


DEPARTMENT OF ELECTRICAL ENGINEERING

Name	Mr. IMRAN ALTAF PATEL	
Designation	Assistant Professor	
Date of Birth	16/12/1989	
Highest Qualification	M.E ELECTRICAL	
Specialisation	CONTROL SYSTEMS	
Teaching experience	07 Yrs	
Industrial Experience	Nil	
Email id	imranip16@gmail.com	
Date of joining	11/07/2011	

No .of Papers presented/published (National/ International conferences)	06
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Details	<p>National Conference 1) Lyapunov function based current controller to control active and reactive power flow from renewable energy source to three phase microgrid system with harmonic reduction, NPECE-2016, 23-24 December 2016.</p> <p>IEEE Conference 1) Transient response improvement of DC to DC converter by using auto tuned PID controller , ICICCT 2018, During 20-21 April 2018. 2) Design and implementation of ultra fast acting electronic circuit breaker for protection against various abnormal condition, ICICCT 2018, During 20-21 April 2018.</p> <p>International conference 1) Design of lyapunov function based current controller to control active and reactive power flow from renewable energy source to generalized three phase microgrid system , ICRTEE-15, 22-23 April 2015. 2) Fault tolerant operation in Soft Starter for induction motor, 6-7 March 2013.</p> <p>International journal 1) lyapunov function based current controller to control power flow from renewable energy source to microgrid system, IJATES, ISSN-2348-7550, FEB 2015.</p>
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No.of seminars	Nil
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No.of STTP/Workshops	06
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Details	<p>1) Participated in Two week ISTE STTP on Electric power system conducted by IIT, kharagpur, 2017</p> <p>2) Participated in National level Workshop on Emerging technologies in smart grid. At K K Wagh college of engg. Nashik.</p> <p>3) Participated in one day workshop on MATLAB applications in electrical project design by MATHWORKS.</p>
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	<p>4) Participated in two days workshop on ETAP software at sspm college of engineering.</p> <p>5) Participated in STTP on advanced Digital signal processing</p> <p>6) Participation in two day workshop on NBA Accreditation.</p> <p>.</p>
No.of projects guided at UG level	07
Details	<ol style="list-style-type: none"> 1. A Grid connected PV System based on series Z-Source inverter 2. Power management in microgrid by using Back to Back converter. 3. Reliability improvement in microgrid by Fault Detection and Isolation. 4. Smart Energy meter. 5. Design of Pass breaker for substation. 6. Transient response improvement of DC to DC converter by auto tuned PID Controller. 7. Design and Implementation of ultra Fast acting electronic circuit breaker for protection against various abnormal conditions.
Membership in Professional Bodies	NIL
Research / Sponsored / Consultancy Projects	NIL
Awards / Honours / Prizes	NIL
No.of Books published	NIL
Details	NIL