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# JHULELAL INSTITUTE OF TECHNOLOGY

Approved by AICTE, DTE & RTMNU, Nagpur

DTE College Code: EN4139

Grow  
to a new level of excellence  
in world-class higher education



**JIT** | **PROSPECTUS**  
2016-2017



### About the Institute

Jhulelal Institute of Technology is governed by Samridhi Sarwajanik Charitable Trust with a noble cause of providing quality technical education to the students in Central India. The society has eminent persons from the fields of technology and education on its governing body and academic advisory council.

The institute is situated in a pleasant natural setting, 12 km away from the zero miles, off Koradi road. The peaceful environment in the campus provides ideal atmosphere for academic pursuit, concentrated studies and research. Being in the geographical centre of India, Nagpur has easy connectivity with other parts of country by air, rail & road.

### Vision

- To become an eminent institution through knowledge & research.

### JIT College Building



### Mission

- To produce world class engineers with academic & moral excellence who are not only equipped with cutting edge technology, but also possess immense sense of social responsibility.
- To inculcate awareness & acceptance of ethical values through co-curricular activities for overall personality development of students.

### Recognition

In the ninth year of its inception, we have maintained our position amongst one of the top private engineering colleges. We have achieved remarkable placements, with our students getting recruited in some of the reputed companies like Infosys, TCS, L&T InfoTech, Mphasis, Zensar Technologies, HCL, Tech Mahindra, Persistent, Cognizant etc. The results of college have drastically improved and more than 150 JIT students also have university ranks to their credit. The students are trained through various training programs as a part of its industry-institute interaction.



### Our Chief Mentor



It is a sense of deep satisfaction for me to express my heartfelt feelings for the upcoming batch of JIT, Nagpur. The institution though not a very old established one, has created positive waves in the academic circles through various achievements of its students and staff members. The training imparted to the students to imbibe positive human values and for inculcating social responsibilities has made it one of the most sought after Technical Institution of the region. I'm glad to know that despite a tough period of recession, the Training and Placement team has done a splendid job to make JIT'S stakeholders-its students-a most employable product.

I'm sure that the hardwork put in by management, teaching and non teaching staff and the students, will take the institution a long way to achieve excellence. All the best to all.

**Hon'ble Shri. Devendra Fadnavis**  
Chief Minister, Maharashtra

### Awards and Accolades

- Education Excellence award 2014, to JIT as "Most Promising Upcoming Private engineering college in Nagpur" by Brands Academy, New Delhi.
- "Emerging Institute in Technical Education, Maharashtra, for the year 2013-14", by All India Technical and Management Council, New Delhi.
- "Shikshan Ratna" award to Shri Pramod Pampatwar, Director Technical, JIT, by AITMC, New Delhi.
- "Women's Achievement Award" conferred upon Ms. Madhavi Wairagade, Director, HR & Administration, JIT, by JCI and Times of India.
- "Best Teacher Award" by ISTE, New Delhi to Dr. Pramod Patil, Principal, JIT.
- Prof. Swati Rahate (HOD, MBA), Prof. Santosh Asia (Deptt. Of Applied Chemistry), & Prof. Vibha Bhusari (Deptt. Of MBA) were awarded Ph. D., by RTMNU in the year 2015.



## Chairman's Message



Jhulelal Institute of Technology is one of the leading educational institutes in central India. Our initiatives are mainly based on creating strong academic foundation for social, cultural, economic & technological development, which in turn, shall establish benchmark in academic excellence and shall prepare our students to face career challenges successfully. We, at JIT, are committed to imbibe in our students, the need to become a superlative human being, helping them to lead life of dignity & prosperity. The institution through a team of dedicated & highly qualified faculty strives to widen the students' horizon of learning, helping them to achieve their goals.

In a short span of its existence, the college has bagged several university ranks. The placement scenario of the college has been commendable & many premier companies have visited our college for recruitment process. JIT has been the host of 2 international conferences in the past & we are leaving no stone unturned to impart quality technical education to our students.

I am extremely pleased to welcome you, to be a part of our fast expanding family & pray the almighty to bless you with a great future.

**Shri. Mahesh Sadhwani**

## Secretary's Message



Well known for inculcating high moral values in its students, JIT has now turned out to be a crucial platform in the career building of innumerable of its students. An institution of great repute for providing quality technical education, the college has been successful in attracting major recruiters to its campus, for their placement drive. The effort taken by hardworking and high quality staff members has made JIT an ideal place for learning, for many of its students. The innovative teaching learning methods adopted in JIT have helped the students to apply out of the box thinking required today to become successful Engineer.

**Shri. Virendra Kukreja**



## Treasurer's Message

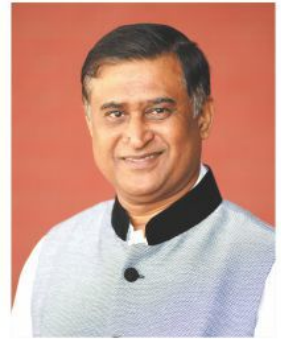


JIT, since its establishment has always worked for the well being & thorough grooming of its students. This is done through extensive counseling by the teacher-mentors. This helps them to evaluate their progress, work on their weaknesses guiding them to success. The institute is administered successfully, as "Students First" philosophy is strictly followed, which makes the staff & management easily accessible to our stakeholders. JIT has also tie-ups with eminent companies providing opportunity for summer schools, internship and various training programmes & IIT certifications. My best wishes to all JIT aspirants for a wonderful career & great future ahead.

**Shri. Jayprakash Sahajramani**

## Director Technical's Message

I'm extremely pleased to introduce JIT to all aspiring Engineers. Since the inception of JIT, we have aimed at developing competent technocrats committed to excellence and groomed them to understand their social responsibilities also. To achieve this aim, we have selected best of the faculty members delivering their quality inputs & thus making our students a cherry picked group, for the recruiters. The institution holds a glorious feedback & a proven track record of running institutions in the field of Engineering, Management and M.Tech. courses, successfully. The kind of training provided to the students not only trains our students for technical superiority, but also prepares them to face global challenges. Various awards and accolades bestowed upon us depict a lot about our great institution. Having MOU with industries, Institutions and Govt. organizations is our priority. Students are enriched with these interactions and this certainly helps them fetch outstanding placements. Mentoring done for specific companies, specialized training helps the students to get good jobs.



**Er. Shri Pramod Pampatwar**, B.E.(Mech.), MBA(Finance), Ph. D. (Pursuing)

## Message from Director, HR & Administration



Education enables a student to face new challenges, achieve progress & lead a satisfied & successful life. We at JIT groom our students to thrive for the best to make them knowledgeable in their respective branches of Engineering, preparing them not only for academic brilliance but also to enhance their hidden skills. This is achieved through student participation in various personality development programmes conducted throughout the year. JIT has also hosted two international conferences so far & produced more than 150 university rankers in a short span, creating a bench mark. It is the aim of the management and faculty who are committed to continually improve & deliver competitive quality education to the utmost satisfaction of students, their parents & potential employers. I wish all the best to all the students for a brilliant career ahead.

**Er. Ms. Madhavi Wairagade**, B. Tech.(Chem. Engg.), MBA(HR), Ph. D. (Pursuing)



## From the Principal's Desk



I'm pleased to welcome you at JIT, one of the most happening Engineering colleges of Central India. The college established in 2008, has successfully completed 8 years of excellence & has moulded innumerable of its students to become a thorough professional & a better human being. Entering into this wonderful institute shall widen the horizons of your knowledge. The student-centric activities & thorough grooming by a dedicated team of efficient teachers shall help you to reach the top of the world. The teacher mentors shall help you to extend the depth & breadth of your knowledge & I'm sure that the T & P team will surely go all the way to make you a more employable product.

Have a great time & a successful professional life.

### Dr. Pramod Patil,

Ph.D. (Electronics Engineering), M. E. (Advanced Electronics)

## Message from Vice-principal



It gives me pride & satisfaction to welcome you to one of the fast progressing Engineering College in Central India. It is an institute where discipline and punctuality with conducive environment will provide quality education development in frontier areas of Engineering and Technology. With strong team work we would achieve technological excellence in a highly competitive environment around us. We have high class infrastructure with well equipped Laboratories, Class rooms, Library, Computer Centre, Cafeteria, Sports, transportation facilities, medical help on campus and a sprawling lawn. I'm sure you all will enjoy your stay on the campus & transform yourself in the best possible way for the benefit of society in general & potential recruiters in particular. May God bless you all with all the wisdom & successful profession.

### Dr. Debashish Bhowmick,

Ph.D, M.Phil., M.Sc. (Physics), M.B.A., B.Ed.

## Our Quality Policy

- To be the most preferred Institute of Engineering & Technology equipped with state of the art facilities, to develop technically qualified techno-entrepreneurial class of value based global industry leaders, imparting comprehensive technical education, through highly competent and dedicated staff, ensuring continual improvement of quality in education.

## Prizes & Scholarships from the Institute

- Policies have been made by Institution for scholarships, cash prizes etc. to the students for their excellent performances in academics:
- The Management of JIT awards a LAPTOP to the students securing 1st Position in RTM University Examination. Till date, 7 LAPTOPs have been awarded to the top University rankers.
- A cash scholarship of Rs. 50,000/- to students, contributing in realty branches by CREDAI, Maharashtra.
- Late Er. Shri Mohandasji Chotrani memorial scholarship for economically weaker candidates securing highest marks in 12th standard, seeking admission in JIT.
- Free education to girls from nearby villages.
- Free education to children of soldiers sacrificing their lives for their nation.



## Courses Offered

### Undergraduate Programme (B.E.)

Course Code	Course Name	Intake (1 <sup>st</sup> Year)	Intake (2 <sup>nd</sup> Year)
413961210	Mechanical Engineering	60	12
413929310	Electrical Engineering	60	12
413924210	Computer Science & Engineering	90	18
413937210	Electronics & Telecommunication Engineering	60	12
413937610	Electronics Engineering	60	12

### Postgraduate Programme

Course Code	Course Name	Intake (1 <sup>st</sup> Year)
413910110	Master of Business Administration	60
413935910	M.Tech. (VLSI)	24
413924210	M.Tech. (CSE)	24



## Admission Process

### Eligibility Criteria

As per the norms of Directorate of Technical Education, Maharashtra, the eligibility criteria for taking admission in Engineering is as follows:

#### First Year B.E.

Candidate should be an Indian National and should have passed HSSC exam of M.S. Board of Secondary and Higher Secondary Education or its equivalent exam with subjects English, Physics, Mathematics & Chemistry/Bio-technology/Biology/Technical Vocational subjects.

AND

Secured minimum 50% marks (45% marks in case of candidates of Backward class categories and person with disability, belonging to Maharashtra state only) in the subjects Physics, Mathematics & Chemistry/Bio-technology/Biology/Technical Vocational subjects added together.

AND

Should have appeared in Common Entrance Test (MHT-CET 2016)/Joint Engineering Entrance (JEE 2016) Mains Exam with subjects Physics, Chemistry & Mathematics.

#### Direct Second Year B.E

The candidate should have passed Post-SSC or Post-HSSC Diploma course in Engineering/Technology with minimum 45% for open and 40% for reserved category\*.

OR

The candidate should have passed B.Sc. Degree# from UGC/Association of Indian Universities with minimum 45% for open category and 40% for reserved category\*. Also passed HSSC with English as medium of instruction and Mathematics as a subject.

\*Reserved category from Maharashtra state only.

#B.Sc. stream candidates will be considered after Diploma stream students. They are required to pass the subjects of Engineering Graphics/Engineering Drawing and Engineering Mechanics along with second year subjects.

#### MBA

The candidate must be a graduate of any discipline with a minimum score of 50% for open category and 45% for reserved category.

The candidate should have non-zero score in MAH-MBA/MMS-CET 2016. The candidates should have obtained a score in CMAT/XAT/CAT/MAT/JMET/ATMA (including Test, GD & PI) are also eligible.



## M.Tech.

Candidate should be an Indian National possessing Bachelor's degree or equivalent in the relevant field of Engineering / Technology from an AICTE/MHRD approved institutions, with atleast 50% aggregate Marks (atleast 45% marks in case of candidate of backward category & person with disability belonging to Maharashtra state only).

OR

Appeared for the final year examination of Bachelor's degree or equivalent in the relevant field of Engineering/ Technology from an

## Documents required

Candidates must purchase the prospectus from our office and fill the Admission Request Form (ARF) stating their order of preference for the branch.

**Following original documents with 3 set of photo copies along with the ARF are to be submitted:**

1. SSC Marksheet.
2. HSSC Marksheet.
3. Graduation Marksheet & CMAT/CET Score card\*
4. School/College Leaving Certificate.
5. JEE (Main)-2016/MHT-GET Score card.
6. Birth Certificate or Domicile certificate (if place of birth is not mentioned on leaving certificate).
7. Nationality Certificate (if nationality is not mentioned on leaving certificate).
8. CAP seat Allotment letter.
9. Aadhar Card & 3 passport size photos.
10. Caste certificate along with Non-Creamy layer certificate,

## Fee structure for the session 2016-2017 (adhoc)

Course	Interim Tuition Fees #	Caution Money*	Hostel Fees**
First Year B.E.	₹ 80,250	₹ 5,000	₹ 75,000
Direct Second Year B.E. (After Diploma)	₹ 86,670	₹ 5,000	₹ 75,000
M.Tech.	₹ 68,589	₹ 5,000	₹ 75,000
MBA	₹ 64,995	₹ 5,000	₹ 75,000

\*Refundable at the time of leaving the institute.

# Students to pay tuition fee, as per fixation by Shikshan Shulka Samiti, Government of Maharashtra, in due course for the year 2016-2017.

Rules for refund of fee for cancellation of admission (in any quota) are as per the DTE notification.

AICTE/MHRD approved institution,  
AND  
Should have obtained a GATE Score.

## Minority Quota

Being a Sindhi minority institute, seats are reserved for candidates with Sindhi mother tongue. 51% seats are filled in linguistic minority managements quota. 20% seats are filled in management quota and rest through government Common Admission Program (CAP)\*.

\*Visit [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in) for CAP details.

updated till 31st March 2017 (NCL Certificate is not required for SC/ST category).

11. Caste Validity Certificate or Proforma -H signed by student on Rs. 100/- stamp paper.
12. Income Certificate.
13. Eligibility Certificate (if required).
14. Migration Certificate (if required).
15. Educational Gap Affidavit (if required).

\*required for MBA admission

## Note

1. For students belonging to OPEN category, documents from Sr. no. 1 to Sr. no.9 have to be submitted.
2. If student belong to other than open category, additional documents from Sr. no. 10 to 12 have to be submitted.
3. Students belonging to Sindhi Linguistic minority should bring an Affidavit of it, on Rs. 100/- stamp paper.

## Mode of Payment

Payment is to be made by **Demand Draft (DD)** in favour of **"Jhulelal Institute of Technology, Nagpur"**.

\*\*Optional.

Other details will be displayed on the college website and notice board.

**Reserve category candidates taking admission through Centralized Admission Process (CAP) will get concession as per government norms**



## Facilities provided

### Infrastructure Facilities

JIT has excellent infrastructure such as well ventilated classrooms, state of the art laboratories, Computer centre & student activity rooms. It also has a canteen with adequate facilities for the use of staff & students. It provides hygienic and delicious food taking good care of its students' health after a hectic academics and serious class work.

Other facilities like sports (indoor & outdoor), Gymnasium, Music Club for recreation & Transportation facility from all corners of city & nearby places are also provided.

### Air-conditioned Auditorium



### Transportation Facility



### Indoor Sports Facility



### Gymnasium



### Music Club... Rejuvenating experience



### Canteen



### Outdoor Sports Facility





### The Central Library



JIT has one of the best Library facilities which aid the teaching, learning and research-related activities of the institute, using the best information resources and innovative services. It offers rich collections in tangible and digital formats across the broad spectrum of disciplines represented at JIT.

Book Bank facilities, Borrower's ticket Cards etc. are some of the services offered by the library. The library equipped with all the modern facilities provides a self-sufficient environment to the users for their learning and research.

### College Discipline Rules

- As per RTMNU rules, 75% attendance in classes is mandatory. Otherwise the student may be detained and will not be allowed to appear for University Examination
- Attendance in internal examinations and timely submission of assignments is mandatory.
- Students are required to dress in college uniform.
- Students should not cause any damage to the college property.
- The JIT Management along with the parental involvement is committed to a healthy discipline and high academic standards and the students are required to cooperate, to maintain the same.

### As per Maharashtra Prohibition of Ragging Act 1999

- Ragging within or outside the institute is prohibited
  - Whosoever directly or indirectly commits or participates or propagates ragging within or outside the institute shall be punished with imprisonment for term of 2 years and/ penalty.
- Any student convicted of an offence of ragging, shall be dismissed from the educational institute and not be admitted in any other educational institute for a period of five years.

### Computer Centre



The College has a fully equipped Computer Centre with 60 state of the art computers loaded with latest software. Students have access to these excellent facilities, complemented by twenty-four hour internet connectivity (32 Mbps). The entire college is a Wi-Fi campus for internet use of staff and students. The resources and facilities of all labs provide an efficient and effective support to students in their pursuit of academic excellence.

### Reprography & Stationary facilities

The Institute has provided fully equipped reprography facilities in the campus itself, with the latest photocopiers, scanners, printers for photocopies, black & white/color prints etc. and necessary stationary requirements.



### Departments

The success stories of any Institute largely depend on how the various departments of the college perform throughout the year. JIT has achieved the efficient working of all its departments, following a strict academic calendar through serious classwork.

### The various features of its departments are:

- Academic Monitoring
- Evaluation through regular tests
- Regular Parent Teacher meet
- Teacher Mentor Scheme
- Forum Activities
- Industrial Visits
- Guest Lectures & Workshops

### The following is a brief recap of all its academic departments...

### B. E. First Year Department

The Foundation of Engineering...

Engineering is a discipline & art of applied, scientific, mathematical, social & practical knowledge to design, build structures, machines, systems for improving the living standards & comforts of people. The foundation of Engineering is thus laid through principles of Physics, Chemistry, Mathematics, Communication skills, Computational skills & basics of electronics engineering. The department being an integral part forms the life of the Institution, teaching its students to face the global challenges, successfully.

### A few faculty members from the B. E. First Year Department

Name of faculty	Designation	Qualification	Experience
Dr. Debashish Bhowmick	Professor & Vice-Principal	Ph.D., M.Phil., M.Sc. (Physics - 3rd Univ. Merit) M.B.A., B.Ed., PPGD - Nano Technology	21 Years
Prof. Kalpana Koli	Assistant Professor	M.Phil., M.Sc. (Mathematics - Gold Medalist)	26 Years
Prof. Archana Sahasrabhojane	Assistant Professor	M.Sc. (Physics), Diploma in Computers, NIIT	18 Years
Dr. Indrani Dassarma	Assistant Professor	Ph.D., M.Sc. (Chemistry), DBM, Diploma in HR, German Language (1st Univ. Merit)	11 Years
Prof. Gulshan Makkad	Assistant Professor	M.Phil., M.Sc. (Mathematics - 3rd Univ. Merit)	10 Years
Dr. Santosh Asia	Assistant Professor	Ph.D., M.Sc. (Chemistry), PGDIT	09 Years
Prof. Pallavi Gajbhiye	Assistant Professor	M.Sc. (Mathematics - 4th Univ. Merit)	07 Years
Prof. Rakesh Shambharkar	Assistant Professor	M.Tech. (Structural Engineering)	07 Years
Prof. Biswajit Saha	Assistant Professor	M.Ped., B.Ped., B.A., FCED	05 Years

### Laboratories under the B. E. First Year Department

- Applied Physics
- Applied Chemistry
- Language Lab
- Computer Centre
- Basic Electrical Engineering
- Engineering Mechanics





## Mechanical Engineering Department

The most sought after branch...

Mechanical Engineering is a discipline of Engineering, which applies the principles of Physics & Material Science for design, analysis, and manufacturing of Mechanical Systems. It's a branch of Engineering, involving the production & use of heat & power for the operation of Machines & tools. It thus prepares the Mechanical Engineers to create the future.

### A few faculty members from the Mechanical Department

Name of faculty	Designation	Qualification	Experience
Prof. Amar Kawale	Assistant Professor & HOD	M.Tech.	12 Years
Prof. Safal Shambharkar	Assistant Professor	M.Tech.	11 Years
Prof. Chetan Choudhari	Assistant Professor	M.Tech.	07 Years
Prof. Amit Golait	Assistant Professor	M.Tech.	02 Years



### Laboratories under the Mechanical Engineering Department

- Manufacturing Process I
- Metallurgy Lab
- Theory of Machines Lab
- Heat Transfer Lab
- Mechanical Measurement Lab
- Production Technology Lab
- Machining Process II
- Energy Conversion Lab.
- Refrigeration & Air-Conditioning Lab.
- Machine Design Lab.
- Hydraulics Machines Lab



### Glimpses of activities conducted by Mechanical Engineering Department



Workshop on IC Engines Assembly & Dismantling  
by Prof. Bhambri



Guest lecture by Prof. Yogesh Warudkar  
on Product Life

### Industrial Visits

- Raymond Textiles
- Aerocom Machineries Pvt. Ltd.



## Electrical Engineering Department

The Department of Switchgears & Motors...

Electrical Engineering is a field of Engineering, dealing with study & application of Electricity, Electronics & Electromagnetism. It also deals with designing of electrical appliances & wiring system of electricity for the safe usage. It plays an important role in study of other branches of engineering also.

### A few of faculty members from the Electrical Engineering Department

Name of faculty	Designation	Qualification	Experience
Prof. Rohan Ingle	Assistant Professor & HOD	Ph.D.(Pursuing), M.Tech.	10 Years
Prof. Vaishnavi Deshpande	Assistant Professor	Ph.D.(Pursuing), M.Tech.	06 Years
Prof. Vinod Kamale	Assistant Professor	M.Tech.	06 Years

### Laboratories under the Electrical Engineering Department

- Electrical Measurement & Instrumentation Lab
- Network Analysis Lab
- Electrical Machines Lab I & II
- Electrical Workshop
- Control System Lab
- High Voltage Engineering Lab
- Switch gear & Protection Lab
- Power Electronics Lab
- Computer Lab



### Glimpses of activities conducted by Electrical Engineering Department



Power Plant Familiarization Workshop



Workshop on "Introduction to MATLAB"

### Industrial Visit



JIT students at Kakrapar Atomic Power Station, Gujarat



The project you are most resisting carries your greatest growth.



## Computer Science & Engineering Department

The Study of Graphics & Networks...

Computer Science & Engineering is the study of theoretical foundation of Information & computation & practical techniques. It has many applications in programming language studies, its approach to solve a specific computational problem & is a widely acclaimed branch.

### A few of faculty members from the Computer Science & Engineering Department

Name of faculty	Designation	Qualification	Experience
Dr. Sachin Choudhary	Professor & HOD	Ph.D., M.Tech.	12 Years
Prof. Mona Mulchandani	Assistant Professor	M.Tech.	15 Years
Prof. Nisha Balani	Assistant Professor	M.Tech.	07 Years
Prof. Raana Syeda	Assistant Professor	M.Tech.	09 Years
Prof. Suvarna Hajare	Assistant Professor	M.Tech.	09 Years
Prof. Ajay Karare	Assistant Professor	M.Tech.	06 Years
Prof. Pushpa Chutel	Assistant Professor	M.Tech.	04 Years
Prof. Manju Ahuja	Assistant Professor	M.Tech.	04 Years
Prof. Swara Pampatwar	Assistant Professor	M.Tech.	04 Years
Prof. Amrita Kungwani	Assistant Professor	M.Tech.(Pursuing)	04 Years

### Laboratories under the CSE Department

- Computer workshop
- Computer Networks Lab
- Software Engineering Lab
- Data processing & file organization
- Data Base Management System Lab
- Project Lab-I
- Project Lab-II
- C & Data Structures

### Glimpses of activities conducted by CSE Department



Workshop on "Ethical Hacking" as a Career Option



Students interacting with Director, Infosys at 19th National Conference on e-Governance

### Workshop & Guest Lectures organized:

- Guest lecture on 'Ethical Hacking' by Mr. Surendra Joshi, New Delhi.
- Workshop on 'Java', by Tantarans for 3rd & 4th Year.
- Persistent B.E. project selection programme (online test) for 4th Year.
- Workshop on 'Cyber Security' by Mahesh Rakheja for 2nd, 3rd & 4th Year.
- Workshop on 'PHP' for 3rd & 4th Year.
- Workshop on 'Database Connectivity' by Mr. Amogh Chitnis, Technical head, IT-NetworkZ Infosystems Pvt. Ltd.
- Workshop on 'Emerging trends in IT' by Mr. Deepak Dhote, Operations Manager, IT-NetworkZ Infosystems Pvt. Ltd.
- Workshop on 'Which programming language should you learn and why and overview of Machine learning' at Persistent Systems, Nagpur, by Navin Kabra, Co-founder & CTO Reliscore & Pune tech.com.
- Workshop on 'Hadoop & Python' by Nidhi Sinha, Information and Analytics Manager Infocepts, Nagpur.
- Guest Lecture on 'System Programming' for 2nd year students.
- Seminar on 'Higher Studies in Abroad', by Mr. Vishal Jain, Geebee group for 2nd & 3rd year students.



## Electronics & Telecommunication/Electronics Department

Branch of mobiles & microprocessors...

Telecommunication Engineering is a major field within Electronics Engineering, ranging from basic circuit design to design & installation of equipment & facilities, also overlapping with broadcast engineering. It reduces the budget constraints & designs the project with creative solutions with the use of modern technology.

### A few of faculty members from the Electronics & Telecommunication/Electronics Department

Name of faculty	Designation	Qualification	Experience
Prof. Sanjeev Sharma	Assistant Professor & HOD	Ph.D.(Submitted), M.Tech.	14 Years
Prof. Anil Bavaskar	Assistant Professor	Ph.D.(Pursuing), M.Tech.	10 Years
Prof. Mayuri Chawla	Assistant Professor	Ph.D.(Pursuing), M.Tech.	06 Years
Prof. Adwiti Deoghare	Assistant Professor	Ph.D.(Pursuing), M.Tech.	06 Years
Prof. Nakul Nagpal	Assistant Professor	Ph.D.(Pursuing), M.Tech.	04 Years
Prof. Parinay Lavatre	Assistant Professor	M.Tech.	06 Years
Prof. Siddharth Basu	Assistant Professor	M.Tech.	06 Years
Prof. Sanjay Balwani	Assistant Professor	M.Tech.	04 Years
Prof. Minal Jagdale	Assistant Professor	M.Tech.	03 Years
Prof. Nilesh Dhanore	Assistant Professor	M.Tech.(Pursuing)	03 Years

### Laboratories under the ETC Department

- Electronics Devices & Circuit, Digital Circuits & Fundamentals
- Electronic Measurements & Instrumentation, Power Devices & Machine
- Analog Circuit Design, Electronic System Design
- Software Workshop, Advanced Microprocessor, Project lab.
- Robotics
- Digital Communication, Communication Electronics
- Digital Signal Processing
- Television & Video Engineering, Ultra High Frequency
- Embedded System
- Electronics Workshop
- Microprocessor & Interfacing
- EFY Hobby Lab

### Workshops Conducted

- Workshop on PCB Design and Fabrication Process using ORCAD
- Workshop on FPGA Design Techniques
- Workshop on Microbug
- Workshop on Basic Robotics Designing
- Workshop on Advanced Robotics Designing



Robotics Lab



## Department of Master of Business Administration

Training the trainers... efficiently...

The Department of MBA is a vital part of any educational system. It teaches its students effective managerial skills, optimum use of resources, maximizing the output, minimizing the error in the system. The department can boast of its achievements of students & efforts taken on them for training beyond syllabus.

### A few of faculty members from the MBA Department

Name of faculty	Designation	Qualification	Experience
Dr. Swati Rahate	Assistant Professor & HOD	Ph.D., MBA, B.E.	10 Years
Prof. Sangeeta Kukreja	Assistant Professor	Ph.D.(Pursuing), MBA, B.E.	14 Years
Prof. Shreya Sharma	Assistant Professor	MBA, CS, BCCA	05 Years
Prof. Mahesh Chopde	Assistant Professor	MBA, LLB, PGDIPR, B.Sc.	09 Years
Prof. Akshay Kale	Assistant Professor	MBA, B.E.	04 Years
Dr. Vibha Bhusari	Assistant Professor	Ph.D., MBA	07 Years



The department has been conducting various workshops, industrial visits & other activities of high caliber.

### Glimpses of activities conducted by MBA Department



Stress Management Workshop



Dr. Vinayak Deshpande delivering expert lecture on 'National Income & its Policies'



STTP on 'Managing People & Global Career: The Changed Challenge'



MITCON's Workshop



SEB's Workshop for enhancing financial skills



Vidarbha Industries Association Marketing Workshop



### University Rankers

Name of Student	University Rank
Ruchika Logan	3rd
Namrata Gopchandani	8th
Mayur Kshirsagar	9th

### Industrial Visit conducted

- Spacewood Pvt. Ltd., Nagpur
- Goa Institute of Management, ACC, Cashew Industry
- "District Industries Centre", Civil Lines, Nagpur
- Jindal Steel Works Ltd.



## Department of Master of Business Administration

Training the trainers... efficiently...

### Mr. Kunal Padole

Dean-Training & Placement & Corporate Relations



JIT truly believes in giving its stake holders a wide range of opportunities & good jobs to choose from. The training & placement cell of the college through extensive training programmes, makes the students of JIT, a cherry-picked group for the recruiters.

75% of the eligible students got placements in Campus selection process at JIT, this year. Premiere companies like Infosys, Persistent Systems, Infocepts, ZENSAR Technologies, Amazon, Smart Data, Syntego, Essence IT Solutions, Mphasis, Excellon Software etc. conducted Campus interviews at JIT in a pool campus.

Being smart is our art!  
The T & P cell grooms the students extensively in varied fields like:

- Self Assessment
- CV and the writing of a cover letter
- Career Strategies
- Competency based mock interviews
- Time Management
- Salary Negotiation
- Personalized Coaching
- Networking
- Personality Development

### Graphical representation of placed students for last 3 years



### A few of staff members from the T & P Department

Name of faculty	Designation	Qualification	Experience
Mr. Kunal Padole	Dean-Training & Placement & Corporate Relations	MBA-Marketing, MBA-HR, PGDM, B.A. (Eng. Lit.), BMC	10 Years
Mr. Faizan Ur Rehman	Marketing Executive / T&P Coordinator	MBA, B.A.	03 Years
Ms. Bhavana Kewalramani	Assistant Professor	MBA, B.B.A.	02 Years

The T & P Cell has a well-equipped conference room and separate, well-ventilated furnished rooms for interviews and counseling.

### Glimpses of pool campus interview at JIT.



### JIT has tie-ups & signed MOUs with

- CDAC, as authorized centre for software training
- EFY (Electronics for You)
- MACCIA Maharashtra Chamber of Commerce Industry & Agriculture
- Houston University, USA
- University Putra Malaysia



## List of placed students (2015-16)

College of Education that pays dividends...

The following students of JIT got placements in various companies, the details of which are as given below:

Name of student (Name of companies)	Branch	Name of student (Name of companies)	Branch	Name of student (Name of companies)	Branch
<b>Persistent</b>					
Manish Makhija	CSE	<b>Smart Data</b>		<b>XL Dynamics</b>	
Dharmendra Godhani	CSE	Mitali Tiwari	CSE	Hema Manglani	ETC
Nikita Thadani	CSE	<b>Bitwise</b>		Khushbu Singh	ETC
Perna Singh	CSE	Dharmendra Godhani	CSE	Ayushi Gupta	ETC
Geeta Kewalramani	CSE	Suraj Sharma	CSE	<b>I Serve</b>	
Jaya Goplani	CSE	Renuka Sachani	CSE	Chitra Jugnesia	ETC
Neha Ledwani	CSE	Mitali Tiwari	CSE	<b>Altius</b>	
Pratibha Dholwani	CSE	Abhishek Israni	CSE	Priyanka Gogiani	CSE
Rahul Panjwani	ETC	Geeta Kewalramani	CSE	Kiran Chandani	CSE
<b>Infocepts</b>					
Manish Makhija	CSE	Rohan Agrawal	CSE	Dolly Chhabriya	CSE
Ankita Bhattacharya	CSE	Divya Sachani	CSE	Nisha Rahandani	CSE
Roshni Assudani	ETC	Puran Singh	CSE	Divya Gurnani	CSE
Ravi Tanwani	ETC	Neha Ledwani	CSE	Manish Chandwani	CSE
Ruchi Ghare	ETC	<b>Mphasis</b>			
<b>ZENSAR Technologies</b>					
Raina Chanchlani	CSE	Suneet Singh	CSE	<b>Man United</b>	
Suraj Sharma	CSE	Syntego		Divya Harwani	ETC
Abhishek Israni	CSE	Supriya Raut	CSE	Hema Manglani	ETC
<b>Infosys</b>					
Chander Wankhede	ETC	<b>E-Sense IT Solutions</b>		Khushbu Singh	ETC
Rishab Puri	EN	Sagarika Mahapatro	EN	<b>Inspire</b>	
Nidhi Wanjari	CSE	<b>Excellon Software</b>		Kaushik Vaswani	CSE
Swagata Wanjari	ETC	Deepak Gurnani	CSE	<b>Syntel (Shortlisted Candidates)</b>	
Akshay Singh	ETC	<b>Epic</b>		Supriya Raut	CSE
Gurleen Sasan	ETC	Rahul Shrivastava	ETC	Lucky Ramchandani	CSE
Arpan Bhojwani	ETC	<b>ITS</b>		Neha Kapse	CSE
Debojyoti Das	ETC	Vishnu Lambe	ETC	Sagarika Mahapatro	EN
Naved Sheikh	ETC	<b>AIWA</b>		Pranjali Patil	CSE
Pranjali Patil	CSE	Tushar Garnokar	EN	Ketan Thote	ETC
Ketan Thote	ETC	<b>Grace EduNet</b>		Arpan Bhojwani	ETC
Chanchal Patel	ETC	Ganesh Jhamnani	CSE	Akshay Singh	ETC
<b>Amazon</b>					
Rahul Shrivastava	ETC	Mrunali Wagh	ETC	Hema Manglani	ETC
Ashwin Kulkarni	EN	Pawan Kurve	EN	Debojyoti Das	ETC
Parosh Dey	CSE	Pranay Meshram	EC	Sheetal Deshmukh	EN
Monica Nath	EC	Nidhi Chourasia	ETC	Priya Virwani	CSE
Divya Kalra	CSE	Bharti Wadhvani	CSE	Rahul Shrivastava	ETC
Anusha Thakwani	CSE	Shubham Jumde	ETC	Vishnu Lambe	ETC
Ayushi Kashyap	ETC	Pallavi Chaowhan	CSE	Khushbu Singh	ETC
Lucky Ramchandani	ETC	Prashant Gechude	EC	Shallu Sivane	EN
Neha Kapse	ETC	Dolly Lohana	CSE	Aastha Sharma	ETC
Nidhi Wanjari	CSE	Roshan Sonkusare	ETC	Ashwin Kulkarni	EN
Prajwalit Lanjewar	CSE	Ritesh Sharma	EC	Neha Methwani	CSE
		Deepanshu Namdeo	CSE	Samridhi Naik	ETC
		Pankaj Chauhan	ETC	Shubham Jumde	ETC
		Subodh Mandape	ETC	<b>Goel Ganga (MBA)</b>	
				Milind Gajbiye	MBA
				Shubhangi Kelkar	MBA
				Krishma Guddhe	MBA



## The happy lot of placed students



## Our Recruiters




## Campus Activities

Life @ JIT...

A new beginning... a life changing experience...

### AAGMAN-2015: An Induction Program for newly admitted students



BE First Year



MBA - First Year



## Jalosh - Annual Cultural Festival

- JIT-Jalosh is an annual cultural festival organized every year by the college.
- There are many exciting events like Singing & Dance Competition, Rangoli Contest, Art Fest, Quiz, Personality Contest, etc.



Singing



Fashion Show



Prize Distribution

## National Tech-fest Shikhar 2016

- Shikhar is a national level tech-fest conducted every year for Engineering and Management students where more than thousand students from various engineering colleges participate.
- It's a two-day technical festival with various competitions like Robo Submarine, Robo Race, Robo Soccer, Drag it, Techno Hunter, Line Follower, Project Exhibition, Junkyard Wars, Microbug, Paper Presentation, Aqua-tecture, Sales Promotion, LAN Gaming, Final Cut, Techno Hunter, Insomniac, Backyard Science, Blind C, Clickture Moto



Shri Nitin Bawankule, Director, Google India  
Inspecting Project Exhibition



Robo Soccer Competition



Robo Race



## Skill Development Activities

Understanding social responsibilities, the JIT way...

DISHA-2015-a computer training programme for school children & women from nearby villages is conducted every year.



## NSS (National Service Scheme) & Rotaract Club

- Every year NSS and Rotaract Club organizes various events like blood donation camp, health & hygiene awareness, old garments distribution for underprivileged people, food grain donation, tree plantation, stationery distribution to underprivileged students, etc.
- They also organize various college level activities such as Independence Day, Republic Day, Ganesh Festival celebration, etc.



Blood Donation Camp



NSS Camp at Lonara



Joy of giving



"Swachha Bharat Abhiyan"



Tree Plantation by NSS & Rotaract Club



Visit to 'Home for Aged & Handicapped'



Nail Cutter Distribution  
& Health Awareness Program



## Women Redressal Cell



Workshop on Women Empowerment & Prevention of  
Sexual harassment at workplace  
by Adv. Bangde, Member, Mahila Aayog



Gain Confidence, Reduce Fear:  
Self-Defense Workshop for Women



### Trophies: Our Tradition... UNIVERSITY RANKERS IN B.E. (2015-16)

More than 150 students have written their names on the walls of JIT by securing a place in RTM Nagpur University, so far. Last year was not an exception for both UG & PG Courses. Following is the list of achievers in the Engineering stream:

#### UG Courses: B. E. (Summer 2015)

University Rank	Name	Semester	Branch
1st	Rasika Khangarle	V	CSE
1st	Khushbu Lalwani	VIII	ETC
2nd	Ketan Thote	VII	ETC
3rd	Yash Sugandh	III	CSE
4th	Geeta Kewalramani	VII	CSE
4th	Rekha Sharma	IV	ETC
6th	Rutuja Deshmukh	IV	CSE
6th	Rekha Sharma	V	ETC
8th	Rasika Khangarle	IV	CSE
8th	Chirag Arora	III	CSE
8th	Pankaj Keswani	VIII	ETC
8th	Ayushi Gupta	VII	ETC
9th	Nishigandha Nishan	IV	ETC
10th	Madhavi Andhare	V	EN
11th	Santosh Sakore	V	EN
12th	Divya Sachani	VII	CSE
14th	Saurabh Mahajan	IV	CSE
15th	Rutuja Deshmukh	V	CSE
15th	Deepak Gurnani	VII	CSE
17th	Rakshanda Walke	IV	ETC
17th	Divya Gurnani	VII	CSE
20th	Akshay Magnani	V	CSE
20th	Nishigandha Nishan	V	ETC

#### PG Courses: M.Tech. (Summer 2015)

University Rank	Name	Semester	Branch
1st	Swati Kakde	II	ETC
2nd	Sonam Fulwadhwani	II	ETC
4th	Gaurav Sambhe	II	ETC
4th	Sanjana Panjwani	I	CSE
5th	Amrita Kungwani	II	CSE
6th	Nilesh Dhanore	II	ETC
8th	Amruta Pathe	II	ETC
8th	Snehal Sarwe	I	CSE
8th	Afshan Jabeen	II	CSE
9th	Vikrant Chhapekar	II	ETC
9th	Bhagyashree Meghani	II	CSE
10th	Shabi Ansari	II	CSE
13th	Ajinkya Sarwe	I	CSE
20th	Sonia Bajaj	II	CSE

#### Special Achievement of Students

- Girishma Batra, from Department of ETC, bagged 2 gold medals "K.B.L. Seth Memorial foundation Gold Medal" and "G.H. Raison Memorial Gold Medal" at the Convocation Ceremony, organized by RTM, Nagpur University for securing 1st position in RTMNU B.E Summer 2014 Examination.
- Kalyani Damle, a final year student from Department of ETC, won the 3rd prize in the essay competition organized by the AICTE & DTE on the occasion of the celebrations of the 8th National Education Day, in western region for her essay on "Importance of Education and Nation's Commitment to Education at Large".
- Parosh Dey, a student of IV year CSE, represented Maharashtra as Best Cadet in RDC Republic Parade at New Delhi, India.
- Kalyani Damle & Smriti Shriwas, final year students from Department of ETC participated in Indian Medical Device Expo. 2016, held at Pune. Only 42 teams from all over the India were selected for participation.
- Simran Surode, a student from B. E. 1 year won 1st prize in an aptitude test on Mathematics 'SUTRA-15' conducted by DBACER, Nagpur.



### The proud toppers with the Principal & HODs of various departments...



### Our dedicated team of teaching faculty...



### Our hardworking team of non-teaching staff...





**Eminent Visitors**



Hon'ble Devendraji Fadnavis & Chandrashekharji Bawankule seeking blessings during Ganeshotsav



Nitin Bawankule, Director, Google India



Rajkumar Hirani, Director



Tushar Kapoor & Claudia Ciesla



Dr. Arti Singh, SP, Nagpur Rural



Prakash Hirani, General Manager, NTPC

**Creating waves, making news... the JIT way**



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(nominated by trust)



Shri. Virendra Kukreja  
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(nominated by trust)



Shri. Pramod Pampatwar  
Member  
(nominated by trust)



Shri. S.E. Choudhary  
Member  
(nominated by trust)



Dr. Ramesh Unnikrishnan  
WRO, AICTE



Yet to receive Nomination.  
An Industrialist / Technologist / Educationist from the region nominated by the State Government



Yet to receive Nomination.  
An Industrialist / Technologist / Educationist from the region nominated by Western Regional Committee of AICTE



Dr. S.K. Mahajan  
Director of Technical Education  
Member Nominee (Ex-Officio)



Dr. Pramod Patil  
Principal, JIT  
Member Secretary



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**Hon'ble Shri. Nitinji Gadkari**  
Union Minister for Road Transport and Highways and Shipping, BJP

### Our Advisor



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