

Learning Tomorrow's Technology Today

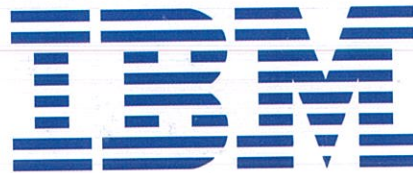


**TECHNO INDIA NJR**  
**INSTITUTE OF TECHNOLOGY**

Approved by AICTE and Affiliated to Rajasthan Technical University

**B.TECH IN COMPUTER SCIENCE & ENGINEERING (CSE)**  
**& B.TECH IN INFORMATION TECHNOLOGY.**

+



4 years Specialization in **Cloud Computing | Business Analytics | IoT**

Nao Humanoid  
From France

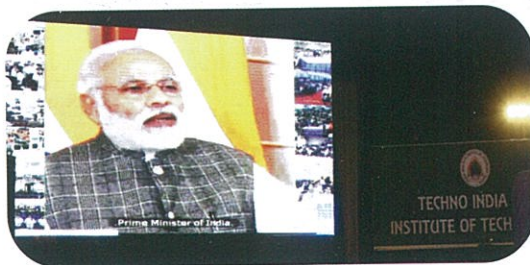


**ARTIFICIAL  
INTELLIGENCE LAB**

+



**VR on AUGMENTED VIRTUAL  
REALITY LAB**



**SMART INDIA  
HACKATHON '17**

+



**SMART UDAIPUR  
INCUBATION CENTER**

# WE DONT TEACH AT TECHNO NJR



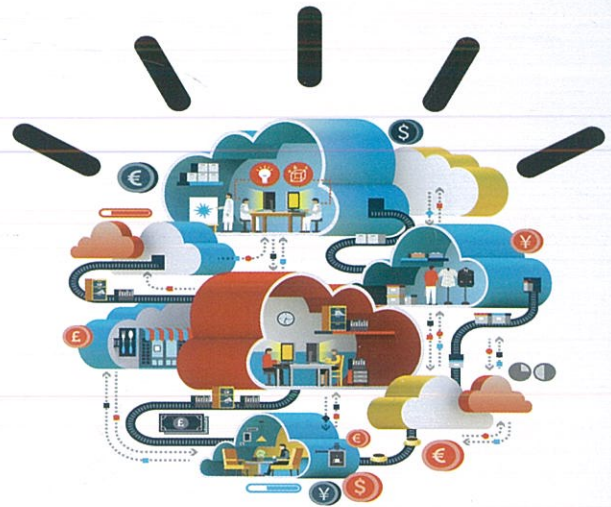
## Innovation Center of Excellence in Partnership with IBM

Old IT Jobs are disappearing. New jobs are coming in new technologies like Cloud Computing, Business Analytics, Internet of Things ( IoT), Cyber Security, Artificial Intelligence & Robotics and Augmented Virtual Reality (AVR). Techno NJR has entered into a partnership with IBM and set up IBM Innovation Center of Excellence at Techno NJR campus. IBM faculties, mentors and technologists will teach above specialized courses to Techno NJR students for entire 4 years parallel to RTU course curriculum.

### Cloud Computing & Virtualization :

Industry leaders Google, Amazon, Oracle, Microsoft, IBM and Rackspace are fiercely investing in Cloud Technologies.

Techno NJR in partnership with IBM offers B.Tech in CSE/IT with specialization in Cloud Computing . As a part of this course more than 67 students of Techno NJR have completed IBM Bluemix international certification which is highest in India in such a short time.



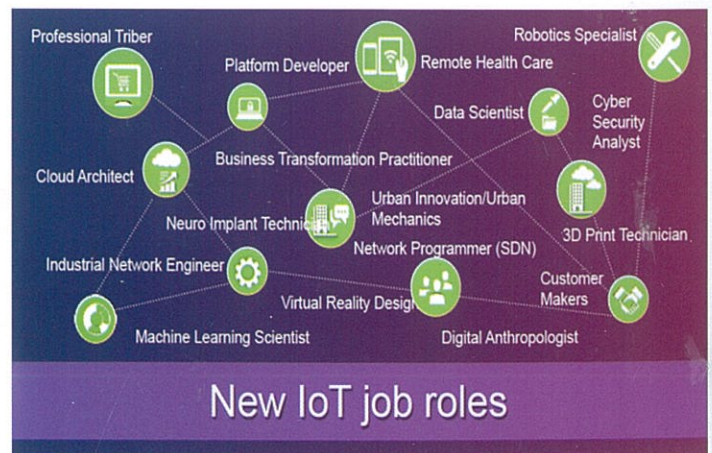
### Business Analytics :

B.Tech Program in CS/IT alongwith with specialization in Business Analytics in partnership with IBM focuses on the exciting and fast-growing field of Big Data, and includes specialized tracks in Business Intelligence and Data-decision science. Average starting salary of a fresh engineer who specializes in Business Analytics can be upward of Rs. 6 lacs. More than 60 students have already completed certification on programming in R on Datacamp.



### Internet of things ( IoT )

World is getting interconnected and so are devices. Underlying technology behind new innovations like Driverless cars, Smart Cities, Smart homes is Internet of Things ( IoT). The graduate will be ideally positioned with a unique combination of knowledge in a new and exciting field. Techno NJR students have already designed Smart Lake Water Monitoring System based on IoT which can show status of lake water on your mobile phone anytime of the day.





"Technology will not replace great teachers but technology in the hands of great teachers can be transformational."

## FACULTY

### CHIEF MENTOR



**Lalit Yagnik**  
M.Tech (BITS Pilani),  
Executive Leadership  
(Cornell, USA)  
Experience - 30 Years  
with IBM Australia & India

### MENTOR



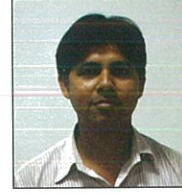
**Aaditya Maheshwari**  
MS  
Google Developers Group  
Selected as Student Mentor  
by Google & IBM  
Experience - 5 Years

### BUSINESS ANALYTICS GROUP



**Jitendra Shrimali**  
B.Tech (IIT, Chennai),  
PGDM (IIM, Bangalore),  
Ph.D  
Experience - 20 Years

### NETWORKING & CYBER SECURITY



**Sandeep Upadhyay**  
MS (BITS, Pilani)  
Experience - 10 Years

### SYSTEM PROGRAMMING



**Mukesh Menaria**  
M.Tech (IIIT, Bangalore)  
Experience -5 Years  
with Intel & Qualcomm

### ANDROID PROGRAMMING



**Gaurav Kumawat**  
M.Tech.  
Experience - 12 Years

### WEB APPLICATION



**Pankaj Chittora**  
M.Tech.  
Experience - 8 Years

### CLOUD COMPUTING



**Kiran Acharya**  
M.Tech.  
Experience - 2 Years

### DATA STRUCTURE & ALGORITHMS



**Kirti Dashora**  
M.Tech.  
Experience - 8 Years

### JAVA PROGRAMMING



**Pankaj Ameta**  
B.Tech.  
Experience - 2 Years

## PLACEMENTS



**TECHNO INDIA NJR**  
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**For Programme details Contact:**

**Sandeep Upadhyay +91 8696932745**

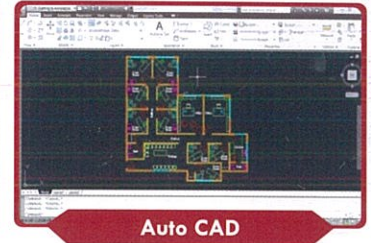
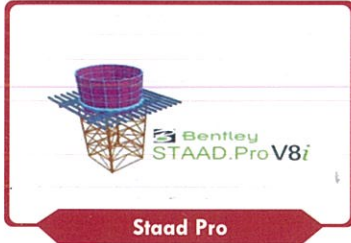
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[www.technonjr.org](http://www.technonjr.org)

# DEPARTMENT OF CIVIL ENGINEERING

## SOFTWARES & INSTRUMENTS



## ACTIVITIES

- ❖ Survey Camp includes Levelling, Contouring, Estimation, Project management
- ❖ Remote Sensing and GIS based Training for advance surveying techniques
- ❖ Architectural Planning in AutoCAD and Revit Software
- ❖ Structural Design in Staad Pro
- ❖ Training on AR/VR (3ds max)

## FACULTY



**Dr. Sangeeta Choudhary**  
Ph.D. - MBM Engg. College



**Shantanu Sharma**  
M. Arch. - Urban Planning



**Divya Sharma**  
M. Arch. - Landscaping



**Rakesh Yadav**  
M. Tech. - Structural Designing



**Nishit Jain**  
M. Tech - Construction Management



**Jitendra Choubisa**  
B. Tech.



**Bharat Suthar**  
B. Tech



**Bhupendra Purohit**  
B. Tech.

## ALUMNI



**Shubham Lohar**  
MS. Kingston Univ. ,  
London, UK



**Shubham Dhadhish**  
CAT - 95.57 percentile



**Lokesh Puri Giswami**  
ACE Project Management  
Consultant



**Dakshay Bhagtani**  
UniBIM



**Ankit Mishra**  
Udaipur Smart City Limited  
(L&T Construction)



**Rahul Soni**  
Udaipur Smart City Limited  
(Eptisa Servicios de Ingenieria  
S.L. Construction)



**Divya Patidar**  
Pinnacle Infotech



**Jishan Khan**  
Pinnacle Infotech



**Kritika Kumawat**  
Pinnacle Infotech



**Parikshit Suthar**  
Pinnacle Infotech



**Yash Bhardwaj**  
Pinnacle Infotech



**Deepak Bhojak**  
Rang Technologies

# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## HARDWARE & SOFTWARE

- ❖ Matlab
- ❖ Pspice
- ❖ Verilog
- ❖ LabView
- ❖ PCB Designing
- ❖ Analog circuit design
- ❖ LT Spice
- ❖ Python
- ❖ FEKO, ADS Genesys and System



## Activities

- ❖ IEEE Student branch of Techno India NJR conducted National workshop on Internet of Things IoTech-2019 (5th -6th February 2019)
- ❖ Two days IEEE Arduino Bootcamp conducted on 22nd -23rd February 2019
- ❖ ECE Students has successfully completed 2 weeks summer internship on "Semiconductor Device Fabrication & Characterization" held at MUJ during June 2018
- ❖ ECE students has successfully completed the 06 week skill development course on "Internet of Things" for Students and Professionals" held at CSIR-CEERI Jaipur Center during June – July 2018

## Achievements

"SMART WELL MONITORING SYSTEM for Villages"  
ECE Students won the following prizes at Intel Hacks 2017

- ❖ Second Prize overall (Prize US\$ 5000)
- ❖ Best Student Project (US\$ 1000)



## FACULTY



**Pradeep Chhawchharia**  
M.E. (BIT, Ranchi)  
M. Phil.  
(Hongkong Polytechnic Univ.)



**Dr. Vivek Jain**  
Ph. D



**Nitin Kothari**  
M. Tech



**Yogendra Solanki**  
M. Tech.



**Rajeev Gaur**  
M.E.

## ALUMNI



**Divya Sighatwaria**



**Ritvik Dave**



**Deepankshi Chittora**



**Surbi Duggar**



**Nimisha Agrawal**

## HIGHER STUDIES



**Toshal Pandya**  
University of  
New Haven



**Varun Bhatnagar**  
Karlsruher Institut fur  
Technologie (KIT) Germany

## DEPARTMENT OF

# ELECTRICAL ENGINEERING

### Hardware & Software Training by Experts

- Power Plant Training By Thermax
- PLC SCADA Training
- MatLab
- PSCAD/EMTDC
- LabVIEW
- LTSpice
- ARDUINO
- PSPICE
- PCB Designing



### Activities

- Power Supply Design
- Transformer Design
- SMPS Design
- Controller Based Latest IC's
- PLC Based Project
- IOT Project
- Smart Grid Technology
- Smart Metering
- Electrical Vehicle
- Solar System Design



Partnership :

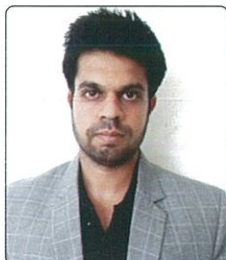


**SECURE**

### Faculty



**C.P. Jain**  
M.Tech Control System



**Abrar Ahmed**  
M.Tech Power Electronics



**Rajkumar Soni**  
B.Tech - EEE



**Ashika Sharma**  
B.Tech - EEE



**Lalita Vaishnav**  
B.Tech - EE

### Alumni

**QUALCOMM**



**Hitesh Jain**  
Package : 22 LPA



**Tanuj Sharma**

**SECURE**



**Shreedha Dutt**



**Hemendra Roa**



**Yoshita Purohit**



**General Electric**



**Divyanshi Chauhan**



**Gaurav Patwa**

### HIGHER STUDIES



**Rohan Patel**  
MS. University of  
Southern California



**Mitesh Somani**  
MBA. IIM Udaipur



**Ankit Chobisa**  
MS. University of  
Karlsruhe, Germany

# DEPARTMENT OF MECHANICAL ENGINEERING

## TRAINING

- ❖ Industrial Robotics and Mechatronics Training (KUKA Robot, Germany & Yaskawa Robot, Japan).
- ❖ Bosch Rexroth (Industrial Automation Technology).
- ❖ Training on Power Plant Engineering by Thermax Pvt. Ltd.

## ACTIVITIES

- ❖ Mechanical Engineering student teams at Techno India NJR have been working on projects to develop E Bike, ATV and HVC.
- ❖ Completed Industrial projects on designing LED lights and solar lights for Kundan switch gear Pvt. Ltd. Udaipur.
- ❖ Students designed and fabricated their own 3-D printer .

## TECHNICAL EVENTS

- ❖ Expert Lecture on "Renewable Energy for Automobile and Smart City Applications"
- ❖ Hands on workshop on "BAJA ATV Designing & Fabrication"
- ❖ Seminar on " Advances in MEMS & Robotics in Manufacturing Industries"
- ❖ IITE Foundation Day Celebration: "SWACHH BHARAT –SUNDER BHARAT"
- ❖ Roadshow on Industrial Automation & Robotics

## SOFTWARE AND EQUIPMENTS

- ❖ CNC Machine (Servo & PLC Based).
- ❖ CutViewer (CNC Simulator).
- ❖ BMW Twin Power Turbo in-line 4 cylinder diesel engine and the BMW eight-speed Steptronic automatic transmission system.
- ❖ 3D Printer.
- ❖ Solidworks (Dassault Systèmes).
- ❖ ANSYS (FEA Simulation Software).
- ❖ AutoCAD (by Autodesk).
- ❖ Computerized UTM (600 kN).
- ❖ Capstan & Turret Lathe.
- ❖ Turbine Test Rigs (Pelton, Kaplan and Francis) & Centrifugal Pump Test Rig.
- ❖ Load Test Rig for Petrol and Diesel Engines.

## FACULTY



**Dr. Pankaj Porwal**  
Ph. D - Cornell  
University,  
USA B.Tech. - IIT Mumbai



**Lokesh Malviya**  
M. Tech.



**Vishnu Agarwal**  
M. Tech.



**Shambhu Choubisa**  
M. Tech.



**Himanshu Pandya**  
B. Tech.

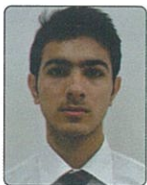


**Abhishek Sharma**  
B. Tech.

## ALUMNI



**Lokesh Patel**  
TU, Germany  
MS, BITS Pilani



**Gyandeep Trivedi**  
Nordhausen University,  
Germany



**Bhavesh Talreja**  
Bosch



**Ayush Singh**  
TCS



**Ayush Kumar**  
Mahindra  
& Mahindra



**Girish Pariyani**  
Mahindra  
& Mahindra



**Deepak Paliwal**  
Yaskawa Robotics



**Vishal Joshi**  
Yaskawa Robotics



**Gaurav Jain**  
Pinnacle Infotech



**Shubham Gandhi**  
JK Tyre



**Dharmendra Vaishnav**  
Infosys



**Jaideep Bhojak**  
Infosys



**Gaurav Jain**  
Infosys



**Harsh Chittora**  
Thermax



**Tejasv Mehta**  
Thermax



**Tulsi Ram**  
Thermax



**Jitendra Ranawat**  
BYJU's



**Viraj Vora**  
BYJU's