

LIST OF RESEARCH SCHOLARS FOR M.Sc (Engg.) UNDER VTU, BELGAUM DURING 2013-2014

Sl. No.	Candidate Name	Guide Name	Co-Guide	Mentor	Discipline	Title of Project	Remarks
1	PUSHPA Y.G	Dr. N. Vasudev, CPRI	-	-	Electrical	A Laboratory Investigation for Standardization of Test Method for Polymeric Insulators	
2	PRAVEEN T.A	Dr. J. Sundara Rajan, CPRI	Dr. B. Nageshwar Rao, CPRI	Dr. B. Nageshwar Rao, CPRI	Electrical	Thermal Endurance of Polymeric Cables and Materials under Fire Condition	
3	V.S. VENKATESAN	Dr. V. Muralidhara Jain University	-	Shri. P. Chandra Sekhar	Electrical	Power Quality Improvement Using Interline Unified Power Quality Conditioner	
4	SAVITA V. BANAKAR		-	N. Maheshwara Rao, CPRI	Electrical	Pricise Voltage Control using Voltic by Static Tap Changer Mechanism	

5	KAVYA M	Dr. R.R.N. Shailaja TERI, B'lore	-	-	Electrical	Study on Polymer Composites for Emi Shielding Effectiveness	
6	SUDHAKAR H.S	Dr. M.S. Indira, SMVIT, B'lore			Electrical	Modeling, Control and Maximum Power Point tracking for Optimal Battery charging from Solar Photovoltaic System	
7	LIKITHA S	Dr. R.S. Shivakumara Aradhya, CPRI	Dr. N. Vasudev, CPRI	Smt. Kanyakumari, CPRI Shri. Karunakar, CPRI	Electrical	Studies to Establish Critical Resistive Leakage Current of Gapless ZNO Surge Arresters for Failure Prediction	
8	MANIKANDAN N	Dr. M.S. Indira, SMVIT, B'lore	-	Somala Arjuna Rao, CPRI	Electrical	Thermal Behavior of Distribution Transformer under Non Linear Loads	
9	SHOBHIT JAIN	Dr. A. Paventhan ERNET India Regional Centre, B'lore	-		Electrical	Internet of things Based Approach to Smart Metering Infrastructure focusing on PLC as well as Radio	

10	PRASENJIT BISWAS	Dr. Veena M.G, SJCE, Mysore	-	Smt. S. Ganga, CPRI	Electrical	a study on the suitability of silicone rubber for outdoor d.c application	
11	MALABIKA ROY	Dr. Rathindra Nath Das BHEL, B'lore	-	Shri. Janardhana M, CPRI	Mechanical	establishment of co- rrelation of structure property using ndt techniques for damage assessment of boiler tubes	
12	B. YASHODHARA	Dr. Dabbakuti Devendranath, CPRI	-	A. Yellaiah, UHVRL, CPRI	Electrical	electrical performance evaluation of polymeric insulators for hv outdoor insulation	
13	T. PRAMOD	Dr. S. Seetharamu, CPRI	Dr. P. Sampathkumaran, CPRI	Shri. R.K. Kumar	Mechanical	studies on cavitation behavior of hydro turbine steels and coatings: experimental and numerical approach	
14	AVINASH M	Dr. Arunachala U. Chandavar MIT, Manipal, Karnataka	Dr. M. Selvaraj, CPRI	-	Mechanical	design & development of transmission line tower using composite material (frp)	

LIST OF RESEARCH SCHOLARS FOR Ph.D (Engg.) UNDER VTU, BELGAUM DURING 2013-2014

Sl. No.	Candidate Name	Guide Name	Co-Supervisor	Mentor	Discipline	Title of Project	Remarks
1	VANI VIJAY	Dr. P. Giridhar Kini MIT, Manipal, Karnataka	Dr. C. Viswanatha, CPRI	-	Electrical	Development of a Novel Programmable Regenerative Load Emulator using fast Algorithms	
2	SHRUTHI K.J			-	Electrical	Novel Series Connected Maximum Power Tracking Control for Solar Photovoltaic Systems	
3	CHANDRA SHEKHAR P.K	Dr. Srivani S.G, RVCE, B'lore	-	Shri. Shyam Sundar, CPRI	Electrical	Synchrophasor Based On-line Stability Assessment using Intelligent Techniques	
4	S. SUDALAI SHUNMUGAM	Dr. N. Vasudev, CPRI	-	-	Electrical	Assessment of Pollution Level and Design of External Insulation For High Voltage Transmission System	
5	P. NOORCHESHMA	Dr. Amit Jain, CPRI	-	-	Electrical	State Estimation for Wide Area Power Systems: Modeling Error Effects and Impact on System Operation	

6	DIJIN DIVAKARAN		-	-	Electrical	Wide Area Protection and Control of Interconnected Power Grids using Phasor Measurement Technique	
7	DAISY FLORA S	Dr. J. Sundara Rajan, CPRI	-	-	Electrical	Experimental Investigation of Dielectric Properties of Transformer Oil for High Voltage Applications	
8	KINGSUK SAHA	Dr. V. Shivaprasad SIT, Tumkur	-	Meera K.S, PSD	Electrical	Wide Area Stability and Control for Power System Grid Security	
9	MOHAMMED FAROOQUE KHAN	Dr. A. Paventhan ERNET India Regional Centre, B'lore		-	Electrical	A Reliable Optimal Smart Metering Infrastructure for Smart Grid	
10	S. PRABHU	Dr. S. Chandrasekar Gnanamani College of Technology, Namakkal	-	Shri. Kaliappan, CPRI	Electrical	Design and Implementation of Novel Security Assessment Scheme in Power System using Phasor Measuring Techniques	
11	MUHAMMED FAISAL RAHMAN	Dr. Pradeep M. Nirgude, CPRI	-	Shri. U.R. Sheshagiri Rao, CPRI	Electrical	A Novel Optoelectronic Technique for Online Partial Discharge Monitoring of Transformers	

12	RAJA NAYAK MEGHAVATH		-	Smt. Kanyakumari, CPRI	Electrical	Study of Electric field Environment of HVDC Transmission Lines	
13	N. VINOTHKUMAR	Dr. V. Kumar Chinnaiyan NGP Instittue of Technolgy, TN	-	Shri. Sudhir Kumar, CPRI	Electrical	Design and Implementation of Multilevel Inverter Based Smart Microgrids with Energy Management System	
14	ARUN KUMAR K.H	Dr. V. Saravanan, CPRI	Dr. S. Seetharamu, CPRI	-	Mechanical	Studies on Combustion Characteristics of High Ash Indian Coals Blended with Foreign Coals: Experimental and Numerical Approach	
15	RAGHAVENDRA NAIK K			Shri. R.K. Kumar	Mechanical	Studies on High Temperature Erosion behavior of Critical Components of Thermal Power Plants: Experimental and Numerical approach	
16	SUBRAMANYA K.G	Dr. Ramesh Babu, CPRI	Dr. L. Govinda Raju, Associate Professor, Dept of Civil Engg., UVCE, Banglaore Ph: 9731336546		Civil	Dynamic Soil Structure Interaction of Framed Structures supportedonnPile & Piled Raft Foundation	
17	BASAVANAGOWDA G.M				Civil	Microzonation Studies at Karvar Region using refraction microtremor studies	

18	LAKSHMANAN	-	Dr. Amit Jain, CPRI		Electrical	Power Electronics Application to Renewable Energy Sources	IIT, MANDI
19	VIKAS PRATAP SINGH	-	Mr. Siddartha Bhat, CPRI		Electrical	Solar Power forecasting for power scheduling and dispatchability	IIT, JODHPUR