



## **RESUME**

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<b><u>Qualification</u></b>	B. E. (Mech.), M. E. (Prod.), Ph.D. (V.N.I.T. Nagpur)

### **PROFESSIONAL SUMMARY:**

POST	INSTITUTION	PERIOD	
		FROM	TO
Trainee Engineer	M/s Suraj Windoor Pvt Ltd MIDC, Waluj, Aurangabad	30/07/1993	28/12/1993
Engineer	M/s Videocon Appliances Ltd (Ref. Division), Aurangabad	29/12/1993	11/08/1997
Lecturer & Assistant professor	P. E. S. College of Engineering Nagsenvana, Aurangabad	12/08/1997	2009
Associate Professor, Professor	P. E. S. College of Engineering Nagsenvana, Aurangabad	2009	<i>Till date</i>

### **MEMBERSHIP OF COMMITTEES**

- Member of Indian Society for Technical Education, New Delhi

### **UNIVERSITY APPOINTMENTS**

- ✓ “Assistant Director –CAS” Dr. B. A. M. U. Aurangabad for May/June, 2006
- ✓ “Member of Vigilance Squad”, Dr. B. A. M. U. Examination, Dec/Jan 2006-07
- ✓ “Assistant Director –CAS”, Dr. B. A. M. U. Aurangabad for Nov/Dec, 2007

### **RESPONSIBILITY CARRIED OUT:**

1. In charge **Work Shop Superintendent** during 17/06/1998 to 04/09/2000

2. **Under Study** at P.E.S. College of Engineering, Aurangabad, May –June 2000 Exam.
3. **Chief Superintendent** at P.E.S. College of Engineering, Aurangabad, Nov / Dec 2004
4. **Joint Organizing Secretary in TECTRIX 07**, National level paper presentation Symposium, October 2007.
5. **Organizer “AVISHKAR 08”**, a Regional Level Multi –Event Competition at P. E. S. College of Engineering, April 2008.
6. **Chief Superintendent**, at P.E.S. College of Engineering, Aurangabad, Nov / Dec 2008
7. **Training and Placement Officer (Mech. Dept.) -16/01/2008-22/08/2012.**
8. Organizer one week STTP on **“Robotics and Automation”**, June 15-19, 2015, at P.E.S. College of Engineering, Aurangabad.
9. Member (Mech. Dept.) Research and Development Cell
10. Member Three Months **“Task Based Training”** by E-Yantra, IIT, Mumbai, 2016.

#### RESEARCH PAPERS PUBLISHED IN THE NATIONAL CONFERENCES

1. R. G. Pungle, **“Strategic Planning and Implementation of Quality System – Movement Towards World Class”**, National Conference on world class manufacturing, 26th March 2004 – B.D. College of Engineering Seagram, Wardha.
2. R. G. Pungle, **“ Performance Evaluation of a Process using Histogram and Taguchi Techniques”**, National Conference on Emerging Trends in Mechanical Engineering, 10-12 Set. 2004 at Padre Conceicao College of Engineering, Verna, Goa.
3. R. G. Pungle, **“Use of Variable Frequency Drives in HVAC Installation for Energy Savings”**, National Conference on Advance in Mech. Engineering 2<sup>3rd</sup> and 2<sup>4th</sup> April 2004 Jawaharlal Darda Institute Engineering & Tech. Yavatmal.
4. R. G. Pungle, **“Application of Mechatronics in Automobiles”**, National Conference on Emerging Trends in Mechatronics on 2<sup>3rd</sup> & 2<sup>4th</sup> July 2004 MIT Aurangabad.
5. R. G. Pungle, **“QFD – a New Way of Customer Focus Product Development Planning”**, National conference Emerging Trends in Concurrent Engineering (ETCE 2005) Jan. 2005, National Institute of Technology Rourkela (Orissa).

## RESEARCH PAPERS PUBLISHED IN THE INTERNATIONAL CONFERENCES

1. R. G. Pungle and H. T. Thorat, **“Simple Approach for Real Time Colour Based Object Recognition”**, Second International Conference on Computational Vision and Robotics (ICCV-2011) organized By IIMT in Association with IIT Roorkee and IETE, New Delhi at Bhubaneswar, Orissa, India, 14 – 15 Aug. 2011.
2. R. G. Pungle and H. T. Thorat, **“A Simplified Approach for Vehicle Recognition and Path Generation”**, IEEE International Conference on Computational Intelligence and Computing Research at Coimbatore, India, 15 - 18 Dec. 2011.
3. R. G. Pungle, H. T. Thorat and A. B. Andhare, **“Mapping Between Planes of Coplanar Points Using Stationary Camera”**, Second International Conference on Intelligent Robotics, Automation and Manufacturing, IRAM2013 at IIT, Indore, 16 - 18, Dec. 2013.
4. R. G. Pungle and A. B. Andhare, **“Position and Path Control of AGV by Global Vision Sensor”**, XII IPROMM National Workshop on Industrial problems on Machines & Mechanisms, VNIT, Nagpur, 22 - 23, Dec. 2016.

## RESEARCH PAPERS PUBLISHED IN THE INTERNATIONAL JOURNALS

1. Khan Aeman, R. G. Pungle, Khan Noman, Abdullah Kazi, **“Energy Generation by Using Ultraviolet Radiation Emitted By Electric Arc Welding”**, International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869, Volume-3, Issue-5, May 2015.
2. R. G. Pungle, **“Experimental Results of Coloured Circular Marker Radius Measurement Using a Camera Sensor”**, International Journal of Imaging and Robotics , ISSN 2231-525X, Vol.19, Issue 3, 2019.

## WORKSHOP / STTP ATTENDED

1. Four day National Work shop on **“Quality Improvement in Product and Process and Design using Taguchi Approach”** Sept. 24<sup>th</sup> -27<sup>th</sup> 2003, at JNTU, Hyderabad
2. One Week STTP Course on **“Modeling And Simulation Of Engineering Systems In Multi-Energy Domains: A Bond Graph Approach”** Jan.2006 , at Govt. College of Engineering, Aurangabad..
3. One Day work of **“BAJA SAEINDIA”** at M/s Bajaj Auto Ltd, M.I.D.C.,

Waluj, Aurangabad on 27<sup>th</sup> Jan. 2007.

4. One week STTP course on “**Manufacturing in the 21<sup>st</sup> Century**” July 20-24, 2009 at VNIT, Nagpur
5. One week STTP course on “**Classical Control Systems**” May10-15,2010 at IIT, Mumbai
6. One week STTP course on “**Total Quality Management**”, March 01-06 2011, at Hi-Tech Group of Institutions, Aurangabad
7. One week STTP course on “**Motion Planning and Coordination of Autonomous Robot**”  
May07-11, 2012 at IIT, Mumbai
8. Three Days workshop on “**Advances in Robotics**”, March 29-31,2013, at V.N.I.T., Nagpur
9. Two Days Work shop on “**Introduction to Robotics**”, Feb.19-20,2016,by E-Yantra, IIT, Mumbai at CSMS College of Engineering, Aurangabad

#### WORKSHOP /STTP CONDUCTED

1. One Week STTP on “**Robotics and Automation**”, June 15-19, 2015, at P.E.S. College of Engineering, Aurangabad

#### AREAS OF INTEREST

- ✓ **Robotics and Automation:** Automated Guided Vehicle, Mobile Robots, and Application of Machine Vision in Automated Guided Vehicle /Mobile Robots.
- ✓ **Refrigeration and Air Conditioning**
- ✓ **Material Science and Metallurgy**

#### RESEARCH ACTIVITIES: