



ESTD : 1977

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE

(Autonomous)

KANURU, VIJAYAWADA - 520 007

(Sponsors : Siddhartha Academy of General and Technical Education)

Affiliated to Jawaharlal Nehru Technological University, Kakinada

Approved by AICTE, Accredited by NAAC with "A+" Grade

An ISO 21001 : 2018 Certified Institution

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Ref :

Dt :

Institutional Distinctiveness

Industry-Collaborative Laboratories and Center of Excellence (CoEs) for Transformative Impact

Velagapudi Ramakrishna Siddhartha Engineering College aligns its Vision and Mission by identifying thrust areas in collaboration with industry and experts to address real-time industrial and societal challenges. The institution's strong focus on **Outcome Based Education (OBE)** and **industry readiness** has led to the establishment of **Centers of Excellence (CoEs)** and **industry-collaborative laboratories**, providing students and faculty with cutting-edge training, skill development and research opportunities.

Centers of Excellence (CoEs)

1. **3D Concrete Printing CoE** (Established in 2023 with KCP Limited, Rs. 43 Lakhs)
 - A hub for advanced research in concrete technology, focusing on sustainable 3D printing applications.
 - Two publications in Scopus indexed journals with four research articles are in review
2. **Siemens CoE** (Established in 2016, Rs.30.0 Crores)
 - Promotes skill development across 13 labs, including Automation, Mechatronics, and Robotics.
 - Over 229 students trained in Python and AWS.
3. **Centre of Excellence in Composites** (Established in 2015 under DST-FIST)
 - Focuses on eco-friendly, economical material development.
 - Published two research articles in Scopus indexed journals and two patents
4. **TIFAC-CORE in Telematics** (Established in 2009, Rs. 36.33 Crores)
 - First private engineering college in Andhra Pradesh to host this initiative, supporting industry-driven research and training.
 - NI-LabView hands on training conducted for 30 students.



Industry-Collaborative Laboratories

- **CISCO Networking Academy (2017):**
 - Over 1100 students and 20 faculty got certified in cyber security.
 - One student secured an internship with a stipend of Rs 97,000 per month
 - Another student received full time job offer with a package of Rs 17.5 lakhs per annum.
- **IBM Software Lab (2016):**
 - Big Data and Identity Management training was conducted for 250 students.
 - 13 students placed at IBM with packages of Rs. 4.5 LPA
- **Dassault Systems 3D Experience Centre (2018):**
 - Offers training to students in CATIA, SIMULIA and DELMIA.
- **Oracle Corporation Lab (2017):**
 - Oracle Java and SQL certifications awarded to 72 students.
- **Apple Authorized Training Center for Education (AATCE) (2019):**
 - IOS and Swift programming training for 30 students.
- **Video Analytics Research Lab (2014):**
 - Advanced research hub with 100+ students trained and multiple research publications.

Key Outcomes

Faculty Achievements

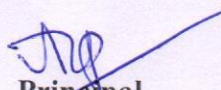
- 149 IPRs (3 granted, 146 published),
- Faculty published 923 research papers (236 SCI, 687 Scopus)
- Faculty with PhD qualification in the institute is 186
- One faculty member visited foreign country to present paper in International conference.

Student Achievements

- 1250+ placements with an average package of Rs. 5 Lakhs per annum (highest Rs. 44 LPA)
- 160 students won prizes/awards in national and international competitions
- 2879 students successfully completed internships
- 980 students participated in national contests organised by reputed institutions

Through its industry collaborations, CoEs and research-driven education, the institution continues to set benchmarks in academic excellence and industry readiness, shaping the next generation of skilled professionals.




Principal
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V.R. Siddhartha Engineering College
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