INTERNATIONAL WORKSHOP
On
"Development of Intelligent Systems & Smart Devices for Societal Problems (EPICS)"

10th & 11th October, 2020

Organized by

Department of
COMPUTER SCIENCE & ENGINEERING

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
Vijayawada-520007
Andhra Pradesh, INDIA

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Target Audience

UG/PG Students, Faculty members, Research Scholars and Academicians who are all intended to do Product design & development works.

About the College:

Velagapudi Ramakrishna Siddhartha Engineering College (VRSEC) was established in the year 1977 as the first self-financing engineering college in the state of A.P. It is located in a vast expanse of 24 acres of land on the outskirts of Vijayawada city at a distance of about 6 Kms from the city centre. The college offers 7 undergraduate programmes and 10 Post graduate programmes. The faculty at present are 350, comprising of well qualified professionals with varied experience and background. The college boasts 64 MoUs with industrial partners and has established Skill Development Centre in association with Govt of AP. The college was accredited by NAAC with A grade and obtained NBA accreditation for all UG and 5 PG programmes in OBE format approved by Washington Accord, USA.

About CSE Department:

Established in the year 1986, the department of CSE offers B.Tech programme in Computer Science and Engineering and one M.Tech Programme in Computer Science and Engineering. The B.Tech program was accredited by NBA of AICTE in 2005, 2008 and 2015. The M.Tech program was accredited by NBA in 2015. The department has a team of highly qualified senior faculty with specializations in core areas of Computer Science and Engineering. The CSE department has been sanctioned projects from various organizations like UGC, AICTE, DST, Dept of Space-NRSC and ADRIN. It has a faculty strength of 46 and an intake of 180 students for UG and 36 for PG programmes.

About the Programme:

"Smart Devices for Societal Problems", which is the most vehemently discussed issue with significant implications for the future of nation. The main objective of this Two day Workshop on "Development of Intelligent Systems & Smart Devices for Societal Problems (EPICS)" is to bring an awareness in the new paradigm, Internet of Robotic Things which helps to solve societal problem and the road map to modern implement EPICS course in the department. EPICS focuses on project feasibility, planning, designing and developing of prototype for existing societal problems.

Objectives:

1. To create an orientation on the new credit course - Engineering Projects for Community Service introduced as a compulsory course in VR17 curriculum Regulations suggested in AICTE Model Curriculum.

2. EPICS focuses on project feasibility, planning, designing and developing the solutions for existing societal problems.

3. To optimize societal, economic and environmental resources using computational sustainability methods.

4. 4. To bring an awareness on how to convert the EPICS projects into innovative products/start-ups and good publication/patents.

5. Focuses on different directions of societal problems and Innovative Engineering solutions.