

## ACHIEVEMENTS

- II year student got participation certificate in **NASA Space Apps Hackathon**
- **Stanford University** recognized 4 students as University Innovation Fellows
- III year team won in “**Ideation**” organized by IIT Roorkee
- **2019-23 batch Mini Project Outcome - 6 papers** published
- **Major Project Outcome- 10 papers** are under review
- **Patent** on “Crop recommendation and Disease Prediction system” - published
- Final year student team won in **SMART AGROTHON**
- Final year student won in **Creative Stint Contest by Micron**
- III year student won in **AIRO sports fest in Chess** at Mahindra university

## EVENTS

- Students organized National level Hackathon “**VNR Design A thon**”



## PLACEMENTS – 2019-23

- Students placed in **Oracle, JPMC, TCS digital, Chubb company, Deloitte, Micron, NCR, and many more**
- **Amazon AWS (Oracle) Boy student with highest package: 21 Lakhs**
- **10** students got JPMC offer with **17.75 LPA**
- **2** students got offer from **AMAZON** with **44.15 LPA**
- **9** students got **ORACLE** offer with a pay package of **8.8 LPA to 18.5 LPA**
- **Average Package: 11.7 Lakhs**
- **Highest package 44.15 LPA**

## INTERNSHIP OPPORTUNITY

- Stipend offered by Amazon for II BTECH : Rs. 40K/month
- Two students of the current 3rd year (2020-24) got JPMC Internship with 70K stipend per month
- Oracle internship (50K/month)
- Thought Works internship (25K/month)



## ABOUT US

*The Department of **Computer Science and Business Systems**, VNRVJIET was started in 2019 (collaboration with TCS) to create more industry-ready and employable engineers who can drive innovation and add value to the nation /organizations in the era of **Business 4.0**.*

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## 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 Business Systems



### 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)

- *Apply the fundamentals of mathematics, science and technology abstraction to develop computational tools and applications in the areas related to algorithms, big data analytics, machine learning, and artificial intelligence and networking.*
- *Leverage new age technologies to solve contemporary challenges of varying complexity and develop ‘Innovation’ mind-set and entrepreneurial skills.*
- *Be adept at designing business solutions using the fundamental concepts of business management, leadership and entrepreneurial skills and appreciate life values and sustainability issues.*

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## KEY DIFFERENTIATORS

- ♦ 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%+**
- ♦ Robust Curriculum meeting **industry and societal demand**

## INDUSTRIAL COLLABORATION FOR CSBS

- ♦ Strong links with **TCS** for Industry Oriented Knowledge
- ♦ Curriculum updates as per industry and societal demand by TCS
- ♦ MOUs with major Companies
- ♦ **Google Women Empowerment** offered by Google to students
- ♦ **Amazon Girl Internships** offered by Amazon to students
- ♦ Paid Internships and Industrial Training opportunities with **Amazon, Google, JPMC, Morgan Stanley, TCS** etc.



MOU with TCS

### Exclusive Research Laboratories:

- ♦ Center Of Excellence for Data Science
- ♦ Augmented Reality and Virtual Reality
- ♦ Visuo - Haptic Lab
- ♦ Weekend Projects Laboratory
- ♦ Industry sponsored laboratories: Un-platform and AR/VR

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:

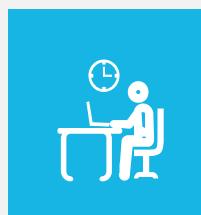
- ♦ Design and development of night vision mapping LIDAR- **71.28 Lakhs**
- ♦ Design and development of secure weapon shooting information system- **9.96 Lakhs**
- ♦ Identification of Sickle cell Anemia using Deep Neural Network- **3 Lakhs**
- ♦ Detection of Fraudulent water Pipes under the Ground using Ground Penetrating Rader (GPR) and 3-D image Processing -

## 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**
- ♦ **Young Researcher** Award

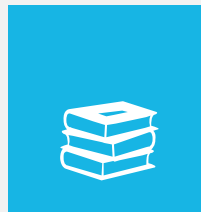


## SIGNIFICANT FEATURES



### 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



### INDUSTRY COLLABORATIONS

Placements, Internships, Remote Internship Projects, Industrial Visits, Guest Lectures, Technical Trainings by industry experts, Industry oriented courses, Internships, Google Developer Student Club, Indo Universal Collaboration for Engineering Education



### STUDENT SUPPORT

Career Vision, Mentoring, Remedial Classes, Seminars, Bridge Course, Workshops, Placement Training, Career Guidance, Motivational Lectures, Sports, Cultural and Technical Fest, Turing Hut for coding, Gama club for research, CSI and IEEE activities



### CERTIFICATE COURSES

Data Science, Big Data, Internet of Things, AWS Cloud, Cyber Security, Artificial intelligence, Machine learning, Full stack development, TATA strive, Mulesoft trainings

## 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.



ENCOURAGING CREATIVITY



PROMOTING SOCIAL CAUSE



ENCOURAGING SKILL BUILDING



IMPARTING INDUSTRIAL KNOWLEDGE



INCULCATING COMPETITIVE SPIRIT



E-OUTREACH PROGRAMS



HCCB VISIT



CONFERENCES