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RESEARCH SCHOLAR, ELECTRICAL ENGINEERING DEPARTMENT, VJTI, MUMBAI, INDIA

EDUCATIONAL QUALIFICATION	M Tech, Electrical (Specialization in Power Systems) VJTI, Mumbai, Maharashtra, India Thesis: <i>Optimization techniques using Evolutionary Game Approach</i>	<i>Aug' 17 - Jul' 19</i>
	B.E. in Electrical Engineering Shivaji University, Kolhapur, Maharashtra, India	<i>Aug' 07 - Jun' 10</i>
	Licentiate Diploma in Electrical Engineering VJTI, Mumbai, Maharashtra, India	<i>Aug' 02 - May' 07</i>

PROFESSIONAL EXPERIENCE - FULL TIME & PART TIME	K J Somaiya Polytechnic, Mumbai, India, Lecturer, Dept of Electrical Engineering	<i>Jun' 13 - till date</i>
	S S Jondhale Polytechnic, Ambernath, India Lecturer, Dept of Electrical Engineering	<i>Feb' 12 - April' 13</i>
	REPL Ltd, Mumbai, India Sales Engineer	<i>Mar' 11 -Jan' 12</i>
	Siemens Ltd (TCPL), Navi-Mumbai, India Production Engineer	<i>Aug' 10 - Feb ' 11</i>
	Brihanmumbai Electric Supply and Transport (BEST) In-Plant Trainee Technician Apprentice	<i>Dec' 05 - Dec' 06</i>

PUBLICATIONS	Conference papers:	
	1. Y. Baviskar, U. Suryawanshi, and A. Sheikh, "Modelling of Track Layout for Intelligent Railway Signalling System: A Machine Learning Application", <i>4th IEEE Southern Power Electronics Conference (SPEC - 2018)</i> , Nanyang Technological University, Singapore 2018 DOI: https://ieeexplore.ieee.org/document/8635878	
	2. U. Suryawanshi, M Sawant, J Moyalam, A Sheikh and S Bhil, "Unit Commitment: An Escort Dynamic Game Approach", <i>6th IEEE Edition of International Conference on Control Decision and Information Technologies (CoDIT- 2019)</i> , Le Cnam, Paris, France DOI: https://ieeexplore.ieee.org/document/8820592	
	3. S. Mohite, U. Suryawanshi, A. Sheikh, Sushama Wagh, and Navdeep Singh "Impact of temperature on State of Charge estimation for an Electric vehicle", <i>51st North American Power Symposium (NAPS-2019)</i> , Wichita State University, USA. DOI: https://ieeexplore.ieee.org/document/9000303	
	4. Shalini. K, U. Suryawanshi, S. Mohite, V. Kamuni, A. Sheikh, S.G. Jayasinghe, and S. Bhil "Energy trading of Ferry-to-Grid Network using Game Theoretic Approach", <i>9th International Conference on Power and Energy Systems (ICPES-2019)</i> , Perth, Australia. (Accepted)	
	5. U. Suryawanshi, S Jawarkar, V. Kamuni, A. Sheikh, S. Bhil, and S.G. Jayasinghe "Enhancing the Performance of Distribution Network using Ferry-to-Grid Technology", <i>9th International Conference on Power and Energy Systems (ICPES-2019)</i> , Perth, Australia. (Accepted)	
	6. S. G. Jayasinghe, U. Suryawanshi, A. Sheikh and Sanath Alahakoon "Fuel Saving with a Hybrid Power System for an Electric Ferry", <i>14th IEEE International Conference on Industrial and Information System (ICIIS-2019)</i> , Peradeniya, Sri Lanka. DOI: https://ieeexplore.ieee.org/document/9063317	

INTERNATIONAL/
NATIONAL
PRESENTATIONS/
VISITS

1. Presented paper in 9th IEEE Edition of International Conference on Power and Energy System (ICPES- 2019), Murdoch University, Perth, Australia (09 - 12 December 2019)
2. Presented paper in 51st North American Power Symposium (NAPS- 2019), Kansas State University, Wichita, Kansas, United States (13 - 15 October 2019)
3. Presented paper in 6th IEEE Edition of International Conference on Control Decision and Information Technologies (CoDIT- 2019), Le Cnam, Paris, France (23 - 26 April 2019)
4. Presented poster in 4th IEEE Southern Power Electronics Conference (SPEC - 2018) Nanyang Technological University, Singapore (11 - 13 Dec 2018)
5. One week training in **Power Plant Familiarization and Best Management Practices** at Adani Dahanu Thermal Power Station, Dahanu, India
6. Short term visit at MahaGenco Gas turbine power plant, Uran, India

SCHOLARSHIP /
AWARD
RECEIVED

Received a Student Travel Grant Award of AUD 300 for presenting paper at 9th IEEE Edition of International Conference on Power and Energy System (ICPES- 2019), Perth, Australia.

FUNDED
PROJECTS

Sr.No	Project (Implemented Year)	Funding Agency	Funds (in INR)
1	Development of e-Yantra Lab under IIT, Bombay (2015)	K. J. Somaiya Polytechnic Mumbai, India	30 Lakhs
2	Installation of Grid tie 10kW Solar Power Plant (2015)	K. J. Somaiya Polytechnic Mumbai, India	10 Lakhs
3	Minimization of Power bills for KJSP, Mumbai, India (2014)	K. J. Somaiya Polytechnic Mumbai, India	3 Lakhs
4	Energy auditing at K J Somaiya Hospital, Mumbai, India (2014)	Somaiya Vidyavihar Mumbai, India	2 Lakhs
5	Solar based Air Conditioners (2018)	K. J. Somaiya Polytechnic Mumbai, India	50 Thousand

PROFESSIONAL
MEMBERSHIPS

IEEE Student Member: since 2018 - Membership number: 95160267.
ISTE Faculty Lifemember : since 2013 - Membership number: LM 93806.

COMPUTER
SKILLS

Programming Languages: MATLAB, SIMULINK, ETAP, \LaTeX
Software: MS Windows, MS Office and Visio

TRAINING
COURSES /
SEMINARS /
WORKSHOPS
ATTENDED

1. AICTE recognised STTP on VHDL Programming Sep' 15
2. Workshop on Introduction to Robotics at IIT, Mumbai Feb' 16
3. Participated in Task based Training conducted by IIT, Mumbai Feb' 16
4. Workshop on Use of ICT in education for online and blended learning May' 16
5. Training program on Practical Approaches in Wireless Communication May' 17

REFERENCES

Dr. S. R. Wagh EED, VJTI, Mumbai, India Email: srwagh@ee.vjti.ac.in Mobile: +91 97690 25061	Dr. N. M. Singh EED, VJTI, Mumbai, India Email: nmsingh@ee.vjti.ac.in Mobile: +91 98197 37960	Dr. S D Varwandkar Director(Retd), VJTI, Mumbai, India Email: varwandkar@gmail.com Mobile: +91 98204 60098
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