Sri Sai Ram Engineering College

Department Of Humanities And Sciences

Name : **Dr. S.K. UMAMAHESWARAN**	
Designation :	Professor
Qualification :	M.Sc., M.Phil., B.Ed., Ph.D., LMISTE
Area of Specialization :	PG : Functional Analysis PhD : Design of Expert System (A.I.)
Experience :	Teaching : UG : 28 yrs 20days PG : 14 yrs
	Industry : Nil
No. of Workshop / Conferences / FDP attended / Online Course Completed	27
Publication :	Journal National : 2 International : 4

	Conference National : 1 International : 4
Research Guidance :	Nil
Membership of professional bodies :	● Life member of Indian Mathematical Society. ● Life member of Ramanujam Mathematical Society ● Life member of ISTE ● Life Member of Association of Mathematics teachers of India.
General :	● Nodal Officer UBA Since 2017 ● NSS Programme officer since 1997 ● Conducted 19 (thirteen) NSS special camps (10 days each) ● Member of editorial of college magazine 'Magsai' since its inception ● Member of college transport committee & bus in charge of K.K Nagar route.

Staff Achievements :	Achieved 100% result 6 times in Anna University Examination in various Mathematics Courses.

Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.	Mathematics	1988	Thiagarajar College Madurai	Madurai Kamaraj University	74	I
PG	M.Sc.	Mathematics	1990	Thiagarajar College Madurai	Madurai Kamaraj University	81	I
	M.Phil.	Functional Analysis	1991	-	School of Mathematics, Madurai Kamaraj University	59	II
Ph.D.		AI Applications	2009	Sathya Bama University	Sathya Bama University	-	-

Academic Experience : As on 31-3-2022

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Madurai Kamarajar University College, Madurai.	Lecturer	1994	1996	2	-	-
Sri Sairam Engineering College	Lecturer	12.8.1996	2001	5	-	-
	Sr. Lecturer	2001	2005	4	-	-
	Asst. Professor	2005	2009	4	-	-
	Professor	2009	TILL	13	0	20
Total				**28**	**0**	**20**

PUBLICATIONS

Journal:

1. Umamaheswaran S K, Meenatchi Sundaram M and Rajasek aran. S. 'A study on controlling Hospital acquired Infections: A know ledge based system approach', (2007).Information Technology Journal, Vol.6, No.1, pp.129-134.

2. Umamaheswaran S K and Rajasekaran S. 'Framework for developing Infection Control Surveillance: A knowledge discovery approach' (2007). The Icfai Journal of Systems management, Vol.5, No.3, pp.48-61.

3. Umamaheswaran,S,K., 'Knowledge based fault diognosis system for sensor fault detection and isolation of industrial plants'(2010). International journal of applied mathematics, Vol.23, No.1, pp.43-53.

4. Umamaheswaran.S.K., 'Statistical process control analysis for monitoring dangerous hospital acquired infections',(2009). International journal of pure and applied mathematics.Vol.57, No.4, pp.593-603.

5. Umamaheswaran.S.K., Frame work for developing an Expert System for car fault diognosis.(2009). Journal on future engineering and technology. Vol.5,. No.2, pp.17-24.

6. Umamaheswaran.S.K., Online fault deduction and isolation of industrial plants- An algbraic and artificial inteligence analysis.(2010). International journal of design and manufaturing technologies. Vol.4, No.1, pp.47-56.

Conferences:

1. Umamaheswaran S K and Rajasekaran S. 'Monitoring Dangerous Nosocomial Infection: A knowledge based Expert System approach' (2006), Proceedings of first International Conference on Frontier Technologies - Need for the Industry, Business and education'. ISTE. Adhiyamaan College of Engineering, Hosur, pp.179-184.

2. Umamaheswaran S K and Rajasekaran S. 'An Artificial Intelligence approach for developing Infection Control Surveillance System'(2006). Proceedings of IEEE National Conference on Information Communication Conversance, B.S. Abdur Rahman Crescent Engineering College, Chennai, pp.84-93.

3. Umamaheswaran S K and Rajasekaran S, 'Design of Expert System for Antibiotic Resistance for Controlling hospital acquired Infections'(2006). Proceedings of National Conference of Emerging Technologies & applications Computer Science Department of Saurashtra University, Rajkot, pp.127-134.

4. Umamaheswaran S K and Rajasekaran S, 'Statistical process control – A tool for quality improvement' (2009).International conference on Digital Factory (2008), CIT, Coimbatore. Pp. 1232-1239.

Workshop:

1. Attended ten day workshop on "Graph Theory and Neural work" organized by Department of Mathematics & Computer Application, Sri Venkateshwara College of Engineering, Sri perumpadur, Chennai during March 2001.

2. "One Day Orientation workshop for NSS Program Officers" Organized by Anna University, Chennai on 8th June 2019

3. Attended two days National workshop on "Socially Relevant Technical Education : Exploring Cooperation Oriented Action" Organized by IIIT Sri City Chittoor & NITTTR Chennai on 6th Dec 2019 & 7th Dec 2019

4. Attended one day workshop on "Regional Workshop for the Orientation of Participating Institute to Initiate work in the Adopted village Clusters" Organized by MHRD & SRM Institute of Science and Technology on 25th Jan 2020

5. One Day Orientation workshop for NSS Program Officers" Organized by Anna University, Chennai on 5th March 2020

6. Attended one day workshop on "Launching a New framework of UBA 2.0 & Orientation Workshop" Organized by IIT Delhi & MHRD on 25th April 2020

7. Attended one day workshop on "Planning of UBA activities in Village Clusters adapted by Participating Institutes" Organized by MHRD & IIT Madras on 6th Aug 2020

Online Course:

1. Course titled "Statistics for Data Science and Business Analysis" offered by (Udemy) 22.11.2019

2. Course titled "Statistics Made Easy by Example for Analytic /Data Science" offered by (Udemy) 15.12.2019

3. Course titled "Business Analytics for Decision Making" offered by University of Colorado (Coursera), 13.05.2020

4. Course titled "The Sustainable Development Goals- A global, transdisciplinary vision for the future offered by (Coursera), University of Copenhagen 16.05.2020

5. Course titled "AI for Everyone" offered by (Coursera), deeplearning.ai 22.05.2020

6. Course titled "Deep Learning for Business" offered by (Coursera), Yonsei University 29.05.2020

7. Course titled "Structuring Machine Learning Projects" offered by (Coursera), deeplearning.ai 28.05.2020

8. Course titled "Introduction to Search Engine Optimization" offered by (Coursera), University of California Davis 02.06.2020

9. Course titled "Leadership And Emotional Intelligence" offered by (Coursera), Indian Business School 03.06.2020

10. Course titled "Introduction to Cloud Identity" offered by Google Cloud 06.06.2020