

Imran sharieff M

PERSONAL DATA

DATE OF BIRTH: 23 August 1987
PRESENT ADDRESS: 5396/1, MHC, Manimajra, Chandigarh.
PERMANENT ADDRESS: 14/5/16, R.K.Raopeta, Kakinada, Andhra Pradesh.
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EDUCATION

- JANUARY 2012-Cont Doctor of Philosophy, **Indian Institute of Technology Ropar**, Rupnagar
Department of Electical Engineering, Major : POWER SYSTEMS
Thesis title : "Synchrophasor Assissted Voltage Stability Assessment & Control"
Status :Thesis submission scheduled in January 2017
Thesis Advisor: Dr. Ranjana Sodhi
COURSE WORK CGPA: 8.05/10.00
- JULY 2008-10 Master of Technology, **National Institute of Technology Jamshedpur**, Jamshedpur
Department of Electical Engineering, Major : POWER SYSTEMS
Thesis title : "Improved fast evolutionary programme for Economic Load Dispatch"
Thesis Advisor: Dr. U.K. Sinha
CGPA: 7.93/10.00
- JUNE 2004-08 Bachelor of Engineering, **CRR College of Engineering, Eluru**, Andhra Pradesh
Affiliated to ANDHRA UNIVERSITY, Visakhapatnam, Andhra Pradesh.
Department of E.E.E, Branch : ELECTRICAL & ELECTRONICS ENGG.
Project title : "Fabrication of Linear Induction Motor"
Thesis Advisor: Mr. Srinivas
- MARCH 2002-04 **Intermediate Board of Andhra Pradesh**, Hyderabad
Stream: Maths, Physics & Chemistry%
- MARCH 2002 **Senior Secondary Board of Andhra Pradesh**, Hyderabad
Stream: All

PUBLICATIONS

JOURNALS: Selected

1. R. Sodhi and M. I. Sharieff, "Phasor measurement unit placement framework for enhanced wide-area situational awareness," in IET Generation, Transmission & Distribution, vol. 9, no. 2, pp. 172-182, 1 29 2015.
2. I.Sharieff and Ranjana Sodhi, "Synchrophasor-Assisted Detection and Control of Emergency Voltage Instability Conditions", CPRI Journal, issue. Sep. 2016.
Under Review
3. I.Sharieff and Ranjana Sodhi,"A Unified Voltage Stability Assessment Scheme",in IET Generation, Transmission & Distribution. (Under Review)
4. I.Sharieff and Ranjana Sodhi,"Strategic allocation of FACTS for Voltage Instability prevention", in IEEE Transactions on Power Systems (Under Review).

CONFERENCES: National & International

1. Md. Imran Sharieff and Ranjana Sodhi, "PMU Measurements based Voltage Stability Assessment," National Power System Conference 2012, IT-BHU.
2. I.Sharieff and R Sodhi,"A Synchrophasor Assisted Voltage Stability Indicator", IEEE Conference on Innovative Smart Grid Technologies 2014, Kuala Lumpur.
3. Md. Imran Sharieff, M Prasad, K Satish and Ranjana Sodhi,"Implementation and Evaluation of a Labscale Synchrophasor Model and Applications", National Power System Conference 2014, IIT Guwahati, Dec. 2014.
4. Jatin Verma, Imran Sharieff and Ranjana Sodhi,"A Meticulous Approach towards Contingency Clustering in Power Systems" IEEE PIICON 2016, Govt. Engg. College, Bikaner, Rajasthan. Nov 2016.

TEACHING EXPERIENCE

JULY 2011- DEC 2011: *Assistant professor* in Electrical Dept. at Sri Aditya Engg. College, Surampalem, Kakinada, Andhra Pradesh.

DEC 2010- JUNE 2011: *Assistant professor* in Electrical Dept. at Lords Institute of Engineering and Technology, Himayatsagar, Hyderabad.

SCHOLARSHIPS AND ACHIEVEMENTS

JAN 2012-17 Institute Research Scholar Fellowship (Rs 18,000 (Before Revision)- 30,000 (After Revision))

JULY 2008-10 MHRD Scholarship during M.Tech

GATE 2007 All India Rank of 474 in EE stream.

LANGUAGES

URDU: Mother tongue
ENGLISH: Fluent
TELUGU: Fluent
HINDI: Fluent

COMPUTER SKILLS

Basics : Windows, LINUX, ubuntu, \LaTeX , Excel, Word, PowerPoint
Research oriented: MATLAB, PSCAD, Python, Power world, Basics in RSCAD & EUROSTAG.

RESEARCH INTERESTS

- Wide area monitoring and control systems
- Application of optimization techniques to power systems
- Voltage stability assessment and control
- Issues in Smart Grid and Microgrids

TEACHING INTERESTS

- Power Systems
- Basics of Electrical Engg.
- Electrical Machines

REFERENCES

- Dr. Ranjana Sodhi (Thesis Supervisor), *Asst. Professor*, IIT Ropar. email: rsodhi@iitrpr.ac.in
- Dr. C.C Reddy, *Asso. Professor*, Senior Member of IEEE, IIT Ropar. email: reddy@iitrpr.ac.in

- Dr. Ravibabu.M, *Asso. Professor*, IIT Ropar. email: ravi@iitrpr.ac.in