



# 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 6th & 7th Sept, 2017 SIJAG, the theme of this event is to improve interaction among first years and to gain some general knowledge

The students of first year participated in SIJAG and having good interaction with seniors and also gain general awareness

inPASS Indian Patent Advanced Search System	
Patent Search	
Patent Search	Patent E-register Application Status Help
Invention Title	SYSTEM AND METHOD FOR RECOGNIZING ANGLE ORIENTED IMAGES
Publication Number	39/2017
Publication Date	29/09/2017
Publication Type	INA
Application Number	201741032699
Application Filing Date	15/09/2017
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06F19/28
Inventor	
Name	Address
Dr R.N.V. JAGAN	Professor, Department of Information Technology, S.R.K.R Engineering College, Bhimavaram - 534204, Andhra Pradesh, India.

On 29<sup>th</sup> Sep, 2017, Dr RNV Jagan Mohan Filed and Published a patent entitled “System and method for recognizing angle oriented images” with patent number 20174102699A with Controller General of Patents, Government of India.

On 29<sup>th</sup> Sep, 2017, Dr Ch Someswara Rao Filed and Published a patent entitled “Methods and systems for prediction of chromosome-by-chromosome genome similarity”, with patent number 201741033425 with Controller General of Patents,

inPASS Indian Patent Advanced Search System	
Patent Search	
Patent Search	Patent E-register Application Status Help
Invention Title	METHODS AND SYSTEMS FOR PREDICTION OF CHROMOSOME-BY-CHROMOSOME GENOME SIMILARITY
Publication Number	39/2017
Publication Date	29/09/2017
Publication Type	INA
Application Number	201741033425
Application Filing Date	21/09/2017
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06F 19/18
Inventor	
Name	Address
CHINTA SOMESWARA RAO	ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SRKR ENGINEERING COLLEGE, BHIMAVARAM, WEST GODAVARI DISTRICT,

## Faculty achievements

CSE faculty has published 13 papers in Journals & Conferences like Springer, IEEE, Elsevier etc.,

No of SCI papers – 01

No of Scopus papers- 5

No of UGC- 7

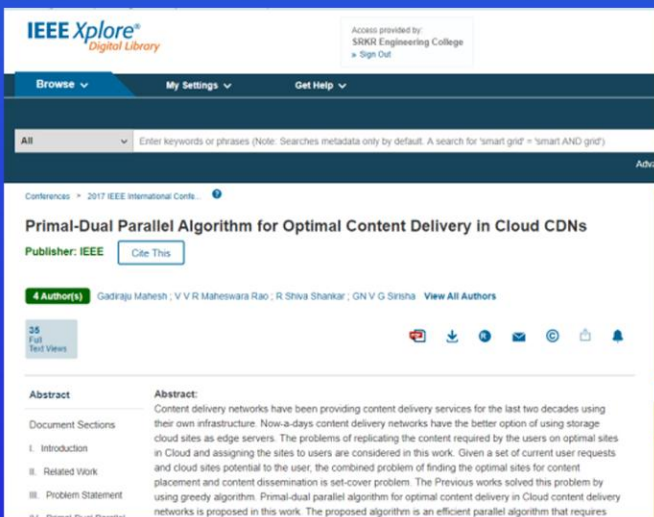
CSE faculty has participated in 04 different Faculty Development Programs



Faculty Development Program on DATA SCIENCE AND BIG DATA ANALYTICS, conducted from 30th Oct to 4th Nov, 2017 by SRKREC in association with NIT Warangal. Faculty from different colleges are attended to this workshop and gain knowledge in data science and big data analytics

## Consultancy Projects

Dr. G. V. Padma Raju has been involved in a consultancy project for an amount of Rs. “4,20,000” for “OpsRamp Projects”, in collaboration with NetEnrich Technologies.



On 14th Dec, 2017 Dr G Mahesh Associate professor in CSE published SCOPUS paper in IEEE entitled “ Primal-Dual Parallel Algorithm for Optimal Content Delivery in Cloud CDNs”, IEEE International Conference on Computational Intelligence and Computing Research (ICIC)

## Student Achievements

TCS, AVISO, XPORTSOFT, EMPHASIS, YATRA.COM visited the campus for recruiting the B.Tech students in which 63,5,1,6 & 2 CSE students were selected with annual package of 3.5,7,3,8 LPA respectively.

Students attended different workshops & conferences which are conducted by IITs/NITs and received prizes, July to December, 2017

## 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