



# NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY

( DEEMED UNIVERSITY, UNDER SECTION 3 OF THE UGC ACT,1956 )

UNDER MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVT. OF INDIA, NEW DELHI  
NIRJULI- 791109, ARUNACHAL PRADESH



PLACEMENT  
BROCHURE 2014-2015

## FROM THE DIRECTOR'S DESK



At the outset, let me extend my warm greetings and an invitation to you, to visit our Institute, perched in pristine surroundings of Arunachal Pradesh.

North Eastern Regional Institute of Science and Technology (NERIST) established in the year 1986 obtained Deemed University status in 2005. Functioning under the aegis of the MHRD, Govt. of India, it is one of the few premier institutions in the country, to cater to the specific HR Development needs of the North Eastern Region of the country.

NERIST, a pioneer in unique modular pattern of professional education in the country, is presently offering UG and PG programmes in technology (B. Tech./M.Tech./PhD) in the areas of Agriculture Engineering, Civil Engineering, Computer Science, Electrical Engineering, Electronics & Communication Engineering and Mechanical Engineering. It also offers UG and PG programmes (B.Sc. /M. Sc./PhD) in Forestry and PG programmes (M. Sc./PhD) in Physics, Chemistry and Mathematics. The Institute has MBA, programme and PhD programmes in Humanities, A Social Sciences and Management Science.

Our students have done well in competitive examinations such as GATE, CAT, XMAT, GRE and GMAT at the national/ international level and are pursuing higher studies in premier institutions including IITs, IIMs and in reputed international universities like LSE and MIT.

This institute has 90% students' intake from the eight states of the North Eastern (NE) region of the country, catering to the man power requirement of the NE states at various levels.

It is a privilege for us to invite you for holding in-campus interviews at NERIST for extending employment opportunities to graduate and post-graduate engineers, graduate and post-graduate students from the area of applied and management sciences in your organization.

I am sure that our graduates and post graduates would live up to your expectations and through them you would have a strong tie-up with the NE states and contribute its growth - a need spelt out as priority by the union Government.

The Institute, with its Deemed University status, imparts quality education to the students and has become an acclaimed centre of excellence in Engineering, Applied and Social Science and Management in the country.

Over the years, it has been producing qualified graduates, post graduates who are contributing not only in the development of the region but also of other parts of the country and across the globe. I thank the faculty, alumni and students of NERIST for their continuous support and relentless hard work and perseverance to this end.

I congratulate the Training and Placement Cell of the institute for their synergistic efforts and successful release of this brochure.

PROF. DIPANKAR PAL

It is my privilege to invite you to North Eastern Regional Institute of Science & Technology for campus recruitment of our students. NERIST has a track record of outstanding performances of its graduates in different spheres. In a world where technology is changing very fast, it is indeed a challenging task to cater to the needs of the industry for proficient manpower. I am privileged to say that we have been meeting this challenge successfully. Our students are guided and trained by a highly qualified and experienced faculty through a constantly updated curriculum to meet the fast changing needs of the industry.



Our laboratories are well equipped with modern, sophisticated instruments and machinery. The alumni of this institution are occupying key positions in many private and public sector undertakings in India and abroad and brought laurels to the Institute. I understand some of our alumni might be in the elite management cadre of your renowned company as well.

It is with this background that we are extending an invitation to hold campus recruitment of final year students. We would be glad to provide you with any further information and assistance in this regard.

In-charge (T&P)

**N**orth Eastern Regional Institute of Science and Technology (NERIST) is one of the leading Institutes of Science and Technology in the state of Arunachal that has been producing a plethora of proficient manpower not just to the north-eastern region, but to the country as well. Renowned for quality education it imparts, the Institute provides opportunities to sea of students by helping them acquire a University certification, gainful employment and career progression. This science and technology oriented educational Institute features unconventional and innovative academic programmes, augmented by ample and updated facilities.



## ABOUT US

**N**ERIST, with its Deemed University status, emphasizes on the integration of both empirical and theoretical aspects of learning, aspires to produce skilled manpower with outstanding communication, technological and managerial skills. Enhanced with cutting-edge academic facilities, and tutored by highly qualified lecturers among whom are industry practitioners, NERIST strives to ensure high quality education in areas of Engineering, Science, Forestry, Humanities, Social Sciences, Management Science. Guided by the University's pragmatic UG & PG Programmes, NERIST is striving to ensure that each student is thoroughly equipped and empowered to meet future challenges.

**T**he education that NERIST provides is pragmatically balanced; students find their minds braced, their practical skills honed and their social interaction abilities enhanced. They are well imbued with high moral and intellectual values to help actualize the growing demands of the economy. Moreover, the concepts taught in the classrooms are informed by a remarkable roster of world-class researches on various emerging areas in science and technology. Every year, this powerful combination of discovery, opportunity and community, results in graduation of NERISTs' students who are well equipped with the competencies and confidence to apply their talents and passion for business on prospective companies' behalf.

## OUR FACULTY



## OUR LOCATION

Our Institute stands tall as its faculty members are among one of the best in the country. We are blessed with erudite & motivated instructors coming from some of the premier institutes of the country. Their work has been on the cutting edge of education, research and practice. The faculty members associate with students to create a closely-knit community and they work as a team providing generic and subject specific outreach at all stages of the student journey, both on and off campus. They seek to create a supportive yet challenging culture of enquiry and discovery with strong cross-disciplinary anchoring that builds skill, fosters perspective and develops sensitivity towards scientific & technological issues.

Our faculty comprises of academicians and field practitioners educated from some of the esteemed Institutes like IIT, IISc, Central Universities, NITs and other similar educational establishments from across the country. They are distinguished by their research papers published in both national & international journals of repute and some being awardees for their outstanding contributions in research and academics. Besides, most of them are engaged in their individual research projects funded by CSIR, DST, DoE, UGC, AICTE, ICAR, DBT, DIT, TERI, IIRS, UNDP, ISRO, NBHM, MoEF, etc. It's worth a mention that many of them have also gone abroad for various prestigious fellowship programmes viz. BOYSCAST Fellowship, INSA Nehru Centenary Fellowship, SERC Fellowship, etc. It is these relentless efforts, expertise and experience that goes on to make our faculty an epitome of educational standards translating into an enriching blend of theory and practice that informs the curriculum, learning process, fieldwork and institutional design at all levels. And by constant dialogue with the faculty, our students are encouraged to gain a deeper perspective of the practical implications of their educational understanding gained through the various study Programmes.

Our Faculty is persistently contributing to the realization of knowledge and thus, carving a better world and a better future.

NERIST is situated at Nirjuli in the Papum Pare district of Arunachal Pradesh, the foothills of the Eastern Himalayas. It is 19 km from Itanagar, the capital of Arunachal Pradesh, on National Highway 52A between Banderdewa and Itanagar. It is about 390 kms from Guwahati (Assam) and 10 kms from Banderdewa, the entry gate to the capital complex, Itanagar (Arunachal Pradesh). From the Institute, the capital town, Itanagar is about 20 kms onward.

## OUR MOTTO

## "GROWTH WITH QUALITY"

*NERIST has been marching forward in its endeavor to disseminate quality education, maximize efficiencies & opportunities hence, generating workforce par excellence.*

The strength and excellence of NERIST stems from its rich history. NERIST was established in 1984 and has been providing quality education and excellent professional services in various fields of Science, Technology & Management.

The Government of India established NERIST as an endeavor to encourage a policy of vocationalisation at the 10+2 stage and motivate students to pursue studies at the degree level. The foundation stone of the Institute was laid on 4th March 1984 by the former President of India, Late Giani Zail Singh.



## OUR HISTORY

Academic Programmes in the Institute started in August 1986 with the first batch of students admitted to its Base Module. The first Convocation of the Institute, marking the Silver Jubilee celebration of the establishment of the Institute, was held on 1st April 2009 in the presence of the then President of India, Pratibha Patil. NERIST got the status of a Deemed University on 31st May 2005 under section 3 of the UGC Act 1956. Initially set up 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, today NERIST exalts as a centrally funded, autonomous deemed university providing a pool of competent human resources to the nation in general.

It is governed by the Board of Management (BoM) comprising the representatives of the MHRD, Govt. of India, the eight beneficiary States of the North-East, AICTE and renowned educationists.

Till July 2013, twenty-two batches of graduates with specialization in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical Engineering, Mechanical Engineering and Forestry, have passed out and a lot have been placed in various reputed organizations at national and international levels.

## ABOUT OUR ALUMNI

NERIST enjoys an exemplary track record of providing creative and hard-working pool of minds. The graduates & post graduates of our Institute are undoubtedly ready for the rigorous course work required to succeed in today's competitive, high-tech job market. In the past 21 years, NERIST has triumphantly attracted many of the brightest minds in India. Today, the collective accomplishments of our extremely successful alumni are emphatically responsible for the ever-growing tradition and reputation of NERIST as one of the best Education & Research Institutions in the state and country. The positions offered to the pass-outs of NERIST by the leading global giants stand as a testimony to prove the mettle of our students and also add value to the quality of education offered by NERIST.

The edifice of NERIST stands on strong foundations of exemplary faculty, global alumni and talented students. Each individual associated with NERIST has contributed to its academic spirit, cultural diversity and the reputation of professional.

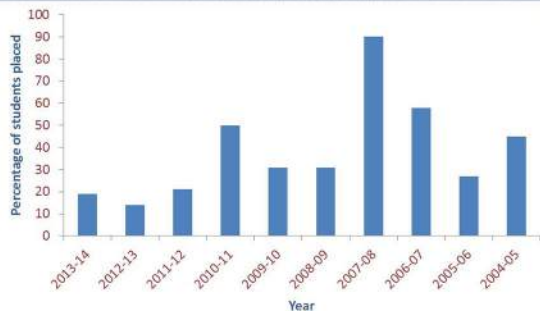
The growing significance of our alumni is exemplified by the trust and confidence displayed by our past recruiters. The Institute has indeed grown to be one of the trusted names in the Industry for delivering quality engineers, managers and researchers.

Some of the well placed NERIST alumni spread across various batches and across the globe are at the following roles and companies : Managing Director, Goldman Sachs, CIO and India Head of Global Business Services(IT), Novartis Vice President, Citigroup Principal and Founder/Co Founder, Zaloni President & CEO, IndePay Networks Technical Director, NIC Director SW Development, PayPal Managing Director - Technology - Delivery Enablement and Client Delivery, Accenture Director - Global Sales and Marketing, Danaher These apart, some of the other companies/organizations of repute which have our alumni presence include HCL, Philips, Indian Oil, ONGC, Oracle, Infosys, Cognizant, TCS, Wipro, Cisco, Airtel, Ericsson, Siemens, Deloitte, Reliance, GMR Group, Hewlett Packard, BHEL, Bank Of America , NIC, Indian Railways, Indian Army, Indian Navy, Indian Air Force, Dept of Forests. Important roles represented by the alumni also include 'Principal IT advisor to Chief Minister', Lecturers/Professors in leading Universities in India and abroad.

# OUR PLACEMENTS

## STATISTICS (2004-2005 TO 2013-2014)

Year	No. of eligible students opted for placement	No. of students placed	Percentage
2013-14	120	23	19
2012-13	115	16	14
2011-12	110	23	21
2010-11	120	60	50
2009-10	116	36	31
2008-09	114	35	31
2007-08	137	123	90
2006-07	125	72	58
2005-06	118	32	27
2004-05	109	49	45



The incessantly growing number of our students being recruited year after year corroborates our successful honing endeavors. Students who've graduated from NERIST have gone on to work for companies across the country in careers that build India.

## OUR PAST RECRUITERS





Since its inception in 1991, the Training and Placement (T&P) Cell of NERIST, has been bridging the gap between Industries and Academe. Guided by dedicated and efficient support team of administration, the T & P Cell works with potential employers from different sectors to understand their recruitment necessities, analyze them and generates opportunities for students in consonance with their knowledge and skills, both through campus and off-campus placements. Placement support is provided to all students for career opportunities in industries, firms and multi-lateral arenas.

The T&P Cell corresponds with the prospective recruiters, arranges Pre-placement talks and workshops and provides all the facilities required by the companies. Besides, the Cell endows its students with hands-on opportunities, necessary training, placement and career development prospects, simultaneously conducting Industry-Institute interactions, Public relations and awareness programmes, Entrepreneurship Development Programmes and Student Career Counseling.

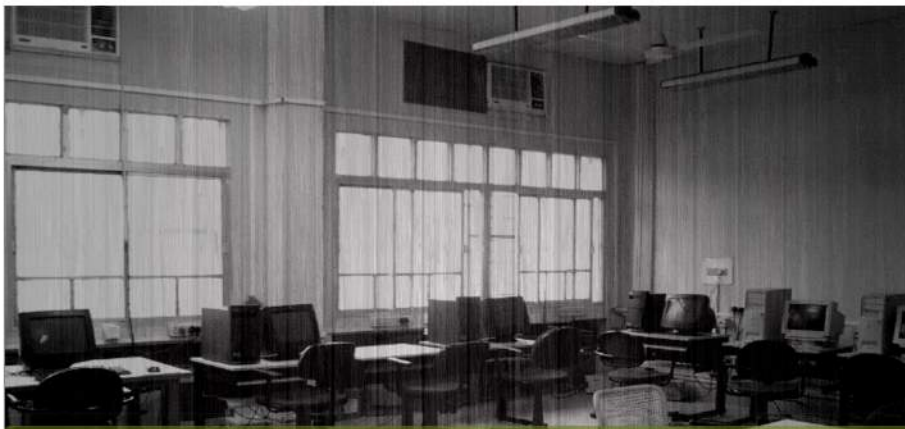
It organizes Industrial Training programmes for the students for a period of 30-45 days at the end of the pre-final year during summer vacation. This invaluable experiential learning is just one reason that our students are some of the Nation's most sought after, as indicated by our impressive employment rates.



## TRAINING PLACEMENT

Our prior trainings have been conducted in reputed organizations like IOC, OIL Ashok Leyland, ONGC, Gammon India Ltd, HPC, NIC, DRDO, NESAC, Power Grid Corporation of India Ltd., NBCC, L&T, CPWD, CIAE, ICAR, Mother Dairy, RFRI, NEIST, Stock Holding Corporation of India, NEDFI, HCL, NRFMTTI Hissar, CIAE Bhopal, ICR Research Complex for NEH Region Meghalaya, IWST Bangalore, WTI Guwahati and W/WF, etc.

Some of the prominent organizations that conducted campus interviews in the Institute recently include KSK Energy Ventures Limited, Reliance Power Ltd., Gammon India Ltd, SONY, SYNTEL, HCL, SmarTek, WIPRO BPO, Mountain Fall India, Oil India, PRADAN, YES Bank, Jindal Steel and Power, Samsung Electronics, SRIJAN, Microsoft, Huawei Technologies, Indian Air Force, etc.



## Infrastructure & FACILITIES

Spread across a sprawling 513 acres of luscious green land, the Institute is well equipped with the best of breed infrastructure that provides an excellent milieu to the students and scholars towards pursuing their academic education and research. The campus is characterized by aesthetically pleasing and conducive ambience which have fostered generations of students to strive for brilliance. The entire campus is connected by a state-of-the-art network and hosts the following facilities:-

## ADVANCED CENTRAL COMPUTING FACILITY (ACCF)

ACCF was established in 1996 with the objectives of promoting research by faculty members and encouraging advanced computer studies by students.

## EDUCATIONAL TECHNOLOGY (ET) CELL

The ET cell was established as a project sponsored by the MHRD, Govt. of India with an objective to increase the effectiveness of teaching-learning process with the help of modern audio-visual equipment. Today, the cell consists of processing laboratory, seminar room, and board room that are well equipped with the state of art audio-visual equipment. These equipments are used for Seminars, Conferences, Workshops and special lectures by faculty members and professionals from institutions and industries.

## INSTITUTE LIBRARY

With a collection of over 53,000 text books and reference books in its Central library and over 35,000 books in its Book Bank, the Institute subscribes 145 national journals. It also subscribes 10 magazines and 12 national and regional dailies to provide a base for enhanced learning. The library is also a member of MHRD IND-EST Consortium, Govt. of India that offers access to 09 international e-resources. Besides this, it also subscribes JSTOR e-resources for the users of the Institute. Being an Institutional member of Indian Liquid Crystal Society, Bangalore and Kaziranga Wild Life Society of Assam, it receives literature and information services from them.

## STUDENTS' ACCOMODATION

While exploring the vibrant student community life, NERIST also provides on-campus accommodations. Currently, it has the strength of about 1484 students. It is fully residential to accommodate the students in its 8 hostel blocks, which include four double storied, and four single storied hostels. Amongst the four double storied hostels, one is exclusively for girl students.

## STUDENT GYMKHANA

Students' Gymkhana is the center of co-curricular activities for the students of the Institute. It provides the students with facilities for their all round development in the field of sports, cultural activities, hobbies and creativity. The institute has one multi-gym, one indoor badminton court, three basketball courts and a playground.

## DEPARTMENTAL LABORATORIES

Our wide ranges of Academic and Professional courses are conducted in contemporary laboratories and workshops, equipped with the latest technology and equipment to enhance learning experience. Our laboratories feature well equipped modern, sophisticated instruments and machineries.

NERIST welcomes you to recruit the best and the brightest from our talent pool. Here, you can recruit top talent, leverage our extensive programs, draw upon our faculty expertise, enhance your diversity initiatives, and engage the best and the brightest through our enterprises. Our resources are your company's advantage.

At NERIST we make sure that our Guest Recruiters have all their quintessential facilities & amenities at their disposal to help them out carry out their recruiting process with ease and comfort.



## FACILITIES FOR RECRUITERS



We provide them with the following conveniences:

- 🐾 Seminar room for conducting placement talks
- 🐾 Facilities to conduct pool interviews
- 🐾 Arrangement for presentation
- 🐾 Examination room for conducting written and analytical test
- 🐾 Group Discussion and Personal Interview room
- 🐾 Arrangements for stay in the Guest House
- 🐾 Local transport facility in the campus
- 🐾 State-of-the art infrastructure to conduct video or web mediated interviews

DEPARTMENT OF

# AGRICULTURAL ENGINEERING

## HIGHLIGHTS

- Faculties with high academic qualifications in specialized field from best institutions.
- Faculties have good track record of publishing papers, reports, books.
- Faculties developed high credibility among various sponsoring agencies in terms of getting research grants and consultancies.
- Well-equipped laboratories namely farm machinery, farm power, soil and water conservation, irrigation and drainage, post-harvest, food processing, and computational facility with high speed internet connections and specialized softwares.
- Good track record of students to crack GATE/CAT/MAT etc.
- Students get chance in government, semi-government, NGO, tea estates, banks, irrigation equipment companies, tractor and farm machinery industry, food processing industry, and teaching and research organizations.

Agricultural Engineering is the application of engineering principles in agriculture. It deals with the use of engineering tools and practices to solve crop production, handling, & processing problems for food & fibre along the production to consumption chain. It includes the application of scientific knowledge in diverse & multidisciplinary activities for the overall development of the nation & farming community under protective environment. Agricultural Engineering is an interdisciplinary programme, comprising of specializations like Farm Machinery & Power, Soil & Water Engineering, Irrigation & Drainage Engineering, Dairy & Food Engineering, Post-Harvest Technology, Non-Conventional Energy Sources, & Agricultural Sciences. This also includes all the basic engineering courses such as drawing, workshop, mechanics, strength of materials, machine design, electronics, instrumentation, computer programming, etc. The primary aim of this branch is to provide technical knowledge to increase agricultural production & productivity through better management of land, water, & machinery.



## DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering follows at the UG level, a modular pattern of education adopted by the Institute. It also plans to expand its sphere of activities through new centers.

### FACILITIES AND LABORATORIES

**C**omputer Lab: 15 nos of Pentium D processor based machines, 20 nos. of Pentium-III based machines with Printers, Scanner and 6 KVA UPS system with LAN Networking and Internet Connectivity.

**D**rawing and Drafting Section: Xerox machine, Edge Binding machine, Drafting machine, Ammonia Printing machine, Tracing Table, N.C. scribe CS 110, Lerroy Printing Set, Over head Projector, etc.

**E**ngineering Geology Lab: Various Rock and mineral samples, tools and small equipments, Projector, etc.

The Department of Civil Engineering is recognized as one of the major engineering departments in the North Eastern region of the country. The main objectives of the Department are to develop high quality technical manpower at Certificate, Diploma, Degree and Post Graduate levels and to cater to the needs of the North Eastern region in particular and the nation in general.

**E**nvironmental Engineering Lab: BOD incubator, UV-Vis Spectrophotometer, Visible Spectrophotometer, Digital PH meter, Autoclaves, Electrical conductivity meter, Exhaust gas analyzer, Water analysis Kit, Chlorine comparator, Refrigerator, COD Reflux Condenser, Magnetic stirrer, Horizontal and vertical Rotary shaker, Hot Air Oven, Flocculation Test Apparatus etc.

**F**ield Engineering Lab: Various plumbing and sanitary tools; pipes, wrench, vice, cutting and threading tools, water supply and sanitary fittings, low and high level flushing cisterns, traps and water closets and tools for masonry works.

**G**eotechnical Engineering Lab: Triaxial Testing Machine for standard and large diameter samples, Consolidation Apparatus, Direct shear test, SPT equipment, Permeator, Proctor, and IS moulds and Rammer Ovens.

**H**ighway Engineering Lab: Impact testing machine, Deval Attrition Testing machine, Los Angeles Abrasion Testing machine, Marshall Test Apparatus, Ductility Testing Apparatus, Film stripping Device, Bitumen Extractor, Standard Penetrometer, Ring and Ball apparatus.

**S**tructures Lab: Reaction of Beam apparatus, Bending Moment apparatus, Shearing force apparatus, Deflection of Beams apparatus, 3 hinged arches, Two hinged parabolic arch, Maxwell Betti's theorem apparatus, Muller Breslau's End Moment apparatus, Tension coefficient apparatus, critical load on struts, eccentrically loaded struts etc.

**S**urveying Lab: One second theodolite, Twenty second Transient, Dumpy Levels, IOP levels, Engineer's precision level, Quick setting Dumpy level, Plane table with Telescopic Alidade, Chains, Staves, Planimeter etc.

**W**ater Resources Engineering Lab: Gravimetric Hydraulic Bench, Centre of Pressure Apparatus, Venturi meter, Orifice meter, Flow over Notches (Triangular notch, Rectangular notch), Pipe Friction Apparatus, Stability of a Floating Body Apparatus, Reynolds Number and Transitional Flow apparatus, 5 m Open Channel with accessories like Venturi Flume, Parshall Flume, Sluice Gate, Sharp-Crested weir, Spillways, Radial Sector Gate, Jet Impact apparatus, Air flow Bench with accessories like Bernoulli's apparatus, Centrifugal Pump Test apparatus (Pelton Wheel turbine, Francis Turbine).

The computer Science and Engineering Department of NERIST came into existence right at the inception of the institute in 1986. It offers a unique combination of courses and projects that helps the students to cope with the recent advancements in the computer industry and information technology. The department gives diploma and degree in computer science and engineering in modular pattern along with M.Tech in Computer Science and Engineering M.Tech in Information Technology. The department also offers the PhD program in Computer Science and Engineering. The department offers regular courses like Computer Organization & Architecture, Application Software, Operating System, Discrete Mathematics, Digital Electronics, Microprocessors, Database Management Systems, Compiler Design, Data Communications, Computer Networks, Design and Analysis of Algorithm to name a few of them. Apart from the regular courses a few of the important courses offered are Artificial Intelligence, Speech processing, Image Processing, Fault Tolerant Computing, Information Security, etc.

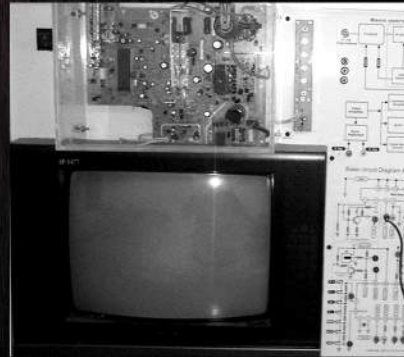
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### HIGHLIGHTS

- ❖ Dedicated and hardworking faculty members.
- ❖ The faculty members are actively involved in various inter-disciplinary research projects funded by agencies like CISR, MHRD, NEC, etc.
- ❖ Well-equipped LAN connected laboratories System Lab, PC Lab, Microprocessor Lab, Hardware Lab, Networking Lab and Embedded Systems Lab with state-of-the art machines.
- ❖ Active participation of student bodies under the banner CAN (Computer Association NERIST) with the tagline "Towards the Revolution", which inspires the students to cultivate their brain and come out with the best result.
- ❖ Alumni interaction from time to time in the form of sharing a talk sessions to motivates the students.



The Department of ECE was established in the year 1985. The first batch of intake was taken in 1986. The department of ECE meets the requirement of technological challenges & the technical man power requirement through its updated course curriculum, experienced faculty members, skilled supporting staffs, and sophisticated laboratories. It has software like Codewarrior, Cadence, Matlab, Code Composer, Microwind, Xilinx, Modelsim, IE3D, etc. and various kits of TI6713, 8085, 8086, PIC, Vertex and Spartan VHDL kits, and various other relevant instruments. The department has expertise in the areas of VLSI, Communication Engg, DSP & Embedded systems, Microelectronics, Instrumentation, Computer Networking, Information Security, Microwave Engg etc. The Department has dedicated faculty members, engaged to enhance the knowledge, skill & talents of the students. It had been earlier running the M.Tech in IT (now run by the Dept of CSE) and is presently running M.Tech in VLSI for last few years.



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### HIGHLIGHTS

- Major Equipments and Software available for students.
- High profile Alumni.
- VLSI lab with Cadence along with Xilinx software, Vertex and Spartan Kits and Modelsim and Microwind.
- DSP and Embedded Lab with 8051, PIC, TI6713, Freescale 8/16/32 bit kits, Code warrior and Code composer Studios for MPC 555, coldfire, DSP 56800 series etc.
- A number of students have cleared GATE/CAT/IES/GRE etc.
- Young and dynamic faculty with the average age of the department being less than 40.
- Highly active NES (NERIST Electronic Society) that takes initiative in conducting lecture series, technical quizzes, GDs, mock PIs, etc.



# DEPARTMENT OF ELECTRICAL ENGINEERING

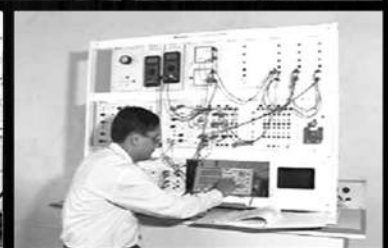
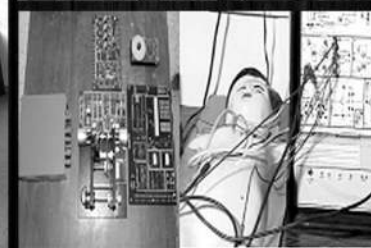
## HIGHLIGHTS

- Offers wide range of UG courses starting from Workshop Practice to Power Electronics and Energy Systems.
- Offers M. Tech in Power System Engineering.
- Offers PhD and Consultancy in divers areas like Energy Management, Electrical Hazards and Safety Measures, Power Systems.

## LABORATORIES IN THE DEPARTMENT

Electrical Workshop Laboratory  
Electrical Maintenance Laboratory  
Electrical Measurement Laboratory  
Control and Instrumentation Laboratory  
Power Electronics Laboratory  
Electrical Machine Laboratory  
Power Systems Laboratory  
Digital Microprocessor Laboratory  
High Voltage Engineering Laboratory

The Department of Electrical Engineering was set up in the year 1986 and the first batch of students graduated in the year 1992. The Department follows a two year modular structure at the under graduate level, with an emphasis on trouble shooting, servicing and maintenance of electrical circuits and systems in the Base, supervisory and guiding skills in the Diploma, and analyzing, designing and capacity to lead with innovative ideas in the Degree levels respectively. The faculty members of the Department are involved in high quality research resulting in publications in reputed SCI journals and presentations in international conferences. Further, the Department of Electrical Engineering regularly organizes seminars, short term courses, faculty development programmes and IEEE International conferences which are attended by participants drawn from many national and international institutions as well as industry.

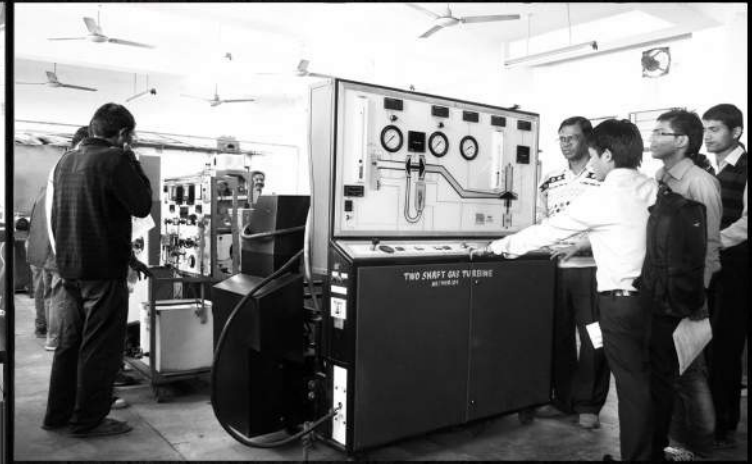


DEPARTMENT OF  
**MECHANICAL**  
ENGINEERING

## HIGHLIGHTS

- 🐾 Qualified Faculty Members
- 🐾 Very good Industry Interaction
- 🐾 Bright Student
- 🐾 Well Equipped Lab
  - Strength of Materials Lab
  - Dynamics & Kinematics Lab
  - Gas Dynamics Lab
  - Refrigeration & Air Conditioning Lab
  - Heat Transfer Lab
  - Fluid power and Automation Lab
  - IC Engine Lab
  - Metrology Lab
  - Computer Lab
  - CADD Lab
  - Tribology Lab
  - CIM and Robotics Lab

The Department of Mechanical Engineering offers courses to train the students in the art of servicing, maintenance and trouble shooting aspects in certificate Level; to impart supervisory skills to the diploma module students and to provide analytical skills in various subjects related to Mechanical Engineering to the degree module students. The course curriculum for the degree module is at par the premier institutions of the country. Moreover, the laboratories (12 Nos) and the workshops (06 Nos) are fully equipped with advanced equipments and machines. The Department has well-qualified (Ph.Ds and Post graduates from reputed institutes like IITs, ISM, NITs, J.U, etc), experienced as well as young motivated faculty members and supporting staffs to train the manpower according to the need of modular pattern. The relationship is warm and friendly.



The Department of Forestry has been the pioneer centre of teaching and research in Forestry in northeast region since inception of North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh. The department imparts forestry education in various levels: B.Sc. forestry (10+2+4), M.Sc. Forestry and Ph.D. Being a regional institute, student from all the eight states of northeastern region as well as other part of the country get education in forestry. The motto of the department is to take the forestry education and research to a greater height so that people of the region can by and large reap the outcome in the planning and development. Till now, department has produced about twenty (20) batches of B.Sc. Forestry students, five (5) batches of M.Sc. Forestry students and more than 40 Ph.D. students so far.



## DEPARTMENT OF FORESTRY

### HIGHLIGHTS

- ❖ Completed R&D projects funded by DBT, ICFRE, CSIR, DST, UNESCO, UNDP, etc.
- ❖ Faculty members have been awarded with NAAS, FNIE, FIAAT, FES, DST-BOY-SCAST and DBT-Overseas fellowships.
- ❖ Well-equipped state of the art laboratories.
- ❖ Established Bio-informatics Centre, forest nursery, library and herbarium.
- ❖ Students are well placed in the central and state civil services, tea estates, NGO, etc.

# CENTRE FOR MANAGEMENT STUDIES

## HIGHLIGHTS

- 🐾 Conducting customized training programmes for executives of PSUs and Government
- 🐾 Providing Consultancy Services to government and private sector organization
- 🐾 Conducting Training programmes for the SHGs
- 🐾 Regular conduct of Faculty development Programmes
- 🐾 Air Conditioned classrooms and well equipped laboratory.
- 🐾 Alumni of the Center are fairly well placed.

Centre for Management Studies (CMS) came in to existence on 4th November, 2009 as an independent center to offer Management Programmes. In the year July, 2006, NERIST earned the distinction of being the first institute in Arunachal Pradesh to start MBA program under the department of Humanities and Social Sciences. The objective of the Centre for Management Studies is to impart management education to the future managers and policy makers of the region. CMS aims to pursue global vision without losing local priorities and train future managers to develop a synergy between global and local value systems. The Centre offers MBA and PhD programs in various areas of specialization, viz., Human Resource Management, Marketing Management, System Management, Finance and Entrepreneurship.





IN  
AT

NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY



# CONTACT DETAILS

## TRAINING AND PLACEMENT CELL

Dr. P. K. Pranav

Training and Placement Cell,

NERIST, Nirjuli, Arunachal Pradesh - 791 109

Office: +91-360-2257418, EPABX: +91-360-(2257401-411) Extn: 6034, 6301

Fax: +913602257418, Mobile: +919436228995

E-mail: [tnpnerist@gmail.com](mailto:tnpnerist@gmail.com), [tandp@nerist.ac.in](mailto:tandp@nerist.ac.in), [training\\_placement@yahoo.com](mailto:training_placement@yahoo.com)