ACHIEVEMENTS

- Student awarded for Best project from M.Tech(SE)
- Student awarded for Best outgoing student of M.Tech, Gold medalist
- Students published 42+ publications in Scopus and Web of Science indexed conferences and journals
- Students are offered Ph.D from reputed institutions after M.Tech

PLACEMENTS

- 100% Placements Opportunities
- Attracting Placements and Internships from reputed MNCs.
- Students placed with package between 3 LPA to 15 LPA
- Students are recruited in: TCS, Thompson Reuters, CIEL, Cognizant technologies, GE, Primus, Travel Tripper, Cyber tech systems, Apps Associates, Klaus IT solutions, Innominds, Infosys etc.

INTERNSHIP OPPORTUNITIES:

- Students are offered internship by Thomson Rueters with Rs.35,000 per month.
- Students offered internship with Blaze Automation, GE Corporation, BOSCH corporation

ABOUT US

Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology (VNR VJIET), an Autonomous Institute, approved by AICTE, JNTUH Hyderabad, Telangana, is accredited by NAAC with A++ with a score of 3.73 out of 4, NIRF 135th Rank in Engineering category, and is being certified as COLLEGE WITH POTENTIAL FOR EXCELLENCE by UGC, contributes to all dimensions of Education - Teaching, Research and Extension and the institute is well known for its discipline, technical excellence, infrastructure, record student performance, placements and research activities, etc. The Department of Computer Science and Engineering (CSE) is accredited by NBA and is recognized as Research Center by JNTUH, also involved in pioneering research with Global excellence and local relevance in cutting-edge technologies. The Department of CSE has been offering 2 Post Graduate programs with a specialization of M.Tech (CSE) and M.Tech (Software Engineering).

Dr. S. NAGINI
Professor & Head
Dept. of CSE

ADMISSION PROCEDURE:

Admission to the M.Tech Two year Post Graduate Degree Programme in Engineering

a. 70% seats i.e., "Category-A" seats (based on the rank obtained in state level entrance examination-TSPGECET and GATE) will be filled by the Convener TSPGECET.

b. 30% seats i.e., "Category-B seats" will be filled by the management as per the Rules issued by the Government and guidelines from time to time issued by the TSCHE.

All admissions made at institute level (Spot Admissions and Category-B) are subject to approval of competent authorities.

Spot Admission Procedure for M. TECH:

Any seats left vacant in the convener quota will be filled based on the guidelines given by the Convener TSPGECET.

Procedure: The College issues an advertisement after necessary approval. The spot admissions will be made according to the guidelines issued from time to time by the Convener TSPGECET.

All admissions made at institute level (Spot Admissions and Category-B) are subject to approval of competent authorities.

Note: Parents and candidates interested for admission at VNR Vignana Jyothi Institute of Engineering and Technology are advised to visit college website www.vnrvjiet.ac.in for Spot Admission and Category-B admissions.

For Convener Quota admissions, visit the respective Convener websites.

https://pgecetadm.tsche.ac.in/ for 1st year M.Tech

For any general enquiry with regard to admissions: **Contact 040-23044364/23042758/59/60**

admissions@vnrvjiet.in

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

UGC Autonomous Institute, I-Gauge Diamond Rated, Accredited by NAAC with 'A++' Grade and Recognized as "College with Potential for Excellence" by UGC

Department of Computer Science and Engineering

NBA Accredited

M.Tech in Software Engineering

M.Tech(SE)
Intake: 12

VISION

To achieve academic and research excellence in essential technologies of Computer Science and Engineering by promoting a creative environment for learning and innovation.

MISSION

-To provide dynamic, innovative and flexible curriculum which equip the students with the necessary, problem driven skills to strengthen their career prospects and potential to pursue higher studies.

-To foster inquisitive-driven research among students and staff so as to reinforce the domain knowledge and address contemporary societal issues.

-To inculcate ethical values, leadership qualities and professional behavior skills for improving the living standards of people

PROGRAM SPECIFIC OBJECTIVES(PSOs)

PSO I. Apply the knowledge of software engineering principles and paradigms in the design of system components and processes that meet the specific needs of the industry.

PSO II. Use the techniques, skills and CASE tools necessary for engineering practice and coordinate the construction, deployment and maintenance of software systems.

Coordinator
Dr. K. Srinivas
M.Tech.(SE)
Department of CSE
Srinivas_k@vnrvjiet.in
Mobile No.: 9966343560

WHY STUDY M.Tech at VNRVJIET

Highlights of the Programs:

- Imparting quality education since inception (2014)
- Recognized as Research Center by JNTUH, Hyderabad
- Center of Excellence for Data Sciences
- Intensive training programs for Placements
- Attracting Placements from reputed MNCs
- Provides ample opportunities to explore research and development skills
- Highly qualified faculty with expertise in their domains for research execution.
- Curriculum updates as per industry and societal demand
- Offered Ph.D Programme under AICTE-NDF (National Doctoral Fellowship) and JNTUH
- MoUs with major companies

FACULTY

- Experienced and competent faculty
- Faculty Certified from IIITH, ServiceNow, EMERITUS, EC Council, etc.,
- Faculty trained in "Pedagogy for Online & Blended Teaching-Learning" Process
- Best "CSE Teacher" award by ISTE
- Young Researcher Award

Exclusive Project Laboratories in:

- Center for Data Sciences
- Real Time Computing & Virtual Reality
- Python Programming
- Artificial Intelligence
- Industry sponsored lab: Un-platforms

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 HRIDAY, AICTE, DST, UGC, ISSR, MHRD, ITRA, DRDO, TEQIP etc.

FUNDED AND R&D PROJECTS:
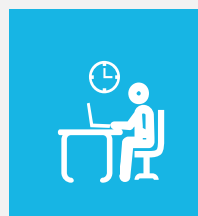
- Design and development of night vision mapping LIDAR- **71.28 Lakhs**
- Design and development of secure weapon shooting information system- **9.96 Lakhs**
- Identification of Sickle cell Anemia using Deep Neural Network- **3 Lakhs**
- Detection of Fraudulent water Pipes under the Ground using Ground Penetrating Rader (GPR) and 3-D image Processing - **2.90 Lakhs**
- Developing VR tour for Warangal Heritage Places -**10Lakhs**

AWARDS

- Largest **CSI Student Branch** for the Department of CSE
- Outstanding Engineering Institute for **Research and Innovation** for the Department of RCC
- Outstanding Institute with **best Placements**
- **CSI Best Accredited Student Branch**
- **CSI Longest Continuous Student Branch Coordinator**

SIGNIFICANT FEATURES

TEACHING-LEARNING

Lab Protocol, Story Board, WIT & WIL, SHOW & TELL, Open House, Course-Based Projects, learning by doing, POGIL, Flipped Classroom and Blended Teaching, Think Pair Share, Lab protocol, Mini and Major projects

SPECIAL CURRICULUM

Research Methodology and IPR, English for Academic and Research Writing, Data Analytics, Machine Learning, Soft computing, Scripting Languages, Software Testing Methodologies, Ancient Wisdom

STUDENT SUPPORT

Career Vision, Mentoring, Remedial Classes, Guest Lectures, Seminars, Bridge Course, Workshops, Placement Training, Career Guidance, Motivational Lectures, Internships, Sports, Cultural and Technical Fest, Turing Hut for coding, Gamma club for research, Google Developer Student Club (GDSC)

TRAININGS

Python programming, brush up classes for C language, Data Structure trainings, Java, English communication, reasoning and aptitude trainings, mezzanine technologies, soft skills

NURTURING 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.

INDUSTRY EXPOSURE

PLANATION

ENCOURAGING CREATIVITY

PROMOTING SOCIAL CAUSE

WORKSHOPS

SEMINARS

ENCOURAGING SKILL BUILDING

IMPARTING INDUSTRIAL KNOWLEDGE

HACKATHONS

COVID-19 AWARENESS

INCULCATING COMPETITIVE SPIRIT

E-OUTREACH PROGRAMS

Industrial Visit

ICACECS-2022

INCOIS

CONFERENCES