Mekala Ramasamy

Cell : +91-9095809091.   Email : mekalars@gmail.com

Objective

Possessing   excellent administrative and written skills along with constructive and effective teaching methods that promote a stimulating learning environment. Looking for an opportunity to work on an important research work/study in an institution which provides professional development and interesting experiences.

Educational Background

Educational Qualification

Category	Name of the Degree	Specialization	Year of Passing	Name of the College /School	Name of the University	% of Marks / Grades obtained	Class Obtained
UG	B.E	Computer Science and Engineering	2008	M.P.N.M.J Engineering College,Chennimalai	Anna	75%	I Class
PG	M.E	Computer Science and Engineering	2010	K.S.Rangasamy College of Technology, Tiruchengode	Anna	8.69	I Class with Distinction
-	Ph.D	Information and Communication Engineering	-	K.S.Rangasamy College of Technology, Tiruchengode	Anna(2018Jan)	8.5	-

Course	School	Board	Year of Passing	Percentage of marks
H.S.C	Govt.Girls.High School,Uttukuli.	State Board	2004	85.3%
S.S.L.C	Govt.Girls.Hr. Sec.School, Uttukuli.	State Board	2002	93.2%

Experience

ACADEMIC EXPERIENCE

Name of the College	Year of Experience
K.S.Rangasamy College of Technology, Tiruchengode	**As Assistant Professor**
	8.9
Date	01/07/2010 to till date

Technical Skills

Having experience in teaching programming languages, programming concepts and computer science engineering subjects for both UG and PG.

International Conferences

- Presented a paper in ICGCT'14," 'Detection and Localization of Multiple spoofing Attackers in Wireless networks' in Jai Sriram group of institutions on March 6 and 7.

- Presented a paper in EMICS'12," Image spam detection through Pattern recognition with IP tracing technique"in Maria college of Engg and technology on Feb 16.

- Presented a paper in ICTACT'10, "A Distributed routing table manager for IP routers" in Kumarasamy Engg college on Feb 12.

- Presented a paper in ICSRET'17,"Division and Replication of Data in cloud for optimal performance and security'' in Ranganathan Engineering college on Mar 17.

- Presented a paper in ICET'2017," An Innovative Context to Explore Road Accident Time Series Data'' in Adhithya Engineering college on Mar 21.

- Presented a paper in ICRIETM'2018," Discovering optimal services with multi criteria based analysis on Social network reviews" in Nandha Engineering college on Mar 23.

International Journals

- Published a paper in IOSR Journal of Computer Engineering on the topic 'Detection and Localization of Multiple spoofing Attackers in Wireless networks' Vol.16,Issue 1,January 2014

- Published a paper in IJAERS Journal of Computer Engineering on the topic 'Effective ranking in social media' Vol.3,Issue 2,February 2016

- Published a paper in IJCSE on the topic ,'An Innovative Context to Explore Road Accident Time Series' - Special Issue - March 2017

- Published a paper in IJRAR on the topic"Decentralised Access control with Anonymous authentication of data stored on cloud',Vol 6,Issue1,March 2019

National Conferences

- Presented a paper in NCTACT'10, titled on"An Efficient Qos based distributed routing table manager for IP routers" Conducted by SNS college of Engg, Coimbatore.

- Presented a paper in NCRTIT'10, titled on"Qos based distributed routing table manager for IP routers" Conducted by Velalar college of Engg,Erode on March 10.

- Presented a paper in ETET'16, titled on"Contrast Enhancement based forensics and detection" Conducted by Gnanamani Engineering college, Namakkal

- Presented a paper in CEIET'19, titled on" A Hierarchical OLSR demographic inference for network coding in WSN' Conducted by Cheran college of Engineering,Karur on March 15.

Seminars / Workshops/Courses Attended

- Seminar on "IT Awareness Enhancement Program" organized by K.S.Rangasamy College of Technology, Tiruchengode.

- Seminar on "Emerging scientific applications in Data mining "sponsored by AICTE and organized by Kongu Engineering College on 2nd &3rd November 2010.

- Attended a National Programme on "Technology Enhanced Learning" held on 9th Aug 2014 at K.S.Rangasamy college of Technology, Tiruchengode.

- Attended two days FDP on "Object oriented programming and C++" conducted by Dr.NGP Institute of Technology Coimbatore in September 21-22,2011

- Participated ISTE workshop on "Cyber Security" conducted by Indian Institute of Technology Bombay from 10th to 20th July 2014.

- Attended six days FDP on"Foundation program 4.0" conducted by INFOSYS Ltd at K.S.Rangasamy college of Technology, Tiruchengode from 13th-20th July 2015

- Attended Webinar series on "presentation tools" conducted by Infosys ltd on August 2016

- Attended one day seminar on" Writing Research Papers: Predatory Journals, Copyright, plagiarism, Citation Analysis and Impact Factor(SALIS 2016)"by Department of Library, KSRCT on Nov19,2016.

- Attended one day workshop on "NPTEL Awareness" conducted by IIT Madras in KSRCE on 11th Jan 2017

- Attended one day workshop on "Teaching Methodologies" conducted by Infosys Ltd in KSRCE on 27th Mar 2017.

- Attended three days workshop on "Train the Trainer(TTT) on UI Technologies" conducted by Infosys Ltd at KSRCE on 28–30 Mar 2017.

- Attended Two week workshop on "Foundation program in ICT for education (IITBOMBAYX-FDP101X)" conducted by IIT Bombay on Aug 3-Sep 7, 2017.

- Attended Two week workshop on "Pedagogy for online and blended teaching learning process (IITBOMBAYX-FDP201X)" conducted by IIT Bombay on Sep14-Oct 12, 2017.

- Completed NPTEL online course on "Programming in C" during Jul-Sep 2017.

- Attended a two days workshop on 'salesforce Trailhead' conducted by ICTACT on Aug2018

- Attended two days workshop on' Writing Research proposals for funding, Patents filing, Journal paper publication' conducted by KSR Institute of Engineering and Technology on Feb 2018

- Completed NPTEL_Swayam online course on "Cloud Computing" during Feb-Apr 2018

- Completed a FDP approved NPTEL_Swayam online course on "Blockchain architecture and usecases" during Jul-Oct 2018

- Attended three days workshop on "Train the Trainer(TTT) on Agile Technology" conducted by Infosys Ltd at Mahendra Engineering College on Nov 22–24, 2018.

- Completed a FDP approved NPTEL_Swayam online course on "Datamining" during Feb-Apr 2019

- Attended oneday workshop on"

- Attended workshop on"J-Gate" in KS

Achievements

- Received a Bronze level award from Infosys for the Inspire level partnership for the year 2017
- Received mentor Appreciation Certificate for the course "Cloud computing"(April 2018) from Swayam-NPTEL
- Produced 100% results in the subject 40CS702-Cloud computing in End semester Examinations Nov/Dec 2018 for 2015-2019 Batch ECE students
- Received mentor Appreciation Certificate for the course "Computer Architecture"(Oct 2018) from Swayam-NPTEL

Organizational Responsibilities

- Contributed and coordinated work for institute's certification such as,

    NBA tier I

    ISO 9001: 2001(E)

    NBA (National Board of Accreditation)

    NAAC (National Assessment and Accreditation Council)

- Examiner in internal and external examinations under Anna University.

- A Member of the Indian Society for Technical Education (ISTE LM 64116).

- Involved in several subject's question paper preparations.

- Guided several batches of final year projects for both under graduation and post graduation.

- Acted as a Department magazine co-coordinator

- Acted as a dynamic Class Advisor and project co-ordinator

- Successful coordinator for departmental associations, symposiums and college committees.

- Acted as NPTEL online courses Co-ordinator

- Acted as the   training programme incharge for Infosys-Foundation programme 4.0 for students from the academic 2015-16,2016-17,2017-18,2018-19.
- Acted as a project co-ordinator for the CSE batch 2014-2018
- Acted as a department exam Co-ordinator

Subjects/Papers Handled

- Data mining
- Computer Architecture
- Software Engineering
- Object Oriented Programming And C++
- User Interface And Design
- Advanced Database technology
- Fundamentals of Information Technology
- Fundamentals Of Programming
- Database management systems
- Professional ethics
- Java programming
- Graphics and multimedia systems
- Computer Programming
- Web technology
- Data structures
- Quick Response Code
- Cloud Computing
- Advanced Computer Architecture
- Design and analysis of Algorithms

Personal Information

Name	:	R.Mekala
Date of Birth	:	14-07-1987
Nationality	:	Indian
Languages known	:	English, Tamil
Husband name	:	P.Sakthivel
Address For Communication	:	#249, Ganapathi Palayam,
		Kuppuchipalayam (PO),

Karur Dt-639 116

Date: 20.04.2019   **Signature**
                                                                              (Mekala R)