


FACULTY PROFILE							
Name		Dr.M.Senthil kumar					
Qualification		M.E., Ph.D					
Department		Electrical and Electronics Engineering					
Designation		Assistant Professor					
Date of Joining		01.06.2011					
Mobile Number		9994577576					
E - Mail		msenthilkumar040682@gmail.com					
Experience in Years		Teaching	Industry				
		12.10					
Area of Specialization		Control System, Electrical Engineering, Soft Computing Techniques, Instrumentation					
Publications	National Conference	International Conference	International Journals	Books & Book Chapters			
	--	3	6	1			
Conference Paper Presented	Patents Filed	Patents Published	Copy Rights Registered	NPTEL Courses Completed			
12	--	1	1	-			
FDP, Conference, Workshop & Seminars	FDP / STTP	Conference / Symposium	Workshop	Seminar/Orientation Programme			
	Organized / Coordinated	Organized / Coordinated	Organized / Coordinated	Organized / Coordinated			
	-	-	1	--			
	Attended	Attended	Attended	Attended			
	21	-	--	--			
Research / Consultancy Projects	Grants	Projects	Consultancy	Funds Received			
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Membership in Professional Societies			Resource Person / Guest Lecture	Reviewer	Chair Person	Editor	
ISTE (LM)			1	1			
Project & Research Guidance		UG Level		PG Level		Ph.d Level	
		10		4		Completed	Guiding
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Institutional Contribution							
Indian Society for Technical Education ISTE Coordinator (2011-2023)			GATE and Higher Education Training Forum-Coordinator				
ISO Coordinator (2011-2013)			Entrepreneur Development Cell Committee-Coordinator				
NBA –Criterion 2 Coordinator & (2017 - Till Date)			Class incharge (2022- Till date)				
Internal examination Committee- Convener			Power Supply, Generator Maintenance and UPS Maintenance and Electrical Equipment Maintenance-Convener (2020-2022)				
NAAC – Criterion 1 Coordinator (2021 - Till Date)			Boys Hostel Committee - Coordinator				

PROFILE of Dr.M.SENTHIL KUMAR



Qualification

- B.E. (Electrical and Electronics Engineering)
- M.E. (Control and Instrumentation Engineering)
- Ph.D. (Electrical Engineering)

Experience

- 01.07.2006 to 23.07.2009: Lecturer - - Syed Ammal Engineering College, Ramanathapuram
- 24.07.2009 to 31.05.2011: Assistant Professor – Kalasalingam University, Krishnankoil, Srivilliputtur.
- 01.06.2011 to 30.6.2012: Sr. Lecturer - Syed Ammal Engineering College, Ramanathapuram
- 01.07.2012 to Till date: Assistant Professor - Syed Ammal Engineering College, Ramanathapuram

Papers Published

Published Articles

1. Senthil Kumar, M & Mahadevan, K, 2016, 'Paper Machine Industrial Analysis on Moisture Control Using BF-PSO Algorithm and Real time Implementation setup through Embedded Controller', Journal of Electrical Engineering & Technology, vol. 11, no. 2, pp. 490–498, ISSN: 1975-0102 (ANNEXURE-I). IF – 0.679.
2. Senthil Kumar, M & Mahadevan, K, 2016, 'A Novel methodology based on Particle Swarm Optimization and Genetic Algorithm in Paper Industry and Marine Application', Indian Journal of Geo-marine Sciences, vol. 45, no. 10, pp. 1357–1364, ISSN: 0379-5136. (ANNEXURE-I). IF-0.316.
3. Senthil Kumar, M & Mahadevan, K, 2016, 'A Novel methodology based on Bacterial Foraging Technique in Paper Industry and Marine Application', Indian

Journal of Geo-marine Sciences, vol. 45, no. 10, pp. 1372–1376, ISSN: 0379-5136. (ANNEXURE-I).IF-0.316.

4. Senthil Kumar, M & Mahadevan, K, 2014, ‘Fuzzy Logic based Performance investigation of Moisture Control in Paper Industry ’, Applied Mechanics and Materials, vol. 573, pp. 254-259, ISSN: 1660-9336, (ANNEXURE-II) IF – 0.1.
5. Senthil Kumar, M & Mahadevan, K, 2014, ‘Performance Comparision of moisture control in Paper Industry Using Soft Computing Techniques’, Applied Mechanics and Materials, vol. 573, pp. 322-327, ISSN: 1660-9336, (ANNEXURE-II) IF – 0.1.
6. Senthil Kumar, M & Mahadevan, K, 2015, ‘A Comprehensive Analysis in PID Tuning with Soft Computation in Paper Industry ’, ARPN Journal of Engineering and Applied Sciences, vol. 10, no. 6, pp. 2659-2662, ISSN: 1819-6608 . IF – 0.21.

Paper Published in International Conferences

1. Development of Aqua Battery Using Waterand Table Salt’, International conference on nano robotics and artificial intelligence for engineering applications (icrai2020) 2020-21.
2. Adaptive aggregation based a wireless network solution for Industrial automation’, International conference on nano robotics and artificial intelligence for engineering applications (icrai2020) 2020-21.
3. .Senthil Kumar, M & Mahadevan, K, 2013, ‘Dynamic Performance of Investigation of Genetic Algorithm based Moisture control in Paper Machine’,International Conference on Power and Energy Systems (ICPES’13), Madurai, Tamil Nadu, India, pp. 267-271 .

Book Publications

- **Senthil Kumar .M.**, “Certain Investigations of speed control of dc drive”, August 2019, LAP LAMBERT Academic Publishing, Germany (ISBN: 978-620-0-24685-1).

Areas of Interest

- *Control systems, instrumentation, soft computing techniques and embedded systems .*


Research Work:

Certain investigations on moisture control of paper industry using soft computing techniques


Research Guidance

Present PhD Scholar Details

HOME	PROFILE	SCHOLAR DETAIL	DEGREE AWARDED	CHANGE PASSWORD	LOGOUT
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Centre For Research
 ANNA UNIVERSITY, CHENNAI



NOTE :

SCHOLAR DETAILS								
S.NO	REGNO	NAME	DEGREE	FACULTY	REG YEAR	REG SESS	SUPERVISOR	STATUS
1	20143791116	Paul Jeyaraj M	Ph.D.	Elec	2020	JAN	Supervisor	Confirmation completed
2	21253797109	Monica Dhana Ranjini M	Ph.D.	Elec	2021	JUL	Supervisor	Confirmation completed
3	23143791124	Arundesai M	Ph.D.	Elec	2023	JAN	Supervisor	Course Work

Details of Copyrights submitted:

S.No.	Name of the Faculty Members	Title of Work	Date of Filing	Status	Dairy Number
1	Dr. S. Selvaperumal Dr. R. Nagarajan Dr. S. Muthulakshmi Dr. S. Aiswariya Dr. M. Senthilkumar	Electrical Machines – I Laboratory Manual	25.11.2020	Submitted	19110/2020-CO/L

Details of the Patents

S.No	Date	Name of the Faculty member	CBR.No/ Application No.	Patent Status with Date	Topic
1	11/12/2020	Dr. S. Selvaperumal Dr. R. Nagarajan Dr. S. Muthulakshmi Dr. S. Aiswariya Dr. M. Senthilkumar	202041053914	Published on 18/12/2020 51/2020, Page No. 62652	Performance characteristics of self- excited cage induction generator

List of Workshops/FDP/STTP/Seminars attended

SLNO	Name of the Programme	Academic year	Duration	Venue
1	Accelerating Industry 4.0 –A Post Covid paradigm, Season7	2019-20	25.05.20 to 29.05.20 , 5 days	Sky campus, ICT Academy (online)

2	Future Tech 2020, Season6	2019-20	18.05.20 to	Sky campus,
			20.05.20 , 3 days	ICT Academy (online)
3	THE FUTURE IS HERE NOW Season3	2019-20	27.04.20 to 01.05.20, 5 days	Sky campus, ICT Academy (online)
4	The future of education, Employment Entrepreneurship, Season4	2019-20	04.05.20 to 08.05.20, 5 days	Sky campus, ICT Academy (online)
5	The future of skills- Education Employment Entrepreneurship, Season5	2019-20	12.05.20 to 14.05.20, 3 days	Sky campus, ICT Academy (online)
6	Energy Auditing & Career Opportunities	2019-20	12.05.2020, 1 day	Sri Eshwar College of Engineering, Chennai (online)
7	Online webinar on IOT	2019-20	07.05.2020, 1 day	CRYSTAL CLEAR TECHNOLOGY AND INNOVATION, Coimbatore (online)
8	Research Ideas & Performance Analysis of Switched Reluctance Motor Using MagNet Software	2019-20	13.05.2020 and 14.05.2020, 2 days	Jerusalem College of Engineering, Chennai (online)
9	Webinar on Accessing Research Output & Its Enhancement	2019-20	02.05.2020, 1 day	JK Business School Gurugram (online)
10	Online course on Verbal Proficiency	2019-20	05.05.2020, 1 day	Sri Krishna Adithya College of Arts & Science, Coimbatore (online)
11	IEEE Xplore Digital Library	2019-20	02.06.2020, 1 day	Syed Ammal Engineering College, Ramanathapuram (online)
12	Research Issues and Challenges in Resonant Converter	2019-20	03.06.2020, 1 day	Syed Ammal Engineering College, Ramanathapuram (online)

13	One day webinar on "Enhancing Research Effectiveness using Scopus, Sciencedirect and Mendeley	2019-20	01.05.2020, 1 day	Faculty Development Centre, Kurukshetra University, Kurukshetra in association with ELSEVIER, (Under the Aegis of PMMMNMTT, MHRD, Govt. of India) (online)
14	Job opportunities in renewable energy technology	2019-20	14.05.20, 1 day	Syed Ammal Engineering College, Ramanathapuram
15	COVID-19 COMBATANT	2019-20	01.05.20, 1 day	Vinayaka missions research foundations
16	Webinar on Functional novel materials for electrochemical sensor and energy storage device	2019-20	15.05.20, 1 day	Thiagarajar college , Maduarai.
17	Webinar on Fine Tuning your research papers	2019-20	27.05.20, 1 day	Bharat mata college,kochi
18	FDP on Technological advancements in power system Control, Power controllers, Drives and E-Vehicles- TAPPAD 2020	2019-20	27.04.20 to 01.05.20, 6 days	Dr.N.G.PInstitue of technology ciombatore
19	Webinar on Machine learning algorithms, Applications and trends	2019-20	10.05.20, 1 day	Shri shankaral sundarabai shasun jain college for women
20	Faculty orientation programme on soft skills and understanding the psychology of current generation students	2019-20	09.12.2019 1 day	Syed ammal engineering College, Ramanathapuram
21	AICTE sponsored Two weeks FDP on Modelling, Simulation, Control and Stability Analysis of Power electronic Converters	2018-19	17.06.2019 to 29.07.2019 2 Weeks	Syed ammal engineering College, Ramanathapuram
22	FDP on EE 8301 – Electrical Machines – I	2018-19	20.05.2019 to 25.05.2019 5 days	K.L.N.College of Engineering, Pottapalayam
23	Capacity building workshop for professors on Personality Profession and Passion	2018-19	25.06.2019 1 day	Syed ammal engineering College, Ramanathapuram
24	National Level workshop on How to write good scientific project proposals	2018-19	04.08.2018 1 day	Syed ammal engineering College, Ramanathapuram
25	FDP on EI 6703- Fibre Optics and Laser Instrumentation	2017-18	11.06.2017 to 17.06.2017 5 days	University College of Engineering, Ramanathapuram

Co-curricular and Professional Development Related Activities

- Coordinator-NBA committee 2,3 &5 Criteria
- Coordinator- NAAC committee 1

Membership in Professional bodies

- Life member – **ISTE**

Contact Address

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Ramanathapuram Cell No: +91-9994577576,
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E-mail: msenthilkumar040682@gmail.com