NEWS LETTER

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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 4th Jan, 2016 an amount of 1500/- was given to Arunodhaya Mano vikasa Kendram.

An amount of 15500/- was given to Arunodhaya Mano vikasa Kendram from stalls earnings.

On 4th Jan, 2016 Goods worth 8,000/- was donated to Old age Home, Chinna Amiram.

An amount of 40000/- was given to Charity organizations from spurthi 2k16.

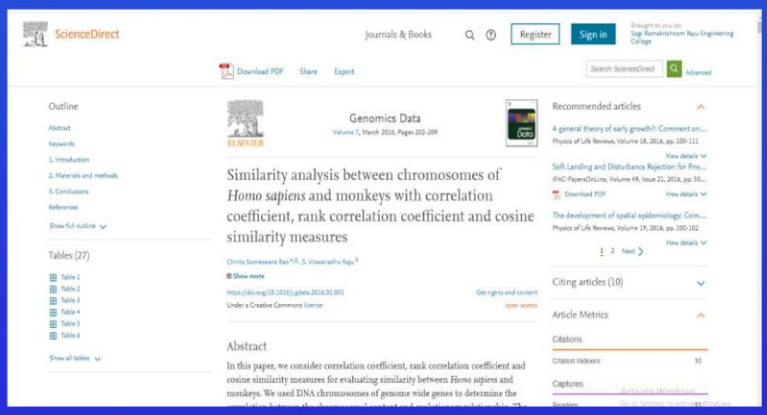
Faculty achievements

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

SCI papers – 01
Scopus papers- 4
UGC- 7

CSE faculty has participated in 05 different Faculty Development Programs

On 1st March, 2016 Ch Someswara rao published ESCI paper in Elsevier journal entitled "Similarity analysis between chromosomes of Homo sapiens and monkeys with correlation coefficient, rank correlation coefficient and cosine similarity measures", Genomics Data

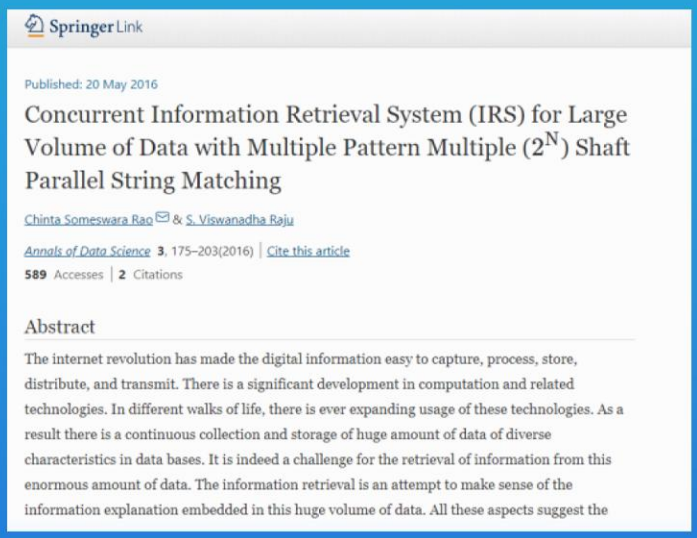


On 27th Feb, 2016 Department of CSE organized IEEE conference , Dr MSVS B Raju is the convenor . It is organized with the objective of bringing together researchers, developers & practitioners from academia and industry working in the area of advance computing

On 28th Feb, 2016 SRKREC management felicitated the Chief guests at IACC

Dr KR Murali Mohan, Head Scientist, Department of Science and Technology, speaking at the conference

Dr Andrew Rucensky, senior professor at New Hampshire University, US, and his wife being felicitated by the dignitaries



Springer Link

Published: 20 May 2016

Concurrent Information Retrieval System (IRS) for Large Volume of Data with Multiple Pattern Multiple (2^N) Shaft Parallel String Matching

Chinta Someswara Rao & S. Viswanadha Raju

Annals of Data Science 3, 175–203(2016) | Cite this article

589 Accesses | 2 Citations

Abstract

The internet revolution has made the digital information easy to capture, process, store, distribute, and transmit. There is a significant development in computation and related technologies. In different walks of life, there is ever expanding usage of these technologies. As a result there is a continuous collection and storage of huge amount of data of diverse characteristics in data bases. It is indeed a challenge for the retrieval of information from this enormous amount of data. The information retrieval is an attempt to make sense of the information explanation embedded in this huge volume of data. All these aspects suggest the

On 20th May, 2016, Ch Someswara rao published paper in SPRINGER journal entitled "Concurrent Information Retrieval System (IRS) for Large Volume of Data with Multiple Pattern Multiple (2N) Shaft Parallel String Matching" Annals of Data science, Springer

Student Achievements

TCS, KONY LABS,VISTRA IT,CAPGEMINI visited the campus for recruiting the B.Tech students in which 42,5,2,24 CSE students were selected with an annual package of 3.3,7,3.5,3.5 LPA respectively.

Students are particepated in diferent workshops & conferencess organized by IIT/ NIT and received prizes, July to December 2016

On 23rd Jun, 2016 an amount of 3,000/- was given to Dasari Revanth to treat his mother's illness

An amount of 5,000/- was given to Gayatri 4 years child for Bone Marrow transplantation.

An amount of 2,000/- was given to Emmanuel Children Orphanage for Gas Cylinder and food was provided to the children of kalvari orphanage.

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