


Faculty Profile

Name	:	Dr.M.P.Flower Queen					
Date of Birth	:	29/07/1977					
Highest Qualification	:	Ph.D.,					
Date of Joining	:	20/04/2022					
Designation	:	Professor					
Date of promotion (Present Designation)	:						
Area of Interest	:	Control system, Robot Manipulator, Fuzzy logic, Neural Network					
Mobile No	:	9486680636	Email ID	:	flowerqueen.mp@trp.srmtrichy.edu.in		
Experience	:	Teaching :	22	Industry :	-	Research :	-
Address (for Communication)	:	15 -258 B7, flower cottage, Iswariya Garden, Parvathipuram					

Association with Professional Bodies

Name (Professional Body)	IAENG	IEI		
Type of Membership	Life Member	Life Member		

Research

Ph. D Guidance				
Supervisor / Guide ship No. :	-	University :	NIU	No. of Scholars : 03
Publication*				
International Journals :	15	National Journals :	-	
International Conference :	5	National Conference :	3	
Project Grants (Research projects guided or undertaken/ Sponsored Projects)				
Received (Amount) :	-	Applied (Amount) :	20,00,000	
Patent				
Published :	4	Granted :		

Books

Published	:	1
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FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	12	Attended :	2	Attended :	10	Attended :	10	Attended :	-
Organized :	-	Organized :	-	Organized :	2	Organized :	2	Organized :	-

Online courses (NPTEL, MOOC etc.)

11

***List of Publications :**

1. Flower Queen, MP, Sasi Kumar, M & Babu Aurtherson, P, 'ANFIS Technique Applied to the Control of a Robot Manipulator with Disturbances', *Procedia engineering*, DOI: 10.1016/j.proeng.2012.06.240, ELSEVIER Publication, vol.38, pp. 1984-1993, (SCOPUS).
2. Flower Queen, MP, Sasi Kumar, M & Babu Aurtherson, P 2012, ', *European journal of Scientific research*, vol., no.2, pp. 263-272, 2012, (Annexure-II).
3. Flower Queen, MP, Sasi Kumar, M & Babu Aurtherson, P 2012, 'Inverse kinematics solution of 4 d.o.f industrial manipulator using neuro-fuzzy *journal of emerging technology and advanced engineering*, vol. 2, no. 8.
4. Flower Queen, MP, Sasi Kumar, M & Babu Aurtherson, P 2013, 'Repetitive learning controller for six degree of freedom robot manipulator ,*International review of automatic control theory and applications*',(I.R.E.A.C.O), Vol.6 N.3 May 2013, ISSN 1974-6059, pp. 286-294,(SCOPOUS).
5. S.G. Sindhuja,M.P.Flower Queen,"An Implementation of AES-128 Bit Encryption and Decryption Algorithm using Field Programmable Gate Array "International Journal on advanced research in computer science"Vol .2, pp .no 2, Mar-Apr 2011.
6. Flower Queen, MP, Aswathy Suresh, Tibbie Pon Symon VA, Arul Lisely J "Control and Sabillization of an inverted pendulum using GA based controller" *International Journal of Mechanical Engineering and Technology (IJMET)* Volume 8, Issue 8, August 2017, pp. 748–756.
7. Athira Lekshmi B A Flower Queen, M P, Arul Linsely J, Babu Aurtherson, P "Feature Extraction and Image Classification Using Particle Swarm Optimization by Evolving Rotation- invariant Image Descriptors" *International Conference on Emerging Trends and Innovations in Engineering and Technological Research (ICETIETR)* pp 1-8, 2018.
8. Padhmakumar P.K, Flower Queen, M ,Babu Aurtherson, P "Three Dimensional Space Vector Modulation for Three Phase Four Leg Inverters - a Review" *International Conference on Emerging Trends and Innovations in Engineering and Technological Research (ICETIETR)* pp 1-5, 2018.
9. Phareson Gini , M.P. Flower Queen , "An Efficient Epileptic Seizure Detection Using Entropy Features With Optimal Neural Network", *European Journal of Molecular & Clinical Medicine*, 2020, Volume 7, Issue 3, Pages 5622-5638
10. Phareson Gini , M.P. Flower Queen 'An optimized artificial neural network for epileptic seizure detection", *test engineering*.
11. Phareson Gini , M.P. Flower Queen "Epileptic Seizure Detection In EEG Using Improved Entropy" *International Journal of Biomedical Engineering and Technology*, Vol. 33, No4, 2020,pp 325-345.
12. Padhmakumar P. K, M. P. Flower Queen, P Babu Aurtherson,2020"Application of DPWM on 3D Space Vector Modulation with ghy coordinate system for Three Phase Inverters" *Power and Renewable Energy Conference (IPRECON)*, 2020 IEEE International, pp 1-6, 2020.
13. Dr. M.P. Flower Queen, Dr.S.Perumal Sankar, Dr. P. Babu Aurtherson, P.Jeyakumar, "Deep Learning Based Human Emotion Recognition From Speech Signal", *Biosc.Biotech.Res.Comm. Special Issue Vol 13 No (6) 2020 PP-119-124 (WOS)*
14. P.BabuAurtherson, R.Suthan, Dr.K.Hari Ram, M.P.Flower Queen, S.Perumal Sankar, "Dynamic Mechanical Analysis Of Acid Treated Surface Modified Natural Fillers Reinforced Epoxy Based Polymer Composite", *Biosc.Biotech.Res.Comm. Special Issue, Vol 13 No (6) 2020 PP 259-268 (WOS)*
15. Melekoodappattu, J.G., Subbian, P.S., Queen, M.P.F,"Detection and classification of breast cancer from digital mammograms using hybrid extreme learning machine classifier *International Journal of Imaging Systems and Technology*, 2020,pp1-12.
16. A. Phareson Gini, M.P. Flower Queen , Suresh Ponnar, "Neural Network Optimized Feature Enhanced Efficient Seizure Detection System, *Turkish Journal of Physiotherapy and Rehabilitation*; 32(3), 2020.
17. A. Phareson Gini, M.P. Flower Queen , "An Improved Optimization Algorithm for Epileptic Seizure Detection in EEG Signals Using Random Forest Classifier, *Webology*, 2021, 18(Special Issue), pp. 327–340
18. Bashir, A., Awawdeh, M., Faisal, T., Flower Queen, M.P, "Matlab-based Graphical User Interface for IoT Sensor Measurements Subject to Outlier", *Advances in Science and Engineering Technology International Conferences, ASET 2022*, 2022.
19. Palanikumar, S. Queen, M.P.F. Mathupriya, S. "Palmprint authentication using symbolic aggregate approximation features with improved enhancement techniques", *ARPN Journal of Engineering and Applied Sciencethis link is disabled*, 2023, 18(4), pp. 401–411
20. Flower Queen, MP, Sasi Kumar, M & Babu Aurtherson, P 2013, 'Different membership function applied for the trajectory tracking control of robot manipulator', *International Conference on Informatics, Computing and Networks*, vol. 5, pp. 1-5, 26&27 February.
21. Flower Queen, MP & Sasi Kumar, M 2010, 'Dynamic modeling and control of 2D.O.F industrial manipulator', *International Conference on Emerging trends in Engineering Technologies*, pp. 461-463,

25&26 March.

22. Flower Queen, MP & Sasi Kumar, M 2012, 'ANFS+PID control of single link manipulator', National conference on technological trends in electrical Engineering, pp. 84-86, September 21.
23. H. Lakshmi and M.P. Flower Queen, "Demand side management using a novel archimedes optimization algorithm in a smart grid environment" Journal of Intelligent & Fuzzy Systems ,DOI:10.3233/JIFS-222828 IOS Press