Institute strictly prohibits all student-organised picnics, particularly at riverside locations, to ensure their safety, security, and overall well-being. All students are required to strictly adhere to this institutional policy.

Annexure - I

Format of No-Objection Certificate for Ph.D. (Full Time/Part time) program for employed persons
(This should be typed on the letter head of the sponsoring organization)

Reference No. _____
Date: _____

To

The Director
NERIST
Nirjuli – 791 109
Arunachal Pradesh

Sub: No objection certificate

Sir/Madam,

It is hereby certified that Mr./Ms._____ has been working in this organization as _____.

This organization has no objection to his/her being admitted to the Ph.D. programme at NERIST, Nirjuli, from the session starting from _____ as a Full Time/Part Time student.

Date:
Place:

Signature:
Name:
Designation:

Seal and Signature of sponsoring authority.

Annexure - II

Format of Sponsorship Certificate for Ph.D. program for employed persons
(This should be typed on the letter head of the sponsoring organization)

Reference No. _____
Date: _____

To

The Director
NERIST
Nirjuli – 791 109
Arunachal Pradesh

Sub: Sponsorship Certificate.

Sir/Madam,

Mr./Ms. _____ who has been working in this organization as _____is hereby sponsored for admission into the Ph.D. programme at NERIST, from the session starting on _____ as a full time student.

The employee will be relieved from his/her duties in the organization to join the Ph.D. programme of NERIST.

Date: Signature:
Place: Name:
Designation:

Seal and Signature of sponsoring authority.

Annexure - III

SYLLABI FOR Ph.D. ENRANCE TEST

SECTION A: RESEARCH METHODOLOGY *(For all subjects under Science/Engineering/Humanities/Social Sciences/Management)*	
Unit-I	Research problem; Research objectives; Research methods, Types of research: Descriptive, Analytical, Applied, Fundamental, Quantitative, Qualitative, Conceptual and Empirical.
Unit-II	Literature review: primary, secondary, e-resources, database sources; Formulation of Hypotheses; Defining and formulating the research problems.
Unit-III	Research design and methods: Randomize block design, Complete randomize design and Latin squire design; Developing a research plan; Determining experimental and sample designs; Sampling error.
Unit-IV	Data Collection and analysis; Data Analysis with Statistical Packages - Hypothesis-testing - Generalization and Interpretation; Computer Processing.
Unit-V	Statistical Analysis: Introduction to Statistics – Probability Theories – Conditional Probability, Poisson Distribution, Binomial Distribution and Properties of Normal Distributions – Hypothesis Tests – One Sample Test – Two Sample Tests/Chi-Square Test, Association of Attributes - Standard Deviation – Co-Efficient of Variations. Statistical Applications – Correlation and Regression Analysis – Analysis of Variance – Partial and Multiple Correlation.
Unit-VI	Reporting and thesis writing; Types of report; Report writing; Bibliography; Referencing; Presentation; Importance of effective communication; Copy right; Intellectual Property Right and Patent Law; Plagiarism.
SECTION B: (Syllabus of National Level Tests like GATE/NET/CAT/MAT etc. for their respective branch subjects)	



NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE & TECHNOLOGY

Deemed-to-be-University, under Section 3 of the UGC Act, 1956

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