

Research Profile

Name : Dr.P.KARUPPASAMY

Designation : Professor

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Education:

Name of the Degree	Specialization	Year of Passing	Name of the College/ University
Ph.D.	Information and Communication Engineering	2018	Anna University, Chennai.
M.E	Applied Electronics	2000	Mohammed Sathak Engineering College Kilakarai,
B.E	Instrumentation and Control Engineering	1996	Arulmigu kalasalingam College of Engineering, Kishnankovil

Publications:

Journals (along with impact factor if any):

INTERNATIONAL JOURNALS

1. R. Senthil Ganesh, **P. Karuppasamy**, A. Abudhahir, R. Vinoth, S. Selvaperumal, T, 2016, 3D Modeling of MFL Imaging System to Detect Surface Discontinuities in Ferromagnetic Tubes', **Materials Evaluation, Volume 78, Issue 3**, vol. 35, no. 1, pp. 19, ISSN: 0195-9298, (Print) 1573-4862 (Online DOI: doi.org/10.32548/2020.me-04078 (Annexure – I: Version 2016.1), Impact Factor – 0.48.
2. **Karuppasamy, P** "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.
3. **Karuppasamy, P**, 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.

4. **Karuppasamy, P** "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.
5. **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.
6. 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.
7. M Prabhakaran¹, **P Karuppasamy**², A Abudhahir³ and B P C Rao⁴ 2013 'Modelling of Mfl System to Inspect Ferro Magnetic Tubes' International Journal of Computer Applications PP.027 – 033.

Awards/ Recognitions:

- **uLektz Award - Top 20 Top 20 Revolutionary Education Leaders for the year 2020**

Journals Reviewer

- IEEE Access
- Journal of Sensors and actuator
- COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering.

Anna University Supervisor Recognition Number: 3340077

List of Research Scholars: 1

Sl. No.	Name of the Research Scholar	Affiliation of the Scholar	University in which registered	Status of the research	Title/Area of Research
1.	Mr.N.S. yogaananth	PSR Engineering College, sivakasi	Anna University Chennai	Course work	Antenna