KG COLLEGE OF ARTS AND SCIENCE
(affiliated to Bharathiar University and Accredited by NAAC)
Research and Development Cell
Faculty Researcher Profile

R & D CELL - KGCAS
co-Kreating Genius

FACULTY RESEARCHER PROFILE TEMPLATE

Name	Dr.S.Kanagalakshmi		Degree	MCA.,M.Phil.,Ph.D.
Image for home page	https://drive.google.com/file/d/1YoSAj4FQcWU63IMKrgkHLU_dQ86wtw0F/view?usp=sharing			
Faculty Profile (200 Words Minimum)	I have completed M.Phil in Computer Science at Madurai Kamaraj University,2008,in the title of "Analysis of Scalability for Clustering Algorithms" Under the guidance of Mr.S.Senthil MCA,M.Phil, Head ,PG Department of Computer Applications, Vidhyasagar College of Arts and Science, Udumalpet. I have completed Ph.D in Computer Application at Manonmaniam Sundaranar University at 2018,in the title of "Dynamic workflow scheduling in cloud computing environment based on optimization techniques", Under the guidance of Dr. K. Ramar, M.E., Ph.D., Professor, Computer Science and Engineering ,Einstein College of Engineering, Tirunelveli . During this research my three research paper was published in journals.			
Keywords	Cloud Computing, Workflow Scheduling, Makespan and Bubble-Net search Mechanism			

RESEARCH PROJECTS / FOCUS AREAS

Title and description of research projects and Ph.D Research / focus areas (Minimum 100 Words about each projects)	Ph.D Research:Dynamic workflow scheduling in cloud computing environment based on optimization techniques. In the recent years of information explosion across industry and academia, resulted in challenges of receiving, storing, managing, scheduled processing, analyzing of the data and interpreting the information out of it. Latest technological improvements like Cloud Computing, Distributed File System, Parallel Computing and In-Memory technologies address the challenges which big data has brought in. Based on the above mentioned technologies, this research presents workflow scheduling in cloud computing environment. The advanced development in virtualization technologies and cloud computing serve the way for distributing computing resources for existing resource pools based on demand and scientific computing. Cloud computing provides a pool of abstracted, virtualized resources, including computing power, storage, platforms and software applications over the internet based on users demand.

PUBLICATIONS

1. Designing A Novel Database Engine For Hybrid Workloads. Int J Recent Sci Res. 8(12), pp. 22456-22465.DOI:http://dx.doi.org/10.24327/ijrsr.2017.0812.1269,https://drive.google.com/file/d/1NG2zBsv rDD6i4Wlem -uSFXkhcXzFs88 / view?usp = sharing

2. Workflow Scheduling in Cloud Computing Environment using Chaotic Whale Optimization, S. Kanagalakshmi, Dr. K. Ramar CiiT,IJNCE(Vol-10,No-9)

3. Conceptualization of Big Data, S. Kanagalakshmi, Dr. K. Ramar, M. Karthigaieswari, Mathematical Sciences International Research Journal Volume 6 Spl Issue

   https://drive.google.com/file/d/1hl7zLdjoWsbOC9zc4AxmFAGOgJNi7JNj/view?usp=sharing

4. SURVEY OF CONTINUOUS IMAGE SEQUENCE RETRIEVAL TECHNIQUES Ms. M. Kavitha; Dr. S. Kanagalakshmi Assistant Professor, Department of M.Sc. Software Systems

Google Scholar ID	AO19UIQAAAAJ

FACULTY MEMBER CONTACT SECTION

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