




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)	: 20-04-2022					
Area of Interest	: Control System, Fuzzy Logic Control , Robotics					
Mobile No	: 9486680636	Email ID	: mpflowerqueen@gmail.com			
Experience	: Teaching :	22	Industry :	-	Research :	10
Address (for Communication)	: Iswariya Garden, Parvathipuram, Nagercoil-629003					

Association with Professional Bodies

Name (ProfessionalBody)	IAENG	IEI
Type of Membership and No.:	Life Member 250000	Life Member M1716993

Research

Ph. D Guidance					
Supervisor / Guide ship No. :		University :	NICHE	No. of Scholars :	03
Publication*					
International Journals	: 21	National Journals	:	-	
International Conference	: 6	National Conference	:	3	
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount)	: -	Applied (Amount)	:	-	
Patent					
Published	: 5	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.)	13
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***List of Publications :**

27. Subramaniyan, J. Balaji, C. Flower Queen, M.P, “An Improved Internal Model Controller for Electric Vehicle Applications Using ISSBC Converter”, 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2024, 2024, pp. 197–203.
26. Jaganathan, S., Chandrasekar, B., Queen, M.P.F., “Investigation of non-isolated dual-input step-up DC–DC converter using sliding mode control for EV application”, Electrical Engineering., 2024.
25. Bashir, A.F.Flower Queen, M.P. Habib, I., “SCSO-MHEF: Sand Cat Swarm Optimization based MHEF for Nonlinear LTI-IoT Sensor Data Enhancement” International Journal of Electrical and Electronics, 2024, 12(1), pp. 92–98, IJEER 1910-14.
24. Bashir, A.F.Flower Queen, M.P. Habib, I., “An anomaly affected discrete LTI systems: a moving horizon approach for estimating position and temperature measurements” *Automatika* ,2024, 65(3), pp. 842–851.
23. H. Lakshmi and M.P. Flower Queen,” A Novel Approach of Demand Side Management in Smart Grid”, AIP Conference Proceedings., 2023, 2587(1), 050032
22. 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/JIFS222828 IOS Press.
21. Palanikumar, S., M.P. Flower Queen, Mathupriya, S., Tharageswari, K., “Palmprint Authentication Using Symbolic Aggregate Approximation Features With Improved Enhancement Techniques”, *ARPN Journal of Engineering and Applied Sciences.*, 2023, 18(4), pp. 401–411.
20. Palanikumar, S., Flower Queen, M.P., Resmi, H.B., Salinda Eveline Suniram, A., “Employee Churn Retention System Using Association Rule Mining Techniques, 2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023, 2023.
19. Bashir, A., Awawdeh, M., Faisal, T., Flower Queen, M.P., “Matlab-based Graphical User Interface for IoT Sensor Measurements Subject to Outlier”, 2022 *Advances in Science and Engineering Technology International Conferences, ASET 2022*, 2022.
18. Awawdeh, M., Ibrahim, T.F., Bashir, A., Flower Queen, M.P., “Study of positioning estimation with user position affected by outlier: a case study of moving-horizon estimation filter”, *Telkomnika (Telecommunication Computing Electronics and Control)* ., 2022, 20(2), pp. 426–436.
17. Melekoodappattu, J.G., Subbian, P.S., Flower Queen, M.P., “Detection and classification of breast cancer from digital mammograms using hybrid extreme learning machine classifier”, *International Journal of Imaging Systems and Technology*. 2021, 31(2), pp. 909–920.
16. Gini, A.P., Queen, M.P.F., “An Improved Optimization Algorithm for Epileptic Seizure Detection in EEG Signals Using Random Forest Classifier”, *Webology*, 2021, 18(Special Issue), pp. 327–340.
15. 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.
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*.
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* .
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.
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.
10. Phareson Gini , M.P. Flower Queen ‘An optimized artificial neural network for epileptic seizure detection”, test engineering.
 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.
 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.
 7. Athira Lekshmi B A Flower Queen, MP , 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.
 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.
 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.
 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.
 3. Flower Queen, MP, Sasi Kumar, M & Babu Aurtherson, P 2012, ‘Inverse kinematics solution of 4 d.o.f industrial manipulator using neuro-fuzzy network’, International journal of emerging technology and advanced engineering, vol. 2, no. 8.
 2. Flower Queen, MP, Sasi Kumar, M & Babu Aurtherson, P, “An effective torque minimization and precise position tracking control of robot manipulator using genetic algorithm”, 2012, European journal of Scientific research, vol., no.2, pp. 263-272, 2012.
 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.