



S R K R ENGINEERING COLLEGE (AUTONOMOUS)

COMPUTER SCIENCE & ENGINEERING



The Department of Computer Science and Engineering was founded in the year 1991 by people who had a vision. This vision was how Computer Science and Engineering would fit into the unique spirit of S R K R Engineering college, an institution oriented to an unusual degree around under graduate education and close interdepartmental collaboration. One of the strengths of the department is well qualified and well experienced faculty. Presently having 3 Professors and 4 Associate Professors with 8 Ph.D., degrees and the Professors and Associate Professors have an average experience of 20 years, Assistant Professors having M.Tech., degrees with an average experience of 9 years. All the faculty are very much involved in research activity and doing research projects funded by DST, UGC, AICTE etc



On 2nd Jan, 2020, an expert talk on Recent developments in meta cognitive neural networks by N Sundar Rajan, Retired Professor from NTU, Singapore. He is also a research associate in NASA. Earlier he worked in ISRO for nearly 20 years.

He addressed the issues in ML, discussed how to adopt meta cognitive concept in NN, and also discussed how to improve the Neural Network accuracy & speed with meta cognitive concept



Faculty achievements

CSE faculty has published 4 papers in Journals & Conferences like Springer, IEEE , Elsevier etc.,

No of SCI papers – 01

No of Scopus papers- 2

No of UGC- 1

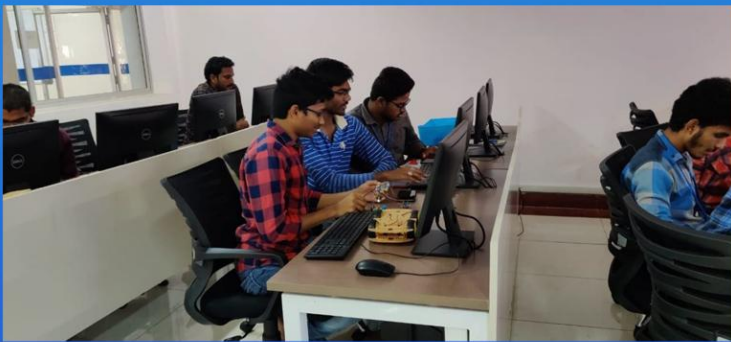
CSE faculty has participated in 2 different Faculty Development Programs



On 4th Jan, 2020, Dr Ch Someswara Rao in Assistant Profesor in CSE published a scopus paper in springer conference entitled “Tweet Segmentation- A Novel Mechanism”, Smart Innovation, Systems and Technologies, Springer

On 22nd to 25th , 27th to 28th, Jan, 2020, DIY (Do It Yourself) IOT workshop is conducted in Department of CSE. Participants from CSE, IT, ECE, EEE, MECH branches are participated in this workshop.

As a part of this workshop the actual hands on experience(ROVER testing) is performed by the participants



IOT kit coding & testing is doing by the participants in DIY (Do It Yourself) workshop.



Student Achievements

Various MNC software companies like INFOSYS,IBM, OPENTEXT,PHENOM PEOPLE etc., were visited for campus recruitment in which 164 students are selected.

Students attended in different workshops & conferences which are conducted by IITs/NITs and received prizes, Jan to Contd., 2020

VISION

To envision a diverse, stimulating, continually improving academic and research environment to fulfill the needs of the society and to mould students as socially responsible and competent professionals in the field of computer science and engineering.

MISSION

To provide a strong theoretical and practical background across the computer science and engineering discipline with an emphasis on software development.

To impart modern technologies with industrial, academic and research collaboration.

To inculcate professional behavior, strong ethical values, leadership abilities and impart the skills necessary to continue education for professional growth.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO 1

Graduates of the program will become significant component of computer industry with basic and specialized knowledge in computer science and engineering blended with knowledge in mathematics and modern technologies

PEO 2

Graduates will have adequate knowledge and technical skills for continuous education and research

PEO 3

Graduates are prepared to be socially responsible computing professionals/entrepreneurs by creating necessary environment that fosters the graduates' communication, presentation, teamwork, leadership skills, and professional ethics

PROGRAM SPECIFIC OUTCOMES (PSO'S)

PSO1

Ability to apply in depth problem solving and programming skills

PSO2

Ability to do collaborative development of software solutions for trans-disciplinary Engineering problems

PSO3

Ability to design and integrate hardware and software components for the advancement of technology