

BIO-DATA



Dr. Bindu R

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|----------------------------------|---|--|--------------------------------|--------------------------------------|------------------------------------|
| 1. | Name | Dr. Bindu R | | | |
| 2. | Designation | Associate Professor | | | |
| 3. | Residential Address | AL-6-2-4, Ashiana Apartments, Sector-5, Airoli, Navi Mumbai-400708 | | | |
| 4. | Date of birth | 23-03-1968 | | | |
| 5. | Total Experience | 28 | | | |
| i. | Teaching | 28 | | | |
| ii. | Industrial | -- | | | |
| 6. | Qualifications | | | | |
| | Exam Passed | Year | Institution/ University | Branch/Specialization | Percentage/CGPI |
| | B.Tech. | 1990 | Univ. of Kerala | Electrical & Electronics Engineering | 74.5% |
| | Qualified GATE 1990 | | | | |
| | M.Tech. | 1992 | REC (now NIT) Calicut | Electrical Engineering (Energetics) | 64% + Dissertation-Excellent grade |
| | Ph. D. (Electrical) | 2020-2021 | University of Mumbai (FCRIT) | Electrical Engineering | --- |
| Additional Qualification: | | | | | |
| 7. | Employment Record | | | | |
| | Institution | Year (From To) | | Designation | |
| | Fr. C. Rodrigues Institute of Technology, Navi Mumbai | Oct.2010 to till date | | Associate Professor | |
| | Fr. C. Rodrigues Institute of Technology, Navi Mumbai | April 2006 to Sep.2010 | | Assistant Professor | |
| | Fr. C. Rodrigues Institute of Technology, | May 2002 to April 2006 | | Sr. Lecturer | |
| | Fr. C. Rodrigues Institute of Technology, | August 1996 to May 2002 | | Lecturer | |
| | Amrutvahini College of Engg.,Sangamner, Ahmed Nagar | Feb 1996 to 1996 Aug. | | Lecturer | |
| | Pravara Rural Engg.College,Loni, Ahmed Nagar | July 1994 to Sep. 1995 | | Lecturer | |
| 8. | Undergraduate / Postgraduate Teaching Experience and Subjects Taught | | | | |
| | Subjects Taught at UG level | | | | |

| Sr.No. | Name of Subject | Semester | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--|--|--------------|---------------------|--|---------|--------------------|-----------------|--------|--|--|--|--|--|--|--|--------|------------------------------|---------------|--------------|------|--------------------------|----|----------------------|--|-------|------|--|----|--------------------------------|--------------------------|-------|------|---|----|----------------------|--|-------|------|--|--------|----------------------------------|-----------------|--------------|------|--|--|--|--|--|
| 1 | Drives and Control | VII | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Electrical Machine Design | VII | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Computer Application in Power System Analysis | VI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Protection and switchgear Engineering | VI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Electrical Machines III | VI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Power Transmission | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Electrical Machines II | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Element of Power System | IV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Electrical Machines I | III | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Electrical Networks | III | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Electrical AC Machines I | IV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subjects Taught at PG level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr.No. | Name of Subject | Semester | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Electrical Machine Modelling and Analysis | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Advanced Machine Drives | II | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Electrical Drives and Control | II | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. | Research Experience: Guided 18 M.E projects (7 completed and one in process). Guided more than 20 B.E. projects. Done Research work in Design and Control Aspects of Power Conversion System for Electric Vehicles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Research Funding / Consultancy Services: <table border="1"> <thead> <tr> <th>Sr.No.</th> <th>Name of the Company</th> <th>Address</th> <th>Product</th> <th>Consulting Service</th> <th>Consulting Fees</th> <th>Period</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Research Grants: <table border="1"> <thead> <tr> <th>Sr.No.</th> <th>Name of Funding Organization</th> <th>Type of Grant</th> <th>Amount (Rs.)</th> <th>Year</th> <th>Name of Research Project</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>University of Mumbai</td> <td>Minor Research Grant APD/237/447 of 17th Nov. 2012</td> <td>23000</td> <td>2012</td> <td>Hardware Implementation of Indirect Vector Control of Induction Motor with Flux Optimisation</td> </tr> <tr> <td>02</td> <td>Institution of Engineers India</td> <td>R&D (Doctoral) DR2017007</td> <td>70000</td> <td>2017</td> <td>Design and Control of Power Conversion System for Electric Vehicles</td> </tr> <tr> <td>03</td> <td>University of Mumbai</td> <td>Minor Research Grant APD/237/323 of 27th Mar. 2018</td> <td>23000</td> <td>2018</td> <td>Power Management in Battery Electric Vehicle</td> </tr> </tbody> </table> Technical Collaboration / Lab Funding with Industries <table border="1"> <thead> <tr> <th>Sr.No.</th> <th>Name of the Funding Organization</th> <th>Type of Support</th> <th>Amount (Rs.)</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | | Sr.No. | Name of the Company | Address | Product | Consulting Service | Consulting Fees | Period | | | | | | | | Sr.No. | Name of Funding Organization | Type of Grant | Amount (Rs.) | Year | Name of Research Project | 01 | University of Mumbai | Minor Research Grant APD/237/447 of 17th Nov. 2012 | 23000 | 2012 | Hardware Implementation of Indirect Vector Control of Induction Motor with Flux Optimisation | 02 | Institution of Engineers India | R&D (Doctoral) DR2017007 | 70000 | 2017 | Design and Control of Power Conversion System for Electric Vehicles | 03 | University of Mumbai | Minor Research Grant APD/237/323 of 27th Mar. 2018 | 23000 | 2018 | Power Management in Battery Electric Vehicle | Sr.No. | Name of the Funding Organization | Type of Support | Amount (Rs.) | Year | | | | | |
| Sr.No. | Name of the Company | Address | Product | Consulting Service | Consulting Fees | Period | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 01 | University of Mumbai | Minor Research Grant APD/237/447 of 17th Nov. 2012 | 23000 | 2012 | Hardware Implementation of Indirect Vector Control of Induction Motor with Flux Optimisation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 | Institution of Engineers India | R&D (Doctoral) DR2017007 | 70000 | 2017 | Design and Control of Power Conversion System for Electric Vehicles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 | University of Mumbai | Minor Research Grant APD/237/323 of 27th Mar. 2018 | 23000 | 2018 | Power Management in Battery Electric Vehicle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr.No. | Name of the Funding Organization | Type of Support | Amount (Rs.) | Year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 11. | Professional Societies Fellowship / Membership ISTE membership, IEI Membership, IETE Fellow Membership | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Achievements / Awards / Position | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | 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. No. | Name of Student | Title of the Project | Year | Status |
|------------|---|--|-----------|-----------|
| 01 | Ruchi Harchandani | Automation of Motors for Cement Industry using PLC and SCADA | 2011-2012 | Completed |
| 02 | Divya M. | Performance Improvements in Distribution Systems | 2011-2012 | Completed |
| 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 | 2012-2013 | Completed |
| 07 | Shraddha Hule | Sensorless Vector Control of Three Phase Induction Motor | 2013-2014 | Completed |
| 08 | Mahesh Kumbhar | Design of Electric Release Brake | 2013-2014 | Completed |
| 09 | Shabin Thomas | Design and Analysis of Induction Motor 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 | 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 | | 2020- | Ongoing |
| 14. | Short Term Training Programmes attended <ol style="list-style-type: none"> 1. Basic AC Drive, 05-06 Nov. 2001, Control and Automation Business Unit, L&T. 2. DSP hardware and software in Power Electronics, IIT, Mumbai, May 5-16, 2003. 3. Electric Power Quality, IIT, Kanpur, IEEE, UP section, 9-10 Nov 2004. 4. Power Plant Training, Tata Power Plant, Trombay and Dharavi Substation in Nov 2005. 5. PLC for Advanced AC motor Controls, Advanced Training Institute, Mumbai, 20-31 July 2009 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, FCRIIT, 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. | | | |

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|-------------------|---|
| | <ol style="list-style-type: none"> 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. |
| <p>15.</p> | <p>List of Journal Papers Published</p> <ol style="list-style-type: none"> 1. AM Basha, P Janardhanan, R Bindu, "PC-based protective relaying algorithms for generator using digital filters," <i>International Journal of Electrical Engineering Education</i>, Manchester U P, Great Britain, Volume: 31 issue: 1, page(s): 46-53, Issue published: January 1, 1994, https://doi.org/10.1177%2F002072099403100105 2. Basha, A. M., P. Janardhanan, and R. Bindu. "PC-based protective relaying algorithms for transmission lines using digital filters." <i>Indian Journal of Power and River Valley Development</i> 44 (1994): 387-387. 3. Bindu R, Mini N “Tuning of PID Controller for DC Servo Motor using Genetic Algorithm,” <i>International Journal of ETAE</i>, March 20, 2012, ISSN 2250-2459. 4. 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 5. Amol Karpe, Bindu R “A Comparison of Conventional and Multilevel Inverter for 2.3 kV Induction Motor Drives,” <i>International Journal of Advances in Electrical and Electronics Engineering Vol.2, No.1, ISSN 2319-1112 Feb 2013</i> 6. 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 7. 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 8. 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. 9. R. Bindu and Sushil Thale, Power Management Strategy for an Electric Vehicle Driven by Hybrid Energy Storage System, <i>IETE Journal of Research</i>, Taylor & Francis, Mar 2020. https://doi.org/10.1080/03772063.2020.1729257 10. Bindu, R., Thale, S., Performance Analysis of Power Sharing Control Strategies for Battery/Ultracapacitor Hybrid Energy Storage Based Electric Vehicle, (2020) <i>International Review of Electrical Engineering (IREE)</i>, 15 (5), pp. 382-393. doi: https://doi.org/10.15866/iree.v15i5.18404 |
| <p>16.</p> | <p>List of Papers Published in National and International Conferences (list in IEEE format)</p> <ol style="list-style-type: none"> 11. Bindu R, Poornima Rao, Preetha.P.K, VipinSawant “PLC based master controller for slip ring Induction Motor,” <i>NCAM 2007</i>,Fr.CRCE, Bandra,Oct 2007 12. Bindu R, Poornima Rao, VipinSawant “PLC based control of pole changing Induction Motor,” <i>NCIEES 09</i>,PSG college of Technology.Coimbatore,August 2009. 13. BinduR ,Poornima Rao, VipinSawant “Closed loop control of slip ring IM using PLC,” <i>NCAPS 09</i>,K.K Wagh Institute of Technology, Nashik,2009 14. Bindu R, and RuchiHarchandani“Automation of Motors in Cement Industry using PLC,” <i>Zenith 2011</i> by Agnel Polytechnic,Nov 21, 2011 15. Bindu R and Divya M “Reactive Power Compensation and Harmonic mitigation in Distribution System,”<i>Published in Zenith 2011</i>,Nov 21,2011, by Agnel Polytechnic, pp. 302-310. |

16. 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
17. Bindu R, Poornima Rao, Harshada, Vipin Sawant "Protection of IM using PLC" *NEEC 2011*, Delhi Technical University, Dec 17, 2011
18. Divya M, Bindu R "Research on distribution network reconfiguration" *National Conference, NCNTE 2012*, Feb 24, 2012
19. Deepa Vincent, Bindu R "Design of Induction Motor in Windows Platform" *National Conference, NCNTE 2012*, Feb 25, 2012
20. Ruchi Harchandani, Bindu R "Efficient Speed Control of motors using variable frequency drive in cement industry", '*National level conference, OPTTEST-12*, Bannari Aman Institute of Technology', April 20, 2012
21. Ruchi Harchandani, Bindu R "Automation of Raw mill Drive in Cement Industry using PLC and SCADA", '*National International Conference, RACEM 2013*, Vidyalkar Institute of Technology, Mumbai Jan 11, 2013
22. 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.
23. Shraddha Hule, Bindu R, Ramchandra Bhosale, "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
24. 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
25. 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
26. 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
27. 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, 9th 2014
28. Amol Shivnath Karpe, Bindu R "Design and Analysis of Space Vector Modulated Cascaded H-Bridge Multilevel Inverter for large IM Drives", 3rd International Conference on Global Technology Initiatives, Rizvi College of Engg., Bandra, March 29th, 30th 2014
29. Mahesh Kumbhar, Bindu R, Abhilash Walavalkar, "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, 24th, 25th, 26th July 2014 (DOI: [10.1109/AICERA.2014.6908234](https://doi.org/10.1109/AICERA.2014.6908234))
30. 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: [10.1109/EIC.2015.7230749](https://doi.org/10.1109/EIC.2015.7230749))
31. 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 (IJAE), ISSN (Print): 2278-8948, Volume-4 Issue-2, 2015.
32. 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 (IJAE), ISSN (Print): 2278-8948, Volume-4 Issue-2, 2015.
33. 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: [10.1109/GET.2016.7916835](https://doi.org/10.1109/GET.2016.7916835))
34. 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.

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| | <p>35. 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: 10.1109/ICNTE.2017.7947907)</p> <p>36. 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)</p> <p>37. 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).</p> <p>38. 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).</p> <p>39. 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).</p> <p>40. 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)</p> |
| 17. | Books/Reports/General articles etc. Nil |
| 18. | Invited Lectures in FDP/ STTP: 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. |
| 19. | International Conference Technical Program Committee Member / Reviewer: Reviewer in ICNTE 15, 17, 19, 21, Tap Energy 15, 17, ITEC India 17, IETE, IEEE |
| 20. | Patents: Nil |