

BIO-DATA



1.	Name		Divya Sajeesh			
2.	Designation		Asst.Professor			
3.	Residential Address		A/5, Meenakshi CHS, Sector 16, Plot 38, New Panvel			
4.	Date of birth		28/02/1982			
5.	Total Experience					
	i.	Teaching	13 Yrs			
	ii.	Industrial	NA			
6.	Qualifications					
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI	
	B.Tech	2005	Mahatma Gandhi	Electrical & Electronics	73%	
	ME	2014	Mumbai	Power Electronics & Drives	8.5 CGPI	
	Additional Qualification: NA					
7.	Employment Record					
	Institution		Year (From To)	Designation		
	Fr.C.Rodrigues Institute of Technology		Aug 2009 till date	Asst.Professor		
	V.P.M's Polytechnic, Thane		July 2007 to July2009	Lecturer		
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught					
	Subjects Taught at UG level					
	Sr.No.	Name of Subject		Semester		
	1	Electrical Networks		III		
	2	Conventional and Non conventional Power Generation		III		
	3	Electronic Devices and Circuits		III		
	4	Electrical Power System		IV		
	5	Analog and Digital Integrated circuits		IV		
	6	Power Electronics		V		
	7	Power System Analysis		VI		
	8	Signals and Systems		VI		
	Subjects Taught at PG level					
	Sr.No.	Name of Subject		Semester		
		HVDC		I		
9.	Research Experience					
	Research Grants:					
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
		IEI	PG Grant	80000	2012	Hardware Implementation of PWM Rectifier
11.	Professional Societies Fellowship / Membership					

	<table border="1"> <tr> <td>ISTE(2016)</td> <td>LM112288</td> </tr> <tr> <td>IEI</td> <td>AM150778-0</td> </tr> </table>	ISTE(2016)	LM112288	IEI	AM150778-0
ISTE(2016)	LM112288				
IEI	AM150778-0				
12.	<p>Awards</p> <ul style="list-style-type: none"> • Best Paper Award for the paper titled “Hardware Implementation of Single Phase PWM Rectifier” in International conference on Advancement in Science, Technology and Management (ICASTM 2021), Mumbai, 23rd -24th Dec 2021 • Best Paper Award for the paper titled “Modulation Techniques in Single Phase PWM Rectifier” in International Conference on Advances in science and Technology, Mumbai, 8-9 Dec 2015 <p>Students Activities</p> <ul style="list-style-type: none"> • Worked as staff advisor of IEI student chapter of Electrical dept. since 2014 and organized various technical and nontechnical activities under the chapter [8 yrs] • Organized Mini Project competitions for electrical students annually since 2012[10 yrs]. • Organized ‘Avishkar’ national level Project competition in 2019 • Organized ‘FRCRIT Avishkar 2023 ’ national level Project competition in 2023 • <p>Responsibilities held</p> <ul style="list-style-type: none"> • Worked in ICNTE conference publicity committee (5 years). • Served In charge of PTI, Dept Academic calendar, Website updation, Dept convocation • Unversity online exam conduction setting exam c • Served as coordinator for one day university level teachers orientation program on Electrical Workshop on 5th Dec 2017. <p>Achievements: Served as Reviewer for</p> <ul style="list-style-type: none"> • IEEE 19th India Council International Conference INDICON 2022 • IEEE-sponsored Biennial International Conference on Nascent Technologies in Engineering(ICNTE), Fr.C.Rodrigues Institute of Technology, Vashi, January 15-16, 2021 • IEEE-sponsored Biennial International Conference on Nascent Technologies in Engineering(ICNTE), Fr.C.Rodrigues Institute of Technology, Vashi, January 4-5, 2019 • IEEE-sponsored Biennial International Conference on Nascent Technologies in Engineering(ICNTE), Fr.C.Rodrigues Institute of Technology, Vashi, January 27-28 2017 				
13.	<p>Projects guided in the UG level:</p> <ul style="list-style-type: none"> • Micro inverter for PV application. • Multilevel Cascaded H bridge inverter. • Series converter for PV application. • Single phase PWM rectifier. 				
14.	<p>Short Term Training Programmes attended</p> <ol style="list-style-type: none"> 1. 6 days STTP on “Power Electronics and Drives” from 31st Oct 2021 to 5th Nov 2022 at at FCRIT, Vashi, Maharastra 2. 5 days ATAL Academy online elementary FDP on “Power Electronics for Power Systems” from 6th Dec 2021 to 10th Dec 2021 at RIT, Kottayam, Kerala 3. 5 days ATAL Academy online elementary FDP on “Power Electronic Systems and its Real Time Control Implementation in DSP” from 8th Nov 2021 to 12th Nov 2021 at FCRIT, Vashi, Maharastra 				

	<ol style="list-style-type: none"> 4. One week ISTE approved online STTP on “DSP, Arduino, and C/Python”, 10th May to 14th May 2021, FCRIT, Vashi 5. One week AICTE-ISTE approved Induction/Refresher Programme on “Teaching Pedagogies for Engineering Education”, 24th to 28th June 2019, FCRIT, Vashi 6. Edumeet on Automation organized by IIT Bombay & Misubishi Electric Pvt Ltd, 12th January 2019 7. One week AICTE-ISTE Induction/Refresher Programme on “Innovative Teaching Learning Practices to Achieve Outcome based Education and Accreditation” , 3rd to 9th May 2018 at SPIT, Andheri. 8. One week AICTE-ISTE approved STTP on “Internet of Things A Practical Approach” Nov 27th – Dec 2nd 2017 at ACPCE Kharghar. 9. Two week STTP on “Electric Power System” at BVCE, Kharghar, conducted by IIT Kharagpur 2017 10. Five days STTP on “Microgrid, Smartgrid and Futuristic Energy Paradigms” at FCRIT, Vashi 2016 11. Two day FDP on “Teaching Power Electronics with MATLAB/Simulink” at RAIT, Nerul, Navi Mumbai, 2015. 12. Two day workshop on “Simulation of Power Electronic Circuits” at IIT Bombay, 2014. 13. Five day STTP on “Workshop on Advanced Control System” at FCRIT, Vashi, 2013. 14. Six days FDP on “Communication Skills” at FCRIT, Vashi, 2013. 15. Five day STTP on Renewable Energy Technologies & Applications” at FCRIT, Vashi 2011. 16. Five days STTP on “Role of Technology in Environmental Conservation” at SIES Nerul 2010
15.	<p>List of Journal Papers Published:</p> <ul style="list-style-type: none"> • Shruti Gite, Hage anga, Sheetal Bhawe, Divya Sajeesh “Power Factor and Harmonic Analysis in Single Phase AC to DC Converter” International Journal of Engineering Research and Technology, 2015, ISSN 2278- 0181 • Divya Sajeesh, Sincy George, “Hardware Implementation of PWM Rectifier” ICASTM, Dec 23rd - 24th 2021 DOI https://smsjournals.com/index.php/SAMRIDDHI/issue/view/137
16.	<p>List of Papers Published in National and International Conferences:</p> <ol style="list-style-type: none"> 1. Divya Sajeesh; Pranav Tonapi; Anush Malik “Design and Analysis of Microinverter for Residential PV application”, 2023 9th International Conference on Electrical Energy Systems , (ICEES), 23-25 March,2023, Chennai 10.1109/ICEES57979.2023.10110153 2. Divya Sajeesh, Sincy George, “Hardware Implementation of PWM Rectifier” ICASTM, Dec 23rd - 24th 2021 DOI https://smsjournals.com/index.php/SAMRIDDHI/article/view/2582 3. Mini Rajeev, Divya Sajeesh, “Harmonic Compensation by transformer less Grid tied PV inverter using Conservative Power Theory”, 5th International Conference for Convergence in Technology , 29th -31st March, 2019 4. Poornima Rao, Divya Sajeesh, “Power Generation using Solar Roof Top Sytem: A Case study”, International Conference on Advancement in Engineering Applied Science and Management, Mumbai, 10 October 2017 5. Felix Keettikkal, Divya Sajeesh, Poornima Rao, Shashank Hande, Ganesh Dakave Tushar Kute, Akshay Mahajan, R.D.Kulkarni “Generation of Heat on Fuel rod by using Induction Heating”, International Conference on Nascent Technologies in Engineering field, Mumbai, 9-10 January 2017, DOI: 10.1109/ICNTE.2017.7947943

	<p>6. Ramkumar Maurya, Divya Sajeesh, Poornima Rao, “Utility System Unbalance in Single phase electric Traction-A Review” International conference on Global Technology Initiatives, Mumbai, 29-30 March 2016</p> <p>7. Arpit Bohra, Divya Sajeesh & Michael.S, “Modulation Techniques in Single Phase PWM Rectifier”, International conference on Advances in science and Technology, Mumbai, 8-9 Dec 2015</p> <p>8. Divya Sajeesh, Sincy George, “Power Factor Improvement in Rectifier Circuit –A Simulation study”, IEEE international conference on Magnetics, Machines & Drives, Kerala, 24-26 July 2014, DOI: 10.1109/AICERA.2014.6908237</p>
17.	<p>Invited Lectures in FDP/ STTP: Conducted a lab session on “Simulation tutorials on PWM rectifiers” for STTP on Software Tools for Engineering Researchers’ organized by electrical Department of FCRIT, Vashi</p>