



# 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



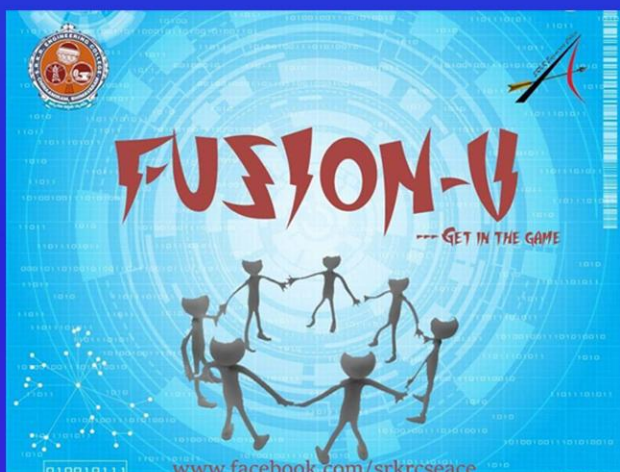
On 1st & 2nd Feb, 2018 The Inaugural function of SPURTHI 2018 started with Prayer song



Students attended to Bit coin workshop conducted in SPURTHI 2018. Participants from different colleges are attended to this workshop to gain knowledge on it



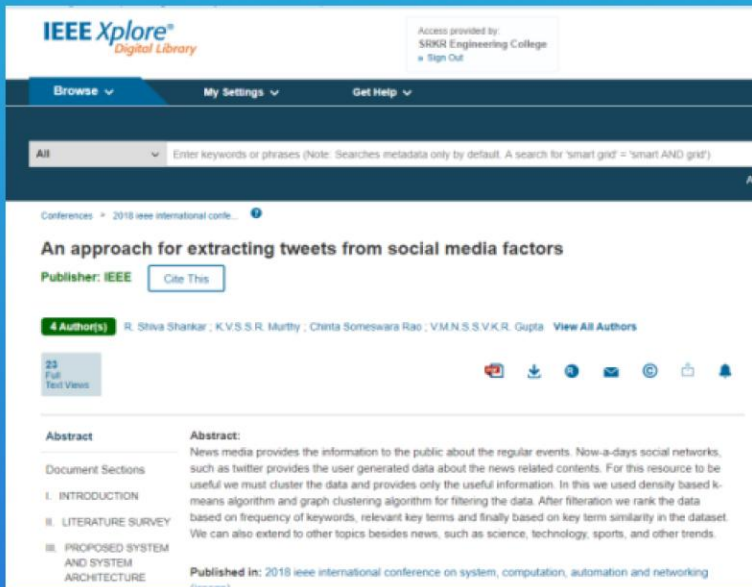
On 1st Mar, 2018, Dr Chinta Someswara Rao, Assistant Professor in CSE received best paper award for his paper entitled "MapReduce Accelerated Signature-Based Intrusion Detection Mechanism (IDM) with Pattern Matching Mechanism ", by Prof Hisao Ishibuchi, Chief Guest , Soft Computing in Data Analytics, SPRINGER



On 5<sup>th</sup> June, 2018 FUSION V event is held at CSE department, that explains to solve critical puzzles with live examples.



Participants from 1st, 2nd & 3rd years of CSE are attended to this event and share their knowledge as well as gain new knowledge



On 6th June, 2018 KVSSR Murthy Assistant Professor in CSE published SCOPUS paper in IEEE conference entitled “An approach for extracting tweets from social media factors”



On 29th Jun, 2018, CRYPTO-COMMIX, provides awareness to students about different techniques in data encryption and decryption. The students from 1st year, 2nd year, and 3rd year are participated in this event and gain knowledge about the importance of security

## Faculty achievements

CSE faculty has published 12 papers in Journals & Conferences like Springer, IEEE, Elsevier.

No of SCI papers – 01

No of Scopus papers- 4

No of UGC- 7

CSE faculty has participated in 04 different Faculty Development Programs

## Student Achievements

Various MNC software companies like OPSRAMP, GSS InfoTech, COGNIZANT, etc., were visited for campus recruitment in which 59 students are selected.

Students participated in different workshops & conferences which are conducted by IITs/NITs and received prizes, January to June, 2018

## 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