

Think, Learn, Transform



...Transforming students
to industry ready engineers



TECHNO INDIA NJR
INSTITUTE OF TECHNOLOGY

...international quality Engineering education is here

विद्या ददाति विनयं!



Introduction

...Welcome to Techno NJR

" **Education educates a man, but good education creates a man** ' is the belief of NJR Foundation which established Techno India NJR Institute of Technology in the year 2008 in association with India's leading education group - Techno India . NJR Foundation was set up by Mrs. Meera Ranawat and Mr. Raj Shekhar Vyas (alumnus of BITS ,Pilani) in memory of Navdeep and Jitendra Ranawat with a noble purpose of providing international level engineering education to students of Udaipur so that they do not have to travel to Bangalore, Pune, Jaipur for good engineering education.

Techno NJR education process stands on four important pillars :

- Faculty with high academic background and determination to invest their best efforts.
- Best equipment and instruments to ensure an unlimited freedom of industry level experimentation with exposure to the practical environment of Engineering and fun of technology.
- Industry orientation through partnership with leading industrial training groups.
- International exposure through alliance with leading universities in UK & USA.

Think
Learn
Transform



- . International quality labs.
- . Highly qualified faculty.
- . Extensive industrial training.



Founder's Message

From The Founder's Desk

Greatest reward as founders of Techno India NJR has been steady progress the college has made in establishing itself as one of the finest institution of learning in Rajasthan . Our next goal will be to establish its presence on national scale. We feel proud of the achievements of our college through collective efforts of our faculty and students and they deserve our heartfelt gratitude.

Techno India NJR has created an exciting student centric environment of academic excellence reflected in results year after year in a safe and disciplined environment for students especially girls . Our engineering program links knowledge to practice and skill from very beginning which makes it easy for students to transition to a successful working professional in later life . In addition to maintaining high academic standard, most students go through industry certifications and internships to give them real life feel of technology.

Vision

To be a premier Engineering institution on the lines of great private institutions like BITS, Pilani to make a difference in the lives of students, faculty and society at large.

Mission

To understand needs of industry and transform students into well trained fully employable engineering graduates with rigorous academic knowledge and industry required skill sets.

Mrs. Meera Ranawat, Mr. Raj Shekhar Vyas,

The Team

... Integrating International Vision to National Education

Key Person

Education is ever-evolving. There is always something bigger and better available. Knowledge is expanding at an extremely fast pace. Techno NJR is led by a group of four extremely talented and powerful academic leaders. Besides having requisite professional education from best institutions in India and abroad, they possess leadership skills and share common vision and mission with NJR Foundation. Their shared leadership has converted Techno NJR into a unique education destination for students.



Mr. Raj Shekhar Vyas
Director & Founder
B.E. (Hons.)
BITS, Pilani. MBA



Dr. Pankaj Porwal
Principal
PhD (Cornell University,
USA)
B.Tech (IIT, Bombay)



Prof. Pradeep
Chhawchharia
Director - Research
M.E. (BIT, Ranchi)
M.Phil.
(Hongkong
Polytechnic University)



Mr. Piyush Javeria
Head Computer Science
M.S.
(University college of London)

Faculty

Faculty at Techno NJR is its biggest asset. Well qualified, experienced, willing to invest time and efforts in students is best way to describe them. Most senior faculty have studied abroad and they go beyond conventional Indian style teaching by combining the best of both systems. Techno NJR faculty is constantly upgrading themselves by attending faculty development programme, specialised technological training and through faculty exchange visits to partner universities abroad.



Mr. Sourabh Singh Chandrawat
M.S. (Univ. of Warwick, UK)
Associate Professor
Mechanical

Mr. Sandeep Upadhyay
M.S. (BITS, Pilani)
Assistant Professor
CSE

Mr. Raju Swamy
M.Tech. (NIT, Allahbad)
Assistant Professor
EE

Mr. Chandra Prakash Jain
M.Tech. (VJTI, Mumbai)
Assistant Professor
EE

Dr. Yasmin
Ph.D., NET
Professor
Basic Sciences

Dr. Gajendra Purohit
Ph.D., NET
Associate Professor
Basic Sciences

Ar. Divya Sharma
M.Arch.
Assistant Professor
Civil

Ms. Shilpa Pandey
M.Tech.
Assistant Professor
CSE

Dr. Kirti Khurdiya
Ph.D.
Assistant Professor
Basic Sciences

Mr. Gaurav Dhing
M.Tech. (MBM, Jodhpur)
Assistant Professor
Civil

Mr. Vivek Jain
M.Tech. (RGPV, Bhopal)
Assistant Professor
ECE

Mr. Lokesh Malviya
M.Tech.
Assistant Professor
Mechanical

Mr. Vijayendra Singh Sakhla
M.Tech.
Assistant Professor
Mechanical

Mr. Nitin Kothari
M.Tech.
Assistant Professor
ECE

Ms. Mayuri Jain
M.Tech.
Assistant Professor
ECE

Mr. Yogendra Singh Solanki
M.Tech.
Assistant Professor
ECE

Mr. Atul Gandhi
M.Tech.
Assistant Professor
EE

Mr. Himanshu
M.Tech.
Assistant Professor
EE

Mr. Gaurav Ameta
M.Tech.
Assistant Professor
CSE

Ms. Pallavi Totlani
M.Tech.
Assistant Professor
CSE

Ms. Divya Kavdia
M.Tech.
Assistant Professor
CSE

Mr. Gaurav Kumawat
M.Tech.
Assistant Professor
CSE

Dr. Payal Jain
Ph.D.
Associate Professor
Basic Sciences

Dr. Amit Sahu
Ph.D.
Assistant Professor
Basic Sciences

Dr. Vimal Kumar Saraswat
Ph.D.
Assistant Professor
Basic Sciences

Dr. Gopal Choudhary
Ph.D.
Assistant Professor
Basic Sciences

+70 Other Faculty Members.

Academic Courses

Quality education at Techno NJR ...

About Engineering

The discipline of engineering is extremely broad and encompasses a range of more specialized fields of engineering, each with a more specific emphasis on particular areas of technology and types of application. Techno NJR offers undergraduate & postgraduate degrees in most branches of engineering.

Undergraduate Courses

B.Tech in :	No. of Seats
• Civil Engineering	60
• Computer Science & Engineering	60
• Electronics & communication	120
• Electrical Engineering	60
• Electrical & Electronics Engineering	60
• Information Technology	60
• Mechanical Engineering	120

Postgraduate Courses

Master Degree :

• M.Tech in VLSI	16
• M.Tech in Software Engineering	16



KEY FACTS

Approved by	:	AICTE, New Delhi
Affiliation with	:	Rajasthan Technical University, Kota
Admission	:	70% Seats through RPET - 15% Seats through JEE (Mains) 15% Seats through Management Quota.

Management Quota Seats are allotted purely on Merit (PCM of 12th)
Techno NJR has strict NO Donation Policy

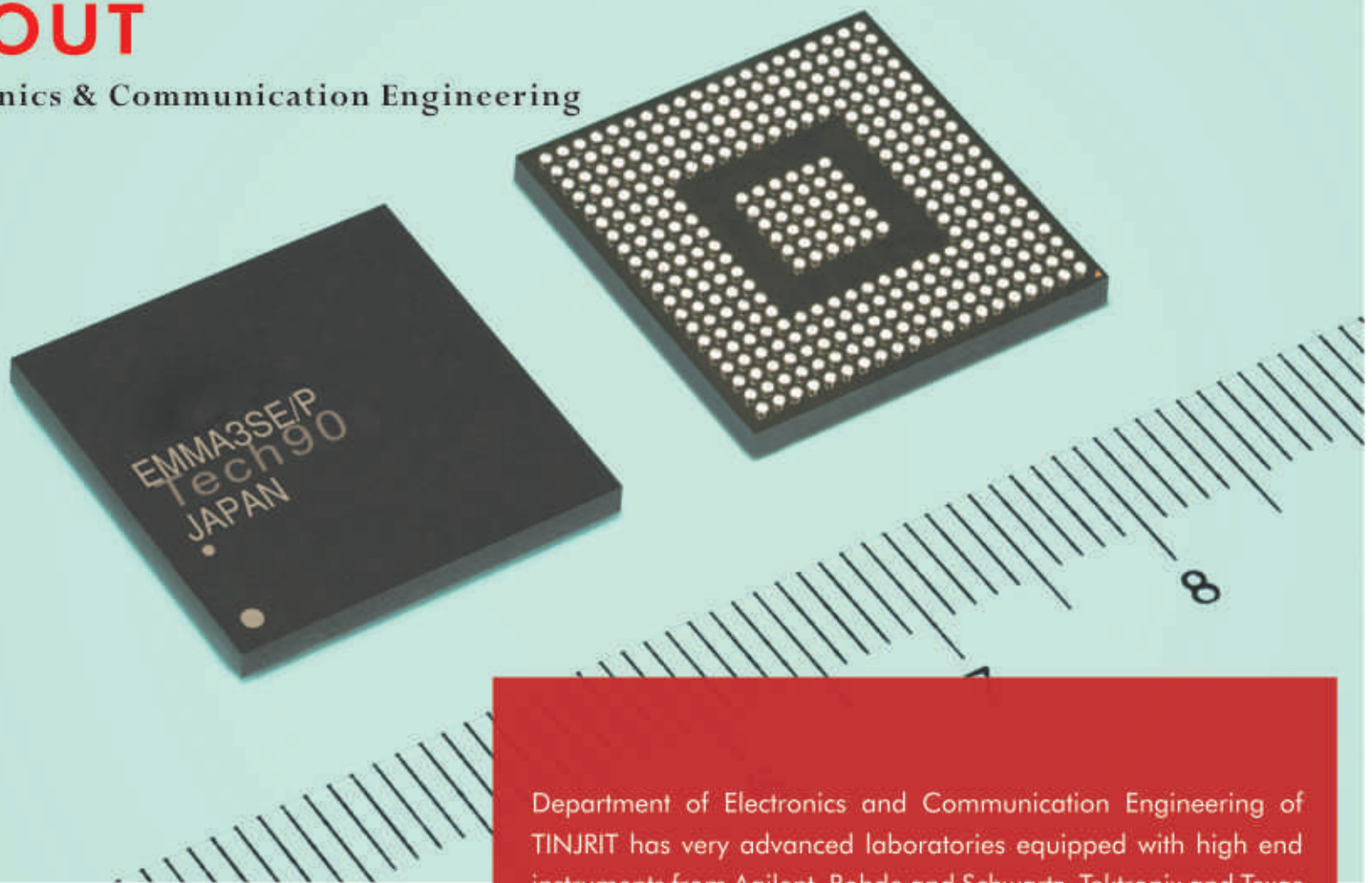
Department at Techno NJR

Electronics & Communication Engineering



ABOUT

Electronics & Communication Engineering



It Has Become Appallingly
Obvious That Our
Technology has
Exceeded our **Humanity**

By Albert Einstein

Department of Electronics and Communication Engineering of TINJRIT has very advanced laboratories equipped with high end instruments from Agilent, Rohde and Schwartz, Tektronix and Texas Instruments. The powerful CAD tools for VLSI, RF Design, Electromagnetic simulation and Circuit simulation provide high tech platforms for experimentation with extreme flexibility. Students and faculty of ECE are continuously engaged in updating the knowledge through projects, experimentation, Industry tie-ups and research publication. The department has best academic results and highly professional Industrial technology trainings are conducted regularly by reputed organizations, Industry experts and faculty members. Graduates are placed in TCS, Cognizant, elinfochips, 3i-Infotech and other multinationals.

A photograph of a female student with glasses and a green t-shirt, focused on working on a complex electronic circuit board mounted on a breadboard. In the background, other students are blurred, suggesting a busy laboratory environment.

Electronics & Communication Laboratories

State Of Art Laboratories

- Advanced Microwave Laboratory equipped with X-Band Test-benches and
- Microstrip Components/ antennas, Test Facility 6 GHz VNA by Anritsu
- Advanced Linear Integrated Circuits lab with FPAA and ASLK kits
- Digital Signal Processing and Image Processing Laboratory
- Signals and Systems Laboratory
- Embedded Systems Lab equipped with PIC, ARM, AVR kits
- Wireless Communication with Satellite, GPS experiments
- Digital Circuits and Reconfigurable Hardware Design laboratory
- Advanced Analog & Digital Communication Laboratory
- Optical Fiber Communication Laboratory
- Microprocessor and Digital Electronics Laboratory

Research Center Laboratories and Advance Design Platforms

- Microwave Passive Component and Antenna Design and research Laboratory
- FPAA Analog design and research kit
- Feko, ADS, Genesys and SystemVue for RF and Communication system design
- Anechoic Boxes for Antenna Testings
- Spartan – 6 for Reconfigurable Digital Circuit experimentation
- Texas Instruments Digital Signal Processing TMS320
- Texas Instruments Digital Image Processing platforms
- LabView for Virtual Instrumentation
- VI Microsystems RF Filter and Amplifier design system
- Emona Kits for communication system analysis
- Color Pattern Generators

Electronics & Communication Engineering

International Electronic Design Automation Boards and Equipment

High End EDA and Computation tools

- Mentor Graphics HEP 1 (Front End) & Mentor Graphics HEP 2 (Back End)
- VEE Pro 9.2 and VSA
- CAD FEKO 6.1
- COMSOL 4.2
- Agilent ADS Genesis & System VUE
- ORCAD PSpice ver 16.1 and Multisim 10.0
- Matlab with various Toolbox
- Xilinx ver 13
- Open Source SciLab 5.1 and Electric VLSI Design
- ORCAD 16.5 PSpice Simulator and PCB Design Suite
- Microwind 3.0
- Micro C-PIC Advanced C Compiler for PIC MCU
- Code Composer Studio



High Tech Research Level Instruments

- Agilent Multipurpose Lab Station with 7012B series 100 MHz Oscilloscope
- Rohde & Schwartz 3 GHz Spectrum Analyzer with Tracking Generator
- Tektronix 4 Channel 200 MHz Powerscope with current probe
- Tektronix 25 MHz dual arbitrary waveform generator
- Logic Analyzer 200 MHz 250 Msamples/sec
- Precision Multimeters (Fluke and Agilent 5 1/2, 6 1/2)
- LCR Q Meter with RS232 Interface
- Tektronix Power Analysis bundle

Department at Techno NJR

Electrical Engineering (EE)





Discover Design Deliver

ABOUT

Electrical Engineering

Electrical Engineering Department offers degree programs in two streams - Electrical Engineering and Electrical & Electronics Engineering. It prepares students for Industry design skills through highly professional trainings of Rockwell, Nayak Power System, Smart Brains, Siemens through actual field work, hands-on and live design, erection and measurement projects. The academic distinction of the department is demonstrated by the excellent performance of students ranking among the toppers at the university, institute level and competitive exams like GATE and GRE. State of the art laboratories, Advance CAD tools, workshops and seminars empower the graduates for making application of the knowledge which they gain through experienced faculty of the department and student centric teaching philosophy.

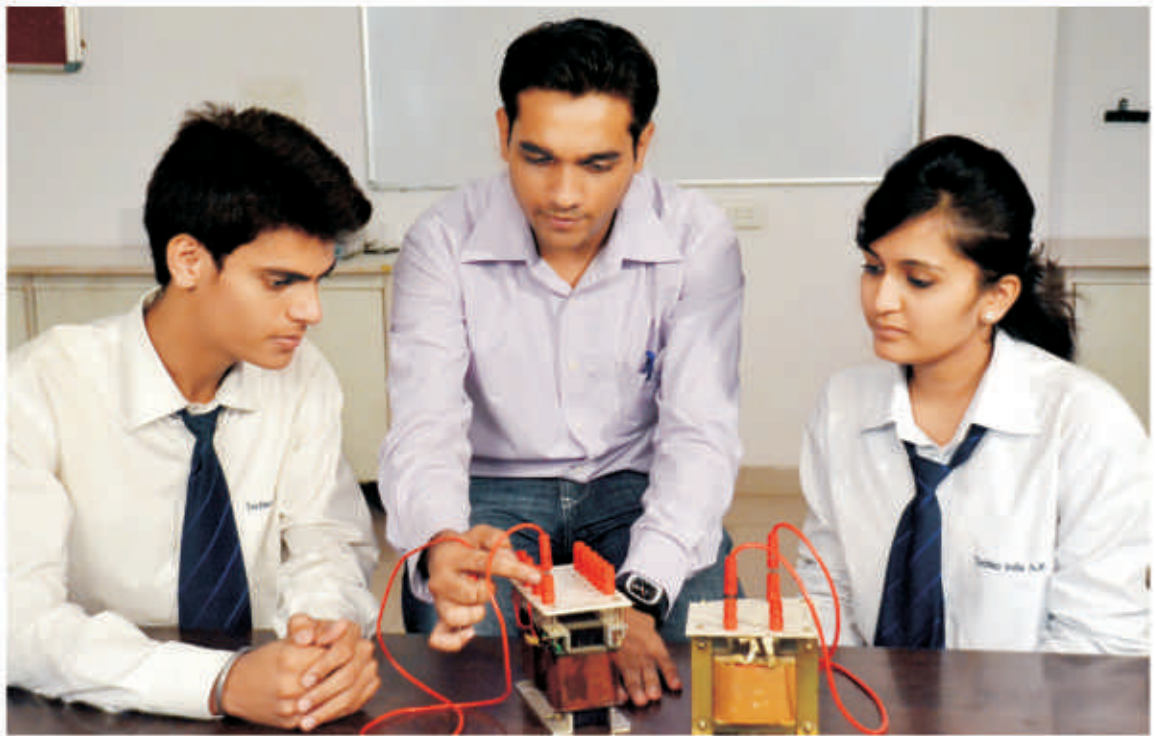


If you wish to understand the Universe, think of **Energy**, frequency and Vibration.

Nikola Tesla

Electrical Engineering

Laboratories Of The Department



State of the Art Laboratories

- Advance Power Electronics Laboratory
- Modern Control Systems Laboratory
- Electrical Machines Laboratory
- Power Systems Laboratory
- Electrical Measurements and Instrumentation Laboratory
- Circuits and Electrical fundamentals Laboratory
- Projects and Research Laboratory
- Advance Drives Laboratory
- Simulation Laboratory

High End Experimental Platforms and Equipment

- Tektronix Powerscope (200 MHz, 4 Ch)
- Rockwell CompactLogix PLC Trainers
- Tektronix High Voltage and Current Probes
- Tektronix Power Analysis Bundle
- Texas Instruments DSP Boards
- Siemens PLC Trainers
- Variable Frequency Control Drives
- Cycloconvertors/3 Phase Convertors
- Microprocessor Controlled 3- ϕ Dual Convertors
- Bias Differential relay/Buchholz Relay
- Current Transformer Performance Testing
- Synchronization of Alternators
- Process control simulator/Servomotor Characteristics
- Energy Measurement and Electrical Installation

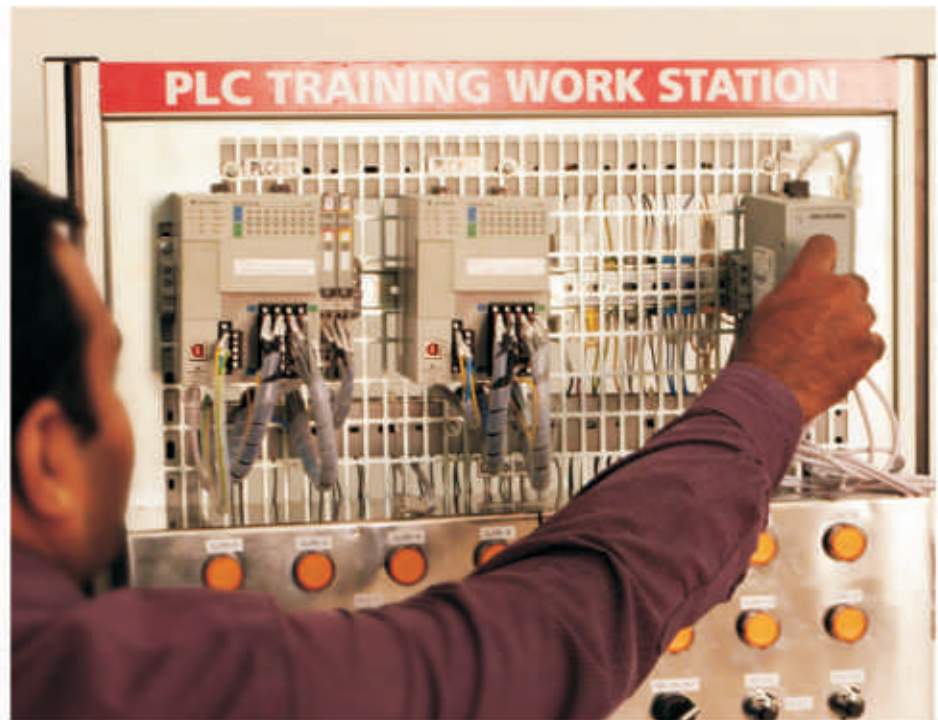
Electrical Engineering

Advance Electrical Design and Simulation Tools

- PSCAD
- MATLAB/SIMULINK – Power System Toolbox
- Control System Toolbox
- PSpice
- Machine Design software
- Quickfield for Electromagnetics simulation
- COMSOL 4
- Scilab
- Multisim

Industrial Training

- Rockwell – PLC/SCADA/Automation Training
- Nayak Power Systems - PSCAD Trainings
- Smart Brain – Electrical Installation Training
- Technophilia Systems – Robotics Training
- Transformer Design Training
- Field Trainings at substations and powerplants



Department at Techno NJR

Computer Science And Information Technology



ABOUT

Computer Science And Information Technology



The Similarities between **humans** and **Computers** are more numerous than the differences.

- P.A. SCOTT

Computer Science & Engineering department gives exposure to its students not only of curriculum but also to various skill areas required by IT industry . Soft skill training and international certifications is an ongoing process for students of this department. The department has set up Center of excellence in association with Oracle, Cisco, SAP to train students on these companies certifications . The department has strong links with local IT companies with whom students can do projects, training, internship and mentor ship sessions.

A photograph of a computer laboratory with several students in white shirts and ties sitting at desks with multiple computer monitors. A green semi-transparent box is overlaid on the left side of the image, containing the text 'Computer Science and Information Technology Laboratories of The Department'.

Computer Science and Information Technology

Laboratories of The Department

State of Art Laboratories

- Database Lab
- UML Lab
- Object Oriented Programming Lab
- Data Structure Analysis Lab.
- Internet Lab.
- C/C++ Lab
- Cisco CCNA Lab
- Foss Research Lab
- iCarnegie Lab for online courses and tests.
- Data center Lab.

Major Equipment

- IBM Blade server- 1
- IBM AIX server- 1
- HP servers- 2
- Desktop computers HP make – 550 nos.
- Cisco/D Link Routers and switches and access points for wi fi facility.
- 20 Mbps Leased Line through Optical fibre cable.
- 20 Mbps broadband

Application And System Softwares

- IBM Rational Rose, Microsoft Visual studio
- Eclipse, JDK, J Creator, SQL Server 2000
- VB 6.0, Boson software, Turbo C/C++
- Windows XP, Ubuntu 2.6, Linux Redhat
- Microsoft server, Merce, ERP
- Educational ERP
- Cyber roam firewall.

University Partnership Programme

- . Oracle
- . SAP
- . CISCO
- . i-Carnegie (Carnegie Mellon)
- . IEEE (SWEBOK & CSDA)

Computer Science and Information Technology

Industry Focus and Training

The Computer Science & Engineering department has created partnership with technology leaders SAP, Oracle, IEEE, iCarnegie (subsidiary of Carnegie Mellon University), IIT Bombay, CISCO and C-DAC which has helped students gain valuable exposure through training, internships and projects. Students have the opportunity of hands-on experience on various state-of-the-art technologies and executing some of the live projects. The department is fully committed to provide the students with a healthy and competitive atmosphere to help them in their efforts to become leading technocrats and responsible citizens.

Training conducted in 2013-14

SAP : ABAP certification : 12 students

C-DAC : 3 months Certificate course on software Testing : 60 students

Oracle : OCJP Certification: 30 students

Oracle : OCA certification : 20 students

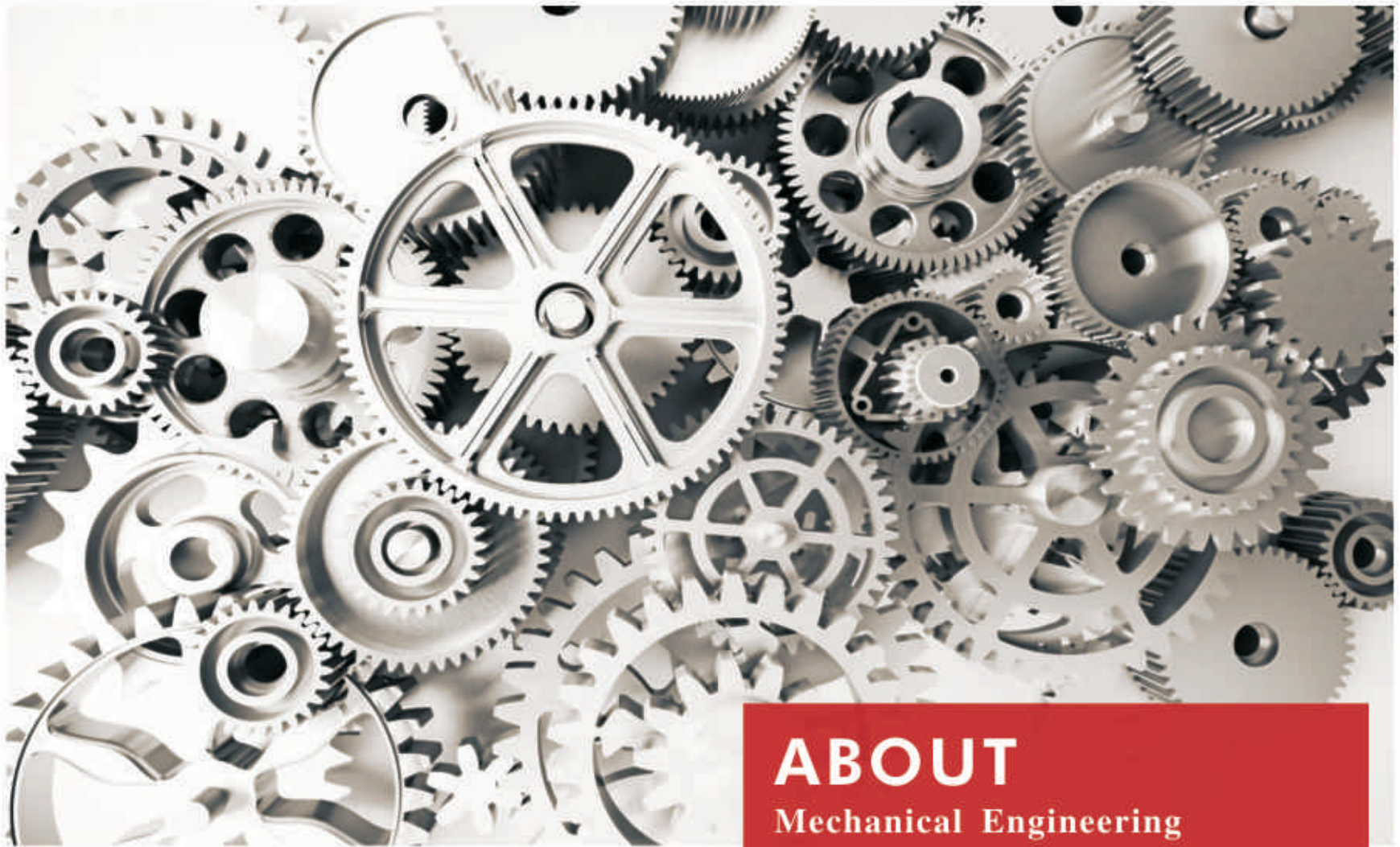
IEEE : SWEBOK certification 40 students



Department at Techno NJR

Mechanical Engineering





ABOUT

Mechanical Engineering

Mechanical Engineering Department at Techno NJR is a forward looking department with a vision to produce theoretically sound and industry ready engineers. As a part of industry orientation we have partnered with various major industries and institutes for specialized modular courses, trainings, and certifications. Some of salient associations are with Cement Industries, Indian Rubber Institute, Indian Institution of Industrial Engineering, and Indo German Tool Room.



An optimist will tell you the glass is half-full; the pessimist, half-empty; and **the engineer** will tell you the glass is twice the size it needs to be.

Laboratories Of The Department

Mechanical Engineering

State of Art Labs

- Production Practices & Mechanical Workshop
- Drawing Halls (2 Nos)
- Strength of Materials and Material Testing Lab
- Kinematics and Dynamics of Machines Lab
- Fluid Mechanics and Turbo-machinery Lab
- Thermal and Automobile Engineering Lab
- Heat and Mass Transfer Lab

Major Equipment

- Computerized Universal Testing Machine (600 kN capacity)
- 6 Lathe Machines (including Capstan & Turret Lathe)
- Multi Stage Air Compressor Test Rig
- Load Test Rig for Single Cylinder 4-Stroke Diesel Engine
- Turbine Test Rigs (Pelton, Kaplan and Francis)
- Centrifugal Pump Test Rig



Mechanical Engineering

Advance Software Tools

- AutoCAD
- AutoCAD Inventor
- ANSYS – Finite Element Based Simulation & Analysis Software
- MATLAB



Industry Orientation Initiatives

- PG diploma of Indian Rubber Institute and Summer Training at Rubber Industry
- Graduateship exam of Indian Institute of Industrial Engineering (targeting Cement and other manufacturing industries)
- CAD (Computer Aided Design) and CAM (Computer Aided Manufacturing) certification course from Indo German Tool Room

Department at Techno NJR

Civil Engineering



ABOUT

Civil Engineering

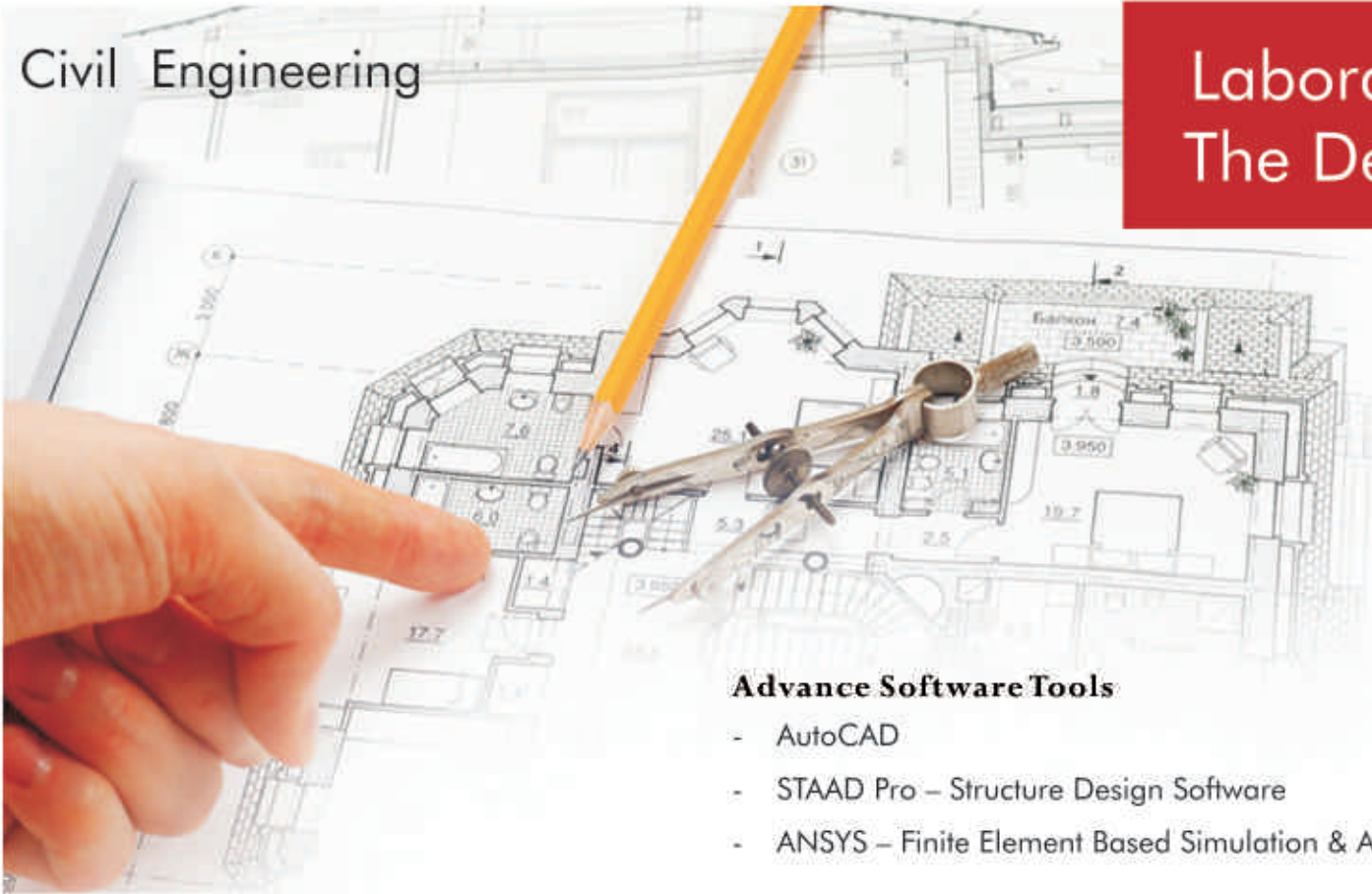
Golden Gate Bridge, United States



The **Best Creator**
next to God is a **Civil Engineer.**

Adarsh Kumar G.S.

Civil Engineering Department at Techno NJR is in the process of developing world class labs and infrastructure. The major focus of the department is on providing theoretical and hands on knowledge so that students acquire the skills and knowledge that is necessary to work in large construction firms as well as to start their own entrepreneurial venture. Major focus areas for industry orientation are Land Surveying, Computer Aided Building Planning and Design, Structural Design, Soil and Concrete Testing.



Advance Software Tools

- AutoCAD
- STAAD Pro – Structure Design Software
- ANSYS – Finite Element Based Simulation & Analysis Software

State of Art Labs

- Drawing Studios (2 Nos)
- Computer Aided Design and Drafting Lab
- Surveying Lab
- Geotechnical (Soil) Lab
- Road Material Testing Lab
- Concrete Technology Lab
- Strength of Materials Lab
- Fluid Mechanics & Hydraulics Lab



Civil Engineering

Major Equipment

- Computerized Universal Testing Machine (600 kN capacity)
- Total Survey Station
- NDT (Non Destructive Testing) Equipment
- 6 Meter Long Tilting Flume
- Direct Shear Strength of Soil Apparatus
- Triaxial and Unconfined Compressive Strength of Soil Apparatus
- Pelton Wheel Turbine
- Centrifugal Pump Test Rig





City Advance Research Center

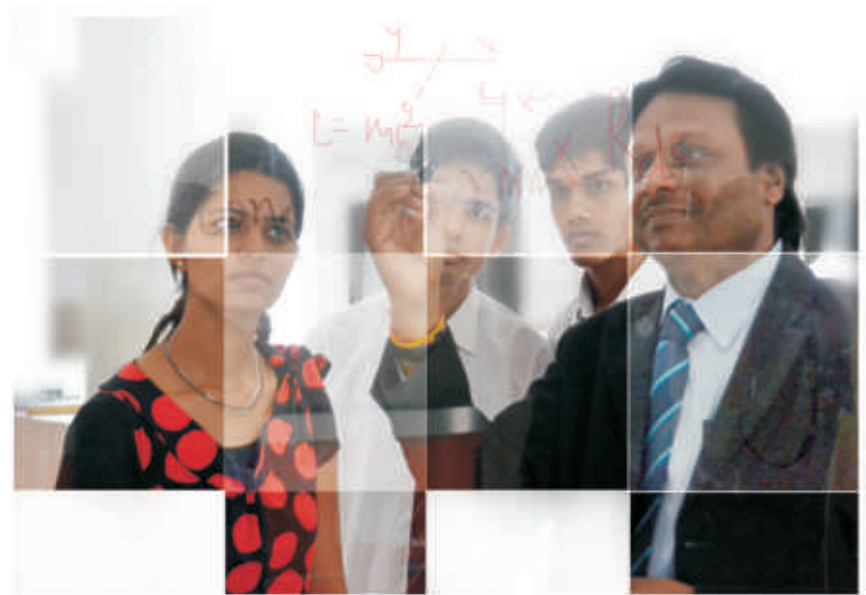
About Research Center

Techno NJR has introduced its well equipped research center for students and faculty members of all branches in the heart of the city (Madhuban). The center has very advanced level instruments and boards from Malaysia, Australia & USA with all the resources to make students learn about precision and automated measurements.

The center is used by the students extensively for expert lectures, industry oriented training and working on advanced instrumentation. Students often work midnight to overnight to get an industrial approach in their learning. The center also has facility for research in planar RF and Microwave circuits and have extension planning to open Nanotechnology lab in next 2 years.

Objective of TINJR Research Center:

- To get Faculty and undergraduate students acquainted with advanced instrumentation, Innovative Design, measurement with better accuracy, data flow programming & automation.
- To involve undergraduate students in research and industrial projects.
- To train faculty and students in use of industry standard VLSI Front-End & Back-End tools.
- To conduct training for students to make them more required by companies.



Instruments/ Software at City Research Center

- . Spectrum Analyzer.
- . Mentor Graphics.
- . Agilent VEE, VSA, Dual Signal Generator.
- . MIC Trainer.
- . Dream Catcher, Malaysia.
- . Experimental Boards.
- . Vector Network Analyzer.

Online Access to Research Journals

- IEE, USA
- McGraw Hill
- Wiley CS
- J-Gate
- Springer
- Science Direct

Conferences / Seminars

- Industry Academia Collaboration Meet, May 25, 2014.
Keynote Speaker: Dr. Arvind Mayaram, Secretary Ministry of Finance, Govt. of India
- International software Summit, by Department of Computer Engineering & Information Technology, April 11-12-13.
Keynote Speaker: Prof. Sigurd Meldal, San Jose State University, USA. Attended by Pankaj Sahay of Infosys, Manish Saran of SAP, Narendra Sharma & Jacob P.U. of Hexaware, Ajay Kapur of Oracle.
- Cloud Computing Bootcamp, by Department of Computer Engineering & Information Technology and Cynapta, February 01, 2014
Sponsored by Microsoft PluralSight, Telerik and Cerebrata.
- National Conference on Technology Advances in Electrical and Renewable Energy Engineering, by Department of Electrical and Electronics Engineering, February 23-24, 2013.
(20 Research papers presented and 35 papers published in Conference proceedings)
- International Workshop on Innovative Manufacturing Practices in Automotive and Tyre Industry, by Department of Mechanical Engineering, April 5-6, 2013.
Keynote Speakers: Dr. R. Mukhopadhyay, Director & CE, HASETRI (J.K. Tyre) Dr. Vijayanand Muralidharan, Goodyear Tyre, USA.
- National Workshop on Amateur Radio & Software Defined Radio, by Department of Electronics and Communications, September 17-19, 2014.
Dr. Miroslav Skoric, University of Novi Sad, Serbia.
Mr. S Ram Mohan, Director, National Institute of Amateur Radio, Hyderabad.



Piyush Javeria, Manish Saran of SAP, R.S.Vyas, Prof. Sigurd Meldal of San Jose State University, USA, Mr. Narendra Sharma and Mr. Jacob P.U. of Hexaware and Mr. Pankaj Sahay of Infosys.



Dr. I.V.Trivedi, Vice Chancellor MLSU, Meera Ranawat, Mr. Arvind Mayaram, Finance Secretary, Govt. of India, Mr. Ranjan Dhawan, Director, Bank of Baroda, Mr. Arvind Singhal, Secure Meters and R.S. Vyas at Industry Academia meet at Techno NJR campus

International Orientation

Collaboration & MoU's

With Indian economy integrating with world economy, it has become important to expose both faculty and students to University and education systems abroad. Techno NJR has tied up with following Universities.

San Jose State University, USA : Techno NJR has tie up with SJSU for faculty and student exchange program. One faculty member of Techno India NJR has spent a semester at SJSU as visiting faculty member.

iCarnegie : Techno NJR is iCarnegie partner for conducting iCarnegie designed courses for its students. The iCarnegie Software Development Program, powered by the world-renowned Carnegie Mellon University, is designed to provide students with the tools and skills needed to successfully enter the work place and immediately begin adding value to an organization.

Sheffield Hallam University, UK: It is the fourth largest University in the UK. Techno NJR has tie up with SHU for faculty exchange, twinning program for students to get B. Engg. from SHU, and summer training for students. Many students of Techno NJR had summer training at SHU.

IEEE Registered Education Provider

Techno NJR is one of the five Registered Education Provider of IEEE in India to offer Software Engineering Body of Knowledge Certificate (SWEBOK) Certificate, Certified Software Development Associate (CSDA) and Certified Software Development Professional (CSDP) training and certification program .



Prof. Gil Taran of Carnegie Mellon University inaugurating lab at Techno NJR



Mr. Piyush Javeria with IEEE President at Seattle



SAN JOSÉ STATE
UNIVERSITY



Sheffield
Hallam
University

Industry Training & Certifications

17 students have cleared **SAP** Certification Program.

108 students have done **OCJP & OCA** Certification.

100 students are **Rockwell** Certified.

Industrial training is an integral part of education system at Techno NJR .While academics increase wider knowledge of the student, good training enables acquisition of latest skills and help increase versatility of the student. Training develops confidence in whatever students have learnt. Most of these training by Industry experts are conducted at Techno NJR campus and they run throughout the year but more in summer/winter breaks. More than 80% students undertake one of these training in order to absorb industry practices.

Techno NJR has tied up with following training organizations :

Electronics & Communication Engineering

- CDAC ACTS - For Post Graduate Diploma in Integrated VLSI & Embedded System Design .
- eiTRA : An associate of elnfochips. Provides training in Embedded Systems & Device Driver Writing.
- Cranes Varsity : Training in the area of Embedded systems.
- Texas Instruments University Programme: Training and projects in DSP.

Computer Science & Engineering

- Oracle Academy Partner : For in house training leading to OCJP & OCA certification .
- SAP uAcademy Partner : Offers SAP ABAP TAWC certification .
- CISCO Networking Academy : Provides CCNA certification to students at campus.
- CDAC ACTS : For certificate courses in various technologies.
- IEEE computer society : Training of students for SWEBOK & CSDA Certification.

Electrical Engineering

- Rockwell Automation: For training on PLC & SCADA.

Mechanical Engineering

- Indian Rubber Institute : PG Diploma in rubber technology.
- Indo German Tool Room : courses in CNC & CAM.
- Indian Institution of Industrial Engineering : Graduate ship Programme in Industrial Engineering.





IIT Remote Center



Workshop conducted as IIT Bombay remote center :

- Computer Networking (30th June – 5th July 2014).
- Computer Networking (16th – 21th June 2014).
- Green Building Awareness (24th August 2013).
- Database Management System (21st – 31st May 2013).
- Android (23rd – 24th February 2nd – 3rd March 2013).
- Research Methods in Educational Technology (2nd February – 9th February 2013).
- Engineering Thermodynamics (11th Dec – 21st Dec 2012).
- Aakash for Education (10th Nov – 11th Nov 2012).
- Introduction to Research Methodologies (25th June – 4th July 2012).
- Writing Effective Conference Papers (18th Feb – 19th Feb 2012).
- Software Development Techniques for Teachers of Engineering and Science Institutes (5th Nov – 4th Dec. 2011)

Workshop conducted as IIT Kharagpur Remote Center :

- Fluid Mechanics (20th – 30th May 2014)
- Signals and Systems (2nd – 12th Jan. 2014)
- Analog Electronics (4th – 14th June 2013)

Collaboration with IIT Bombay and IIT Kharagpur Remote Center for ISTE Workshops:

Techno NJR is a part of National Mission of Education through Information and communication Technology initiative. More than a dozen workshops have been conducted in the field of Computer Engineering, Mechanical Engineering, Electronics and Communication Engineering.

Nodal Center for Project Aakash:

Techno NJR is a nodal center for Aakash Project funded by MHRD, Govt. of India. 40 Techno NJR students are working on various projects related to development of apps for Aakash tablet.



Personality Development

Face of corporate india is changing and for effective performance at the workplace, companies need their employees to have not only domain knowledge, technical and analytic skills but also communication and interpersonal skills.

Techno NJR lays great emphasis on developing overall personality of students with year round training by best known soft skill training companies like GTT and SHRM. Students are continuously assessed by widely respected assessment tests like AMCAT and eLitmus.

Global Talent Track (GTT) : Students are trained on communication and Soft skills by expert trainers

Society of Human Resorce Management (SHRM) : Under the unique " HR integration Programme for Engineers " students are trained by practicing senior HR professionals in areas like visioning, goal setting, time management, presentation skills etc. Senior HR professionals of companies like Hughes, Airtel, KPMG, Accenture, Hexaware have already visited college for this training.

TRAINING & ASSESSMENT PARTNERS



Best Placement

The prime objective of Techno NJR is to create strong technical literates with enduring character and values for society. The technical mission is to deliver the content in an industry oriented way to make the students self learners and competent enough to serve the industry as highly trained and skilled engineers. These efforts have resulted in placement of Techno NJR Students at Accenture, Cognizant TCS, Amdocs, Persistent, eInfochips, 3i Infotech, IBM, Ericsson, CMC, Tata Chemicals, Ambuja Cements, Shree Cements, Zensar, Sears Holding & many others.

Placement for 2013-2014 Batch:



accenture



Arpit Hinger



Chetna



Damini Bhanawat



Dheeraj Madawat



Josini Jose



Nishant Singh Panwar



Priya Agrawal

Total
Placed
200

TATA
CONSULTANCY SERVICES



Shreya Parikh



Shailendra Paliwal



Mitesh Somani



Charu Jain



Pooja Bhatnagar



RishiRaj Arora copy



Rindu john



Nidhi Koshti

TCS iON



Md. Nadeem Akhtar



Kalpak Patel



Hemant Sanadhya



Chaynita Sharma



Tarun Nagdev



Sakshi Paneri



Rekha Gupta



Purva Pal

Cognizant



Swati Tiwari



Surleen Chhabra



Rindu john



Palak Gupta



Nishma Gorawa



Nayan Jain



Avni gupta



Garima Trivedi



Meghna Singh Sisodia



Kailash Mali



Jivesh Shah

PARAMATRIX™
PERCEPTION TO EVOLUTION
On Demand IT Services



Nayan Jain



Akash Depra



Nishma Gorwara

amdocs
embrace challenge e*perience success



Dheeraj Madawat



Priyanka Chandwani

Etech
GLOBAL SERVICES



Khyati Babel



Lavina Vyas



Meru Dixit

WIPRO
Empowering Imagination



Ajay Boriwal

Best Placement

“Congratulations !



Swapnil Mathur



Saloni Tiwari



Bhupendra Modi



Rindu John



Remya Ramesh



Reenal Jain



Jatin Nalwaya



Kishore Mali



Anjali Choudhary



Divya Singathwaria



Dheeraj Kumawat



Charu Jain



RishiRaj Arora



Gaurav Saklecha



Nikita Paliwal



Nidhi Choudhary



Damini Bhanawat



Basundhara Sharma



Vinay Karadia



Suman Vosita



Shefoli Jain



Ashita Singhvi



Anshul Jain



Ankit Jain



Akshay Sancheti



Vibhor Pipara



Dharmend Vaishnav



Kanika Choudhari



Vinay Karadia



Chitralekha Bhati



Alen Frantz

Many students prefer to stay in Udaipur only for many reasons. Placement department works closely with established core companies like Vedanta, Secure Meters, Pyrotech etc as well as with fast growing IT companies of Udaipur like ArcGate, Fusion, Cognus, Advaya and Econnect for placement of Techno students with these companies.

fusion
Outsourcing



Soniya Solanki



Ankit Sagoriya



Chirag Mishra

econnect



Tanvi Mehta



Rajat Shrivastav



Deepika

Lipi



Gopal Krishna

ArcGate



Tanvi Mehta



Siddhi patodia



Sanjoli Mahatma



Nirmala Choudhary



Nikita Mundra



Neha Arya



Anusha Bolia



Harshita Purohit



Shalini Sharma



Fatima Habib



Durga Kumari



Bhanupriya



Abhilasha Ameta



Vaishali Vaishnava



Kinjal Harkawat



Divya Singh

+26 Others

SECURE



Priyanka Mehta



Kavita Sharma

COGNUS
TECHNOLOGY SERVICES



Himmi Hans



Fatima Habib



Ayushi Jain

Elixir
Technologies Pvt. Ltd.
We Shape Ideas



Shilpa Chhadwani



Surabhi Parikh

BBSERV
Beyond the Obvious



Toheed Hussain



Jyoti solanki



Vaishali Vaishnava

PYROTECH



Tushar Bhavsar



Rochak Jashi



Rahul Malviya



Lavika Kacchara



Kimmy Jain



Students Speak



Techno NJR is a perfect place for transformation. I learnt to strive for excellence here. Many faculty here have studied abroad which made it easy for me to seek their guidance. I scored 319 in GRE and have offers from top notch US universities for my masters degree.

- Rohan Patel



Techno NJR is a place where one blooms. Learn to do many things and do them well. It adds many flavours to your personality. I could excel in my academics, become SAP certified professional and still continued to pursue my passion for salsa dancing

-Shivani Chugh



This is not a place where you sit and teachers tell. Teachers here go beyond conventional teaching methodology. Added to this international certifications and training organized at campus made me ready for a good job. I have offers from TCS, Cognizant and eInfochips.

- Rindu John



Corporate style culture at Techno has helped me plan my future successfully. Many soft skill training and Aptitude tests conducted at campus helped me score well in CAT in first attempt. I have learnt to create choices for myself. With a job offer from TCS and admissions in good management colleges, I need to decide now.

- Mitesh Somani





Academics occupy top position in the scheme of education at Techno NJR. It is one of the few colleges in RTU which maintain around 90% pass in all semester results. Techno NJR has found place in RTU Merit list from its first batch onwards.

Electronics & Communication Engineering

- For VI Semester 94.12%
- For VII Semester 89.39%

Electrical & Electronics Engineering

- For VI Semester 90.9%
- For VII Semester 90.9%

Computer Science & Engineering

- For VI Semester 95.58%
- For VII Semester 89.85%

Information Technology

- For VI Semester 76.47%
- For VII Semester 83.3%

Results of Passing out Batch 2010-2014

Success



Neha Tak receiving Gold Medal from Vice Chancellor

RTU Merit Holders

2008-2012 (EEE Batch)

2009-2013 (EEE Batch)



Neha Tak
1st Rank



Divya Jain
2nd Rank



Hardik Mehta
8th Rank



Sakshi Vyas
4th Rank



Bhawna Talesra
6th Rank



Ajay Porwal
2013



Rindu John
2014

IEEE Upsilon pi Epsilon award of
US 1000 for Best student - 2013 & 2014

Extra Curricular & Sports Activity

Extracurricular activities are integral part of holistic development of students. Every year many students participate in Technical and Cultural festivals in IITs, NITs, and other renowned institutions. Techno NJR also organizes several such festivals every year.

Tech Jalsa:

It is annual technical festival of Techno NJR where students get a chance to showcase their technical prowess in fields like Robotics, Model Making, Bridge Making, Paper Presentation etc

Farewell Party:

Academic year at Techno NJR ends with a farewell party to outgoing batch wishing them a prosperous and successful career.

Phoenix:

Each year cultural events at Techno NJR start with Phoenix where Mr. and Ms. Fresher are chosen from the incoming batch.



Sports Activity

Sports week is organized every year where teams from various branches compete in various games like

Cricket, Football, Basketball, Volleyball, Badminton, Table Tennis & many other indoor and fun games.

Life at Campus

Student Life & Activity

It is not academics all the time at Techno NJR campus. Year round there are seminars, workshops, presentations, debate and other events like Tech Jalsa, Phoenix and Sports week which are organised with active participation of student volunteers. This inculcates team spirit and leadership qualities in students. Most festivals like Holi, Diwali, Garba etc are celebrated at campus to bring in a sense of brotherhood among students.

Students pursue their hobbies through many international clubs functioning at campus:

Toastmasters Club : For communication and Leadership development. Techno Ariston is the name of Toastmasters club at Techno NJR which functions under the mentorship of Toastmasters club of Indian Institute of Management, Udaipur.

AIESEC : For international Professional leadership development experience. Many Techno NJR students participate in AIESEC activities especially Youth Global internship programme.

IEEE-CS student chapter : Techno NJR has one of the biggest IEEE-CS students chapter in Rajasthan. Two students have already won best student prize of US\$ 1000 each from IEEE Upsilon pi Epsilon.

Music Club : Techno NJR has an active music club and a band.



AIESEC



Facility

Library

The college library has a vast collection of more than 40,000 text-books of local and foreign authors, International reference books and journals, access to IEEE and online libraries.

Computer & Internet

Techno NJR has well equipped Computer Labs with 550 nos. HP Computers powered by 20 Mbps Internet connection through Optical Fiber cable.

Accommodation

The Institute has Separate Hostels for boys and girls, bus facility for day scholars, sports and recreational facilities and a hygienic cafeteria.



- Outstanding 10-acre campus with 2,00,000 Sq.Ft. constructed Area.
- 550 Computers (Students to computer ratio 2:1).
- Wi-Fi Campus.
- International Quality Labs & equipment.
- Smart Class room with Multimedia facility.

Location

... Beautiful City of Udaipur

Udaipur , the city of tranquil water lakes , is one of the most naturally beautiful city on the planet earth. Udaipur is therefore rightly called the Venice of East.

Udaipur has also developed into an Education Hub with 5 Universities, 3 Medical colleges, 4 Dental colleges, 13 Engineering colleges and many other institutes for Management, Science, Nursing & Pharmacy . Students from Africa, Gujrat, Madhya Pradesh, Bihar, North East, Jammu & Kashmir and other parts of India come to Udaipur to undertake professional education.

Udaipur is home to large industrial groups like Vedanta Resources , Secure Meters and Pyrotech in addition to more than 500 SME's in the area of marble processing, engineering, plastics and agrochemicals . Many cement plants like Birla cements, Ultratech, Lafarge, Wonder cements, J.K.cement and rubber industry like J.K.Tyres etc located around Udaipur make it easy for students to do internships and find suitable jobs. Udaipur also has growing IT industry with companies like ArcGate, Fusion, Advaiya, E connect , Obbserv , Kan software scaling up their operations. Pharma giants Cadila and Mankind are investing Rs. 500 crores in new manufacturing plants in Udaipur



Maharana Pratap Airport



The Lake Palace Hotel



Contact us



Founder Director
R. S. Vyas
+91 8696932700
director@technonjr.org



Director-Research
Prof. Pradeep C
+91 8696932701
research@technonjr.org



Principal
Dr. Pankaj Porwal
+91 8696932702
principal@technonjr.org



Training & Placement
Ms. Shweta
+91 8696932736
tpo@technonjr.org



Admission
Dr. Yasmin
+91 8696932708
admission@technonjr.org



Library
Adarsh Regar
+91 8696932769
adarsh.regar@technonjr.org



Accounts
Madhu Verdia
+91 8696932770
accounts@technonjr.org



Examination
Neeraj Pandya
+91 8696932781
enquiry@technonjr.org

...Transforming students
to industry ready engineers



www.technonjr.org



Campus Address

Plot - T Bhamashah (RIICO) Industrial Area, Kaladwas,
Udaipur- 313003 (Rajasthan)-India,
Phone: +91 294 2650214, 8696932800, Fax: +91 294 2650218

City Office

202, Trimurty Heights, Above Kotak Mahindra Bank,
8- C Bank Street, Madhuban
Udaipur-313001 (Rajasthan)-India