



## R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

RSM Nagar, Pudukkottai- 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	:	Dr.K.G.Shanthi
Designation	:	Professor
Department	:	ECE
DOB	:	06.07.1974
DOJ	:	01.06.2015
AICTE Unique ID	:	1-2658900708
Anna University Faculty ID	:	1116152
Email	:	Shanthi.vivek@gmail.com
Phone	:	04467900640



EDUCATIONAL QUALIFICATION			
UG	PG	DOCTORATE	OTHER QUALIFICATION
B.E (ECE)	M.E (VLSI Design)	Ph.D (ICE)	-
<b>Title of Ph.D. Thesis</b>			
FPGA Based Performance Enhanced Architectures for the FIR Filter Using Distributed Arithmetic			
<b>Areas of Expertise &amp; Research Interests</b>			
VLSI signal Processing, Antennas, IoT, Electromagnetics.			

WORK EXPERIENCE			
Teaching	Research	Industry	Total
24.6	10	-	24.6

RESEARCH GUIDANCE			
Anna University Supervisor Recognition Number: -			
Ph.D Awarded	-	Ph.D Pursuing	-

RESEARCH & PUBLICATIONS			
Journal Publications (SCI/Scopus/UGC-Care Indexed)	25	Scopus Citation	166
Conference Publications (Scopus Indexed)	17	Google Scholar Citation	238
Book Chapters (Scopus Indexed)	-	Scopus h index	7
Others	10	Google Scholar h index	9
Total publications	52	Text Books Authored	4

PATENTS, INNOVATIONS & INTELLECTUAL PROPERTY			
Granted Patents:	-	Filed Patents	6
Technology Transfers & Commercialized Products	-	Total	6

SPONSORED RESEARCH PROJECTS, GRANTS & CONSULTANCY					
Project Title	Funding Agency/Industry	Grant Amount	Duration	Role (PI/Co-PI)	Status
Design and Implementation of Ultra-Wide Band Wearable Antenna Sensor to Detect Protein Level	Science and Engineering Research Board (SERB/ANRF)	Rs. 21,79,914 /-	3 years	PI	Ongoing
Flexible Dual Ring Antenna for Wireless Medical	Tamil Nadu State Council for Science and Technology, Chennai	Rs. 7500/-	1Year	PI	Completed

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS			
Professional Society Member	Editorial Board Member	Editor	Reviewer
8	-	-	6

CONFERENCES, WORKSHOPS, & SEMINARS		
Attended	Organized	Invited Talks / Guest Lectures delivered
118	8	20

TEACHING & UP SKILLING		
YouTube Lectures Link	e-Content Link	MOOC Courses Completed

<a href="https://www.youtube.com/@dr.shanthik.g1223">https://www.youtube.com/@dr.shanthik.g1223</a> <a href="https://www.youtube.com/watch?v=TbMwe-IVJAI">https://www.youtube.com/watch?v=TbMwe-IVJAI</a> <a href="https://www.youtube.com/watch?v=myCGzlc72X8">https://www.youtube.com/watch?v=myCGzlc72X8</a> <a href="https://www.youtube.com/watch?v=LZIsEWAyW7k">https://www.youtube.com/watch?v=LZIsEWAyW7k</a> <a href="https://www.youtube.com/watch?v=UKtYXG9YSdQ">https://www.youtube.com/watch?v=UKtYXG9YSdQ</a> <a href="https://www.youtube.com/watch?v=h-LK61Asy_k">https://www.youtube.com/watch?v=h-LK61Asy_k</a> <a href="https://www.youtube.com/watch?v=1DuqFvcnoIE">https://www.youtube.com/watch?v=1DuqFvcnoIE</a>	<a href="https://www.slideshare.net/DrSHANTHIKG">https://www.slideshare.net/DrSHANTHIKG</a>	35
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ADMINISTRATIVE RESPONSIBILITIES	
Institution Level	NIRF Coordinator Women Empowerment cell Coordinator
Department Level	NBA Coordinator ECE ESE Board Vice-Chairman NBA C-1 Coordinator Research Group Head Project Coordinator

AWARDS & RECOGNITIONS		
Name of Award	Institution/Organization	Year
Young Women Scientist Award	Dr.Kalam Educational trust	2017
Student Project of the Year 2017-18	Institute for Exploring Advances in Science & Engineering	2017
Primary Evaluator in Toycathon 2021	Ministry of Education Innovation Cell	2021
Excellence in Reviewing	Asian Journal of Education and Social Studies	2023
Certificate of Excellence in Reviewing	Journal of Education, Society and Behavioral Science	2023

<b>Additional Information</b> [Any other relevant details]
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