

VNRVJIET offers a new B.Tech. programme in “Computer Science IoT”-B.Tech. (CSE-IoT)

❖ About the Programme

On the occasion of entering into 25th glorious year of serving Engineering Education in the state of Telangana, VNRVJIET Hyderabad has introduced a new 4-year regular undergraduate - Bachelor of Technology (B.Tech.) degree programme in “Computer Science Internet of Things” (CSE-IoT) with sanctioned intake of 60 from the academic year 2020-2021. B.Tech. CSE-IoT is a highly recommended industry relevant programme in the field of Computer Science focusing on development of IoT products and services—including devices for sensing, actuation, processing and communication and security.

A Forbes study predicts the combined markets of the Internet of Things to grow to about \$520 Billion in 2021, more than double the \$235 Billion spent in 2017. Industry Needs Specialists who can offer solutions based on IoT. There is a requirement of skilled IoT data professionals. Similarly, people who are into IoT cloud architecture, research analysts, data science specialists and other job roles that need specialized skills are needed by several companies in India and abroad.

B.Tech in Computer Science IOT imparts firm foundation in computer science, wireless communication and computer networks. The programme aims to train students with systematic professional knowledge and strong practical skills in the fields of computer technology, communication networks and IT that provides a wide range of applications in the field of Internet of Things. The programme curriculum has been developed with prime focus on Industry 4.0 courses like

- Industrial IoT
- IoT in Energy, Retail and Healthcare
- Building Automation
- Internet of Robotic Things
- Green IoT
- Internet of Nano Things
- IoT application in Drones
- Automatic Vehicle Tracking

Prospective Companies for B.Tech (CSE-IoT) are IBM, Google, Intel, Microsoft, Cisco, Ericsson, Qualcomm, Amazon, Samsung, Dell & Flip kart.

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 humanities, economics, management sciences and human ethical values.

The salient features of the CSBS programme are as follows:

- More focus on Digital Technologies in Computer Science
- Understanding of Technology Abstraction
- Hands-on exposure to real-life business projects and their successful execution
- Enhancement of Innovation Ability and
- Strong in Ethics and Life Values

❖ **Programme Duration:**

4 Years

❖ **Eligibility Criteria for Admission:**

- The candidate shall be an Indian National / NRI
- The candidate should have completed 16 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 (10+2) or equivalent as on the date of admission recognized by BIE, 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 counseling as per the rank in the Common Entrance Test (EAMCET) 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.

**Principal
VNRVJIET**