

RESUME



PRAMOD RAM WADATE

Address for Correspondence:

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Objective

To work in challenging environment that will stimulate my creative instincts besides providing me with an opportunity to broaden my knowledge and vision.

Experience Summary:

- CEO, Workshop Superintendent, Assistant Professor & Student Welfare Officer at **Dr. D. Y. Patil, Knowledge City, Dr. D. Y. Patil School of Engineering & Technology**, Pune.(02/07/2012 to Till date)
- Asst. Prof. at **Maharashtra Institute of Technology**, Aurangabad. (01/07/2010 to 19/06/2011 & 27/06/2011 to 30/04/2012)

Professional Qualification

- **SSC** in **March 2003** from Dnyan Prakash Vidya Mandir, Aurangabad. Under Maharashtra State Board. With **75.86%**
- **HSC** in **March 2005** from Deogiri College, Aurangabad. Under Maharashtra State Board With **58.67%**
- **Bachelor of Mechanical Engineering** from T.M.E.S. J. T. Mahajan College of Engineering, Faizpur, Jalgaon- 425524. Under North Maharashtra University, Jalgaon.
67.87% in May, 2009.
- **Master of Engineering** from **Government College Of Engineering, Aurangabad**
 - **7.813 CGPA** in December, 2011.
- **PhD (Pursuing)** from **Dr. Babasaheb Ambedkar Marthwada University, Aurangabad, Maharashtra, India.**

Computer Proficiency

Applications : UG, Ansys, Catia v5, Hypermesh, Auto CAD, Pro-e.

Project

- Project on "**Design of Blank and Pierce Die using PRO-E.**"
- Dissertation on "**Design and Rapid Prototyping of Spur Gear and Shaft for the Transmission Assembly.**"
- Fabrication of "**Foldable Solar Dryer**" in association with Food Technology Division, **Bhabha Atomic Research Centre, Mumbai.**
- **Infrared heating of die and workpiece in forging applications** under the guidance of Mr. Sandesh Mankar (Verroc Engg.Pvt.Ltd.)

Ongoing Project & Research Work

- **Thermal Performance of direct steam generating solar concentrators** under the guidance of Dr.H.M. Dharmadhikari with support of Dr. Ravi M. Warkhedkar & Dr. M.M.Rathor.

Research Papers And Publications

- **"Rapid Prototyping Applications by Three Dimensional Printing (3DP)"** presented and published in **International Journal** of Engineering Sciences (ISSN 0976 – 6693).
- **"Rapid Prototyping of Spur Gear by Three Dimensional Printing (3DP)"** published in **International Journal** of Innovation in Mechanical and Automobile Engineering (IJIMAE-2012), ISSN No.2249-2968.
- **"Optimization of influence of process parameter on Profile Turning process of EN-52 material"** presented and published at **International Conference** on Sunrise Technologies (i-COST-2011), S.S.V.P.S. Dhule.
- **"A Two-Axes linear Positioning System for Rapid Prototyping Applications"** presented and published at A **National Conference** on Emerging Trends in Engineering, Science, Technology & Management-2012, at J.S.P.M., R.S.C.O.E., Pune.
- **"Optimization of influence of process parameter on CNC turning for 21-4N materials"** presented in **National Conference** on Product Engineering (NCPE-2010) at S.G.G.S. Nanded.
- **"The Development of CAD: THE STATE-OF-THE-ART"** presented at **National Conference** on Recent Advances in Mechanical Engineering (NCRAME-2011), Osmanabad.
- **"Evolution of Energy, Entropy and Work"** presented and published at **National Conference** on Recent Trends in Engineering Sciences (NCRTES-2012), Faizpur.
- **"Rapid Prototyping & Applications"** presented and published at **National Conference** on Recent Trends on Science & Engineering - 2014, Dr.D.Y.Patil School of Engineering & Technology, Pune.
- **"3D Modeling using Rapid Prototyping: Case Study of Distal Humerus Fracture"** published in **International Research Journal of Innovations in Engineering and Technology**, ISSN (online): 2581-3048 Volume 3, Issue 4, pp 29-31, April-2019.
- **"A Study of Electric Bike - Future Needs"** published in **International Journal for Research in Applied Science & Engineering Technology**, ISSN: 2321-9653 Volume 7 Issue V, May 2019.
- **"Fabrication and Characterization porous structure using HA and Ti by Rapid prototyping for Biomedical Application"** presented and published in **4th International Conference on Emerging Technologies: Micro to Nano (ETMN-2019)** Organized by Department of Electronic Science & Physics Savitribai Phule Pune University (SPPU), Pune & Manipal University,Jaipur 2019.
- **"A Review of Thermal Performance of Solar Concentrator : The Future Needs"** presented in 4th **World Congress on Engineering and Applications 2019 at Bali, Indonesia** and published in **International Journal of Engineering Sciences** 2019 12(3) pp 92-100 ISSN 0976 – 6693. <https://doi.org/10.36224/ijes.120303>
- **"Thermal Performance Evaluation of Solar Paraboloidal**

Dish Concentrator” presented in **International Conference on Intelligent Mechanical Systems for Industry 4.0** in **2021** and accepted for publication in **AIP Proceedings**.

Field of interest

Research, Teaching, Administration, Thermal -Solar, Biomechanics & Social.

Achievement AND TRAINING

- Worked as an **Assistant Director** in May/June-2011 Examination in Engineering Central Assessment Scheme, at **Dr. Babasaheb Ambedkar Marathwada University**, Aurangabad.
- Worked as an **Officer** in Nov/Dec-2010 Examination in Engineering Central Assessment Scheme, at **Dr. Babasaheb Ambedkar Marathwada University**, Aurangabad.
- **Governing Body Member** of Dr. D. Y. Patil School of Engineering & Technology in 2014, Pune.
- Training for manufacturing of **“Foldable Solar Dryer”** under AKRUTI program for Rural Development in association with Food Technology Division, **Bhabha Atomic Research Centre, Mumbai**.
- **Reviewer** of Journal of Institute of Scholars (Mechanical Engineering).
- **Reviewer** of Emerald Group Publishing Limited (Risk Management).
- **Reviewer** of International Journal of Engineering Research & Technology (ID- IJERTREW1816)
- **Member** of The Indian Society for Technical Education (LM 117218)
- **Member** of International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC ISSN: 2321-8169).
- **Member** of International Association of Engineers (ID-182567)
- **Member** of Institute of Scholars (ID- InSc20202620)
- Attended **STTP** on **Computational Fluid Dynamics** at **Motilal Nehru National Institute of Technology, Allahabad**.
- Attended **Syllabus Setting** workshop for Strength of Materials, Manufacturing Processes I & II, Engineering Graphics-I, Basic Mechanical Engineering, Workshop Practices, etc subject conducted by University of Pune of 2012 Course.
- Attended **National Social Service (NSS) 45th Orientation** course at Ahmednagar College, Ahmednagar on 17-22 March, 2014.
- Attended **Workshop** of India ATCx Conference Series 2016 by Altair at Pune.
- Attended **Workshop** of Solidworks-2017 by Pelfinfo at Pune.
- Attended Faculty Development Program on **“R&D opportunities in Academic Institution”** at Dr. D. Y. Patil School of Engineering & Technology, Pune on 18th Feb., 2016.

- Attended Faculty Development Program on "**Research Proposal & grants**" at Dr. D. Y. Patil School of Engineering & Technology, Pune on 25th June, 2016.
- Attended one day training of "**Foldable Solar Dryer**" at Food Technology Division, **Bhabha Atomic Research Centre, Mumbai** on 27th July, 2017.
- Organized **State Level Workshop** on "**Advancement in Mechanical Engineering- AN INTERDISCIPLINARY APPROACH**" in collaboration with Savitribai Phule Pune University, Pune on 24th & 25th January, 2017.
- Organized "**Girl's Personality Development Program**" every year (2014 to 2019) in association with Savitribai Phule Pune University, Pune.
- Attended one day conference series of **Ansys Converegence 2017** at Pune on 19th September, 2017.
- Attended two days National Level Workshop on "**Self-driving Cars Using Artificial Intelligence**" at Dr.D.Y.Patil School of Engineering & Technology, Pune on 10-11 January, 2019.
- Attended **MHRD Workshop** on "**Leadership for Change**" conducted at Bahai Academy Panchgani under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching during 11-13 October, 2019.
- Attended Online Faculty Development Program on "**Renewable Energy Sources : A Way Ahead**" organized by ASM Pune Chapter and ISHARE Nagpur Chapter at Cummins College of Engineering for Women Nagpur during 15-21 May, 2020.
- Attended one week online **Short Term Training Program** on "**Renewable Energy and Utilization**" organized by Sandip Institute of Engineering and Management, Nashik during 26-30 May, 2020.
- Attended one week online **Faculty Development Program** on "**Product Design & Novelty**" organized by Dr Vithalrao Vikhe Patil College of Engineering Ahmednagar, Maharashtra and The Institution of Engineers (India) Ahmednagar local Centre during 6-10 June, 2020.
- **Expert talk** on "**SOCIO-ECONOMIC SCENARIO & CHALLENGES**" in **One Day National Level e-Conference** entitled "COVID-19 and ATMANIRBHAR (Self- Reliant) BHARAT" at Rashtriya Shikshan Prasarak Mandal Beed's, Lokmanya Tilak Mahavidyalaya, Wadwani Dist-Beed (M.S.) on 4th July, 2020.
- Attended **MHRD Workshop** on "**Managing stress and Sustaining Well-Being of the Students and Society During and After Pandemic Period**" conducted at K.T.H.M. College, Nashik under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching during 01-03 July, 2020.
- Attended **Panel Discussion of Indian Society of Heating & Refrigerating and Air Conditioning Engineers (ISHARE - Pune Chapter)** on "**Role of Professional Bodies in Engineering**" organized by MMCOE & BVCOE, Pune on 14 September, 2020.
- **Awarded** by "**Young Researcher Award 2020**" by Institute of Scholars.

- Attended **AICTE Training and Learning (ATAL) Online Elementary Faculty Development Program** on **"Green Technology: Applications in Manufacturing"** at National Institute of Technology, Patna during 20-24 September, 2021.
- Organized **"Girl Student Development Workshop & Lecture Series"** in association with Savitribai Phule Pune University, Pune during 24-25 February, 2022.
- Attended 5 days **Training Workshop** organized by **Civil Defense Maharashtra State and Savitribai Phule Pune University** during 7-11 March, 2022.

Personal Details

- Name : Pramod Ram Wadate
- Father Name : Ram Namdev Wadate
- Date of Birth : 2nd June, 1988.
- Hobbies : Driving, Traveling, Music & Sadhana.
- Address Present : Flat No.C-12, Anand Park Housing Society, Survey No. 49/1/2A, Anand Park, Ganesh Nagar, Wadgaon Sheri, Pune-411014, Maharashtra, India.
- Address Permanent : Plot No. B-19, Backside of Hotel Maratha Bhushan, Gajanan Colony, Garkheda Parisar, Aurangabad-431005, Maharashtra, India.
- Marital status : Married
- Spouse name : Dr. Priya Pramod Wadate
- Gender : Male
- Language known : English, Hindi and Marathi.

Date: 200th April, 2022.

Place: Pune.

Signature
Pramod Ram Wadate