




DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name: S.SURENDERANATH	Photo: 
Designation	ASSISTANT PROFESSOR
Qualification	M.E.,
Area of Specialization	APPLIED ELECTRONICS
Experience	UG : 11 YEARS PG: -
	Industrial Experience : NIL
No. of workshop / Conferences / FDP attended	Workshops & FDP : 20 International Conference : 1 National Conference : 4
No. of workshop / Conferences / FDP organized	Workshops: 1 FDP:- International Conferences: - National Conferences :
No. of Funded Projects	1
No. of Research Guidance	-

Membership in Professional Bodies	ISTE, IAENG, IEI
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PROFESSIONAL EXPERIENCE:

S.No	Organization	Post Held	Number of Years	From	To
1.	DHANALAKSH MI SRINIVASAN ENGINEERING COLLEGE	LECTURER	25.06.2009	17.05.2010	11 Months
2.	MAM COLLEGE OF ENGINEERING	ASSISTANT PROFESSOR	03.06.2010	19.05.2011	1 Year
3.	VALLIAMMAI ENGINEERING COLLEGE	ASSISTANT PROFESSOR	03.06.2011	29.05.2013	2 Years
4.	SRI SAI RAM INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR	10.06.2013	Till Date	

FACULTY ACHIEVEMENTS:

- Two NPTEL Courses have been completed with Elite
- Obtained 100% result in Linear Integrated Circuits
- Obtained 100% result in Microprocessor and Microcontroller
- Obtained 100% result in Basic Electrical & Electronics Engineering
- Obtained 100% result in Micro Controller based System Design
- Obtained 100% result in Professional Ethics
- Obtained 100% result in Protection and Switchgear

Publications	Journals	<p>1. P. Rathnavel, S. Surenderanath, S. Saravanan, "An Interleaved High-Power Flyback Inverter for Standalone Application Using MPPT Algorithm", Journal of Advance Research in Dynamical & Control Systems, 11-Special Issue, November 2017, pp 628 – 637.</p>
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		<p>2. Surenderanath S, Rathnavel P, Prakash G, " Simultaneous DC and three phase output using hybrid converter",Journal of Physics: Conference Series , Vol.1000 pp.1-7 (SJR Rating: 0.24, SCOPUS-H Index-59),2018</p> <p>3. Rayavel P, Surenderanath S, Rathnavel P, Prakash G," Emergency automatic signalling system using time scheduling",Journal of Physics: Conference Series , Vol.1000 pp.1-7 (SJR Rating: 0.24, SCOPUS-H Index-59),2018</p>
	Books / Book Chapters / Monographs	Nil

	<p>Conferences</p>	<ol style="list-style-type: none"> 1. Presented a Paper Titled " Simultaneous DC and three phase AC output using hybrid converter" International Conference on Computing and Information Technology in Sri Sai Ram Institute of Technology on 13th& 14th August 2015. 2. Presented a Paper Titled " Cascaded Invertor Based Multilevel STATCOM" in the National conference on Innovative Strategies in Green & Soft Computing for Renewable Energies ISGSCRE'17 Sona college of technology, on 31st March 2017. 3. Presented a Paper Titled" An Interleaved High Power Flyback Inverter for Standalone Application Using MMPT Algorith" international Conference on Innovation and Research in Marine Electrical and Electronics Engineering ICIRMEEE 2017 in AMET University, Chennai on 6th October 2017.
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		<ol style="list-style-type: none"> 4. Presented a Paper Titled "Automatic Detection of Potholes In Roads" National conference on Recent Advances In On-Board Ship Automation (RAOBSA-2019) in AMET University on 26th and 27th September
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		2019.
Events organized		<ol style="list-style-type: none"> 1. Organized one day National level technical symposium (WARROS'16) on 17th August, 2016. 2. Organized one day National Conference on " Innovative Solutions in Electrical Engineering Science" ISEES' 16 on 4th April 2016. 3. Organized five days workshop on "Renewable Energy" on 19.02.18 to 23.02.18
Events attended		<ol style="list-style-type: none"> 1. Attended One Day Workshop on "Recent Trends In Renewable Enrgy" in Sri Sai Ram Institute of Technology 31st March 2015 2. Attended National Level Seminar on "Research Challenges In Micro Grid" In VIT, Chennai 9th May 2015. 3. Attended National Level Seminar on " Engegy Storage Techniques for Renewable Energy System" in Sona College of Technology, Salam, on 16th September 2015. 4. Attended Three Days Workshop on "TRAINING ON SOLAR PV SYSTEM DESIGN" in HINDUSTAN UNIVERSITY on 22nd to 24th June 2015 5. Attended National Workshop on "Effective Writing Of Engineering

	Journal Paper And Thesis" in SRM University on 16th & 17th
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March 2017

6. Attended Two Days **Workshop** on "Integrated Electrical & Electronics Circuits Training using LabVIEW" in VIT UNIVERSITY on 28th & 29th April 2017
7. Attended One Days **Training** on "Disaster Management" conducted by YRC in Sri Sai Ram Institute of Technology on 14th July 2017.
8. Attended Audit Training on " Internal Auditor ISO 9001:2015 " in Sri Sai Ram Institute of Technology On 23rd April 2018.
9. Attended one day workshop on "Short Circuit and Arcflash Safety and Reliability for Ship Power System" in AMET UNIVERSITY on 01st November 2019.
10. Attended three days online workshop on " Design of Experiments: An Engineering Perspective" organized by Journal of advanced engineering research & Powered by hexacube India, on 25th , 26th and 27th April 2020.
11. Seven Days **FDTP** on "Power System Analysis" in Valliammai Engineering College on 9th To 16th Dec 2013.
12. One Week **FDP** on "Challenges And Opportunities In Indian Power Scenario"

	<p>in GCE, Bargur, on 26th May to 1st June 2014.</p> <p>13. Two Days FDP on "Electromagnetic Field Theory & Transmission Lines" in Sri Sai Ram Institute of Technology, on 25th & 26th June</p>
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	<p>2015.</p> <p>14. Seven Days FDTP on "HIGH VOLTAGE ENGINEERING" in St. Joseph's Institute of Technology, on 1st June to 8th June 2016.</p> <p>15. Seven Days FDTP on " PROTECTION AND SWITCHGEAR" in G.K.M College of Engineering and Technology, on 22nd to 29th May 2017.</p> <p>16. Two days FDP on "RECENT TRENDS ON RENEWABLE ENERGY & POWER ELECTRONICS USING MATLAB" in association with PantechProEd Pvt .Ltd at AMET University, on 15th & 16th September 2017.</p> <p>17. Two weeks FDTP on, "EE8402-Transmission and Distribution" in Sri Sai Ram Engineering College, on 3rd to 15th December 2018.</p> <p>18. Two days FDP on "MATLAB & SIMULINK APPLICATIONS" at</p>
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	HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE , on 4 th & 5 th July
Awards Received	-
Details on Funded Projects	Automatic Wet Grinder
Details on Thesis	-
Details on Research Guidance	-