


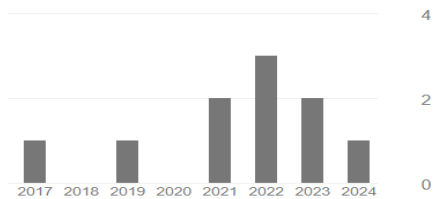
FACULTY PROFILE							
Name		Arun Prasath T					
Qualification		M.E., (Ph.D)					
Department		Electrical and Electronics Engineering					
Designation		Assistant Professor					
Date of Joining		01.12.2017					
Mobile Number		8124391621					
E - Mail		arunprasath@syedengg.ac.in					
Experience in Years		Teaching	Industry				
		8.3	0.6				
Area of Specialization		Electrical Machines, Renewable Energy System, Embedded System					
Publications	National Conference		International Conference	International Journals	Books & Book Chapters		
	02		09	05	--		
Conference Paper Presented	Patents Filed		Patents Published	Copy Rights Registered	NPTEL Courses Completed		
11	--		1	1	--		
FDP, Conference, Workshop & Seminars	FDP / STTP		Conference / Symposium	Workshop	Seminar/Orientation Programme/Webinar		
	Organized / Coordinated		Organized / Coordinated	Organized / Coordinated	Organized / Coordinated		
	1		--	1	6		
	Attended		Attended	Attended	Attended		
	14		4	2	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	
Life Member- IAENG			03	1	-	-	
Project & Research Guidance		UG Level		PG Level		Ph.d Level	
		05		03		Completed	Guiding
						--	--
Institutional Contribution							
Training & Placement Officer (2022- till date)			SAEC Alumni Association – Treasurer (2022 – till date)				
NBA – Criterion 03 Department Coordinator			NAAC – Criterion 01 Coordinator				
College Website Maintenance Committee Department Coordinator			IQAC Committee Member				

PROFILE of ARUN PRASATH T



Cited by

	All	Since 2019
Citations	10	9
h-index	2	2
i10-index	0	0



Qualification

- B.E - Electrical and Electronics Engineering
- M.E - Electrical Drives and Embedded Control
- Ph.D- Electrical Engineering (Pursuing)

Working Experience

- 04.01.2016 to 21.11.2017: Lecturer – Mohamed Sathak Polytechnic College.,Kilakarai
- 01-12-2017 to Till date: Assistant Professor - Syed Ammal Engg College, Ramanathapuram

Other Responsibility

1. Training and Placement Officer from 19.01.2022
- 2.NAAC Criterion : 01 Coordinator
- 3.NBA Criterion : 02,03 & 05 Coordinator

Papers Published

Published Articles

1. **T.Arun Prasath.,R.Dhanasekaran** “GENERATION OF SOLAR POWER USING QUADRATIC BOOST CONVERTER WITH COUPLED INDUCTOR” International Journal for Electrical and Electronics Engineering for Advanced Research , IJEEEAR Vol. 2, SP-1, Feb. 2014, ISSN: 2347-9302 (Online).
2. G.V.Jayavishrutha P.Jothi Priya **T.Arun Prasath** “ SPEED CONTROL OF PMDC MOTOR WITH THE COMBINATION OF ERROR AMPLIFIER AND PID CONTROLLER” International Journal for Electrical and Electronics Engineering for Advanced Research , IJEEEAR Vol. 2, SP-1, Feb. 2014, ISSN: 2347-9302 (Online).
3. **T.Arun Prasath.,R.Dhanasekaran.**” PERFORMANCE COMPARISON OF SOLAR POWER USING QUADRATIC BOOST CONVERTER WITH COUPLED

4. **T.Arun Prasath**.,G.Radha Krishnan “A QUADRATIC BOOST CONVERTOR WITH COUPLED INDUCTANCE PRIMARILY BASED ALTERNATIVE ENERGY GENERATION FOR SENSIBLE GRID SYSTEM” International Journal of Scientific Research in Computer Science Applications and Management Studies,IJSRCSAMS, Sep.2014, Vol 3, Issue 5 ISSN: 2319-1953.
5. **T.Arun Prasath**.,G.Radha Krishnan, Dr.R.Dhanasekaran “DESIGN AND ANALYSIS OF SEPIC-CHMLI BASED MICRO INVERTER FOR HIGH STEP-UP VOLTAGE CONVERSION” International Journal of Applied Engineering Research,July 2015 Issue 3 Print : ISSN 0973-4562, Online : ISSN 1087-1090

Copyright Details

ROC Number	Title of Work	Diary No	Applicant Name	Author Name
L-94406/2020	Simulation of Power Electronics Circuits Using PSPICE	8292/2020-CO/L	Dr.S.Selvaperumal	Dr.R.Nagarajan, Prof.P.Nedumal Pugazhenth, Prof.P.Gnanaskanda Parthiban, Prof.T.Arun Prasath , Dr.S.Selvaperumal

Patents Granted

S.No	Date	CBR.No/ Application No.	Title
1	15.02.2021	202141006236	An intelligent jewel display system using laser pen integrated with display unit

Paper Presented in International and National Conferences

- 1.**T.Arun Prasath**.,R.Dhanasekaran “GENERATION OF SOLAR POWER USINGQUADRATIC BOOST CONVERTER WITHCOUPLED INDUCTOR” International Conference on Advanced Communication Control And Computing Technologies, at SAEC Ramanathapuram JAN 30-FEB1 2014.
2. G.V.Jayavishrutha P.Jothi Priya **T.Arun Prasath** “ SPEED CONTROL OF PMDC MOTOR WITH THE COMBINATION OF ERROR AMPLIFIER AND PID CONTROLLER” International Conference on Advanced Communication Control And Computing Technologies, at SAEC Ramanathapuram JAN 30-FEB1 2014.

3. **T.Arun Prasath**,G.Radha Krishnan “PERFORMANCE COMPARISON OF SOLAR POWER USING QUADRATIC BOOST CONVERTER WITH COUPLED INDUCTOR” International Conference on Advanced Communication Control And Computing Technologies, at SAEC Ramanathapuram MAY 8 – MAY 10 2014.
4. **T.Arun Prasath**,G.Radha Krishnan, Dr.R.Dhanasekaran “DESIGN AND ANALYSIS OF SEPIC-CHMLI BASED MICRO INVERTER FOR HIGH STEP-UP VOLTAGE CONVERSION” International Conference on Advances in Applied Engineering and Technology , SAEC Ramanathapuram MAY 14 – MAY 16,2015
5. **T.Arun Prasath**, M.Benazir Praveen “ BALL AND BEAM CONTROL SYSTEM USING PID CONTROLLER” 6th International Conference on Emerging Trends in Engineering and Technology ICETET’19 at PSYEC Sivagangai March 15 & 16 2019.
- 6.**T.Arun Prasath**, M.Paul Jeyaraj, T.Nirmala Devi “MEDICAL IMAGE AUTHENTICATION USING RSA ALGORITHM WITH SVD TECHNIQUES” 12th National Conference on Power Electronics and Drives NCPED’19 at ACGCET , Karaikudi March 27 2019.
7. **T.Arun Prasath**, M.Benazir Praveen “ BALL AND BEAM CONTROL SYSTEM USING PID CONTROLLER” 6thInternational Conference on Emerging Trends in Engineering and Technology ICETET’19 at PSYEC Sivagangai March 15 & 16 2019.
- 8.**T.Arun Prasath**, M.Paul Jeyaraj, T.Nirmala Devi “MEDICAL IMAGE AUTHENTICATION USING RSA ALGORITHM WITH SVD TECHNIQUES” 12th National Conference on Power Electronics and Drives NCPED’19 at ACGCET , Karaikudi March 27 2019.
9. Dr. S. Selvaperumal, **T.Arun Prasath**, M.Paul Jeyaraj “Design and implementation of smart agriculture system using Solar power” INTERNATIONAL CONFERENCE ON NANO ROBOTICS AND ARTIFICIAL INTELLIGENCE FOR ENGINEERING APPLICATIONS (ICRAI2020) at Syed Ammal Engineering College ,Ramanathapuram on 11 and 12 Spetember,2020.
10. **T.Arun Prasath**, P. Nedumal Pugazhenthithi “Identification and classification of leaf diseases using Inspired bio algorithm” INTERNATIONAL CONFERENCE ON NANO ROBOTICS AND ARTIFICIAL INTELLIGENCE FOR ENGINEERING APPLICATIONS (ICRAI2020) at Syed Ammal Engineering College ,Ramanathapuram on 11 and 12 Spetember,2020.
11. **T.Arun Prasath** ,Dr. S. Selvaperumal “Smart parking system with real time scheduling using Intelligent controller” INTERNATIONAL CONFERENCE ON NANO ROBOTICS AND ARTIFICIAL INTELLIGENCE FOR ENGINEERING APPLICATIONS (ICRAI2020) at Syed Ammal Engineering College ,Ramanathapuram on 11 and 12 Spetember,2020.

Details of Training undergone

1. Successfully completed the training for: Techniques for effective Research with IEEE Xplore on August 2019.

Faculty Development/ training activities /STTPs/ Workshops attended

SLNO	Name of the Programme	Academic year	Duration	Venue
1	IMPLEMENTATION OF POWER ELECTRONIC CONVERTER & CONTROL TOPOLOGIES IN ELECTRIC VEHICLE APPLICATIONS: CHALLENGES AND OPPORTUNITIES	2023-2024	11/12/2023 to 16/12/2023 (1 Week)	SRI KRISHNA COLLEGE OF TECHNOLOGY , Coimbatore
2	Renewable Energy Based Electric Vehicle Technologies	2023-2024	18/12/2023 to 23/12/2023 (1 Week)	FATIMA MICHAEL COLLEGE OF ENGINEERING & TECHNOLOGY

SLNO	Name of the Programme	Academic year	Duration	Venue
1	AICTE Sponsored Six Days Short Term Training Programme on “Potential Benefits of RFID in Industrial, Medical and Domestic Sectors” (phase- I)	2020-21	23.11.2020 - 28.11.2020 (1 week)	Syed Ammal Engineering College, Ramanathapuram (online)
2	AICTE Sponsored Six Days Short Term Training Programme on “Soft Computing Techniques in Engineering Applications” (phase- I)	2020-21	20.7.2020 – 25.07.2020 (1 Week)	Syed Ammal Engineering College, Ramanathapuram (online)
3	Online training on IEEE Xplore Digital Library	2019-20	2.06.2020, 1 day	Syed Ammal Engineering College, Ramanathapuram (online)
4	Webinar on Research Issues and challenges in resonant converter	2019-20	03.06.202, 1 day	Syed Ammal Engineering College, Ramanathapuram (online)
5	Faculty Development Training Programme on “Technological Advancement in Power System Control, Power Controllers, Drives & E-Vehicles - TAPPAD 2020	2019-20	27.04.2020 to 01.5.2020, 5 days	Dr.NGP Institute of Technology , Coimbatore

6	Webinar on “POWER SYSTEM AND COMPONENTS”	2019-20	26th May 2020. 1 day	K K WAGH INSTITUTE OF ENGINEERING EDUCATION & RESEARCH , NASHIK, MH, INDIA
7	Webinar on” How to Use Turnitin Software for your Research “	2019-20	May 04, 2020,1 Day	GURU NANAK INSTITUTE OF MANAGEMENT STUDIES (Approved by AICTE, New Delhi & Affiliated to University of Mumbai)
8	Webinar on Effectively Conduct online Class	2019-20	May 08, 2020,1 Day	Sri Eshwar College of Engineering,Coimbatore
9	Webinar on EMPLOYABILITY SKILLS IN CURRICULUM DESIGN	2019-20	APRIL 26, 2020, 1 day	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY
10	FDP on Research Opportunities in Electrical Engineering	2019-20	May 7-16, 2020. 2 Weeks	GOVERNMENT COLLEGE OF ENGINEERING, KARAD
11	FDP on Renewable Energy Systems	2019-20	June 01-05,2020 ,5 Days	RVS College of Engineering and Technology , Coimbatore
12	Principles of Management FDP	2019-20	18.05.2020 to 22.05.2020, 5 Days	Panimalar Institute of Technology, Chennai
13	FDP “Patent to All”	2019-20	17.05.2020, 1 Day	Research Brain Academy
14	Webinar on Challenges in Micro-grid Protection	2019-20	6th and 7th May,2020., 2 Days	KoneruLakshmaiah Education Foundation, Vaddeswaram, Guntur,
15	A Course on Arduino	2019-20	01.05.2020, 1 Day	Sri Ramakrishna College of Arts and Science, Coimbatore
16	Webinar on Trends and Opportunities in Life Science Sector	2019-20	03.05.2020, 1 Day	Cauvery College for women ,Trichy
17	Online FDP in FRENCH	2019-20	12.05.2020, 1 Day	Providence College for Women
18	OFDP on e-Sim	2019-20	14.05.2020 to 16.05.2020, 3 Days	VIT, Chennai
19	IoT Course	2019-20	02.06.2020,	edapt

			1 Day	
20	Nano Diploma in Environmental Science	2019-20	01.06.2020, 1 Day	edapt
21	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
22	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
23	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
24	Capacity building workshop for professors on Personality Profession and Passion	2018-19	25.06.2019 (1 day)	Syed ammal engineering College, Ramanathapuram
25	National Level workshop on How to write good scientific project proposals	2018-19	04.08.2018 (1 day)	Syed ammal engineering College, Ramanathapuram
26	One Day Capacity Building workshop for Professors on personality , profession & Passion		25.06.2019	Syed ammal engineering College, Ramanathapuram
27	AICTE Sponsored Two Weeks Faculty Development Program on Modelling Simulation, Control and Stability analysis of Power Electronic Converters		17 th – 29 th June 2019	Syed ammal engineering College, Ramanathapuram
28	Centre for Faculty Development , Anna University Sponsored One Week Faculty Development Program on EE8301 Electrical Machines I		20.05.2019 – 25.05.2019	Department of EEE , KLN College of Engineering Pottapalayam.
29	One Day National Level Workshop on How to Write Good Project Proposals	4 th August 2018		Syed Ammal Engineering College in associated with IEEE Product Safety Engineering Society.

Details of Seminars /workshops organized

1. AICTE Sponsored Six Days Online STTP on Digital Controllers for Power Electronics Application Phase I On 13.07.2020 to 18.07.2020
2. AICTE Sponsored Six Days Online STTP on Digital Controllers for Power Electronics Application Phase II On 03.08.2020 to 08.08.2020
3. AICTE Sponsored Six Days Online STTP on Digital Controllers for Power Electronics Application Phase III On 07.09.2020 to 02.09.2020
4. Webinar on Job Opportunities in Renewable Energy Technology on 14.05.2020
5. Webinar on Confidence Building and Interpersonal Skills Required for Building Engineers on 19.05.2020
6. Webinar on Research issues and challenges in Resonant Converter on 02.06.2020
7. Webinar on Rituals for an Enlightened Living on 18.06.2020
8. One Week Webinar on Soft Computing Techniques and its Applications in Electrical Engineering from 29.06.2020 to 03.07.2020
9. Webinar on Electrical Distribution Systems in Buildings on 12.08.2020
10. Workshop on Arduino Hands on Training on 02.03.2019 to 03.03.2019

Areas of Interest

- Electrical Machines, Renewable Energy System, Embedded System

Research Work

ENERGY CONSUMPTION OF POWER SYSTEM TOWARDS SMART AGRICULTURE

Google Scholar Link: <https://scholar.google.co.in/citations?user=1QFwm4AAAAJ&hl=en>

Membership in Professional bodies

- Life member- **IAENG**

Contact Address

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Cell No: +91-81243 91621
Office No: 04567-222234
E-mail: gtarunprasath@gmail.com
arunprasath@syedengg.ac.in