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| Name | Md Abdul Raheman | | |
|  | Designation | Assistant Professor | |
| | Email | mararkeri@nitte.edu.in | |
| | Contact No. | 9449979015 | |
| | Joining Date | 15/03/2015 | |
| Educational Qualifications | | | |
| M.E | | | |
| | Specialization | Power and Energy Systems | |
| | University | Bangalore University | |
| | Year | 2012 | |
| B.E | | | |
| | Specialization | Electrical and Electronics Engineering | |
| | University | Visvesvaraya Technological University | |
| | Year | 2009 | |
| Areas of Interest | | | |
| 1. | Control System design | | |
| 2. | Mathematical Modeling of ECGs | | |
| 3. | Application of Power Electronics to Power Systems | | |
| Departmental Responsibilities | | | |
| 1. | Seminar In-charge | | |
| Professional Memberships | | | |
| 1. | Society of Automobile Engineers | | |
| Subjects Handled | | | |

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| 1. | Generation, Transmission and Distribution |
| 2. | Transformers and Induction Machines |
| 3. | Basic Electrical Engineering |
| 4. | Power System Analysis and Stability |
| 5. | FACTS |
| 6. | Power System Operation and Control |
| 7. | Application of Power Electronics to Power Systems |
| 8. | Electric Drives |
| 9. | Micro Electro Mechanical Systems |
| B.E., M. Tech, PhD projects guided Details (Name of the Project/ Name of students/ Year) If you don't have the details kindly mention the number of Projects Guided year wise | |
| M.Tech | |
| 1. | Design, Simulation and Implementation of Dual Input DC/DC Converter, Sushmita N Shetty, 2016-17 |
| 2. | Embedded System Design for Prototype Actuator with Hydraulic Displacement Amplification, Sushith K, 2015-16 |
| 3. | Design and Implementation of Voltage Driven Piezo Stepping Actuator, Ashwin Frank Lobo, 2015-16 |
| 4. | Field Monitoring System and Agriculture Expert System for Farming Sector using ARM, Praveen Rao M S, 2014-15. |
| B.E | Total number of projects guided : 06 |
| 1. | Arduino based Robotic Arm with Three Degrees of Freedom, Elton L Monteiro, Harsh Dhingani, Nitesh Kumar and Prithvi Shetty, 2017 |
| 2. | Stand-Alone Hybrid Renewable Energy System, Pratiksha N Madivala, Swasthik and Vishal Kumar, 2015 |

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| 3. | Speed Control of Three Phase Motor using VFD Method, Akshay Y Salian, K Rahul, Pavan K Shet and Praveen S, 2014 |
| 4. | Tariff Based Energy Monitor System, Kavya K Rao, Rachitha M V, Jivitha A and Supriya, 2014 |
| Conference/Journal publications | |
| Kindly follow the format (Author(s) / Title/ Journal Name / Vol/ Issue /Date/Page) | |
| International Journals | |
| 1. | Ashwin Frank Lobo, Md Abdul Raheman, Muralidhara, RathnamalaRao, "Design Considerations of Piezo Stepping Actuator", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Special Issue 9, May 2016, pp679-684. DOI:10.15680/IJIRSET.2016.0505614 |
| 2. | Sushith K, Md Abdul Raheman, Muralidhara, RathnamalaRao, "Tracking Error Reduction of APA230L using Feed forward-Feedback Control System", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Special Issue 9, May 2016. DOI:10.15680/IJIRSET.2016.0506501. |
| International Conferences | |
| 1. | Sushmitha N Shetty and Md Abdul Raheman, "Modelling Of Dual Input DC/DC Converter for Hybrid Energy Systems", 2 nd IEEE International conference on recent trends in Electronics, Information & Communication Technology (RTEICT-2017). |
| National Conferences | |
| 1. | Praveen Rao M S, Md Abdul Raheman, "Field Monitoring System and Agriculture Expert System using Arm Processor, Nation Joint Conference on Innovations in Engineering and Technology (NJCET-15), Canara college of engineering, |

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| | Benjanapadavu. |
| 2. | Sudhakar C. J., andMd Abdul Raheman, "Heuristic Approach for the Optimal Placement and Allocation of PMU with Observability", Advanced Technologies in Electrical and Electronic Systems Special Issue (2014): 323. |
| Additional Information (Major Workshops /STTPs / FDP Organized attended /, Resource Person in FDP/STTP/ Workshop, Member of Review committee in Journal, Research / Consultancy Activity associated) | |
| 1. | Delivered a lecture on hands-on sessions on "Simulink-Arduino Interfacing" in a five day FDP on Control of Power Electronic Converters organized by Dept. of EEE, NMAMIT during 17 th – 21 st July 2017. |
| 2. | Delivered a lecture on "Actuation and Control of Piezoactuators in a two-day TEQIP funded FDP on Modeling, Simulation and Applications of Piezoactuators organized by Dept. of Mechanical Engineering, NMAMIT on 20 th March 2017. |
| 3. | Delivered a lecture on "Introduction to M series DAQ and cRIO in a three-day TEQIP funded FDP on Application of LabVIEW to Automation and Robotics organized by Dept. of EEE, NMAMIT on 27 th July 2016. |
| 4. | Invited as a resource person for a two-day TEQIP sponsored workshop on "Transform Techniques and MATLAB applications organized by Dept. of Mathematics, NMAMIT during 16 th -17 th of April 2015. |
| 5. | Co-coordinator of five day FDP on Control of Power Electronic Converters organized by Dept. of EEE, NMAMIT during 17 th – 21 st |

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| | July2017. |
| 6. | Coordinator of three-day TEQIP funded FDP on Application of LabVIEW to Automation and Robotic organized by Dept. of EEE, NMAMIT on 27 th July2016. |
| 7. | Attended summer school on Power Electronics, IIT Gandhinagar, June 20- July 02, 2016. |
| 8. | Attended a FDP on Theory and Modelling of VSC based FACTS and HVDC Controllers, Dept of EEE, NMAMIT, Nitte, July 21-25, 2014. |
| 9. | Attended a STTP on Design and Simulation of MEMS Devices, Dept of ME, NMAMIT, Nitte, June16-20,2014. |