

# PROF (Dr).JITENDRA SAXENA

ADDRESS- Type IV/25 MANIT, BHOPAL

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## OBJECTIVE:

1. A competent and versatile Engineering professional with 25 ++ years of commendable Academic and Engineering experience and in depth exposure to the entire engineering spectrum of Project management, Research and development, External guidelines Research in IITs seeking a leadership position to enhance and utilize the current skill sets.
2. To work in the leading innovative research organization which will provide me with a stimulating work environments and opportunities to continuously develop and to work on new innovative and creative prospective.

## SKILLS SUMMARY

**Ph.D from NIT Bhopal, M.Tech (Energy management), MBA (systems) AMIE (Elect)** Interpersonal skills of communication and networking. Proven skills of managing people, professionally equipped to handle Project formulation, implementation & execution, Industrial Relations and Research skills. Knowledge of OPTIWAVE research tool, OPNET, ALD software, RBD diagram, FMECA, FTA FEA and Risk and safety management Markov rule Reliability Prediction and analysis Managed leased line network with differentiated services. Executed challenging projects successfully in various MNC companies within time frame.

## PROFESSIONAL SKILLS with 25 + years

Optical network software skills	WDM laboratory support (IIT Delhi)
Reliability software skills	External research talk in IITs
Research and development	Teaching as Passion
Optical experiment	Electrical design and projects
Electrical experiments	Research coordination

## **ACADEMIA**

- Ph.D from **NIT** Bhopal under supervision Dr J.L Rana and Dr Aditya Goel
- M.Tech (May-June 2006) in Energy Management school of Energy and Environmental studies under supervision of Dr R.L Sawhney Advisor **TERI** and Dr. S.P Singh HOD **SEES,DAVV**
- MBA (systems) June 2002 from Institute of Management studies, **DAVV** Indore
- AMIE (Electrical) from Institute of Engineers Calcutta Winter 1997
- Diploma in Electrical Engineering from Govt Polytechnic Ujjain.1989

## **ADDITIONAL PROFESSIONAL CERTIFICATION**

- Electrical Supervisory capacity certificate and license authorized for HT and Industrial non mining Electrical establishment (issued by electrical safety department, Government of M.P.) in 2002, certificate no 6080

## **WORK EXPERIENCE IN TEACHING AND RESEARCH**

- Associate Professor/Principal in Radha Raman Group of Institute Bhopal affiliated from RGPV and AICTE from 2009 to till date.
- Sr.lecturer and Assistant Professor in Radha Raman Group of Institute affiliated from RGPV and AICTE from 2005 to 2009
- Lecturer in BITS from 2000 to 2005

## **RESEARCH PUBLICATION**

### **Six International journals, one International conference and three national conferences**

- Presented paper in proceedings of International conference for optics and Photonics (ICOP2009) held in Chandigarh 2009 with topic “*Graphical Methodology to analyze and interpret Differentiated Reliability in WDM optical network*”.
- Presented paper in National conference on Recent Advance in satellite based remote sensing technology with topic “*Optical remote monitoring System for deduction of water and methane gases causing pollution by using technique of remote sensing*”
- Paper published in proceedings National conference on Recent Advance in satellite based remote sensing technology with topic “*Global warming with the technique of Remote sensing for the collection of data with respect to Indian perspective*”.

- Paper published in proceedings National conference Recent Advance in satellite based remote sensing technology with topic “*Study of GIS services in Digital libraries*”.
- Paper published in International journal of Distributed and parallel system vol 3, Number 1, January 2012 titled “*Quality of service and reliability in optical network*”
- Jitendra Saxena, Swati Dongre, Chetan Agrawal, Localization in WSN, RGI International Journal of Applied Science & Technology, ISSN:-2230-939X, Vol. No. 01, July-2011, Page No.69-71.
- Jitendra Saxena, Reliability based Cost management in WDM optical network, RGI International Journal of Applied Science & Technology, ISSN:-2230-939X, Vol. No. 02, July-December 2013, Page No. 69-75.
- Jitendra Saxena and Aditya Goel, “Quality of Service and Reliability with Weighted Fair Queuing and Custom Queuing in Optical Communication “International Journal of Engineering Science and Technology (IJEST) ISSN: 0975-5462, Vol. 3 No. 9 September 2011 pp.6889-6893.
- Jitendra Saxena and Aditya Goel, “Reliability and Maintainability of Passive optical component “International Journal of Computer Trends and Technology- Sep to Oct Issue 2011 ISSN: 2231-2803 <http://www.internationaljournalsre.orgpp.20-23>
- Jitendra Saxena and Aditya Goel “Reliability based band width design model in wdm ring network” Advances in Wireless and Mobile Communication. ISSN 0973-6972 Volume 4, Number 2 (2011). pp.191-200 © Research India Publications.  
<http://www.ribulicationcom/awmehtml>

## **ENGINEERING AND PROJECT RELATED CORE EXPERIENCE**

- Project consultancy including electrical 11K,33K,and132KV(coordination with ABB, Siemens, Bridgestone and MPEB), mechanical and civil Engineering and Manpower consultancy in **Bridgestone Pvt Ltd Pithampur**.
- **Project consultancy in Crompton Greaves for 800 KV test lab**, Transformer division Bhopal.
- **Govt Licensing** and Liasioning project approval related work.
- **Electrical safety audit** in various companies including consultancy in Cipla Ltd.
- Senior Manager in Essen Energy Pvt Ltd.
- Project consultancy related to Electrical, Mechanical in Pratibha syntax Ltd.

## **SPECIAL ACHIEVEMENTS**

- Energy Auditing Project taken for M-Tech Thesis in Pratibha Syntax Ltd. & Ispat Ltd., (Mumbai). Worked with SITRA (Coimbatore),
- Energy saving techniques in L&T (Pithampur) with considerable amount of energy saving.
- Energy Auditing in Kahlsa Overseas Ltd. (Khandwa), with suggestions and implementation.
- Designing of Photo cell camera in Panjon Ltd for wrapping machines for Thyristor control panel.
- Assist PHD chamber of commerce and industry officials for workshop in “Green building” held in Bhopal.

## **CONFERENCE AND SEMINARS**

- Attended Short term training program on Information Security (STTP-IS-2007)  
(10<sup>th</sup> Dec – 14<sup>th</sup> Dec 2007)
- Assist highly experience Technocrats of South Indian Textile Research Association (SITRA) for Energy Audit in Pratibha Syntex Ltd.
- Attended Short term training programme in ISPAT India Ltd - (10<sup>th</sup> to 15<sup>th</sup> March 2006)  
Understanding the concept of SIMELT AC ELECTRODE REGULATION with twin shell electric arc furnace including SIMELT AC Electrode regulation with twin shell Electric arc furnace including SIMELT MDC communication with different layer of network coupling AC to MDC. C structure based program with 4 layers/Net Pro System program and 7 layers operating system module of soft launching. Transport shell connection with MAC protocol and address. *Assisted Renowned German Siemens Engineer Mr Maan for the above work.*
- Attended Short term training programme of Qualnet 5.0 including basic concept and implementation of WiMax, WiFi i.e. 802.11 and 802.16 including concept of worm hole, wired and wireless concept.

## **PERSONAL PROFILE**

Father's Name : Shri Devi Prasad Saxena

Spouse : Smt. Archana Saxena  
Date of Birth : 01<sup>st</sup> August, 1969  
Languages : Hindi and English.  
Permanent Address : 4/25 MANIT, Bhopal (Madhya Pradesh)  
Correspondence Address : 168, Krishnoday Nagar, Khandwa  
Road, Indore(M.  
Hobbies : Watching Movies, Cricket, Badminton, TT,

**Date:**

**Jitendra Saxena**

**Place:**