BIO-DATA



Dr. Bindu R

1.	Name			Dr. Bindu R					
2.	Designation			Associate Professor					
3.	Residential Address			AL-6-2-4, Ashiana Apartments, Sector-5, Airoli, Navi Mumbai-					
	Data of hirth			400708					
4. 5.	Date of birth			23-03-1968					
5. i.	Total Experience			33					
1. ii.	Teaching Industrial			33					
<u>п.</u> 6.	Qualifications								
••				tution/	Branch/Specializ	ation	Percentage/CGPI		
	Passed			versity					
	B.Tech.	1990	Univ Kera		Electrical & Electronics Engineering		74.5%		
	Qualified G	ATE 199	0						
	M.Tech.	1992	REC NIT	C (now) Calicut	Electrical Engi (Energetics)	neering	64% + Dissertation- Excellent grade		
	Ph. D. (Electrical)	2021	Mur	versity of nbai RIT)	Electrical Engine	eering			
	Additional Qu	alificatio	n:						
7.	Employment	Record							
	Institution	Institution		Year (From	To)		signation		
	Fr. C. Rodrigues Institute of Technology, Navi Mumbai			08 Nov. 2023 to till date		Associate Professor & Asst. HOD.			
	Fr. C. Rodri of Techno Mumbai	-	titute Navi	01 Sep. 2 2023	010 to 07 Nov.	Associate Professor			
	Fr. C. Rodri of Techno Mumbai	υ	titute Navi	April 2006 to Sep.2010		Assistant Professor			
	Fr. C. Rodri of Technolog	gy,		May 2002 to April 2006		Sr. Lecturer			
	Fr. C. Rodri of Technolog	gy,		August 1996 to May 2002		Lecturer			
	Amrutvahini Engg.,Sanga Ahmed Naga	mner,	e of	Feb 1996 to 1996 Aug.		Lecturer			
	Pravara Engg.Colleg Ahmed Naga	e,Loni,	Rural	July 1994 to Sep. 1995		Lecturer			

	ts Taught at UG lev					
Sr.No.	Name of Subject	1			Semester VII	
	 Drives and Control Electrical Machine Design Computer Application in Power System Analysis Protection and switchgear Engineering 					
				VII		
				VI		
4		0 0	ng		VI	
5		rical Machines III			VI	
6	Power Transmission				V	
7	Electrical Machine		V			
 8 Element of Power System 9 Electrical Machines I 10 Electrical Networks 11 Control State II 				IV		
					III	
					III	
11	Control System II	VII				
12	Industrial controll				VIII	
13	Electrical Machine				VI	
14 S1-1	Electrical AC Mac				IV	
Subject Sr.No.	ts Taught at PG leve Name of Subject	CI	<u> </u>	Semester		
1	Electrical Machine	Modelling and An	alvsis	I		
2	Advanced Machine			I		
3	Electrical Drives ar			II		
4	Electrical Drives an			I		
<u>4</u> 6	Digital Control of H			I		
-	h Experience:	Licenteal Drives		11		
from 31/ Organize Applicat Vashi. Organize Applicat	ed ISTE approved sl /10/22 to 05/11/22 a ed ISTE approved sh ions" from 16/04/20 ed ISTE approved s ions" from 07/01/20	t Fr. C. Rodrigues nort term training p 12 to 16/04/2012 short term training	Institut program at Fr. C g progra	e of Technol on "Worksh . Rodrigues I m on "MAT	ogy, Vashi. op on Power Elec nstitute of Techn	
Organize	ed ISTE approved sh 08/2008 to 11/08/200	ort term training p	rogram			
Organize from 07/ Researc	ed ISTE approved sh 08/2008 to 11/08/200 h Grants:	ort term training p 06 at Fr. C. Rodrig	rogram ues Insti	tute of Techn	ology, Vashi.	
Organize from 07/	ed ISTE approved sh 08/2008 to 11/08/200 h Grants: Name of Funding	ort term training p	rogram ues Insti	tute of Techn	ology, Vashi.	
Organize from 07/ Researc	ed ISTE approved sh 08/2008 to 11/08/200 h Grants:	ort term training p 06 at Fr. C. Rodrig	rogram ues Insti	tute of Techn	ology, Vashi. Name of Rese Project Hardware Implementatic Indirect Ve Control Induction M with	
from 07/ Researc Sr.No. 01	ed ISTE approved sh 08/2008 to 11/08/200 h Grants: Name of Funding Organization University of Mumbai	ort term training p D6 at Fr. C. Rodrig Type of Grant Minor Research Grant APD/237/447 of 17th Nov. 2012	rogram ues Insti Amount (Rs.) 23000	tute of Techn t Year 2012	ology, Vashi. Name of Rese Project Hardware Implementatic Indirect Ve Control Induction M with Optimisation	
Organize From 07/ Research Sr.No.	ed ISTE approved sh 08/2008 to 11/08/200 h Grants: Name of Funding Organization University of	ort term training p D6 at Fr. C. Rodrig Type of Grant Minor Research Grant APD/237/447 of 17th Nov.	rogram ues Insti Amount (Rs.)	tute of Techn t Year	ology, Vashi. Name of Rese Project Hardware Implementatic Indirect Ve Control Induction M with	
Organize rom 07/ Researc Sr.No. 01	ed ISTE approved sh 08/2008 to 11/08/200 h Grants: Name of Funding Organization University of Mumbai	ort term training p D6 at Fr. C. Rodrig Type of Grant Minor Research Grant APD/237/447 of 17th Nov. 2012 R&D (Doctoral)	rogram ues Insti Amount (Rs.) 23000	tute of Techn t Year 2012	ology, Vashi. Name of Reserved Project Hardware Implementation Indirect Vec Control Induction With Optimisation Design and Co of P Conversion Sy for Electric Veh	
Organize rom 07/ Researc Sr.No. 01 02	ed ISTE approved sh 08/2008 to 11/08/200 h Grants: Name of Funding Organization University of Mumbai	ort term training p D6 at Fr. C. Rodrig Type of Grant Minor Research Grant APD/237/447 of 17th Nov. 2012 R&D (Doctoral) DR2017007	rogram (ues Insti Amount (Rs.) 23000 70000	tute of Techn t Year 2012 2017	Name of Rese Project Hardware Implementatic Indirect Ve Control Induction M with Optimisation Design and Co of P Conversion Sy	

			APD/237/323					
			of 27th Mar.					
	2018							
10.	Professional Societies Fellowship / Membership ISTE membership, IEI Membership, IETE Fellow membership							
1.	Projects guided in UG/PG level: More than 20 in UG and 18 in PG							
	Area - Electrical Drives and Control, Power System.							
	Details of M.E Projects guided							
	Ser.	Name of	Title of the Project	Year	Status			
	No.	Student		2011				
	01	Ruchi Harchandani	Automation of Motors for Cement Industry using PLC and SCADA	2011- 2012	Completed			
	02	Divya M.	Performance Improvements in Distribution	2012	Completed			
	02	211 9 4 1 1 1	Systems	2012	compresse			
	03	Deepa Vincent	Three Phase Induction Motor Design Software	2011- 2012	Completed			
	04	Ramchandra Bhosale	Vector Control of Induction Motor using Fuzzy logic Controller	2012- 2013	Completed			
	05	Juber Shaikh	Flux Optimization for Indirect vector control of Induction Motor	2012- 2013	Completed			
	06	Amol Karpe	Multi-level Inverter for Large Induction Motor Drives Application	2013 2012- 2013	Completed			
	07	Shraddha Hule	Sensorless Vector Control of Three Phase	2013 2013- 2014	Completed			
	08	Mahesh	Induction Motor Design of Electric Release Brake	2013-	Completed			
	09	Kumbhar Shabin	Design and Analysis of Induction Motor	2014 2014-	Completed			
	09	Thomas	based Drive for Hybrid Electric Vehicle Application	2014-2015	Completed			
	10	Rahul D. Patil	Modelling and Control of switched Reluctance Motor for Hybrid Electric Vehicle	2014- 2015	Completed			
	11	Omkar Pawar	Direct Torque Control of Induction Motor using Four Switch Three Phase Inverter	2014- 2015	Completed			
	12	Nereus Fernandes	Control of Switched Reluctance Generator in Wind Energy System	2015- 2016	Completed			
	13	Dinesh Bhujade	DTC of Three Phase Induction Motor using Space Vector Modulation Technique	2016- 2017	Completed			
	14	Khan Abdul Hakim	Sensorless Vector Control of Induction Motor with Slip Gain Tuning	2017 2016- 2017	Completed			
	15	Sujata Patil	Battery-Ultracapacitor based Power Conditioning Unit for Electric Vehicle Application	2017- 2018	Completed			
	16	Salil Patwardhan	Modelling and Performance Analysis of Battery Electric Vehicle	2018- 2019	Completed			
	17	Ann Raichel Mathew	Design and Development of a Power Electronic Drive for a Small Four-Wheeler Utility Electric Vehicle	2019- 2020	Completed			
	18	Prathamesh Vichare			Ongoing			
2.	Short	t Term Training	Programmes attended:					
	2. D	SP hardware and	i-06 Nov. 2001, Control and Automation Bus software in Power Electronics, IIT, Mumbai, lity, IIT, Kanpur, IEEE, UP section, 9-10 No	May 5-16				
	4. P 5. P	ower Plant Trainin	ng, Tata Power Plant, Trombay and Dharavi S AC motor Controls, Advanced Training Instit	Substation				

	6. Power plant familiarisation, Dahanu Thermal Power Station, Oct 17-19, 2011
	7. Basic Drives, Sitrain, Siemens Ltd., Kharghar, 02-05 July 2012
	8. Workshop on Control System Design with MATLAB by RAIT, Nerul, Jan 2-6, 2017.
	9. STTP on "Electric and Hybrid Electric Vehicle Technology" organized by the Department
	of Electrical Engineering, FCRIT, Vashi during June 18-23, 2018.
	10. Online Faculty Development Series on "Learning Pedagogy and Effective Use of Case
	Methodology" ASM Group of Institutes, May 17-21, 2020.
	11. Online Workshop on "Education 4.0" organised by IQAC, Atharva College of
	Engineering, Mumbai, April 28-30,2020.
	12. One-week online Faculty Development Program on "Outcome Based Education: A step
	towards Excellence", Govt. Engineering College, Karad, Maharashtra, May 11-15, 2020.
	13. AICTE Training And Learning (ATAL) Academy Online FDP on "Electric Vehicles"
	from 2-11-2020 to 6-11-2020 at Fr. C. Rodrigues Institute of Technology, Vashi.
	14. One week online STTP on topic "DSP, Arduino, and C/Python" organized by Department
	of Electrical Engineering of FCRIT, Vashi from 10th May 2021 to 14th May 2021.
	15. 3 days AICTE-Workshop (online) on Examination Reforms from 8th-10th July 2021 by
	Chitkara University and AICTE.
	16. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "FDP on
	Stress Management" from 2021-07-26 to 2021-07-30 at Government College of
	Engineering, Tirunelveli-627007.
	17. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Power
	Electronic Systems and its Real Time Control Implementation in DSP" from 08/11/2021
	to 12/11/2021 at Fr. C. Rodrigues Institute of Technology.
	18. One week International online FDP on topic "Trends and challenges in the development
	of EV and HEV-Series1" organized by Department of Mechanical Engineering of Lendi
	Institute of Engineering and Technology, Andhra Pradesh from 26th Sept. 2022 to 30th
	Sept 2022.
	19. Faculty Development Program on the topic "Futuristic Electrical Power Systems"
	organized by Department of Electrical Engineering of Fr. C. Rodrigues Institute of
	Technology, Vashi from 10th-16th November 2022.
	20. FDP on "Research Proposal and Academic Writing" organised by IQAC and Research
	Cell of Deviprasad Goenka Management College of media Studies, Mumbai from 03/07/23 to 08/07/23.
	21. Seven Days "Ashtang Yoga" from 21st October 2023 to 31st October 2023 Organized by
	Department of Mechanical Engineering of Agnel Charities' Fr. C. Rodrigues Institute of
	Technology, Vashi.
	22. STTP on "Role of Machine Learning in Electrical Engineering" from 02-01-2024 to
	06-01-2024, approved by Indian Society for Technical Education at Fr. C. Rodrigues
	Institute of Technology, Vashi, Navi Mumbai.
	23. Six days STTP on "Research Proposal Writing and AI Tools in Education and Research"
	from 06-05-2024 to 11-05-2024, approved by Indian Society for Technical
	Education at P. R. Pote Patil College of Engineering and Management, Amravati.
	24. Six days FDP on "Solar Vehicle: Design and Implementation (SVDI 2024)" from 23-09-
	2024 to 28-09-2024 by Professor from IIT, Roorkee, organized by Annant Gyan
	Knowledge and Skills Pvt. Ltd.
13.	List of Papers Published in Journal (Bindu R)
	1. Bindu, R., Thale, S., Performance Analysis of Power Sharing Control Strategies for
	Battery/Ultracapacitor Hybrid Energy Storage Based Electric Vehicle, (2020)
	International Review of Electrical Engineering (IREE), 15 (5), pp. 382-393. doi:
	https://doi.org/10.15866/iree.v15i5.18404
	2. R. Bindu and Sushil Thale, Power Management Strategy for an Electric Vehicle Driven by
	Hybrid Energy Storage System, IETE Journal of Research, Taylor & Francis, Mar
	2020.https://doi.org/10.1080/03772063.2020.1729257
	3. Divya M, Bindu R "Ant Colony Optimization method applied to Distribution Network
	Reconfiguration," 'International Journal of Advanced Research in Computer and
	Communication Engineering Vol 2 Issue 10, Oct.2013.
	4. Deepa Vincent, Bindu R "Three Phase Induction Motor Design in Windows
	Programming Platform," 'International Journal of Engineering and Innovative
	Technology (Online) ISSN: 2277-3754 Volume 3, Issue 1, July 2013
1	5. Ram Bhosale, Juber Shaikh, Bindu R "Analysis of Inverter Modulation Strategies for

Vector controlled Drive," 'International Journal of Advances in Electrical and Electronics Engineering Vol.2, No.1, ISSN 2319-1112 Feb 2013

- 6. Amol Karpe, **Bindu R** "A Comparison of Conventional and Multilevel Inverter for 2.3 kV Induction Motor Drives," International Journal of Advances in Electrical and Electronics Engineering Vol.2, No.1, ISSN 2319-1112 Feb 2013
- Divya M, Bindu R "Simultaneous network reconfiguration and capacitor placement for loss reduction of distribution systems by Ant Colony Optimization algorithm," 'International Journal of Advances in Electrical and Electronics Engineering Vol.1, No.2. ISSN 2319-1112 Nov 10, 2012
- 8. Bindu R, Mini N "Tuning of PID Controller for DC Servo Motor using Genetic Algorithm," *International Journal of ETAE, March 20, 2012, ISSN 2250-2459.*
- 9. Basha, A. M., P. Janardhanan, and **R. Bindu**. "PC-based protective relaying algorithms for transmission lines using digital filters." *Indian Journal of Power and River Valley Development* 44 (1994): 387-387.
- A. M. Basha, P Janardhanan, **R Bindu**, "PC-based protective relaying algorithms for generator using digital filters," *International Journal of Electrical Engineering Education*, Manchester U P, Great Britain, Volume: 31 issue: 1, page(s): 46-53, Issue published: January 1, 1994, <u>https://doi.org/10.1177%2F002072099403100105</u>

16.

List of Papers Published in National and International Conferences (Bindu R)

- R. Soni, Bindu R, D. Sajeesh and B. S, "Application of Python-based Machine Learning for Transformer Performance and Transmission Line Fault Prediction," 2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA), Nagpur, India, 2024, pp. 1-6, DOI: 10.1109/ICAIQSA64000.2024.10882231.
- 2. S. Kaduskar, **Bindu R** *et al.*, ""Revolutionizing Aviation and EV Industries: Advancements in Axial Flux Motors for Electric Propulsion Systems with ANSYS Electronics"," 2024 IEEE 9th International Conference for Convergence in Technology (I2CT), Pune, India, 2024, pp. 1-6, **DOI:** <u>10.1109/I2CT61223.2024.10543862</u>
- S. Kaduskar, A. Panda, P. Parab, M. Rajput and Bindu R, ""Performance Analysis of Outer Rotor Induction Hub Motors for Electric Vehicles: An ANSYS-based Study"," 2024 3rd International conference on Power Electronics and IoT Applications in Renewable Energy and its Control (PARC), Mathura, India, 2024, pp. 214-220, DOI: 10.1109/PARC59193.2024.10486345
- S. Malpure, S. Bhivsane, S. Nair and Bindu R, "Design and Development of Toroidal Core Winding Machine with Digital Interface," 2022 International Conference on Futuristic Technologies (INCOFT), Belgaum, India, 2022, pp. 1-8, DOI: 10.1109/INCOFT55651.2022.10094478
- Ann Rachel Mathew, Bindu R, Sushil Thale, Paper titled "Design of a Power Electronic Drive for a Small Utility Electric Vehicle" 2020 IEEE India Council International Sub-Sections' Conference (INDISCON 2020) 03– 04 October 2020, Visakhapatnam (DOI: 10.1109/INDISCON50162.2020.00027)
- Salil Patwardhan, Bindu R, Sushil Thale, Paper titled "Modeling and Performance Analysis of Battery," Electric Vehicle 2nd International Conference on Power and Embedded Drive Control (ICPEDC-2019), August 21-23, 2019, Chennai, INDIA (DOI: 10.1109/ICPEDC47771.2019.9036646).
- Sujata Patil, Bindu R, Sushil Thale, Paper titled "Electric Vehicle Power Conditioner with Battery-Ultracapacitor Hybrid Energy Storage System" has been accepted for presentation in IEEE INDICON 2018 to be held at Amrita Vishwa Vidyapeetham, Coimbatore, India from 16-18 December 2018 in the TRACK: Power Electronics and Drives (DOI: 10.1109/INDICON45594.2018.8987191).
- Bindu R, Sujata Patil, Sushil Thale, "Design and Control of Power Conversion System for Electric Vehicle Application," 2017 IEEE International (biennial) Conference on "Technological Advancements in Power & Energy–TAP Energy 2017", organized by the Department of Electrical & Electronics Engineering, Amrita Vishwa Vidyapeetham University, 21st to 23rd December 2017 (DOI: 10.1109/TAPENERGY.2017.8397264).

9. Bindu R, Sushil Thale, "Sizing of Hybrid Energy Storage System and Propulsion Unit for
Electric Vehicle," International Transportation Electrification Conference India (ITEC
India 2017), Pune, Dec 13-15 by ARAI, SAE India, IEEE (DOI: 10.1109/ITEC-
India.2017.8333846)
10. Nereus Fernandes, R Bindu , "Maximum power point tracking of wind turbine using
switched reluctance generator," International Conference on Nascent
Technologies in Engineering (ICNTE), IEEE Xplore, 2017 (DOI:
<u>10.1109/ICNTE.2017.7947907</u>)
11. Shabin, Bindu R , "Induction Motor based Drive for Hybrid Electric Vehicle
Application", International Conference on Electrical and Electronics Engineering
(ICEEE), WRFER, Pune, India, May 2017.
12. Nereus Fernandes, Bindu R, Sincy George, "Control of switched reluctance generator in
wind energy system," International Conference on Green Engineering and
Technologies (IC-GET), IEEE Xplore, Nov 2016 (DOI:
<u>10.1109/GET.2016.7916835</u>)
13. Rahul D Patil, Bindu R , "Modelling and Control of Switched Reluctance Motor for Hybrid
Electric Vehicle", International Conference on Recent Trends and Innovations in
Engineering and Technology," May 1, 2, PACE, A.P; Published in International Journal
of Advance Electrical and Electronics Engineering (IJAEEE), ISSN (Print): 2278-8948,
Volume-4 Issue-2, 2015.
14. Omkar V Pawar, Bindu R , Rohit Chandan, "Direct Torque Control of Induction Motor
using Four Switch Three Phase Inverter" International Conference on Recent Trends and
Innovations in Engineering and Technology," May 1, 2, PACE, A.P: Published in
International Journal of Advance Electrical and Electronics Engineering (IJAEEE), ISSN
(Print): 2278- 8948, Volume-4 Issue-2, 2015.
15. Shraddha Hule, Bindu R , Deepa Vincent, "Sensorless Vector Control of Three Phase
Induction Motor"International Conference on Advances in Communication and
Computing Technologies (ICACACT 2014), 978-1-4799-7319- 4/14/\$31.00 ©2014
IEEE, 10,11 August 2014 (DOI: <u>10.1109/EIC.2015.7230749</u>)
16. Mahesh Kumbhar, Bindu R , AbhilashWalavalkar, "Magnetostatic Analysis and Power
Optimization of Electric Release Brake," International Conference on Magnetics,
Machines & Drives (AICERA-2014 iCMMD);978-1-4799-5202- 1/14/\$31.00 ©2014
IEEE, 24 th , 25 th , 26 th July 2014 (DOI: <u>10.1109/AICERA.2014.6908234</u>)
17. Amol Shivnath Karpe, Bindu R "Design and Analysis of Space Vector Modulated Cascaded H-Bridge Multilevel Inverter for large IM Drives", 3 rd International Conference
on Global Technology Initiatives, Rizvi College of Engg., Bandra, March 29 th ,30 th 2014
18. Ramchandra Bhosale, Bindu R "Indirect Vector Control of Induction motor using Fuzzy
Logic Controller," 'International Conference on Advances in Engineering and
Technology, ICAET-2014, Jan 8,9 th 2014
19. Ruchi Harchandani, Bindu R "Automation of Kiln Motor Drive in cement Industry
using PLC and SCADA", 'International Journal of Engineering Research & Technology
(IJERT)ISSN: 2278-0181, Jan 2014
20. Harshada C Bhosale, Bindu R, "Review of DTC Scheme with Component Minimized
VSI emulating the Operation of Six Switch Three Phase Inverter," National Conference
on Technologies for Developing Nations at L.T.C.O.E, Koparkhairane, Oct 12th 2013
21. Mahesh Kumbhar, Bindu R , "Importance of Power Electronic Converters in Electric and
Hybrid Electric Vehicles," National Conference on Technologies for Developing Nations
at L.T.C.O.E, Koparkhairane, Oct 12th 2013
22. ShraddhaHule, Bindu R, RamchandraBhosale, "Review of Converter Topologies for
Switched Reluctance Motor Drives," National Conference on Technologies for
Developing Nations at L.T.C.O.E, Koparkhairane, Oct 12th 2013
23. Juber Shaikh, Bindu R "Flux optimization for Indirect Vector Control of Induction
Motor," 'Published in International Journal of Global Technology Initiatives.ISSN

(Print); 2277-6591. ISSN (Online): 2320-1207. 2nd International Conference on Global Technology Initiatives, Rizvi College of Engg., Bandra, March 2013.

- 24. **Ruchi Harchandani**, **Bindu R** "Automation of Raw mill Drive in Cement Industry using PLC and SCADA", '*National* International Conference, RACEM 2013, Vidyalankar Institute of Technology, Mumbai Jan 11,2013
- 25. **Ruchi Harchandani, Bindu R** "Efficient Speed Control of motors using variable frequency drive in cement industry", *'National level conference,OPTEST-12,* BannariAman Institute ofTechnology', April 20,2012
- 26. Deepa Vincent, **Bindu R** "Design of Induction Motor in Windows Platform "*National Conference*,*NCNTE 2012*, Feb 25,2012
- 27. **Divya M, Bindu R** "Research on distribution network reconfiguration" *National Conference,NCNTE* 2012, Feb 24,2012
- 28. **Bindu R, Poornima Rao, Harshada Bhosale**, Vipin Sawant "Protection of IM using PLC" *NEEC 2011*, Delhi Technical University, Dec 17,2011
- Bindu R and Deepa Vincent "Application of Fuzzy logic in Speed Control of Induction Motor- A case study" NCAPS 11,K.K. Wagh Institute of Technology, Nashik ,Dec 03,2011
- Bindu R and Divya M "Reactive Power Compensation and Harmonic mitigation in Distribution System," *Published in Zenith 2011*, Nov 21, 2011, by Agnel Polytechnic, pp. 302-310.
- 31. **Bindu R**, and **Ruchi Harchandani**"Automation of Motors in Cement Industry using PLC," *Zenith 2011* by Agnel Polytechnic,Nov 21, 2011
- 32. **Bindu R ,Poornima Rao**, Vipin Sawant "Closed loop control of slip ring IM using PLC," *NCAPS 09*, K.K Wagh Institute of Technology, Nashik,2009
- 33. **Bindu R, Poornima Rao**, Vipin Sawant "PLC based control of pole changing Induction Motor," *NCIEES 09*, PSG college of Technology.Coimbatore, August 2009.
- 34. **Bindu R, Poornima Rao, Preetha.P.K**, VipinSawant "PLC based master controller for slip ring Induction Motor,"
 - NCAM 2007, Fr.CRCE, Bandra, Oct 2007

17. Invited Lectures in FDP/ STTP:

- Speaker (Topic: Power Conversion system in EV Application with Hybrid Energy Storage System) for Short Term Training Programme on Power Electronics and Drives organized by the Department of Electrical Engineering, Agnel Charities' Fr. C. Rodrigues Institute of Technology from 31st October to 5th November 2022.
 - Speaker (Topic: Introduction to Electric Vehicle Technology) for Short Term Training Programme on "Electric and Hybrid Electric Vehicle Technology" organized by Department of Electrical Engineering, FCRIT, Vashi during June 18-23 of 2018.
- Hands on Training sessions are conducted for AICTE sponsored short term training program on "MATLAB, ETAP and their Applications" from 07/01/2008 to 11/01/2008 at Fr. C. Rodrigues Institute of Technology, Vashi.

Hands on Training sessions are conducted for the short term training program on "PLC and Industrial Automation" from 07/08/2008 to 11/08/2006 at Fr. C. Rodrigues Institute of Technology, Vashi.

 18. International Conference Technical Program Committee Member / Reviewer: Reviewer in ICNTE 15, 17, 19, 21, 23, Tap Energy 15, 17, ITEC India 17, IETE, IEEE, Elsevier: Journal of Energy Storage, Energy, e-Prime: Advances in Electrical Engineering, Electronics and energy, Springer-TEEM, IACTM-2024, FUEE Electronics and Energetics.