Resource Persons

Dr. B Sundar, IFS
Special Secretary ITE &C,
Govt. of AP,
Vice Chairman, APSAC

Dr. William Oakes
Professor, Engineering Education
Director of EPICS
PURDUE UNIVERSITY, USA

Dr K Yella Reddy
Dean (Faculty of Agril. Engg & Technology)
Acharya N G Ranga Agricultural University, Guntur
Vice President International Commission
on Irrigation & Drainage

Sri A. Nageswara Rao
Director (Technical)
A.P. Space Applications Centre
(APSAC) ; ITE &C Dept.,
Govt. of AP

Vinod Babu B
Cyber Security Specialist,
Speaker & Trainer, Ryna Technologies,
Hyderabad

Madhu P
IoT, Blockchain, ML/AI Domain Expert
Solutions Architect, Madblocks
Technologies Pvt. Ltd., HYD

Arunjit Chowdhury
CEO, Enterprise Building
and Training Solutions

Chief Patron:

Dr. C. Nageswara Rao,
President, Siddhartha Academy of General &
Technical Education (SAGTE)

Patron:

Sri. P. Lakshmana Rao,
Secretary, Siddhartha Academy of General &
Technical Education (SAGTE)

Sri. M. Rajaiah,
Vice-President, Siddhartha Academy of
General & Technical Education (SAGTE),
Convener, V R Siddhartha Engineering
College

College Advisory Committee:

Dr. A.V. Ratna Prasad, Principal

Dr. B. Panduranga Rao,
Dean, StudentAffairs

Convener:

Dr. D. Rajeswara Rao,
Professor & Head, Department of CSE

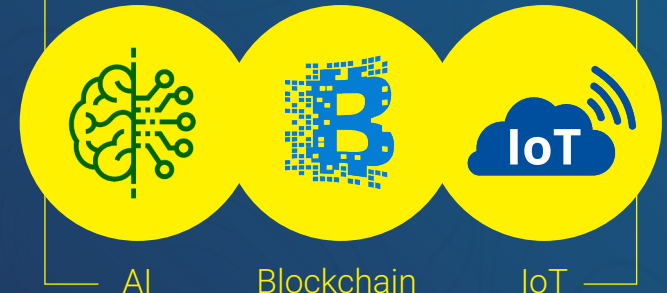**Co-Ordinators**

Dr. S. Vasavi
Professor, Department of CSE

Dr. Ramesh Kumar Panneerselvam
Sr. Assistant Professor, Department of CSE

Visit us:
https://www.vrsiddhartha.ac.in/cse/

INTERNATIONAL WORKSHOP / HACKATHON On

Development of Smart Solutions using **AI, Blockchain & IoT** for Societal Problems (EPICS)

03rd – 05th February 2022

AI   Blockchain   IoT

Sponsored by **SAGTE**

Organized by:
Department of
COMPUTER SCIENCE & ENGINEERING

**VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE**
(AUTONOMOUS)
(Sponsored by Siddhartha Academy of General & Technical Education)

www.vrsiddhartha.ac.in

About the College:

Velagapudi Ramakrishna Siddhartha Engineering College, (Estd.1977) Vijayawada, AndhraPradesh sponsored by Siddhartha Academy of General and Technical Education, the 1st private self-financing engineering college in the composite state of Andhra Pradesh. The college has been in Autonomous status granted by UGC since 2006. All the UG programmes & eligible 5 PG programmes offered by the college were accredited by NBA in Outcome Based Education format under Tier – I approved by Washington Accord. Only private institute in A.P. selected for MARGADARSHAN scheme by AICTE to share & Mentor institutions in the region for quality up gradation & accreditation of programs.

The College has been ranked among the top 200 engineering institutions by NIRF for the last 4 consecutive years. Received AICTE – CII award for best I-I-I in Civil Engineering department in 2019 from MHRD and rated platinum for the past four consecutive years. Only self-financing institution in A.P recognized as Band-Excellent Institution under ARIIA (Atal Ranking of Institutions on Innovation achievements) by MHRD. The college is also accredited by NAAC with 'A+' grade, and also certified by ISO 9001:2015. It is one of the TEQIP institutions in the country awarded with a World Bank grant by MHRD, Govt. of India. The college is

offering 8 UG courses in B.Tech, 9 PG courses in M.Tech besides MBA and MCA with a total student strength of 5700.

The college received grants in the form of R & D projects awarded by the UGC, AICTE, DST, ISRO, DRDO amount to Rs. 5.00 crores during the last 5 years. 86 patents were filed by faculty and students of our college. During last five years more than 1500 research articles are published in national and international journals and number of citations are more than 3000. Our curriculum is updated every three to four years incorporating contemporary fields and driven by the expert committees from industry and academia. The notable personalities include the members from IITs, State Universities and Industry experts from IBM, HCL, etc. 330 full time teaching faculty are serving among them 133 have Ph.D and 132 pursuing Ph.Ds.

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:

This workshop will focus on how to innovate and s lve social problems; some of the most effective ideas come from adopting the strategies or tec nologies that have created breakthroughs in different sectors. Challenges of the 21st century can be solved by innovation, imagination and integrity. However, success in implementing and s staining these smart infrastructures will take more than slick applications, connected devices and advanced analytics; it will also require a robust approach to security, privacy and trust. This workshop will emphasize mainly upon enabling technologies and potential solutions to societal challenges using a service- learning model, project assignments for the EPICS orientation and the skills they need to be successful.

Target Audience:

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