



Resume

1. **Name** : Mr.Prashant Kumar
2. **Designation** : Assistant Professor
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3. **Address for Correspondence**:Ashokrao Mane Group of Institutes
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4. **Date of Birth** : 02.06.1985
5. **Nationality** : Indian
6. **Educational Qualification**:

Sr. No.	Name of Examination	Name of Institute	Board/University	Year of Passing	Marks/CGPA and Class Obtained
01	M-Tech	SRM	SRM University	2013	8.56 , First
02	B-Tech	HETC	WBUT	2009	8.24 , First
03	10+2	DAV	CBSE	2003	76.66 % , First
04	10	DAV	CBSE	2001	83.40 % , First

7. **M-Tech (Dissertation) Title**: Reactive Power control and Cost minimization in Optimal Power Flow based on PSO.
8. **Industrial Experience**: 2 Years
9. **Teaching Experience**: 1 Year
10. **Subject Taught**:

U.G. Classes

- i. Basic Electrical Engineering
- ii. High Voltage Direct Current
- iii. Extra High Voltage Alternating Current
- iv. Digital System and Microprocessor

11. **U.G. Project Guided:** One Batch (5 Members)
12. **Co-Guided:** One Batch (5 Members)
13. **Details of Publications:**

Publications in Journals

1. **Prashant Kumar**, Rahul Bosu, ShipraKumari, "Sludge Detection in the Oil of an Electrical Transformer Using OM4 Optical Fibre", *International Journal of Engineering Research and Technology*, ISSN: 2278-0181, Vol. 1 (10), 2012.
2. **PrashantKumar**, V.Dubey, D. Sharma, "Optimal Power Flow Based on PSO in Electrical Power System",ISSN: 2319-1112V2NI:225-234, *International Journal on Advances in Electrical and Electronics Engineering*, vol-2, pp.225-234, 2012.
3. **Prashant Kumar** "Enhancement of Power quality by an application of DVR" *IOSR Journal of Electrical and Electronics Engineering*, ICAET-2014, e-ISSN: 2278-1676, p-ISSN:2320-3331, Nagpur.
4. **Prashant Kumar**, AnandKumbhar, M.B Shellar, "Enhancement of Power quality by an application of DVR" *Scinteficia library*.

Publications International Conferences Proceedings

1. A.A.Christy,P.A.D.V.raj, **Prashant.Kumar**,"Reactive Power Optimization Based On PSO and Considering Voltage Security in A Pratical Power System", *Proc. Of IEEE,INCOSSET 2012,ISBN:978—4673-5144,pp.493-499*
2. **Prashant Kumar**, Rahul Bosu, ShipraKumari "Cost Minimization using Optimal Power Flow Based on PSO", *International Conference on Advances in Electrical and Electronics Engineering*, pp.9-14, December 2012.
3. A.A. Christy, P.A.D.V.raj, K.Balamurugan, **PrashantKumar**,"Reactive Power control and Real Power loss minimization using Particle Swarm Optimization", *ICES-145,pp.19,2012*.
4. S Yogendra Reddy, **PrashantKumar**,SBharat,VedalaRamanujan "A DistributionPower Electronic Transformer for Medium Voltage Application",in *proceeding of NUiCone2012,Ahmedabad,12/2012*.
5. **Prashant Kumar**,Subir Biswas and ShipraKumari "Building Integrated Photovoltaic Generation System", *Proc. Of IEEE, ICONCE 2014,974-1-4799-3338-9/14/\$31.00 @2014 IEEE*.

Publication in National Conference Proceedings

1. **Prashant Kumar** ,Christy A.A., Rahul Bosu, "Optimal Power Flow Based on PSO", *National Conference on Power System Power Electronics and Drives (PSPED)-2013,pp.75-80, March 2013*.
2. **Prashant.Kumar**, V.Dubey, Rahul Bosu, "PSO for Optimization of Harmonic in Multilevel Inverter" *National Conference on Power Electronics Systems & Applications*, pp.15, March 2013.

3. **Prashant Kumar**, Shipra Kumari, Rahul Bosu, Vikas Dubey, "Building Integrated Photovoltaic Generation System", *Proceedings Of National Conference On Green Energy*, pp.148-151, 2013.
4. **Prashant Kumar** "Development and Testing of Boost Converter" *National Conference on Power System Power Electronics and Drives (PSPED)-2013*.
5. **Prashant Kumar**, Amruta S. Mane, Priyanka P. Patil, Rohan M. Hatkar, Narayan P. Pangam and Siddhesh V. Sawant "Application of FACTS Devices Via STATCOM and SVC with Comparison" *Proceedings of National Conference on Emerging Technologies of Electrical and Electronics Engineering*, 07/02/2014.
6. **Prashant Kumar**, Amruta S. Mane, Priyanka P. Patil, Rohan M. Hatkar, Narayan P. Pangam and Siddhesh V. Sawant "Voltage Stability Using STATCOM and SVC" *Proceedings of National Conference on Power, Energy and Control (NPEC-2014)*.

National Seminar – One, Satyabama University, Chennai-2012.

STTP- One week on Recent Trends in Electrical Energy, RIT, Kolhapur, 2011.

Workshop – One day workshop on Research orientation for "Electrical Engineering" RIT, Kolhapur-2011.

14. Area of Specialization:

- i. Power System
- ii. Control System
- iii. A.C and D.C. Machines
- iv. DSM

15. Additional Responsibilities:

- i. Departmental Coordinator for *reflex 2k14* National Level paper Presentation.
- ii. Department Coordinator for ISO Work.
- iii. SE Class Coordinator

16. Achievements:

- i. Felicitated by Chairman of Shivaji University for Paper Publication in *IEEE Journal*.
- ii. Selected as a technical program committee member for *ICRAIE – IEEE 2014* Conference at Purnima University, Jaipur.

17. Hobbies:

- i. Reading newspaper on daily basis.
- ii. Watching Movies
- iii. Playing cricket.

Above information is true and correct to the best of my knowledge and belief.

Prof. Prashant Kumar

References: 1. Dr. M.S. Chavan
Academic Dean of KIT,
Kolhapur-4161002.