

## **RESUME**

**MR. ATULKUMAR SAHEBRAO PATIL**

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### **CAREER OBJECTIVE:**

To seek a position for utilizing my skills & abilities in an organization that offers security & professional growth while being resourceful, innovative & flexible.

### **WORK EXPERIENCE:**

**1) K.K.Wagh Institute of Engineering Education & Research, Amrutdham, Panchavati, Nashik.**

Designation : Lecturer, Department of Mechanical Engineering.  
Period : 18<sup>th</sup> Aug 2005 To Till date

#### **Subjects taught:**

- Basic Mechanical Engineering
- Engineering Graphics I
- Engineering Graphics-II.
- Machine Drawing
- Machine design
- Tribology

#### **About College:**

**K.K.Wagh Institute of Engineering Education & Research** is affiliated to University of Pune, approved by AICTE; New Delhi and Govt. of Maharashtra. This College was established in 1983 and runs eight branches including Mechanical.

**2) S.N.D. Polytechnic, Yeola, Dist. Nashik**

Designation : Lecturer, Department of Mechanical Engineering.  
Period : 13<sup>th</sup> December 2003 to 15<sup>th</sup> Aug 2005. (1.7 Years)

#### **Subjects taught :**

- Production Engineering
- Engineering Drawing.
- Industrial organization and supervisory management.

#### **About College:**

**S.N.D. Polytechnic** is affiliated to M.S.B.T.E. Mumbai, approved by DTE and Govt. of Maharashtra. This college was founded in 2002 and offered four branches including Mechanical.

**3) Samsonite India Pvt. Ltd, Gonde Dumala, Igatpuri, Nashik**

Designation : Apprentice Trainee Engineer (QA Officer)  
Period : 25<sup>th</sup> August 2002 to 24<sup>th</sup> August 2003. (One Year)

**Job Profile :**

- Checking of inward material as per quality plans.
- Testing of various components.
- Preparation of quality plans for new parts.
- Calibration of various instruments as per due dates.
- Quality checking at subcontractor's plant as per requirement.

#### **Company profile:**

**SAMSONITE India Pvt.Ltd. Igatpuri (Nashik)** engaged in Design, Development, and Manufacturing of World class luggage (Hard side) which is having 100% export in Europe, Southeast Asia and USA.

#### **EDUCATIONAL QUALIFICATIONS:**

<b>Examination passed</b>	<b>Year of passing</b>	<b>Board/University</b>	<b>Percentage</b>	<b>Class</b>
Ph.D.(Registered and Pursuing)	-	SPPU, Pune	-	(Two Progress Report Submitted)
M.E. (Design Engg.)	2009	Pune University	64.67 %	First Class
B.E. (Mechanical)	2001	Pune University	60.93 %	First Class

#### **M.E. PROJECT:**

**“Performance of two-lobe four-recess hydrostatic/hybrid journal bearing with different recess shapes.”**- This project gives the analytical study of non-circular bearings in terms of the static and dynamic performance characteristics.

#### **B.E. PROJECT:**

**“Multi operation attachment on Lathe machine”**- This project gives an idea about the various operations which can be done without disturbing the set up of the attachment.

#### **B.E.SEMINAR:**

**“Solar Engine”**: This seminar explains about the construction, working and advantages of solar engine.

#### **Computer Skills:**

- MS Office
- Knowledge of AutoCAD, Pro-E (Modeling)
- ‘C’ Programming Language

#### **Extra-Curricular Activities (Up to Graduate level):**

- Passed the “Elementary & Intermediate drawing examination”
- Government Scholarship (from Maharashtra State) holder for High school scholarship
- Team member of Inter-class cricket tournament for four years during UG Course
- Team member of Kho-Kho team at school level
- Participated in three day Scout Camp at Tahsil level

#### **Special Projects guided at UG level in KKWIEER, Nashik:**

- Guided a project entitled **“Design and Manufacturing of a Telescope”** won the second prize at “Karmveer expo” a National level project competition organized by Electrical Engineering Department of KKWIEE& R, Nashik A. Y. 2008-2009

- Guided a project entitled “**Automatic Painting Machine**” won the second prize at technical exhibition held at Pune. A. Y. 2009-2010
- Guided a project entitled “**Sowing machine**” which won the third Prize at “Karmveer expo” a National level project competition organized by Electrical Engineering Department of KKWIEE& R, Nashik. A.Y. 2010-11
- Guided a project entitled “**Design and manufacturing of a Profile Projector**” A. Y. 2015-2016
- Guided a project entitled “**Design and manufacturing of novel knuckle for an All-Terrain Vehicle (ATV)**” which was used in an ATV design and manufactured by mechanical engineering department students and participated in BAJA Competition organized by SAE India at Pithampur, Indore, Madhya Pradesh during A.Y. 2016-2017
- Guided a project entitled “**Modak making machine for Ukdiche Modak**”, during A. Y. 2018-19
- Guiding a research project “**Tribological evaluation of piston ring and cylinder liner pair with nano lubricants**” during this current A. Y. 2019-20
- Also apart from this **I had guided 12 UG Projects and almost 50 UG Seminars** from A. Y. 2005-2006 to 2018-2019.

#### **Major Responsibilities successfully shouldered at KKWIEER, Nashik:**

- **Scrutiny Officer for Centralized Admission Process** during reporting of candidates to institute from July 2006 to July 2012.
- **Assistant Test Administrator (ATA) for MBA-CET examination** work during May 2019 and May 2010 examination
- **Custodian work** at PVG’s COE, Nashik, during November 2011 Examination
- **Senior Supervisor** work during November 2012 examination at KKWIEER, Nashik
- **Chief Examination Officer (CEO)** work for two days at KKWIEER, Nashik
- **Coordinator of Annual Social gathering** Maffick-2014
- **Committee member for Printing Institute Brochure** of KKWIEER, Nashik
- **Co-coordinator of NBA team** at departmental level
- **Co-coordinator of Facilitation Center** for First Year Engineering admission in June-2017
- **In-charge of Admission Committee for First Year Engineering admissions** of Mechanical department in July 2017
- **Senior Supervisor for FE- Offline examination** of Engineering Graphics-I during September 2013 to September 2017
- **In-charge of FE-Orientation Programme** at departmental level during August 2016 and August 2017
- **ISTE committee member at Institute level** for organizing various activities under ISTE Chapter of KKWIEER, Nashik
- **Faculty Advisor for Robocon-2017 Institute Team** which participated in a Robocon-2017 Competition held at MIT, Pune during March-2017
- **Coordinator for organizing “Online Learning License Camp”** at KKWIEER in association with RTO Officials Nashik
- **Team Leader for preparation of NAAC Evaluative report** of Mechanical Engineering Department, September 2017
- **In-Charge of FE-Academic activities** at departmental level from July 2012 up-to February 2018

- **Mentoring sessions conducted for students of BE-B (2018 Batch) division** at least thrice in a semester for solving the academic and personal problems of the students in every academic year.
- **External Senior Supervisor** at Jawahar Institute of Technology, Nashik for May/June 2018 examination
- **Departmental level Coordinator for FE Induction Program work** conducted for A. Y. 2015-16, 2016-17, 2017-18.
- **Institute level FE Induction Program Coordinator** for A. Y. 2018-19 and 2019-20.
- **Committee Member for organizing a National Conference on** “Exploring New Dimensions in Teaching – Learning for Quality Education”, during 7 to 9 July 2019
- **Worked as a Team member for more than 25 times during the organization of various events at institute level or Society level like,**
  - a) Eminent faculty Guest lectures by institute or Faculty,
  - b) SME meet,
  - c) CEO meet
  - d) NAAC Committee hospitality
  - e) NBA Committee work
  - f) Golden Jubilee Inauguration work ceremony
  - g) Convocation Ceremony etc
  - h) Admission Seminar Work

#### **Membership of Professional Bodies:**

- Lifetime Membership of ISTE (Indian Society of Technical Education)
- Lifetime Membership No- LM 50640

#### **List of STTP attended:**

- A one week STTP (Mission10X) on **“Teaching – learning methodology”** by Wipro India ltd. at KKWIEE&R, Nashik on 9-13 August 2010.
- A two week STTP on **“Recent advances in manufacturing, automation and simulation”** at CBIT Hyderabad from 7/05/2012 to 19/05/2012.
- A two week STTP/ISTE workshop on **“Research Methodologies”** organized by IIT Bombay and KKWIEE&R Nashik- from 22/06/2012 to 4/7/2012.
- A one week STTP on **“Applications of MATLAB in Mechanical Engineering Analysis”** at IITRAM. Ahmadabad, 2 July to 6 July 2018.
- A two week FDP on **“Fundamental of Surface Engineering, Mechanisms, Processes and Characterizations”** successfully completed organized by NPTEL and AICTE funded by the Ministry of HRD, Govt. of India, June to October 2018
- A one week STTP on **“Industrial Tribology”** at AVCOE, Sangamner, 15 January to 29 January 2019.
- A one week ICT based STTP on **“National Board of Accreditation”**, conducted jointly by Electrical Engineering department of KKWIEER and IET (UK) in association with NITTTR, Kolkata from 17 June to 21 June 2019.

#### **List of Seminars/Workshops/Trainings attended:**

- Two day seminar on **“Electric discharging machining”** organized by Production Engineering department at KKWIEER, Nashik, 13-14 January 2006

- A two day workshop on “Recent Trends in Automobiles” organized at KKWIEE&R, Nashik, 2-3 February 2007
- Two-day workshop on “Mat lab-programming” organized by Electrical Engineering Department of, KKWIEE&R Nashik on 21-22 February 2009.
- Two-day workshop on “Introduction and application of Mat lab in engineering” organized by KKWIEE&R, Nashik on 10 & 11 February 2010.
- Two-day workshop on “Best practices in engineering education” organized by MET, Nashik on 5 & 6 February 2010.
- A two day workshop on “Teaching – learning methodology” organized by Wipro India ltd. at SITRC Nashik on 29 and 30<sup>th</sup> December 2010.
- A two day workshop on “Problem and Project based learning ” by Alborg University , Denmark in association with Singhgad Institute of Technology at Lonavala on 7-9 March 2011.
- Two day Faculty Development Programme on “MASTERCAM- Milling, Turning Module, robotic Programming and Applications” at SITRC, Mahiravani, Nashik, 23-24 September 2011
- One day workshop on “Recent trends in Industrial Tribology” at MIT, Pune on 20<sup>th</sup> March 2013
- Two day workshop on “Tribological Aspects in Design”, organized by NDMVP’s KBT College of Engineering, Nashik, 3-4 October 2013
- Two day workshop on “Mechanical Engineering Design: Trends and Practices” organized by KKWIEER, Mechanical Engineering Department, Nashik, 27-28 January 2017.
- Two day Interdisciplinary Workshop on “Artificial Intelligence: Research and Applications”, organized by KKWIEER, Production Engineering Department, Nashik, 6-7 January 2018.
- Two day workshop on “Recent developments in Power Sector: Technology and Policy”, Organized by KKWIEER, Mechanical Engineering Department, Nashik, 14-15 February 2018.
- One day workshop on “Condition Monitoring and Fault Diagnosis” organized by Mechanical Engineering Department of KKWIEER, Nashik, 28 December 2018 to 29 December 2019.

#### **List of Industrial/Special Trainings attended:**

- A three day training on “Communicative English” organized by ISTE Chapter of KKWIEER and The English Personality Finishing School, Pune 19-21 August 2006
- Three day IEPC training at “Marico Ltd, Goa” during February 2007
- Three days training course on “Witness Simulation Software” organized by Production Engineering Department of KKWIEER, Nashik and IIPE, Nashik Chapter, 10-12 December 2007

#### **List of Syllabus Setting and Implementation workshops attended:**

- One-day workshop on “Syllabus Implementation of Basic Mechanical Engineering” organized by MIT Pune on 15<sup>th</sup> September 2008.
- One-day workshop on “Syllabus Implementation of Machine Drawing and Computer Graphics” organized by VIIT Pune on 11<sup>th</sup> July 2009.
- One day workshop on “Syllabus Implementation of Design of Machine Elements-II” organized by KKWIEER, Nashik on 8 January 2018.
- One day workshop on “Syllabus implementation of Industrial Engineering” organized by AVCOE Sangamner, Ahmadnagar on 21 January 2019.

- One day workshop on “Syllabus implementation of Systems in Mechanical Engineering”, organized by Guru Govind Singh College of Engineering, Nashik on 19 July 2019

#### **Conferences/Seminars/Workshops/Technical events organized:**

- **Core Team Member** for Mecheaven-2006 a National level technical event organized by Department of Mechanical Engineering, KKWIEER, Nashik.
- **Core Team Member** for Mecheaven-2007 a National level technical event organized by Department of Mechanical Engineering, KKWIEER, Nashik.
- **Core Team Member** for Mecheaven-2008 a National level technical event organized by Department of Mechanical Engineering, KKWIEER, Nashik.
- **Core Team Member** for Mecheaven-2009 a National level technical event organized by Department of Mechanical Engineering, KKWIEER, Nashik.
- **Core Team Member** for Mecheaven-2010 a National level technical event organized by Department of Mechanical Engineering, KKWIEER, Nashik.
- **Core Team Member** for Mecheaven-2011 a National level technical event organized by Department of Mechanical Engineering, KKWIEER, Nashik.
- **Core Team Member** for Mecheaven-2012 a National level technical event organized by Department of Mechanical Engineering, KKWIEER, Nashik.
- **Committee member** for a two day workshop on “Recent Trends in Automobiles” organized at KKWIEER, Nashik 2-3 February 2007
- **Teaching Assistant**, for a two week ISTE workshop on “Thermodynamics in Mechanical Engineering” at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay during 10/06/2011 to 22/06/2011
- **Remote Center Coordinator** for a two week ISTE workshop on “Engineering Thermodynamics” at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay during 11/12/2012 to 21/12/2012
- **Remote Center Coordinator** for a two day ISTE workshop on “Research Methods in Educational Technology” at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay during 2/2/2013 and 9/2/2013
- **Remote Center Coordinator** for a two week ISTE workshop on “Database Management Systems” at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay during 21/5/2013 to 31/5/2013
- **Remote Center Coordinator** for a two week ISTE workshop on “Analog Electronics” organized at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT Kharagpur during 4/6/2013 to 14/6/2013
- **Remote Center Coordinator** for half day ISTE workshop on “Green Building and its awareness” at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay on 25/08/2013
- **Remote Center Coordinator** for a two week ISTE workshop on “Engineering Mechanics” organized at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay during 25/11/2013 to 5/12/2013
- **Remote Center Coordinator** for a two week ISTE workshop on “Fluid Mechanics” organized at K.K.Wagh Institute of Engineering Education and Research,

Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT Kharagpur during 20/05/2014 to 30/05/2014

- **Remote Center Coordinator** for a two week ISTE workshop on “Computer Programming” at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay during 16/06/2014 to 21/06/2014

- **Remote Center Coordinator** for a two week ISTE workshop on “Computer Networking” at K.K.Wagh Institute of Engineering Education and Research, Nashik-03 under the National Mission on Education through ICT (MHRD, Govt. of India) in association with IIT, Bombay during 30/06/2014 to 5/07/2014

- **Organizing committee member** for a two day workshop on “Mechanical Engineering Design: Trends and Practices” organized by KKWIEER, Mechanical Engineering Department, Nashik, 27-28 January 2017.

- **Organizing committee member** for a one day workshop on “Condition Monitoring and Fault Diagnosis” organized by Mechanical Engineering Department of KKWIEER, Nashik, 28 December 2018 to 29 December 2019.

- **Organizing Co-coordinator at departmental level for organizing an Alumni meet of all KKWIEER students** held at Pune on 4 February 2017

- **Organizing Co-coordinator at departmental level for organizing an Alumni meet of mechanical department from Mahindra Sona Driveline Systems limited, Nashik** held at Mechanical Department of KKWIEER, Nashik on 12 January 2019.

#### **Paper Presented in International Conferences and Journal:**

- Paper entitled “Analytical study of Elliptical Four Pocket Hybrid Journal Bearing”, presented and published in the Proceedings of 15<sup>th</sup> ISME International Mechanical Engineering Conference, ISME-2008, held at Rajiv Gandhi Technological University, Bhopal (M.P) held during 18-20 March 2008.

- Paper entitled “Performance of Hole entry Hybrid Journal Bearing Compensated with Capillary Restrictor”, presented and published in the Proceedings of International Conference on, ICCIE-2010, held at, Sandip Foundations Sandip Institute of Technology, Nashik (M.S) held during 3-10 March 2010.

- Paper entitled “A Review of Experimental Tribological Investigations of Piston Ring with Laser Surface Textured Dimples”, Proceedings of TRIBOINDIA-2018, An International Conference on Tribology, organized by Tribology Society of India and VJTI, Mumbai during 13 December 2018 to 15 December 2018.

- A paper entitled “Effect of laser surface textured dimples on tribological behavior of piston ring and cylinder liner pair under fully flooded lubrication” is under review process which is submitted to an International Journal FME Transactions.

- A Paper entitled “Effect of laser surface textured dimples on the frictional behaviour of piston ring and cylinder liner interface in a reciprocating bench test”, is under review

process which is submitted to an International Conference organized by Tribology Society On India and IISc, Bangalore in December 2019.

**Personal Profile:**

<b>Full Name</b>	<b>Patil Atulkumar Sahebrao</b>
<b>Date of birth</b>	23 <sup>rd</sup> November 1978
<b>Sex</b>	Male
<b>Marital Status</b>	Married
<b>Permanent Address</b>	“Om Saikalp”, S. No. 155/B , Plot No.7 , Lamkhade mala, Dindori road, Near Tarwala Nagar , Panchavati, Nashik Pin: 422003
<b>Mobile No.</b>	<b>9960841615</b>
<b>Dialects Known</b>	English, Hindi & Marathi.
<b>Hobbies</b>	Cricket, Reading, Political events.
<b>E-mail</b>	<a href="mailto:asplecturer@gmail.com">asplecturer@gmail.com</a> , <a href="mailto:a.s.patil@kkwagh.edu.in">a.s.patil@kkwagh.edu.in</a>