DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

GOVERNMENT COLLEGE OF ENGINEERING, DHARMAPURI

FACULTY PROFILE

1.	**Name of the faculty**	**:**	**A.RUBYMEENA**
2.	**Designation & Department**	**:**	**Professor (CAS) / Electrical & Electronics Engineering**
3.	**College with address**	**:**	**Government College of Engineering, Dharmapuri**
4.	**Gender**	**:**	**Female**
5.	**Date of birth & Age**	**:**	**10.06.1977 & 46 years**
6.	**Mail. Id/ Contact number**	**:**	**rubymeena77@gmail.com/ 9486872678**

7. EDUCATIONAL QUALIFICATIONS:

Name of the Degree	Specialization/ Branch	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
Ph.D	Faculty of Electrical Engineering	April 2016	Govt. College of Engg., Salem-11	Anna University, Chennai.	-	-
M.E.	Applied Electronics	April 2005	Govt. College of Engg., Salem-11	Anna University, Chennai.	70.75%	First Class
B.E.	Electrical & Electronics Engg.	Apr.1998	Ciombatore Institute of Technology	Bharathiyar University	74.16 %	First Class

8. PREVIOUS EXPERIENCE AS ON JANUARY 2018:

Name of the College / Industrial	Designation	Date of Joining	Date of Relieving	Experience
				Years
Government College of Engineering, Salem-11.	Assistant Professor	9.8.2001	04.07.2012	11
Government College of Engineering, Bargur	Assistant Professor	5.7.2012	17.07.2013	1
Government College of Engineering, Salem-11.	Assistant Professor	18.07.2013	24.4.2023	10
Total Experience				22

9. LIST OF FDP / WORKSHOP ATTENDED:

S.NO	Title of Training	Duration(Days) With date	Name of Organizer	Venue
1	AICTE sponsored FDP on 'SoC and Advanced Digital design using VHDL'.	13.05.2013 to 26.05.2013 (15 days)	ECE Dept.,Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
2	Modern Simulation Techniques For Research in Engineering Science	22-07-2013 to 28-07-2013 (7 days)	EEE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
3	Advanced Digital Controller for Modern Special Machine Drives: Industrial Perspective	23-10-2013 to 29-10-2013 (7 days)	EEE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
4	Power Electronics Application to Distributed Generation	30-10-2013 to 06-11-2013 (7 days)	EEE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
5	An Introduction to outcome based Education	06.05.2015 (01 day)	Govt. College of Engineering,	Govt. College of Engineering,

			Salem-11	Salem-11
6	Advanced Technology in Solar PV system- Industrial Perspective	27.10.2015 to 02.11.2015 (07 days)	EEE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
7	Internet of Things and its Applications	03.12.2015 to 09.12.2015 (07 days)	CSE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
8	Hands On Training on Big Data Analytics	10.12.2015 to 16.12.2015 (07 days)	CSE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
9	Advanced techniques in digital signal & image processing using Matlab	07.06.2016 to 20.06.2016 (14 days)	ECE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
10	89C51 based embedded system applications- Industrial perspective	26.07.2016 to 01.08.2016 (07 days)	EEE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
11	Integration of Renewable Energy, Energy storage and system operation	14-12-2016 to 20-12-2016 (07 days)	EEE Dept., Govt. College of Engineering, Salem-11	Govt. College of Engineering, Salem-11
12	Industrial drives automation and Intelligent control	01.03.2017 to 07.03.2017 (7 days)	EEE Department, GCE Salem-11	Govt. College of Engineering, Salem-11
13	Training program for RRC program officer	24.03.2018	TANSACS chennai	Anna University Coimbatore

14	Design, Develop and Deliver online courses through MOODLE platform	23.04.2020 & 24.04.2020	Coimbatore Institute of Technology, Coimbatore - 14	Online through Gmeet
15	Holistic life style management	15.06.2020 to 19.06.2020 5 days	Dept. of IT, Government College of Technology, Coimbatore	Government College of Technology, Coimbatore
16	Recent Trends in Power Electronics, Power System and Renewable Energy System-II (RTPEPSRES-II-2020)	03.08.2020 to 07.08.2020,	Department of Electrical Engineering, National Institute of Technology, Raipur.	Online through Gmeet

10. LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

1. **Rubymeena, A** & Senthil Kumar, S 2014, 'Load frequency stabilization of four area hydrothermal system using Superconducting Magnetic Energy Storage System', International Journal of Engineering and Technology, vol. 6, no. 3, pp.1564-1572, ISSN : 0975-4024.
2. **Rubymeena, A** & Senthil Kumar, S 2014, 'Design and Analysis of Fuzzy PID Controller for Multi Area Reheat Thermal Power System', Middle East Journal of Scientific Research, vol.22, no.1, pp. 51-56, ISSN 1990-9233, DOI: 10.5829/idosi.mejsr.2014.22.01.21822.
3. **Rubymeena, A** & Senthil Kumar, S 2015, 'Automatic Generation Control of Thermal-Hydro Hybrid Power System Using Genetic Algorithm And Fuzzy Logic', International Journal of Applied Engineering Research, vol. 10, No. 3, pp. 7959-7972, ISSN 0973-4562.
4. **Rubymeena, A** & Senthil Kumar, S, 'Genetically tuned fuzzy PID controller in two-area reheat thermal power system', Russian Electrical Engineering, Volume 87, Issue 10, pp 579–587,2016, ISSN 1068-3712, **DOI:** 10.3103/S1068371216100047.

5. **Rubymeena A** "A study of automatic generation control of single and multi area power system using PI and Fuzzy Logic Controller", JASC: Journal of applied science and computations, Vol. 5, No. 6, Pg. No. 15-22, June 2018, ISSN:0076-5131.
6. Pooja, **Dr. A. Rubymeena** "Bidirectional DC-DC Converter for Solar Battery Backup Applications" Journal for Modern Trends in Science and Technology, Vol. 6, No. 2, Pg. No. 47-52, Feb. 2020, ISSN: 2455-3778.

7. Bharani, **Dr. A Rubymeena** "Design of Triple Switch Double Inductor Based High Voltage Gain DC-DC Boost Converter", Journal for Modern Trends in Science and Technology, Vol. 6, No. 2, Pg. No. 90-93, Feb. 2020, ISSN: 2455-3778.
8. S. Nandhakumar, and A.**Rubymeena**, "A T-source soft switched high step up DC-DC converter for photovoltaic system", International Journal for Science and Advance Research In Technology, Vol. 7, No. 2, February 2021.
9. P.Rangeela, and **A.Rubymeena**, "A quadratic boost converter with voltage multiplier cell to increase voltage gain", International Journal for Modern Trends in Science and Technology, Vol. 7, No. 3, 2021.

NATIONAL JOURNALS

1. **Ruby meena, A** & Senthil Kumar, S 2015, 'Design of GA Tuned Two-Degree Freedom of PID Controller for an Interconnected Three Area Automatic Generation Control System', Indian Journal of Science and Technology, Volume 8, Issue 12, pp 579–587, ISSN (Print) : 0974-6846.

CONFERENCE PUBLICATIONS

1. **Ruby meena, A** & Senthil Kumar, S 2014, 'Modeling and Analysis of Three Area Thermal Power System Using Conventional Controllers', Proceedings of International Conference on Advancements in Electrical and Electronics Engineering (ICAEEE 2014) organized by Government College of Engineering, Salem, pp. C93-C96.

2. S.subhashni and **A Rubymeena,** "High gain resonant converter fed transformer less inverter for grid tied PV system", Emerging Technologies in Electrical Systems (ETES -2017), 27.03.2017 & 28.03.2017 EEE Department, Government College of Engineering, Salem.
3. P.Ashok and **A. Rubymeena**, "Stand alone PV system employing three port interleaved boost converter topology ", Emerging Technologies in Electrical Systems (ETES -2017), 27.03.2017 & 28.03.2017 EEE Department, Government College of Engineering, Salem.
4. M.Mathupriya and **A. Rubymeena**, "A single phase grid connected Inverter 2018), 05.04.2018 & 06.04.2018, EEE Department, Government College of Engineering, Salem.
5. G. Ramya and **A. Rubymeena**, "Series Resonant DC-DC converters with high voltage gain for PV applications", Emerging Technologies in Electrical Systems (ETES -2018), 05.04.2018 & 06.04.2018, EEE Department, Government College of Engineering, Salem.
6. S. Priyadharshni and **A. Rubymeena**, "Single stage high efficiency LLC Resonant converter", Recent trends in Electrical Systems (RTES19), 01.03.2019, EEE Department, Sona College of Technology, Salem.
7. S.Priyadharshni and **A Rubymeena**, "LLC Resonant converter for adaptive link voltage variation", Emerging Technologies in Electrical Systems (ETES -2019), 04.04.2019, EEE Department, Government College of Engineering, Salem.

11. MEMBERSHIP IN PROFESSIONAL BODIES

Sl.No.	Name of the Society	Nature of membership	Membership Number	Membership dated

1.	The Indian Society for technical Education Delhi	Life member	LM56007	2008

DECLARATION

I hereby declare that the particulars furnished above by me are true to the best of my knowledge.

Place: Dharmapuri **Signature**

Date: