

RAJIV GANDHI INSTITUTE OF TECHNOLOGY KOTTAYAM

MANDATORY DISCLOSURE

B.TECH

ELECTRICAL AND ELECTRONICS ENGINEERING





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1	Name of Teaching Staff	MARY GEORGE 		
	Designation	PROFESSOR AND HOD		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	01/04/1991		
	Qualifications	UG B.sc Engg. (Electrical)	PG ME (Control and Instrumentation)	PhD Nil
	Total Experience in Years	Teaching 23	Industry 1	Research
	Papers Published	National-5		International-3
	Papers Presented in Conferences	National-nil		International-nil
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level 11
	Books Published/IPRs/Patents			
	Professional Memberships	ISTE Life Member		
	Consultancy Activities			
	Awards			
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


2	Name of Teaching Staff	VIJAYAKUMARI C K		
				
	Designation	PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
	Date of Joining the Institution	07/12/1993		
	Qualifications	UG B.TECH	PG M.TECH	PhD NIL
	Total Experience in Years	Teaching 25	Industry NA	Research NA
	Papers Published	National-		International-
	Papers Presented in Conferences	National-11		International-
	PhD Guide? Give field & University	NA		
	PhDs/Projects Guided	PhD NA		Projects at masters level 12
	Professional Memberships	ISTE Life Member		
	Awards	Best Teacher award Instituted by Alumni association in the year 2007		
	R & D	Perusing research in the area of VLSI design		
	Responsibilities	TEQIP Academic Nodal Officer		

3	Name of Teaching Staff	Dr. PRINCE A 		
	Designation	ASSOCIATE PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	12/11/2001		
	Qualifications with Class/Grade	UG B.TEC(EEE)	PG M.TECH(Energy studies)	PhD yes
	Total Experience in Years	Teaching 17	Industry	Research Power system
	Papers Published	National- 12		International
	Papers Presented in Conferences	National		International
	PhD Guide? Give field & University	Field		University
	PhDs/Projects Guided	PhDs NA		Projects at masters level 12
	Professional Memberships	Member IEEE Life Member ISTE Life Member Energy Conservation Society		
	Awards	Best Teacher Award 2007(Alumni RIT) Research Committee Member Anna University (Mtech by Research/Ph. D)		
	R & D	Power System Inter-area oscillation Control and monitoring using WAMS. CERD students research project: Design & implementation Photovoltaic System with Maximum Power Point Tracking.		
	Areas Of Interest	Power System, Renewable Energy System, Wide Area Measurements, Signal processing applications in Power System, Power Electronics Applications in Power System		


4	Name of Teaching Staff	Dr. Vincent G 		
	Designation	Asst. Professor		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	22/10/2000		
	Qualifications with Class/Grade	UG B.TECH(EEE)	PG M.TECH(Energetics)	PhD yes
	Total Experience in Years	Teaching 19	Industry	Research Power electronic
	Papers Published	National-3		International
	Papers Presented in Conferences	National-12		International
	PhD Guide? Give field & University	Field Power Electronics		University Mahatma Gandhi
	PhDs/Projects Guided	PhD 3		Projects at masters level 12
	Books Published/IPRs/Patents	<p>1. Vincent G. and Mahesh K. Mishra, "Design and Analysis of User-Defined Constant Switching Frequency Current Control Based Four Leg DSTATCOM" IEEE Transactions on Power Electronics Vol. 24, No. 9, pp. 2148-2158, Sept. 2009.</p> <p>2. Vincent G. and Mahesh K. Mishra, " User-Defined Constant Switching Frequency Current Control Strategy for a Four Leg Inverter", Journal of Power Electronics, IET UK, Vol. 2, No. 4, pp. 335-345, July 2009.</p> <p>3. Vincent G. and Mahesh K. Mishra, "DSTATCOM Topologies for Three-Phase Medium Power Applications" International Journal of Power Electronics, Inderscience Publishers, UK Vol. 2, No. 2, pp. 107-124, 2010.</p>		
	Professional Memberships	<p>1. Member, IEEE Industry Applications Society, New York</p> <p>2. Senior Member, International Association of Computer Science and Information Technology, Singapore</p> <p>3. Life Member, ISTE, New Delhi</p>		
	Consultancy Activities			
	Awards	<p>1. Best Thesis Award, 2009 at IIT Madras.</p> <p>2. Indian National Academy of Engineers (INAE) Innovative Student Project</p> <p>3. Best Teacher Award 2010 at RIT Kottayam.</p> <p>4. Guided the Masters thesis which bagged the Global IEEE IAS Graduate Thesis Award 2012.</p>		


	Areas Of Interest	Power Electronics, Power Quality and Power Electronic Applications to Power System
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5	Name of Teaching Staff	Dr. DOLLY MARY A		
				
	Designation	Assistant Professor		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	02/07/2003		
	Qualification with Class/Grade	UG BE (EEE)	PG M.TECH	PhD YES
	Total Experience in Years	Teaching 13year	Industry	Research Control
	Papers Published	<b>National-3</b>		<b>International</b>
	Papers Presented in Conferences	<b>National-3</b>		<b>International</b>
	PhD Guide? Give field & University	<b>Field</b> NA		<b>University</b> NA
	PhDs/Projects Guided	<b>PhDs</b> NA		<b>Projects at masters level</b> 8
	Books Published/IPRs/Patents	1. A. Dolly Mary, Abraham T. Mathew, Jeevamma Jacob, "Robust H-infinity Stabilization of Uncertain Wheeled Mobile Robots", Global Journal of Researches in Engineering, vol. 12, no. 1, pp. 23-31, January 2012. 2. A. Dolly Mary, Abraham T. Mathew, Jeevamma Jacob, "H-infinity Disturbance Rejection for Robust Control of Tractor", IETE Journal of Research, vol. 59, no.1, pp. 38-47, Jan-Feb.2013		
	Professional Memberships	NA		
	Areas Of Interest	Control Systems Microprocessors/Microcontrollers Robotics		
	Awards			
	Responsibilities	Visiting Faculty coordinator (EE) Staff advisor (EE, 2010-14 batch) Accreditation-Coordinator (EE)		


6	Name of Teaching Staff	Dr. Dinesh Gopinath 		
	Designation	Assistant Professor		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	01/01/2015		
	Qualification with Class/Grade	UG B.TECH(EEE)	PG M.TECH(Power electronics)	PhD yes
	Total Experience in Years	Teaching 14 years	Industry 1 year	Research Power electronics
	Papers Published	<b>National</b>		<b>International</b>
	Papers Presented in Conferences	<b>National-3</b>		<b>International</b>
	PhD Guide? Give field & University	<b>Field</b> NA		<b>University</b> NA
	PhDs/Projects Guided	<b>PhDs</b> NA		<b>Projects at masters level</b> 10
	Books Published/IPRs/Patents			
	Professional Memberships	Life Member, ISTE		
	Consultancy Activities	NIL		
	Areas Of Interest	Power Converters, Real-Time Simulation, Sustainable Development, Curriculum Planning and Development		
	Industrial Experience	Senior Research Associate, Power Electronics Group, C-DAC Thiruvananthapuram (Formerly ER&DCI(T)), From May, 1999 to June, 2000.		





7	Name of Teaching Staff	BINOJ KUMAR A.C.		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	14/12/2005		
	Qualifications with Class/Grade	UG B.TECH(EEE)	PG M.TECH (power system)	PhD
	Total Experience in Years	Teaching 14	Industry NIL	Research NA
	Papers Published	National 7		International
	Papers Presented in Conferences	National 4		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level 11
	Books Published/IPRs/Patents	<p>1. A. C. Binoj Kumar, J. S. Sivaprasad and G. Narayanan, "Experimental investigation on the effect of advanced bus-clamping pulsewidth modulation on motor acoustic noise", IEEE Trans. Ind. Electron., vol. 60, no. 2, pp. 433-439, 2013.</p> <p>2. A. C. Binoj Kumar, B. Saritha and G. Narayanan, "Acoustic Noise Characterization of Space Vector Modulated Induction Motor Drives - An Experimental Approach", IEEE Trans. Ind. Electron., vol. 62, no. 2, pp. 3362-3371, 2015</p> <p>3. A. C. Binoj Kumar and G. Narayanan, "A Variable Switching Frequency PWM Technique for Inverter-fed Induction Motor to Achieve Spread Spectrum", in Proc. National Power Electronics Conference, NPEC'10, Roorkee, India, Jun. 2010.</p> <p>4. A. C. Binoj Kumar and G. Narayanan, "A low-cost system for measurement and spectral analysis of motor acoustic noise", in Proc. National Power Electronics Conference, NPEC'11, Howra, India, Dec. 2011.</p> <p>5. A. C. Binoj Kumar, B. Saritha and G. Narayanan, "Experimental comparison of conventional and bus-clamping PWM methods based on electrical and acoustic noise spectra", in Proc. IEEE International Conference on Power Electronics, IICPE'14, Kurukshethra, India, Dec. 2014.</p> <p>6. A. C. Binoj Kumar and G. Narayanan, "Variable Switching Frequency PWM Technique for Induction Motor Drive to Spread Acoustic Noise Spectrum with Reduced Current Ripple", in Proc. IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES'14, Mumbai, India, Dec. 2014.</p> <p>7. Soumitra Das, A. C. Binoj Kumar and G. Narayanan, "Analytical evaluation of harmonic distortion factor corresponding to generalised advanced bus-clamping pulse width modulation", in IET Power Electron., vol. 7, no. 12, pp. 3072-3082, 2014.</p>		
	Professional Memberships	NIL		
	Areas Of Interest	PWM techniques, electric drives and motor acoustic noise		


8	Name of Teaching Staff	RAJESH K		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	02/06/2013		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH (IDC)	PhD NA
	Total Experience in Years	Teaching 7.5 Years	Industry	Research NA
	Papers Published	<b>National- 1</b>		<b>International</b>
	Papers Presented in Conferences	<b>National-3</b>		<b>International</b>
	PhD Guide? Give field & University	<b>Field</b> NA		<b>University</b> NA
	PhDs/Projects Guided	<b>PhDs</b> NA		<b>Projects at masters level</b> 7
	Books Published/IPRs/Patents	"Sensorless Control of BLDC Motor drive Fed by Isolated DC-DC Converter" International Journal Of Advanced Research in Electrical Electronics And Instrumentation Engineering with ISSN 2278-8875.		
	Professional Memberships	ISTE		
	Areas Of Interest	Power Electronics and Drives		

9	Name of Teaching Staff	SOHAN PLACID JOHN		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	21/01/2014		
	Qualifications with Class/Grade	UG B.TECH(EEE)	PG	PhD
	Total Experience in Years	Teaching 1	Industry 5	Research
	Papers Published	National		International
	Papers Presented in Conferences	National		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level Nil
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas Of Interest	Power Electronics, Electrical Machines		
	Awards			
	Responsibilities	Staff advisor of 2011-2015 batch, Power Electronics lab in charge		
	Interaction with Professional Institutions			

10	Name of Teaching Staff	LEKSHMI MOHAN		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	21/01/2014		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH(computer controlled industrial power)	PhD
	Total Experience in Years	Teaching 1	Industry 1	Research
	Papers Published	National		International
	Papers Presented in Conferences	National- 1		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level 3
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas Of Interest	Power electronics		
	Awards			
	Responsibilities	Department library in charge		
	Interaction with Professional Institutions			


11	Name of Teaching Staff	RADHIKA R		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	03/06/2013		
	Qualifications with Class/Grade	UG B.TECH(EEE)	PG M.TECH(Guidance and Navigation)	PhD
	Total Experience in Years	Teaching 10	Industry Nil	Research
	Papers Published	National		International
	Papers Presented in Conferences	National-5		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level 7
	Books Published/IPRs/Patents			
	Professional Memberships	ISTE LIFE MEMBER		
	Areas Of Interest	Control System		
	Awards			
	Responsibilities	Staff advisor of 2013-2017 EEE batch Electrical Machines Lab In Charge Purchase committee Department coordinator		
	Interaction with Professional Institutions			


12	Name of Teaching Staff	ANN MARY JOSHUA		
				
	Designation	Guest Lecturer		
	Department	ASSISTANT PROFESSOR		
	Date of Joining the Institution	02/12/2014		
	Qualifications with Class/Grade	UG B.TECH(EEE)	PG M.TECH(Industrial Drives)	PhD
	Total Experience in Years	Teaching 2	Industry 3.5	Research
	Papers Published	National		International
	Papers Presented in Conferences	National- 1		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level 3
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas Of Interest	POWER ELECTRONICS		
	Awards			
	Responsibilities	Faculty in charge of Measurements lab Staff Advisor 2012-2016 batch Series Test - Dept. Coordinator Staff Club - Dept. Coordinator		
	Interaction with Professional Institutions			


13	Name of Teaching Staff	SONY M.G		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	10/06/2015		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH(Control System)	PhD
	Total Experience in Years	Teaching 9.5	Industry	Research
	Papers Published	National		International
	Papers Presented in Conferences	National		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level 3
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas Of Interest	CONTROL SYSTEMS.		
	Awards			
	Responsibilities	Lab-in-Charge(Software Lab) Series Exam(Dept.Co-ordinator) Remedial Class(Dept.Co-ordinator)		
	Interaction with Professional Institutions			


14	Name of Teaching Staff	MEERAKHALID		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	08/06/2015		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH (Industrial Drives)	PhD
	Total Experience in Years	Teaching 6	Industry 2.5	Research
	Papers Published	<b>National</b>		<b>International</b>
	Papers Presented in Conferences	<b>National</b>		<b>International</b>
	PhD Guide? Give field & University	<b>Field</b> NA		<b>University</b> NA
	PhDs/Projects Guided	<b>PhDs</b> NA		<b>Projects at masters level</b> 5
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas of Interest			
	Awards			
	Responsibilities			
	Interaction with Professional Institutions			




15	Name of Teaching Staff	HASEENE A 		
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	16/06/2014		
	Qualifications with Class/Grade	UG B.TECH(EEE)	PG	PhD
	Total Experience in Years	Teaching 10.5	Industry 9 Months	Research
	Papers Published	National		International
	Papers Presented in Conferences	National		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level Nil
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas of Interest			
	Awards			
	Responsibilities			
	Interaction with Professional Institutions			

16	Name of Teaching Staff	PRASEETHA KARUVELIL		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	19/08/2015		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH (Electrical Machines)	PhD
	Total Experience in Years	Teaching	Industry	Research
	Papers Published	<b>National</b>		<b>International</b>
	Papers Presented in Conferences	<b>National- 1</b>		<b>International</b>
	PhD Guide? Give field & University	<b>Field</b> NA		<b>University</b> NA
	PhDs/Projects Guided	<b>PhDs</b> NA		<b>Projects at masters level</b> <b>Nil</b>
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas Of Interest	Electrical Machines Control system Power system Power Electronics		
	Awards			
	Responsibilities			
	Interaction with Professional Institutions			

17	Name of Teaching Staff	ANJU JOLLY		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	11/07/2013		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH(Renewable Energy)	PhD
	Total Experience in Years	Teaching 1	Industry	Research
	Papers Published	National- 1		International
	Papers Presented in Conferences	National		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level Nil
	Books Published/IPRs/Patents	TITLE: Optimization of Energy Management for Charged Storage of a PV System by the Fuzzy Logic Technique. JOURNAL NAME: International Journal of Computer Applications (0975 – 8887) VOLUME: Volume 63– No.10, February 2013		
	Professional Memberships			
	Areas Of Interest	Renewable Energy Electrical Machines		
	Awards			
	Responsibilities			
	Interaction with Professional Institutions			

18	Name of Teaching Staff	VIJI JOSEPH		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	23/07/2015		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH(Power electronics and power system)	PhD
	Total Experience in Years	Teaching	Industry 1.5 yrs	Research
	Papers Published	<b>National</b>		<b>International</b>
	Papers Presented in Conferences	<b>National-3</b>		<b>International</b>
	PhD Guide? Give field & University	<b>Field</b> NA		<b>University</b> NA
	PhDs/Projects Guided	<b>PhDs</b> NA		<b>Projects at masters level</b> <b>Nil</b>
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas Of Interest	Power System, Power Flow Analysis, Power Electronics		
	Awards			
	Responsibilities			
	Interaction with Professional Institutions			

19	Name of Teaching Staff	REJITH R CHANDRAN		
				
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRICAL AND ELECTRONICS		
	Date of Joining the Institution	15/07/2014		
	Qualifications with Class/Grade	UG B.TECH (EEE)	PG M.TECH (Power Electronics)	PhD
	Total Experience in Years	Teaching 2 yrs.	Industry 2 yrs.	Research
	Papers Published	National		International
	Papers Presented in Conferences	National		International
	PhD Guide? Give field & University	Field NA		University NA
	PhDs/Projects Guided	PhDs NA		Projects at masters level Nil
	Books Published/IPRs/Patents			
	Professional Memberships			
	Areas Of Interest	Power Electronics and Drives, Electrical Machines		
	Awards			
	Responsibilities			
	Interaction with Professional Institutions			

