



ARKA Educational & Cultural Trust (Regd.)

JAIN INSTITUTE OF TECHNOLOGY

— D A V A N G E R E —

(A Unit of Jain Group of Institutions, Bengaluru)

(Approved by AICTE New Delhi and Affiliated to VTU, Belagavi)

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UNDER GRADUATE PROGRAMMES

BE

- Civil Engg.
- Mechanical Engg.
- Computer Science & Engg.
- Information Science & Engg.
- Electrical & Electronics Engg.
- Electronics & Communication Engg.

Origin of Ideation and Innovation





For over 25 years, Jain group of Institutions (JGI) has been successfully extending its educational services to the community. As it has been the tradition of Jain group of Institutions, Jain Institute of Technology at Davangere will excel in the field of technical and management education. Our aim is to provide the highest quality of educational experience for students from every walk of life. We want to ensure that our students are well equipped for their careers, professionally, intellectually, and culturally allowing them to make them most of experience and prepare themselves in the best possible way for their future.

| Dr. Chenraj Roychand, Chairman JGI

In this year of globalization, it is the young power of India that is really putting India on the global map. We live in a seamless techno word, where opportunities really know no boundaries. JIT had drawn the essence of tradition and advantages of modernization for academic excellence under the guidance of committed facilitators and the support of the best infrastructure. JIT has become a synonym for profound academic excellence in a short span of time. In an every evolving world filled with new challenges and new revolution, our students will successfully meet the demand for multi disciplinary skills. JIT reducegap encourages and creates winners all the time. JIT step into a world of empowerment.

| Sri. Achalchand Jain, President JIT



Associating with JGI gives me sense of inspiration and happiness. JGI group is serving the society for 25 long years through its educational services and started Jain Institute of Technology, Davangere in the year 2011. At the JIT, Davangere, all our actions are directed towards imparting quality of education through theoretical learning with the virtues of practical training. Delightful learning happens here as we club academics with sports and cultural activity. Students are trained to, excel in their careers, share knowledge, have overall growth and emerge as true leaders.

Welcome to Jain institute of Technology Davanagere.
Celebrate and share your growth as an individual and as a leader.

| Dr. Ganesh D.B, Principal JIT

Jain University (Constituent Colleges and Centres)

School of Graduate Studies, J C Road, Bangalore, Karnataka
 School of Engineering & Technology, Kanakapura, Karnataka
 Center for Management Studies, Bangalore, Karnataka
 Center for Post Graduate Studies, Bangalore, Karnataka
 School of Commerce & Management Studies, Bangalore, Karnataka
 CMS Business School, Bangalore, Karnataka
 Centre for Research in Social Science and Education, Bangalore, Karnataka
 Centre for Emerging Technologies, Kanakapura, Karnataka
 Centre for Research in Pure and Applied Sciences, Bangalore, Karnataka
 Centre for Disaster Mitigation, Bangalore, Karnataka
 Centre for Ancient History & Culture, Bangalore, Karnataka
 Centre for Indian Psychology, Bangalore, Karnataka
 Centre for Advanced Studies in Biosciences, Bangalore, Karnataka
 Chennar Roychand Centre for Entrepreneurship, Bangalore, Karnataka
 International Institute for Aerospace Engineering and Management, Bangalore, Karnataka
 Centre for Nano & Material Sciences

Colleges (Pre-University, Under Graduate, Post Graduate)

Sri Bhagawan Mahaveer Jain College (SBMJ), V V Puram, Bangalore, Karnataka
 Sri Bhagawan Mahaveer Jain College, J C Road, Bangalore, Karnataka
 Sri Bhagawan Mahaveer Jain Evening College, V V Puram, Bangalore, Karnataka
 Sri Bhagawan Mahaveer Jain Evening College, J C Road, Bangalore, Karnataka
 Sri Bhagawan Mahaveer Jain College, K.G.F, Karnataka
 Jain College, Belgaum, Karnataka
 Jain College, Kanakapura, Karnataka
 Jain College, Hubli, Karnataka
 Jain College, Jayanagar, Bangalore, Karnataka
 Jain College, Rajarajeshwari Nagar, Bangalore, Karnataka
 Jain College, Jamshedpur, Jharkhand
 Jain College of Engineering, Belgaum, Karnataka
 Jain College of MCA & MBA, Belgaum, Karnataka
 Jain Institute of Technology, Davangere, Karnataka
 Jain Pre University, Davangere, Karnataka
 Jain Polytechnic, Belgaum
 Jain Polytechnic, Davangere
 Jain College of Engineering and Technology, Hubli
 Jain Degree College, Davangere

Management & Professional Excellence Institutions

MATS Institute of Management & Entrepreneurship, Bangalore, Karnataka
 Human Networking Academy, Bangalore, Karnataka
 School for Leadership & Entrepreneurial Excellence, Bangalore, Karnataka
 Jain Animation School, Bangalore, Karnataka
 SBMJC Centre for Design, Bangalore, Karnataka

Schools (Preschool to 12)

Jain International Residential School, Kanakapura, Karnataka
 Jain Heritage School, Bangalore, Karnataka
 Jain Heritage School, Belgaum, Karnataka
 Jain Heritage School, Tirupathi, Andhra Pradesh
 Jain Heritage School, Madanapalli, Andhra Pradesh
 Jain Heritage a Cambridge School, Kondapur, Andhra Pradesh
 Jain Heritage a Cambridge School, Shamirpet, Andhra Pradesh
 Jain Heritage a Cambridge School, Visakhapatnam, Andhra Pradesh
 Jain Heritage a Cambridge School, Nagpur, Maharashtra
 Jain Public School, Kanakapura, Karnataka
 Jain Public School, Davangere, Karnataka
 Jain Public School, Ratlam, Madhya Pradesh
 Jain Public School, Badnagar, Madhya Pradesh
 Jain Public School, Jhabua, Madhya Pradesh
 Jain Public School, Secunderabad, Andhra Pradesh
 Jain Public School, Ranabennur, Karnataka
 Jain Public School, Korba, Chhattisgarh
 Jain Public School, Tumkur, Karnataka
 Jain Public School, Chintamani
 Jain Public School, Bijapur, Karnataka
 Jain Public School, Shimoga, Karnataka
 Jain Public School, Bellary, Karnataka
 The Jain International School, Bangarpet, Karnataka
 The Jain International School, KGF, Karnataka
 The Jain International School, Hubli, Karnataka
 The Jain International School, Aurangabad, Maharashtra
 The Jain International School, Mulbagal, Karnataka
 Jain English Medium School, Kadri, Andhra Pradesh
 Jain Toddlers, Bangalore, Karnataka
 Jain Toddlers, Jayanagar, Bangalore, Karnataka
 Jain Toddlers, Jubilee Hills, Hyderabad, Andhra Pradesh
 Jain Toddlers, Kondapur, Hyderabad

Jain Toddlers, Mahindra Hills, Secunderabad, Andhra Pradesh
 Jain Toddlers, BITS Pilani, Secunderabad
 Jain Toddlers, Aurangabad, Maharashtra
 Jain Toddlers, Kanpur, Uttar Pradesh
 Jain Toddlers, Hubli, Karnataka
 Jain Toddlers, Indore, Madhya Pradesh
 Jain Toddlers, Shimoga, Karnataka
 Jain Toddlers, Madanapalli, Andhra Pradesh
 Jain Toddlers, Mysore, Karnataka
 Jain Toddlers, Hindupur, Andhra Pradesh
 Jain Toddlers, Kolar, Karnataka
 MI Kids, Bangalore

Sports Schools

Jain Academy for Sporting Excellence, Kanakapura, Karnataka
 Jain Academy for Sporting Excellence, Hyderabad, Andhra Pradesh

JGI Life (JGI's Social Initiatives)

Jain Public school kakinada, Andhra Pradesh
 Jain Public School, Shivamogga, Karnataka
 Jain Public School, Madanapalle, Andhra Pradesh
 Jain Toddlers, Mysore, Karnataka
 Jain Toddlers, Gulbarga, Karnataka
 Jain Toddlers, Hindupur, Andhra Pradesh
 Jain Toddlers, Gudur, Andhra Pradesh

3000+ Alumni



ABOUT JTD

JIT is one of the best developing engineering colleges of Davanagere and is located adjacent to Pune-Bangalore National Highway, which is 7 Kms from Davanagere Railway Station. It has lush green campus spread across 16 Acres land, attached with lake.

WHY JTD?

- Academic excellence through quality of teaching learning process
- Guaranteed Outcome Based Education
- Highly qualified and dedicated faculty members
- Activity and Experiential based learning platforms
- Current trending additional laboratories (IoT, Block chain & Machine Learning)
- Guidance and support for Innovation, startups and entrepreneurial activities
- Student forum platforms for student centric activities
- Placement training and support through industry collaborations
- Well equipped laboratories with latest softwares and higher end systems
- Encouragement and support for online and corporate certification courses
- University recognized Research Center for research experience
- Award winning Student Mentoring System
- Single window support for parents to monitor their wards
- Collaborations with professional bodies for recognitions
- 24x7 centralized placement coordination with MNCs from JGI group

LIFE ON CAMPUS

- International & National Level Workshops & Seminars, Fest & Cultural Programme.
- Sports & Extra Curricular Activities, Out Bound Training Programme, Industrial Visits and Student Associations.

CAREER ADVANCEMENT

- Active Placement cell, 100% Placement Assistance, Pre-Placement Training, Strong Industry-Institute Interactions Entrepreneurship & Business Incubation.

ELECTRICAL AND ELECTRONICS ENGINEERING

Started in the year 2011, the graduate course in Electrical and Electronics Engineering encompasses the various aspects of Electrical and Electronics fields such as Power and Industrial Electronics, Advance Control System, Solid State Relays and Protection, Microcontroller Application and Computer Application to Power System Studies, High Voltage Studies. Electrical and Electronics Engineering is one of the largest and fastest growing fields which generally deals with the study and application of Electricity, Electronics & Electromagnetism. The department has good infrastructural facilities. The Department has traditional and modern laboratories such as Machines Lab, Power System Simulation Lab, High Voltage Lab, Relay Lab, Microcontroller Lab and Basic Electrical lab.



The department is well equipped with modern laboratory facilities and good infrastructure. The Department has Eleven major laboratories namely;

- Basic Electrical Engineering Lab
- Electrical Machine I Lab
- Electronics lab
- Electrical Machine II Lab
- Op-amp and Linear ICs Lab
- Microcontroller Lab
- Power Electronics Lab
- Control System Lab
- Digital Signal Processing Lab
- PSS Lab
- Relay and High Voltage Lab



CIVIL ENGINEERING

Department of Civil Engineering is the first department to be set up at JIT. Right from the inception the department provided high quality value based education to the students. The students of the department have consistently bagged the ranks at the university level every year. The department hence boasts a huge list of highly acclaimed alumni to its credit. A number of programmes are conducted in the department wherein the student participation is encouraged.

The department has made focussed effort in carrying out research activity related to Fibre Reinforced Concrete, Structural analysis and design, Self Compacting Concrete and Ferro cement. There is significant research activity taking place in the field of water resources, surface and sub-surface water quality analysis, ground water analysis with the help of Remote Sensing and GIS and Landslide analysis using Geo-Studio and Plaxis, ground improvement techniques in Geotechnical Engineering and in Highway Engineering the design of roadwork will be carried out using MX Road software.

In addition to the regular academic activity, industry interactions and conceptual exchanges are an integral attribute of the department. Also, the services in the form of consultancy and testing to various departmental and private agencies are offered. The active involvement of faculties in mentoring the students in all aspects adds credence to the department. The quality of services provided by the department is well acknowledged in the professional field. The department has also conducted feasibility study of buildings. Further, the department has successfully completed an overseas consultancy project.



The department is well equipped with modern laboratory facilities and good infrastructure. The department has

Ten major laboratories namely,

- Basic Material Testing Lab
- Surveying Practice Lab
- Engineering Geology Lab
- Hydraulics and Hydraulic Machinery Lab
- Geotechnical Engineering Lab
- Concrete and Highway Material Testing Lab
- Environmental Engineering Lab
- Computer Aided Drawing and Drafting Lab
- Software Applications Lab
- Model Room and Project Lab



COMPUTER SCIENCE AND ENGINEERING

INFORMATION SCIENCE & ENGG

Department of Computer Science & Engineering started its Journey to produce qualified Computer Science Engineers to the society with variety of skills ready for any workplace. The Department offers B.E in Computer Science and Engineering. The Department has rich knowledge pool of faculty resource who are well trained in various fields like Artificial Intelligence, Machine learning, IOT and Cyber Physical Systems.

Computer Vision, Algorithms design, Cryptography, Computer Networking, Data mining, Data science, Big Data, Digital Image Processing, Text mining, Soft computing, Cloud computing and latest topics are taught in Curriculum. The department has wide variety of labs setup namely Machine learning lab, Logic design Lab, Unix system programming and Computer Design lab, specifically for students as a part of the course and for their projects.

The Department periodically conducts hands-on workshop on recent technology like Internet of Things, Cloud computing, Cyber Security for the students so that they should be updated with current technology. The department believes teaching in holistic method with the notion, students trained under holistic education will be better citizens of Nation. The main educational goal is to prepare students for research and career in industry.



The department is well equipped with modern laboratory facilities and good infrastructure. The Department has Thirteen major laboratories namely;

- Computer Programming Laboratory
- Logic Design Lab
- Microprocessor and Microcontroller Lab
- Unix System Programming and Compiler Design Lab
- Computer Graphic and Visualization Laboratory
- Browsing center consists of Computers with high speed internet, there by facilitating Students to use the internet for gaining knowledge and Wisdom.
- Mobile Application Development lab
- System Software and Compiler Design lab
- Design and Analysis of Algorithm lab
- Database Management System lab
- Internet of Things lab
- Artificial Intelligence and Machine Learning lab
- Project Development lab



ELECTRONICS AND COMMUNICATION ENGINEERING

Department of Electronics and Communication Engineering (E&CE) was started in the year 2011. The department emphasizes on imparting advanced technical knowledge in various fields like signal processing, VLSI Technology, Embedded system, wireless technology, microwave engineering, optical communication, micro electronics and control systems. Highly qualified, experienced and dedicated staff members are the backbone of the department. Well equipped, sophisticated, precision and state of the art laboratories are center of attraction in the campus. Another major strength of the department is its extensive collection of technical books, periodical and journals. ENCORE association of the department of E & CE aims at targeting innovations in the field of advanced communication and networking.



The department is well equipped with modern laboratory facilities and good infrastructure. The Department has Ten major laboratories namely;

- Electronic Devices & Instrumentation Lab
- Digital System Design Lab
- Microcontroller Lab
- Analog Circuits Lab
- Digital Signal Processing Lab
- HDL Lab
- Embedded Systems Lab
- Communication Lab
- Computer Networks Lab
- VLSI Lab



MECHANICAL ENGINEERING

Department of Mechanical Engineering was started in the year 2011 and the first batch of graduated in the year 2015. The department is well known for qualified and experienced staff. The faculties engage the students in the broader areas like basics of Mechanical Engineering, Manufacturing Engineering, Design Engineering and Thermal Engineering. Well equipped laboratories of the department cater the advanced technological needs.

Highly qualified faculties of the department are involved in research and development activities in the areas of Composite materials, Heat transfer, Renewable energy systems, Nano materials and Mechanical working. Many projects guided by department faculties secured prizes in the national level competitions.

Department has collaboration with many Industries to update the knowledge of both the students and faculties simultaneously. Many events were organized under the banner of forum to create interest in both co-curricular and extra curricular activities. By this it is possible to mould our students to near net shape so that they get maximum job opportunities. We train the students not only technically but also in terms of ethics, social responsibility, morality.



The department is well equipped with modern laboratory facilities and good infrastructure. The Department has Ten major laboratories namely;

- CAD/CAM/CAE Lab
- Foundry and Forging Lab
- Metallographic & Material Testing Lab
- Machine Shop & Workshop
- Mechanical Measurements and Metrology Lab
- Energy conversion Lab
- Fluid Mechanics Lab
- Heat and Mass Transfer Lab
- Computer Integrated Manufacturing and Automation Lab
- Design Lab



Did you know?
JGI GROUP IS HOME TO 1000+ INTERNATIONAL STUDENTS
FROM MORE THAN 38 COUNTRIES.



**85 Centers of
Excellence**



**64 Thriving
Campuses**



**100+ Established
Entrepreneurs**



**65000+
Aspiring Students**



**50+ Flourishing
Enterprises**



**10000+
Skilled Manpower**

PLACEMENTS 2020-21

350⁺
(& STILL COUNTING)

STUDENTS

GOT OFFERS

FROM REPUTED

IT AND NON IT

COMPANIES

AND MANY MORE...



MANAGEMENT, PRINCIPAL &
JIT PLACEMENT TEAM CONGRATULATES
ALL THE PLACED STUDENTS

MAKE

**OUR STUDENTS
MADE US PROUD
AGAIN
BY BAGGING
THE HIGHEST
SALARY PACKAGE
IN THE
HISTORY OF
JIT.**

CHANGE

**PLACEMENTS
2020-21**

COMPANIES WITH HIGHEST PACKAGE



AND MANY MORE...

**HIGHEST SALARY
10 LPA**

**AVERAGE SALARY
4.5 LPA**

**MINIMUM SALARY
3.5 LPA**



85 Educational Institutions



6450 Employees



50 Incubated Companies



100 Entrepreneurs

OUR RECRUITERS

Atos

**DXC
TECHNOLOGY**

wipro

**tcs TATA
CONSULTANCY
SERVICES**

HCL

Capgemini

LARSEN & TOUBRO

HGS

**minfy™
UNCLOUDED ANSWERS**

**Mphasis
The next approach**

**BOSCH
Invented for life**

SUPRAM

Cognizant

Infosys

accenture

SSI people

**6D Technologies
Smart Ideas, Delivered**

BYJU'S

**EY
Building a better
working world**

**SLK
SOFTWARE
THE AUTOMATION
COMPANY**

ACCORD

WILEY

IBM

digit

**SHASHA
THE POWER OF MANA**

Rakuten

HEXWARE

virtusa

**FINANCEPEER
GROW TOGETHER**

NTT DATA

**STAVTAR
FOUNDRY**

pwc

ARTech

**PEOL
EXPEDIENT BUSINESS SOLUTIONS**

brillio

**ARKHA
UID SAKHA GLOBAL NIAGA**

cadence

MResult

DUCKER

Deloitte

24X7 CENTRALIZED PLACEMENT CO-ORDINATION WITH MNCs FROM JGI GROUP



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