R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

RSM Nagar, Puduvoyal– 601206, Gummidipoondi (T.K), Thiruvallur (D.T), Tamil Nadu

(An Autonomous Institution)

Approved by AICTE, New Delhi/ Affiliated to Anna University, Chennai
Accredited by NBA (All Eligible Courses) / NAAC with "A" GRADE
An ISO 21001:2018 Certified Institution

FACULTY PROFILE

PERSONAL INFORMATION

Name	:	Ms RAJALAKSHMI S
Designation	:	Assistant Professor II
Department	:	ECE
DOB	:	31.10.1992
DOJ	:	07.12.2018
AICTE Unique ID	:	1-4642618927
Anna University Faculty ID	:	269396
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Phone	:	04467900640

EDUCATIONAL QUALIFICATION

UG	PG	DOCTORATE	OTHER QUALIFICATION
B.E (ECE)	M.E (Embedded Systems and Technologies)	(Ph.D).,	-

Title of Ph.D. Research

A Hybrid Deep Learning Architecture for the Classification of Sleep Stage from Single Channel EEG

Areas of Expertise & Research Interests

Embedded Systems, Internet of Things, Biomedical Signal Processing, Deep Learning

WORK EXPERIENCE

Teaching	Research	Industry	Total
6.3 years	-	-	6.3 years

RESEARCH & PUBLICATIONS			
Journal Publications (SCI/Scopus/UGC-Care Indexed)	-	Scopus Citation	20
Conference Publications (Scopus Indexed)	12	Google Scholar Citation	26
Book Chapters (Scopus Indexed)	-	Scopus h index	3
Others	1	Google Scholar h index	3
Total publications	13	Text Books Authored	3

PATENTS, INNOVATIONS & INTELLECTUAL PROPERTY			
Granted Patents:	-	Filed Patents	1
Technology Transfers & Commercialized Products	-	Total	1

SPONSORED RESEARCH PROJECTS, GRANTS & CONSULTANCY					
Project Title	Funding Agency/Industry	Grant Amount	Duration	Role (PI/Co-PI)	Status
Pipe Inspection Robot for Non-Destructive Testing	Excellent NDT Technologist, Chennai.	Rs. 30,000	3 Months	PI	Completed

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS			
Professional Society Member	Editorial Board Member	Editor	Reviewer
2	-	-	-

CONFERENCES, WORKSHOPS, & SEMINARS		
Attended	Organized	Invited Talks / Guest Lectures delivered
10	3	-

TEACHING & UP SKILLING		
YouTube Lectures Link	e-Content Link	MOOC Courses Completed
https://www.youtube.com/@ecpedia433	https://www.slideshare.net/RajalakshmiSermadurai	26

ADMINISTRATIVE RESPONSIBILITIES	
Institution Level	Overall Course Convenor- Microcontroller and Interfacing
Department Level	1. Department Research Cell Coordinator 2. NBA Criteria 5 Coordinator 3. Embedded System Lab In-charge 4. Subject Coordinator-Embedded and IoT Design 5. Staff Activity Coordinator ((Awards, PhD supervisors' details, PhD pursuing details, books published) 6. Digital Detox Club Coordinator 7. Class Advisor 8. ISO-Faculty performance review, Research Data

AWARDS & RECOGNITIONS		
Name of Award	Institution/Organization	Year
Successful Coordinator	ICT Academy for New India Learnathon 2020	2020

Additional Information

Mentored a team selected for the Naan Mudhalvan Niral Thiruvizha 2.0 initiative by Tamil Nadu Government, receiving Rs. 10,000 award for their innovative idea.