

### **3.2.1. Institution has created an Ecosystem for innovations and has initiatives for creation and transfer of knowledge**

The institution has created an ecosystem for innovation including incubation Centre and other initiatives for creation and transfer of knowledge. The faculty members are empowered to take up research activities utilizing the existing facilities.

**Research and Development Cell (R&D Cell)** of SREYAS Institute of Engineering and Technology Promotes the students and faculty member of the institute for research and innovations related activities in their respective domains. It aims to nurture research culture and training in research and related skills for enhancing the academic quality and the general research capability of budding entrepreneurs to compete the technical world. R&D Centre try to bridge gap between academics and industries to make education more sustainable. This centre committed to improve the quality of education, in terms of technological based learning and provide the solution for societal problems. Main Objective of R&D Cell is

- To identify research thrust areas, promoting research, evaluation and disseminating research outcomes.
- To promote faculty members to publish their article with quality publishers and encourage to apply research proposal to Govt. funding agencies for the grant.

To organize the workshops, Conferences, and FDPs to create awareness about Patent and IPR.

**Entrepreneur Development Cell:** - The main objective of this cell is to train the students and integrate the culture of entrepreneur and to make the students to achieve their dreams of starting their own enterprise. Young graduating Engineering students across the country needed proper industrial exposure is essential. Awareness should be created among students, regarding entrepreneurship as a career option.

**R & AC Incubation Center:** To develop new projects and offer services through student learning in Refrigeration and Air Conditioning domain.

Students carried out 6 PG and 10 UG projects through R & AC center.

R & AC achieved following student funded projects

Display water cooler, UPS Cooling and Mobile AC.

**Manufacturing and CNC incubation center:** To promote research in feasible manufacturing of press components and metal cutting. Students carried out 2 PG and 2 UG projects through this center. It has MOU's with Uppal Industrial Association and BNR Industries.

**CAD Incubation center:** To develop drawings and analyze design of new products. It has MOU with UNICENT.

**Innovatio Hub – Robotics research center:** The lab aims to work on research problems and innovative projects that extend the state of the art in robotics.


**CSPCS – Center for Signal processing and communication systems:** To provide high-quality graduate and postgraduate training environment for the next generation of researchers and support innovation-based endeavors.

The objectives are

- To Promote Research Activities
- To Encourage Research Publications, Patents/IPR
- To Provide Industrial Training


Under this COE 2 patents are filed

**CCNA – Cisco certified Network Associate:** Main objective of Cisco Networking academy is to train huge no. of stakeholders during their academic programme and to certify them with global examination discount voucher. Sreyas Institute of Engineering and technology has signed MOU with Trident Academy of Creative Technology under CISCO NETWORKING ACADEMY SUPPORT CENTRE (ASC) and Instructor Training Centre (ITC).

  
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Mr.Sreyas Reddy stood as 1<sup>st</sup> Runner up at the Global Studmet Entrepreneur award

  
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R & AC Incubation center staff with developed product R-134A

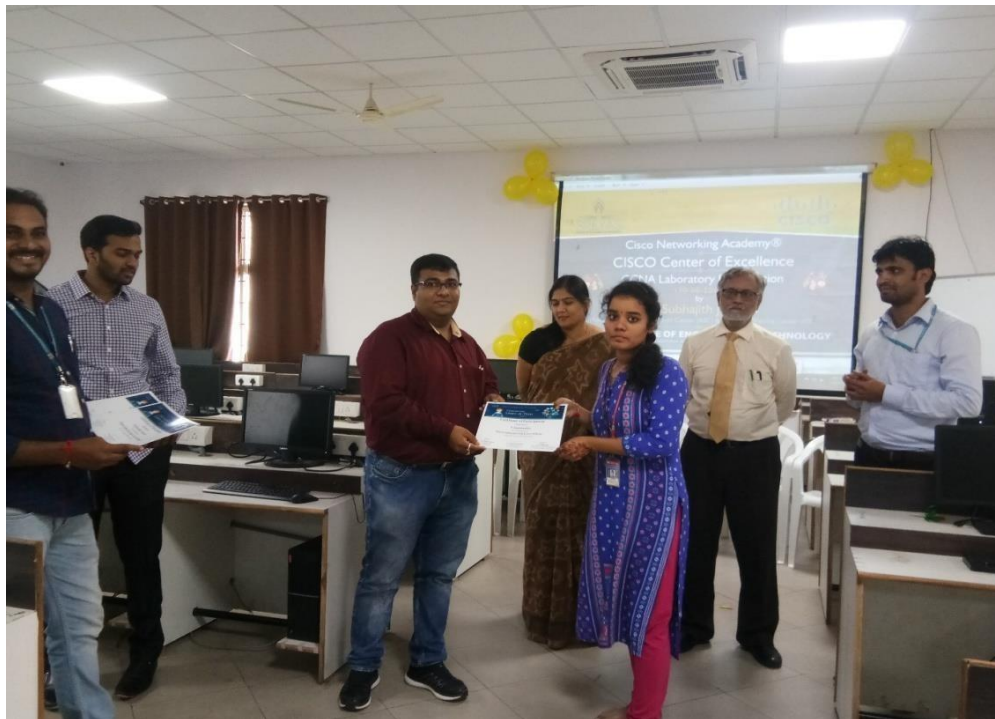
  
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Training at Center for signal processing



CISCO NETWORKING ACADEMY SUPPORT CENTRE TRAINING FOR INSTRUCTORS



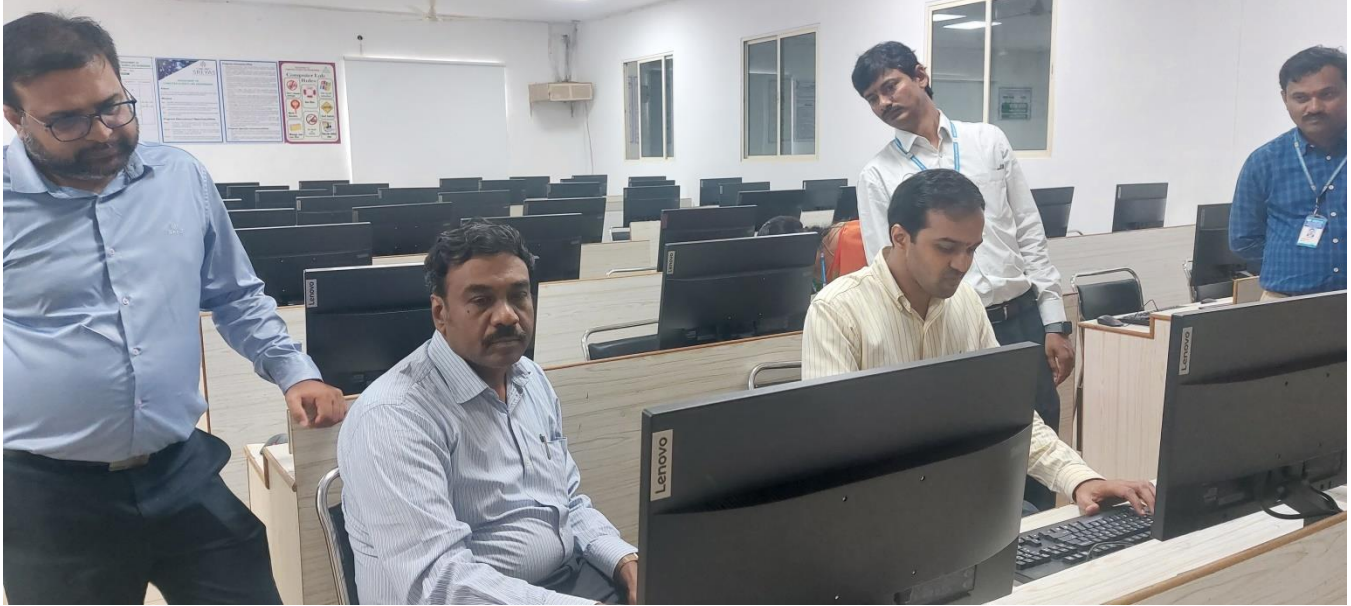
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**CCNA Module – I Certificate Distribution – 2<sup>nd</sup> Topper of CCNA – Module- I – 95.5 %**





  
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