



RV College of
Engineering®



CENTRE OF EXCELLENCE INTERNET OF THINGS - CISCO - RVCE

**Established and supported by
CISCO and Rashtreeya Sikshana Samithi Trust (RSST)**

The centre was initiated with the support of CISCO in 2016-17 with a fund of 3 crores for 3 years. CISCO-RVCE-CoE-IoT has provided necessary Infrastructure for different group of faculties to create training programs, hackathons, makathons, proof of concepts, research and development. Currently 40 lakhs worth sensors, actuators, development boards and other devices are present across different group of faculties. 30 lakhs worth of digital space is created for remote learning, expert interactions and technology demonstrations

Objective

1. Building technical capability and improving employability among students and recent graduates
2. Train mid-career executives in private and government sectors on potential for technology led transformation in their sectors/industries
3. Support incubation of startups focused on internet of things technologies





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Achievements

Amount generated by R & D and Consulting Projects 1.3 Crores	No. of products developed 3	
Papers Published 2	# of participants trained 6300+	NO. of training /workshop 20+

Facilities Provided And Special Purpose Equipments

1. 5000 sqft of controlled environment agriculture activity area worth 25 + lakhs
2. 12 lakhs worth of Private IoT Cloud Infrastructure
3. 40 lakhs worth of IoT kits across institution to support training / workshop in
 - Embedded systems for IoT
 - Networking and cloud computing (IaaS, PaaS and SaaS for IoT) for IoT
 - IoT full stack dashboard and platform development
 - IoT data analytics and visualization services
4. 11 lakhs worth of LoRa based infrastructure
5. 30 lakhs worth of Digital Space for effective interactions

Current research themes

1. Multiprotocol IoT gateway
2. Configurable IIoT platform
3. Web of Things
4. Education through IoT based Games



For further details contact:

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