

ALUMNI

CSE Alumni at regular intervals proactively involve themselves in supporting the Institute and the Department through Career Counseling Sessions, Placement Guidance and Mock Interviews, lectures on changing needs of Industry and Entrepreneur Support. They are also members of the key committees of the Institute and play active role in Curriculum Design and Policy Decisions.



Duration of the Course: 2 Years

Examination Type: Semester

Eligibility Criteria for Admission:

The candidate shall be an Indian National / NRI
BE / B.Tech / AMIE in CSE / CSIT / Electronics and Computer Engineering/IT and Computer Science and Engineering or Equivalent

The candidate should have completed 21 years of age as on 31st December of the academic year for which the admissions are being conducted
The candidate should have passed the qualifying examination (BE/B Tech) or equivalent as on the date of admission recognized by University, Telangana State
Seats in the programme are classified into Category A and Category B as per the G.Os.

Category –A Seats: These seats shall be filled through counselling as per the rank in the Common Entrance Test (PGCET) conducted by the State Government and as per other admission criteria laid down in the G.Os.
Category -B Seats: These seats shall be filled by the Institute as per the G.Os issued by the State Government from time to time.

Admission Process: Entrance exams GATE/PGCET based and also Merit based

Course Fee: INR 1,30,000-00 and INR 11,700-00 per annum

Average Salary: INR 4 and 5 LPA

Top Recruiting Companies: Consultancy firms, IT companies, corporate Industry, Multinational companies, startups, banking sectors etc.
Job Positions: Chief Technical Officer, Analysts, Database administrator, Software designer, IT analyst, Web application developer, Network Administrator, software programmer, Lecturer/Professor etc.



ABOUT US

The Department of Computer Science & Engineering, VNRVJIET was started in 1995, and is one of the prestigious departments for its ability of research and development activities apart from the regular academic work. CSE has an NBA Accreditation and is regarded as a Research Center by JNTUH. The department has a vibrant body of faculty and undertakes a challenging coursework – covering the theory and practical sessions. The institution leaves an indelible mark on the lives of its students, concerning them to a great career and challenging them to discover and define their functional roles in the industry. We would like to ensure that the students are undertaking the challenging tasks intellectually, socially and technically.

Dr. B. V. Kiranmayee
Head, Department of CSE
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Extn: 2500 / 2502

About the Programme: M. Tech Software Engineering

VNRVJIET Hyderabad has been offering 2-years regular Postgraduate-Master of Technology (M. Tech) degree programme in “Software Engineering” with sanctioned intake of 18 from the academic year 2014-2015 onwards. The duration of the course is divided into four semesters. The objective is to prepare students to undertake careers involving innovation and problem solving using computational techniques and technologies, or to undertake advanced studies for research careers or to take up Entrepreneurship. The candidates need to have a valid score in one of the top competitive exams like GATE and PGCET. The course subjects comprise core courses and electives and also a project. The course is designed to equip students with the knowledge and skills required by the modern computing industry to innovate and tweak systems according to the proper requirements.

M.Tech (SE) is a highly recommended industry relevant programme in the field of Computer Science focusing on practical implementation of CSE concepts in real applications. The programme curriculum has been developed with the support of Industry and academia with prime focus on Industry 4.0 courses like

- Data Science
- Machine Learning
- Software Quality Assurance and Testing
- Internet of Things
- Data Analytics
- Algorithms and
- Blockchain technology

This programme also ensures that the student graduating from the programme not only know the core concepts of computer science but also develop an equal appreciation of research and human ethical values.

The salient features of the programme are as follows:

M Tech SE helps to solve problems efficiently, the ability to design, develop and evaluate new computer-based systems for new applications that meet the desired needs of industry and society, understanding and the ability to use advanced IT tools and techniques the ability to carry out original research on the cutting edge of information technology and related areas, the ability to function effectively individually or as part of a team to achieve a declared goal.

- More focus on Contemporary Technologies in Software Engineering
- Understanding of Technology Abstraction
- Hands-on exposure to real-life smart projects and the successful Implementation
- Enhancement of Innovation Ability
- Strong in Ethics and Life Values

VNR Vignana Jyothi Institute
of Engineering and
Technology

UGC Autonomous Institute, Accredited by NAAC with

Department of Computer
Science & Engineering

M.Tech Software Engineering



Other Programs offered by the
Department:

- M.TECH(CSE)
- B.TECH
 - CSE
 - CSBS
 - AIML
 - DS
 - CS

 **THE BEST**
EDUCATION EXPERIENCE
YOU DREAM TO HAVE

Vignana Jyothi Nagar, Bachupally Road, Pragathi Nagar,
Hyderabad, Telangana 500090

Phone: 040-23042758 / 59 / 60 Extn: 2500 / 2502

URL: <http://www.vnrvjiet.ac.in/>

WHY STUDY at VNRVJIET?

OUR PROSPECTUS

- ♦ Imparting quality education since inception(1995)
- ♦ Recognized as Research Center by JNTUH, Hyderabad
- ♦ Center of Excellence for Data Sciences
- ♦ Experienced and competent faculty
- ♦ Placement record: 95%+
- ♦ Curriculum updates as per industry and societal demand

INDUSTRIAL COLLABORATIONS

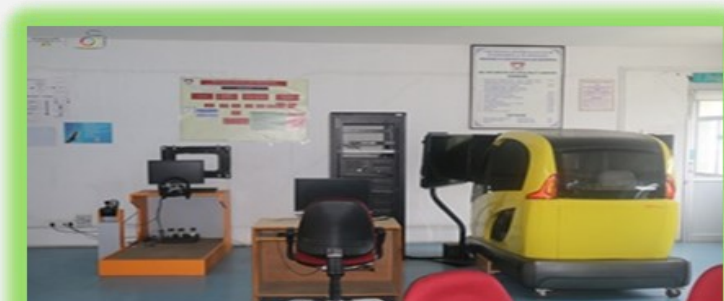
- ♦ Strong links with Industry for Industry Oriented Knowledge
- ♦ Industry Institute Interaction Cell (IIIC)
- ♦ MOU’s with major Companies like TCS, Infosys, Mroads etc
- ♦ Women in Software Engineering(WISE) collaborative program with MICROSOFT
- ♦ Internships and Industrial Training opportunities

RESEARCH AND DEVELOPMENT

Exclusive Research labs in:

- ♦ Data Science
- ♦ Virtual Reality and Real Time Applications
- ♦ Visuo Haptics Augmented/Virtual Reality Gaming

Research and Consultancy is an integral part of academics. Faculty of CSE actively participates in the research funding and consultancy work with reputed organization like AICTE, DST, UGC, ISSR, MHRD, and ITRA.



DRIVING SIMULATOR FOR INDIAN ENVIRONMENT

RESEARCH PROJECTS:

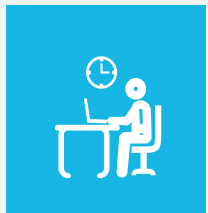
- ♦ Identification of Sickle cell Anaemia using Deep Neural Network
- ♦ Detection of Fraudulent water Pipes under the Ground using Ground Penetrating Rader (GPR) and 3-D image Processing Technique
- ♦ Modelling Distributed databases using Ontology
- ♦ Skill and Personality Development Program Centre for SC/ST
- ♦ Grant for Organizing a Conference

INFRASTRUCTURAL RESOURCES

- ♦ The labs are equipped with high-end systems and required software supporting academic and research: Weka tool 8.0 , Code Blocks, Turbo C++, Python, Oracle 11g, Rational Rose Suite 8.0, JDK 1.8, Eclipse ANDROID SDK, Selenium, MATLAB, Unity, R, Hadoop Framework, MultiGen Creator, Autodesk 3ds Max, Maya 3D.
- ♦ ICT enabled class rooms and laboratories
- ♦ Wi-Fi campus, with an internet bandwidth of 500 Mbps



SIGNIFICANT FEATURES



TEACHING-LEARNING

Lab Protocol, Storyboard, WIT & WIL, SHOW & TELL, Open House, Course-Based Projects, POGIL, Learning by doing, Shadow Engineering, Engineer-in-Mirror, Flipped Classroom and Blended Teaching, Think Pair Share



LEARNING RESOURCES

54 Moodle courses uploaded in LMS, Spoken Tutorials, NPTEL videos and staff created videos, E-Books, Lecture Notes, Kindle, Technical Articles, Thesis, Department Library Books, and Presentations



STUDENT SUPPORT

Career Vision, Remedial Classes, Guest Lectures, Seminars, Bridge Course, Workshops, Placement Training, Soft and Hard Skill Training, Career Guidance, Motivational Lectures, Internships, Sports, Yoga, Cultural and Technical Fest, Turing Hut for coding



CERTIFICATE COURSES

Data Analytics, Big Data, Internet of Things, Cloud Computing, PEGA Technologies, .NET Technology, Cyber Security, R programming, Python Programming

NUTURING STUDENTS

The Department strives to nurture, develop, and sustain a culture of creative innovation among students. They participate in Hackathons and other coding competitions across the country to showcase their innovative projects for which they have also received cash prizes. Moreover, students are constantly reminded of their duties towards the society and how they can overcome challenges and bring a difference to the society by their technological skill. The Department understands the changing market needs and organizes various guest lectures and workshops by inviting experts from both academia and industry to make students aware of the latest technological trends in industry.



INDUSTRIAL VISIT



PROMOTING SOCIAL CAUSES



ENCOURAGING SKILL BUILDING



IMPARTING INDUSTRIAL KNOWLEDGE



Salcit Technologies

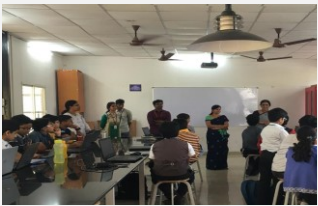


Mittal Technologies

INCULCATING COMPETITIVE SPIRIT



ENCOURAGING ENTREPRENEURSHIP



SCIENTIFIC & INDUSTRIAL EXPOSURE IN INCOIS

AWARENESS PROGRAMS AT SCHOOLS