Name of the Faculty		Dr.S.Kayalvizhi		
Designation		Professor		
Contact details	Intercom	3013		
	Email	kayalvizhi.s@eec.srmrmp.edu.in		
Qualification	UG	B.E	Computer Science and Engineering	
	PG	M.E	Computer Science and Engineering	
	Ph.D.		Computer Science and Engineering	
Specialization/ Major areas of Research	Mobile Computing and wireless Network and Security			
Experience	Teaching: 31 yrs 5 months	Industry: Nil		Research: Nil
Anna univ Faculty ID	3106218			
AICTE faculty code	1-510141614			
Professional Memberships	IET, ISTE			
Papers Published in Journals	International : 31	National : 5		
Papers Presented in Conferences	International : 40	National : 8		
Citations	Scopus : 10 Google Scholar : 13	h-index-3		

Events Organised:

- Associated with Easwari Engineering college for the past 13 years as Professor.
- Organized various National and International Workshops and Faculty Development Program sponsored by IET and AICTE.
- Attended various AICTE sponsored Faculty Development Program and Workshops.

- Published more than 30 research paper in National and International journals and Conferences.
- Out of which more than 15 papers are indexed in reputed databases like Scopus . More than 15 papers are published in IEEE and Springer Conferences.
- Convenor for the **"Women Empowerment Cell" and "Internal Complaint Committee "** for the past 10 years.Various events like Women laws in India and domestic violence,awareness program in Women harassment,,awareness program in Covid19,Motivational program on "My dream and My future" and so on is been conducted.

Paper Publications (Scopus indexed) :

1".Increasing sybil attack detection probability in open-access distributed systems" Hadlee, N.A., Kayalvizhi, S. International Conference on Recent Trends in Information Technology, ICRTIT   2011, 2011, pp. 1137–1142, 5972445

2".Enhancing fast handover by utilizing PMIPv6 and TBU Scheme" Prashanthi, S., Kayalvizhi, S.International Conference on Ubiquitous and Future Networks, ICUFN, 2015, 2015-August, pp. 938–943, 7182684

3. "Optimized fast handover using TBU scheme for PMIPv6 based network mobility"Kayalvizhi, S., Ponnavaikko, M.International Journal of Applied Engineering Research, 2016, 11(2), pp. 944–949

4. "Neural network based intelligent sensor fault detection in a three tanks interacting level process"

Nagarajan, S., Kayalvizhi, S., Karthikeyan, B.International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016, 2016, pp. 2429–2434, 7755130

5."Automation in manufacturing and retail industry using smart labels"Kayalvizhi, S., Amirtha Sughi, D., Divyalakshmi, R.International Journal of Advanced Science and Technology, 2019, 28(12), pp. 450–459

6."Data driven scene classification to analyze ADAS"Priyadarshini, R., Kayalvizhi, S., Geetha, A., PIoremkumar, T. International Journal of Recent Technology and Engineering, 2019, 8(2 Special Issue 4), pp. 117–119

7."An Underground Pipeline Water QualityMonitoring Using Iot Devices"S. Angel vergina , Dr. R.M. Bhavadharini Dr.S.Kayalvizhi European Journal of Molecular & Clinical Medicine ISSN 2515-8260 Volume 07, Issue 08, 2020

8. "A Real Time Water Quality Monitoring Using Machine Learning Algorithm" European Journal of Molecular & Clinical Medicine ISSN 2515-8260 Volume 07, Issue 08, 2020

9." Review of Psychometric Data Analysis for HealthCare based on Emotional Intelligence" ECS Transactions Vol 107, Issue 1, Pages 4369 – 4376 2022.

10."Smart Waste Management using Geo Tracking of Waste for Sustainable Habitat" International Journal of Early Childhood Special Education (INT-JECSE) Vol 14,Issue2,2022.(WOS)

Patent Published:

1."IoT Driven" Artificial Intelligence for smart food recommendation to Health Management System" published on 25/2/2022.

2."An Autonomous Shopping System FPR Visually impaired and a method thereof" published on 27th April 2022.