



P.S.R. ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University)

(Approved by AICTE & Accredited By NBA & NAAC Listed under 12(B) of the UGC Act, 1956, ISO 9001-2008 Certified Institution)

Sivakasi-626 140, Virudhunagar District, TamilNadu.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PROFILE

1. Name : Dr P.KARUPPASAMY

2. Date of Birth : 20.05.1974

3. Highest Qualification : Ph.D

4. Designation : PROFESSOR



4. Academic Performance (Descending Order):

S.No	Degree	University/ Institution	Year of Pass	% of Marks	Class
2.	M.E. (Applied Electronics)	Madurai Kamaraj University	DEC 2000	74.5	I
3.	B.E. (I &CE)	Madurai Kamaraj University	APRIL 1996	63.4	I
4.	Ph.D.	ICE	2018		

5. Total Years of Experience:

S. No.	Period		Organization / Institution	Position Held
	From	To		
1.	20.4.2001	18.6.2004	RVS college of engineering and technology	Lecturer

2.	21.6.2004	21.4.2006	Syed Ammal Engineering college	Senior Lecturer
3.	22.4.2006	30.6.2012	Syed Ammal Engineering college	Assistant Professor
4.	1.7.2012	8.12.2018	Syed Ammal Engineering college	Associate Professor
5.	10.12.2018		P.S.R Engineering college	Professor

7. Date of joining in this Institution : 10.12.2018

8. Designation as on Date of Joining : Professor

9. Present Designation : Professor

10. Number of promotions since date of joining :-

11. Academic Performance:

S. No.	SUBJECT NAME	Year	Particulars
1.	Communication engineering	2018 -2009	96.5% Result (5 th sem EEE)
2.	Industrial Internet of Things Design	2019 -2020	98.24.7% Result (7 th sem ECE)
3.	Electronic Measurements and Instrumentation	2019- 2020	96.66% Result (3 rd sem ECE)

12. List of publications

National/ International Journal:

Publication in Journals:

1. **Karuppasamy, P**, Abudhahir, A, Prabhakaran, M, Thirunavukkarasu, S, Rao, BPC & Jayakumar, T 2016, 'Model-based optimization of MFL testing of ferromagnetic steam generator tubes', **Journal of Non-destructive Eval**, vol. 35, no. 1, pp. 1-9, ISSN: 0195-9298, (Print) 1573-4862 (Online), DOI 10.1007/s10921-015-0320-x (Annexure – I: Version 2016.1), Impact Factor – 1.44.
2. K.Sabitha Banu¹, **P.Karuppasamy**², S.Selvaperumal³ & P.Nedumal Pugazhenth⁴ 2017 'Modal based analysis of binary adders with fault tolerance using QCA in marine applications', *Indian Journal of Marine Sciences* vol.46 (5) pp.1069-1075 (Annexure – I: Version 2016.1), Impact Factor – 0.289.
3. M Prabhakaran, **P Karuppasamy**, A Abudhahir and B P C Rao. Article: Modelling of Mfl System to Inspect Ferro Magnetic Tubes. *IJCA Proceedings on International Conference on Innovations In Intelligent Instrumentation, Optimization and Electrical Sciences ICIIIOES(5):27-33, December 2013.*
4. "Design and Analysis of Dual Band Dual Mode Button Antenna", *International Journal of Emerging Technologies and Innovative Research (www.jetir.org)*, ISSN:2349-5162, Vol.6, Issue 2, page no.297-300, February-2019.
5. "Industrial Based Fire Detection and Protection Robot using Arduino", *International Journal of Emerging Technologies and Innovative Research (www.jetir.org)*, ISSN:2349-5162, Vol.6, Issue 5, page no.14-18, May-2019.
6. "ATM Security based on Iris Recognition using MATLAB and Arduino", *International Journal of Emerging Technologies and Innovative Research (www.jetir.org)*, ISSN:2349-5162, Vol.6, Issue 5, page no.51-54, May-2019.

13. Publication Citation Details

	(Google Scholar)	Scopus
No. of Documents	03	--
Total Citation	14	--
h- index	2	--
i10 – index	--	--
Total Impact Factor		--

14. Funded Projects from Govt./Non-Govt. Agencies

Sl. No	Name of the Minor Projects	Sponsoring Agency	Amount (Rs)	Investigators	Date/Duration	Status
1.	NIL					
2.						

14. Detail of Patent Filed/Awarded

Sl. No	Name of the Patent	Patent Number	Date of Published/Awarded
1.	Smart Cart with Automated Billing using Aadhar	201941001316 A	29.11.2019
2.	Borewell Rescue Robot	201941001317 A	29.11.2019
3.	Underwater Surveillance Robot	201941001318 A	29.11.2019
4.	Automatic Adjustment of Position of Microphone using Ultrasonic Sensor and RF module	201941001319 A	29.11.2019

15. Detail of Books Published

Sl. No	Name of the Author	Title of the Book	ISBN No.	Year	Name of the Publisher
1.					

16. Self-Appraisal:

3. Self-Appraisal:

Major Strengths	Major Weaknesses
1. Hard worker 2. Sincere in work 3. Team worker	1. Lacking in time management 2. Kind hearted

List of subjects handled	1.Industrial Internet of Things Design 2.Electronic Measurements and Instrumentation 3.Communication Engineering
List of additional responsibility handled	.1.Placement coordinator from 2018 December to 2019 2.Class Advisor for III year ECE (2017 – 2021 passed out Students) 3.C 7.1.10 and 7.1.11 coordinator for NA.AC 4.Course Coordinator for getting AU Affiliation of Biomedical Engineering Department

Details of Training undergone	---
FDP attended	---
FDP Organized	----
Involvement in R&D activity	<p>Publication in journals:</p> <ul style="list-style-type: none"> • Total No. of publication: 7 • Total No. of publication (in PSR affiliation): 3 • Total No. of publication in 2018: 3
Funds raised	---
Additional courses organized	---
Details of Seminars / workshops organized	----
Details of National/ International Seminars organized	----
Contribution to institute activity	<p>1.Admission Work</p> <p>2.C 7.1.10 and 7.1.11 coordinator for NA.AC</p> <p>3.Course Coordinator for getting AU Affiliation of Biomedical Engineering Department</p>
Contribution to departmental activity	

	<p>.1.Placement coordinator from 2018 December to 2019</p> <p>2. Class Advisor for III year ECE (2017 – 2021 passed out Students)</p> <p>Motivating students to appear in Competitive exams (GATE,UPSC and ENGG SERVICES) and to participate in Paper/Project presentation conducted by other colleges,</p>		
Promotional details	Date promoted	10.12.2018	
	Designation	Professor	

Signature