

Curriculum Vitae

Dr. Suhas Prakashrao Patil

Ph.D. (SPPU-VIIT Pune), M. Tech (Mechanical), PGDM, B.E.(Mechanical)



- Contact Number: 9860928844
- Email id: iamsuhaspatil2@gmail.com
- Experience: 15 Years (Industry: 02 Years, Academic: 13 Years)
- Address: Church road, Shakambhari apartment, flat no 204, A/P-Islampur, Tal- Walwa, Dist- Sangli, Pin – 415409
- SCOPUS ID:
<https://www.scopus.com/authid/detail.uri?authorId=58105134600>
- Google Scholar ID:
https://scholar.google.com/citations?user=XE_Xx74AAAAJ&hl=en&authuser=1
- Web of Science ID
<https://www.webofscience.com/wos/author/record/NCV-6446-2025>

OBJECTIVE:

To contribute to the advancement of engineering education by leveraging over 12 years of experience in academics, administration, and quality assurance, with a strong commitment to institutional development and continuous improvement.

RESPONSIBILITIES HANDLED:

1. Working as **Associate Professor and Dean (Academics)** in Arvind Gavali College of Engineering Satara from June 2015 to till date.
2. Working as **member of Academic Council** of Arvind Gavali College of Engineering (An autonomous institute).
3. Worked as **Head of Department (HOD)** in Arvind Gavali College of Engineering Satara from July 2016 till July 2022 and presented Mechanical department **as HOD to the NAAC (Cycle I)** at Arvind Gavali college of Engineering Satara in A.Y. 2016-17.
4. **Coordinated NAAC (Cycle II)** activities centrally in A.Y. 2023-24. Also coordinated **NBA (Cycle I) activities** through which two programs viz Mechanical and Computer Science & Engineering programmes get accredited for three years.
5. Worked as **Dean (Student Development)** in Arvind Gavali College of Engineering Satara from August 2018 to July 2019.

6. Worked as **Nodal Officer** for the **National Institutional Ranking Framework (NIRF)** in Arvind Gavali College of Engineering Satara.
7. Worked as **Organizing secretary** of **International Conference** held in Arvind Gavali College of Engineering Satara.

KEY PUBLICATIONS:

- [1] Suhas Prakashrao Patil, Sandeep Sadashiv Kore et al, "Characterization and Machinability Studies of Aluminium-based Hybrid Metal Matrix Composites – A Critical Review", *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences*, 101(2), 137–163, (2023), <https://doi.org/10.37934/arfmts.101.2.137163> (**SCOPUS Indexed**)
- [2] Shital Yashwant Waware, Suhas Prakashrao Patil, Sandeep Sadashiv Kore, "Heat Transfer Enhancement in Tubular Heat Exchanger with Jet Impingement: A Review", *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences*, 101(2), 8–25, (2023), <https://doi.org/10.37934/arfmts.101.2.825> (**SCOPUS Indexed**)
- [3] Waware, S. Y., Suhas Prakashrao Patil; Kore, S. S., Kurhade, A. S. Innovative Heat Transfer Enhancement in Tubular Heat Exchanger: An Experimental Investigation with Minijet Impingement. *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences*, 116(2), 51–58, (2024), <https://doi.org/10.37934/arfmts.116.2.5158> (**SCOPUS Indexed**)
- [4] S. Prakashrao Patil, G. Leela Prasad et al., "Surface roughness and topography of EDM machining of Inconel 718", *Materials Today: Proceedings* (2023), <https://doi.org/10.1016/j.matpr.2023.02.444> (**SCOPUS Indexed**)
- [5] Suhas Patil, Alam, N., Mohiuddin, M., et al. Performance Analysis of a HVAC System with a Heat Recovery Wheel for a Hospital Building. *J Eng Phys Thermophy* (2024). <https://doi.org/10.1007/s10891-024-02985-0> (**ESCI Indexed/Web of Science**)
- [6] Suhas Patil, Kurhade Anant Sidhappa, Siraskar Gulab Dattrao et al "Predicting Heat Transfer Enhancement with Twisted Tape Inserts Using Fuzzy Logic Techniques in Heat Exchangers", *Journal of Mines, Metals & Fuels* (2024). [10.18311/jmmf/2024/45348](https://doi.org/10.18311/jmmf/2024/45348) (**SCOPUS Indexed**)
- [7] Suhas Patil, Kurhade Anant Sidhappa, Siraskar Gulab Dattrao et al "Enhancement in Heat Transfer with Nanofluids in Double-Pipe Heat Exchangers", *Journal of Mines, Metals & Fuels* (2025). [10.18311/jmmf/2025/47225](https://doi.org/10.18311/jmmf/2025/47225) (**SCOPUS Indexed**)
- [8] Waware, S. Y., Ahire, P. P., Napate, K., Biradar, R., Patil, S. P., Kore, S. S., & Kurhade, A. S. "Advancements in Heat Transfer Enhancement using Perforated Twisted Tapes: A Comprehensive Review", *Journal of Mines, Metals and Fuels* (2025), 73(5), 1355–1363. <https://doi.org/10.18311/jmmf/2025/48438> (**SCOPUS Indexed**)
- [9] Patil S., Chinchani S. Investigation on the mechanical properties of stir-cast Al7075-T6-based nanocomposites with microstructural and fractographic surface analysis. *Obrabotka metallov (tekhnologiya, oborudovanie, instrumenty) = Metal Working and Material Science*, 2025, vol.27, no.3, pp.236–251. DOI:<https://doi.org/10.17212/1994-6309-2025-27.3-236-251> (**ESCI Indexed/Web of Science**)
- [10] Patil S., Azami M., Alam N., et al. Comparative analysis of combustion performance using pure and blended hydrocarbon fuels In a pulse detonation engine. *J Eng Phys Thermophy* (2024). <https://doi.org/10.1007/s10891-024-02985-0> (**ESCI Indexed/Web of Science**)

- [11] Waware, S. Y., Patil, S. P., et Al. "Thermal Performance Evaluation of a Helical-Finned Pipe-in-Pipe Heat Exchanger", *Journal of Mines, Metals and Fuels* (2025), 73(9):2749-2757; DOI: <https://doi.org/10.18311/jmmf/2025/49220> **(SCOPUS Indexed)**
- [12] Waware, S. Y., Patil, S. P., et Al. "Experimental Investigation of Heat Transfer Improvement Using Perforated Helical Twisted Tapes in a Tube-In-Tube Heat Exchanger", *Journal of Mines, Metals and Fuels* (2025), 73(7): 2083-2093; <https://doi.org/10.18311/jmmf/2025/49032> **(SCOPUS Indexed)**
- [13] Patil S., Chinchani S. ANFIS modeling of turning Al7075 hybrid nanocomposites under compressed air cooling. *Obrabotka metallov (tekhnologiya, oborudovanie, instrumenty) = Metal Working and Material Science*, 2025 vol. 27 no. 4 pp. 48–61. <https://doi.org/10.17212/1994-6309-2025-27.4-48-61> **(ESCI Indexed/Web of Science)**
- [14] Waware, S. Y., Patil, S. P. et al, "Artificial Intelligence in Extractive and Processing Industries: Applications Across Mining, Metallurgy, and Petroleum Sectors", *Journal of science and technology research*, 7(4), 2025, pp. 196-208, eISSN-2682-5821, <https://doi.org/10.37933/nipes/7.4.2025.1740> **(SCOPUS Indexed)**
- [15] Ajinkya Bhosale, Suhas Patil, Suraj Ghadage et al, "Advancement in flat plate collector: energy efficiency, modeling and applications", *Industrial Engineering Journal*, 45-52, (2025), 54, Issue 9. ISSN: 0970-2555 **(UGC CARE)**
- [16] Suhas Patil, Kishor Ghadage, Sahil Bhawe, "Machinability Studies of Aluminium-based Hybrid Metal Matrix Composites – A Critical Review", *International Journal of Advanced Research in Science, Communication and Technology*, 94-99, (2023), <https://doi.org/10.48175/IJARSCT-9014>
- [17] Suhas Patil, Satish Chinchani et al., "Machinability of stir-cast Al7075-based hybrid nanocomposites under dry and compressed-air cooling conditions", *EPJ Web Conf.* 345 01015 (2026), <https://doi.org/10.1051/epjconf/202634501015> **(SCOPUS Indexed)**

INTERNATIONAL CONFERENCES:

- [1] Suhas P Patil et al, "Machinability of stir-cast Al7075-based hybrid nanocomposites under dry and compressed-air cooling conditions", *International Conference & Exposition on Materials, Manufacturing and Modelling Techniques (ICE3MT2025)*, 2025
- [2] Suhas P Patil et al, "Optimization of turning of Al7075 nanocomposites under compressed air-cooling using TOPSIS approach", *International Conference on Integrated Research and Sustainable Development (ICIRSD)*, 2025
- [3] Suhas P Patil, "Characterization and Machinability Studies of Al7075 Based Hybrid Nanocomposites under Different Machining Environment", *International Conference on Innovations and Recent Trends in Engineering*, 2024
- [4] Suhas P Patil, Sandeep Kore, "Characterization and Machinability Studies of Aluminium-based Hybrid Metal Matrix Composites – A Critical Review", *International Conference on Computational Intelligence and Advanced Manufacturing Research*, 2022, P.N. 64-70
- [5] Suhas P Patil et al, "Automatic feeder mechanism of center less grinding machine", *International Conference on Innovations and Recent Trends in Engineering*, 2020

[6] Suhas P Patil et al, "Performance Analysis of Chicken Fat Methyl Ester Biodiesel Blended With Diethyl Ether On Diesel Engine", *International Conference on Innovations and Recent Trends in Engineering*, 2018

[7] Suhas P Patil, "Design & Development of centrifugal pump for low NPSHR", *International Conference on Computational Intelligence and Advanced Manufacturing Research*, 2015, P.N. 22-30

PATENTS:

1. Effective hybrid technique for logistics industries

Application No: 202241010806 A

Publication Date: 11/03/2022

2. IoT Based Vertical Autoclave

Application No: 6304585

Publication Date: 20 August 2023

BOOK:

Pranesh Bamankar, Suhas Patil et al, "Transforming mechanical design and manufacturing with artificial intelligence", Vinsa Publishing, 2025, ISBN: 978-9348460684, available online at Amazon

<https://www.amazon.in/-/hi/Pranesh-Bamankar-Shrirang-Nikhil-Bhagwan/dp/9348460684>

BOOK CHAPTER:

Suhas Patil, Harshal Bhatkar et al, "Enhancement of mechanical properties of Al 7075 by adding various reinforcements", Cambridge Scholars Publishing, 2025, ISBN: 1-0364-6202-1,


<https://cambridgescholars.com/product/978-1-0364-6202-4/>

NPTEL CERTIFICATIONS:


1. Awarded with **silver medal and elite grade** in the course of 'Outcome based pedagogic principles for effective teaching' (04-week duration) held between Jan-Apr 2025.
2. Awarded with **silver medal and elite grade** in the course of 'Production technology: Theory and Practice' (12-week duration) held between Jul-Oct 2022.
3. Awarded with **elite grade** in the course of 'Manufacturing Systems Technology I & II' (12-week duration) held between Jul-Oct 2022.
4. Awarded **elite grade** in the course of 'Introduction to research' (08-week duration) held between Aug-Sept 2018.
5. Received **certification** in the course 'Laws of Thermodynamics' (04-week duration) held between Jul-Aug 2017.

Google Scholar Profile (Citations: 210, h-index: 7, i10-index: 6)


(https://scholar.google.com/citations?user=XE_Xx74AAAAJ&hl=en&authuser=1)




Suhas Prakashrao Patil ✎
Other names ›
Assistant Professor, Department of Mechanical Engineering, Arvind Gavali College of Engineering
Verified email at agce.edu.in - [Homepage](#)
[Metal Matrix Composites](#) [Characterization](#) [Machinability studies of co...](#)



☐ TITLE

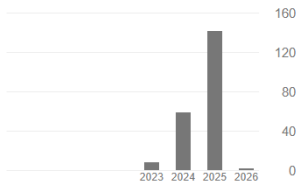




	CITED BY	YEAR
<input type="checkbox"/> Innovative Heat Transfer Enhancement in Tubular Heat Exchanger: An Experimental Investigation with Minijet Impingement SP Patil, SY Waware, SS Kore, AS Kurhade Journal of Advanced Research in Fluid Mechanics and Thermal Sciences 116 (2 ...	48	2024
<input type="checkbox"/> Characterization and machinability studies of aluminium-based hybrid metal matrix composites-A critical review SP Patil, SS Kore, SS Chinchani, SY Waware	43	2023


Cited by

	All	Since 2021
Citations	210	210
h-index	7	7
i10-index	6	6



SCOPUS Profile (Citations: 189, h-index: 7)

(<https://www.scopus.com/authid/detail.uri?authorId=58105134600>)





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PROFESSIONAL ACHIEVEMENTS/MEMBERSHIPS:

1. Awarded with **Best Faculty Award 2023** in Engineering category by Samarth Educational Trust Satara.
2. Worked as a **Syllabus Setter** for Babasaheb Ambedkar Technological University Lonere.
3. Achieved **Elite grade in NPTEL exam** in four subjects (Including **02 silver medals**)
4. **Reviewer** of American Journal of Mechanical and Materials Engineering (Science Publishing Group), New York, USA ([https:// http://www.ajmme.org/reviewers](https://http://www.ajmme.org/reviewers))

5. **Editorial member** of Edwin group of journals.
6. **Reviewer** of International Journal of Materials Science and Applications (IJMSA) ISSN Online: 2327-2643, New York, USA (<http://www.ijmsa.org/reviewers>)
7. **Life member of ISTE** (Indian Society for Technical Education)
8. **Life member of ISRD** (International Society for Research and Development) – Membership ID: M4150902240
9. **Life member of IAEng** (International Association for Engineers)

EXPERIENCE:

TOTAL PROFESSIONAL EXPERIENCE: 15 YEARS

1. Working as **Associate Professor and Dean (Academics)** in **Arvind Gavali College of Engineering Satara** from **29/06/2015 till date (University Approved Faculty)**
2. Worked as Asst. Professor in **Sanjeevan Engineering & Technological Institute Panhala** from **1 July 2014 to 28 June 2015**
3. Worked as Project trainee in **Kirloskar Brothers Ltd Kirloskarwadi** from **15 July 2013 to 15 June 2014**
4. Worked as Teaching assistant in **Rajarambapu Institute of Technology Sakharale** from **1 Aug 2012 to 30 July 2013**
5. Worked as development engineer in **Bharat Forge Pune** from **15 July 2010 to 14 July 2012**

INVITED LECTURES:

Delivered expert session on the topic '**Artificial Intelligence Tools in Academics**' at **Sawkar Ayurvedic Medical College Satara** on **21st November 2025**.

SHORT TERM TRAINING PROGRAMS (STTPS):

ACADEMIC YEAR 2025-26:

1. Participated in one-week STTP on "**Patent filing strategies in AI & copyright**" during **10.11.2025 to 14.11.2025** organized by **D Y Patil College of Engineering Akurdi, Pune**.

ACADEMIC YEAR 2024-25:

1. Participated in one week **DST-SERB sponsored** STTP on "**Bridging the gap between theoretical and physical world in Mechanical engineering domain**" during **07.05.2025 to 12.05.2025** organized by **Yashwantrao Chavan College of Engineering Nagpur (An empowered autonomous institution)** affiliated to Nagpur University).

ACADEMIC YEAR 2023-24:

1. Attended short-term course (03 weeks duration) on '**Manufacturing and Mechanics of Composites**' held between **04 Sep to 25 Sep 2023** by **IIT Kharagpur**.
2. One Week National Level Interdisciplinary Short Term Training Program on "**Exploring Quality Research and its Societal Impact**" from **October 09-13, 2023** organized by **Dr. D. Y. Patil Institute of Technology, Pimpri, Pune**.
3. Two-Week Short-Term Training Program on "**Computational Fluid Dynamics: Bridging theory and practice**" from **March 18-29, 2024** organized by **Sinhgad College of Engineering, Pune**
4. Attended ISTE approved one-week STTP on "**Applied ML: Exploring Real World Applications**" organized by **K J College of Engineering and Management Research, Pune**, from **15th January to 19th January 2024**.

FACULTY DEVELOPMENT PROGRAMS (FDPs):

ACADEMIC YEAR 2025-26:

1. Completed the **ISTE approved** Faculty Development Program on '**AI-Powered Education Platforms and Tools**' held during **25.08.2025 to 30.08.2025** organized by **D. Y. Patil Institute of Technology, Akurdi, Pune, Maharashtra**.
2. Completed the **ISTE approved** Self-Financing Faculty Development Program on "**Additive Manufacturing for Sustainable Applications**" held during **18.08.2025 to 22.08.2025** organized by **Yashoda Technical Campus, Faculty of Engineering, Satara, Maharashtra**.
3. Successfully completed the workshop on **Understanding Journals: Credibility, Selection & Avoiding Predatory Traps** organised by the Department of Library and Information Science in collaboration with the Centre for Publication Ethics and the Ayush Centre of Excellence, Center for Complementary and Integrative Health, **Savitribai Phule Pune University** on **September 29-30, 2025**
4. Attended one-week online Faculty Development Programme (FDP) on **Advanced materials and construction**, held during **29/09/2025 to 04/10/2025** organized by **Dr. Bapuji Salunkhe Institute of Engineering and Technology, Kolhapur, Maharashtra**.
5. Successfully participated & completed **AICTE Training And Learning (ATAL)** Academy Faculty Development Program on **Applications of AI in Automobile Engineering** at **Rustamji Institute of Technology** from **27/10/2025 to 01/11/2025**.
6. Successfully completed UGC mandated course in **Research and Publication Ethics** [A Two-Credit Course] **with A Grade**, which was conducted by **Centre for Publication Ethics, Savitribai Phule Pune University, Pune** from **August 18, 2025 to September 23, 2025**.
7. Successfully participated & completed **AICTE Training And Learning (ATAL)** Academy Faculty Development Program on **Mechanical Engineering for Modern World (Next-Gen Mechanical Engineering Technologies)** at **QIS College of Engineering & Technology Andhra Pradesh (A.P.)** from **03/11/2025 to 08/11/2025**.

8. Successfully participated & completed **AICTE Training And Learning (ATAL)** Academy Faculty Development Program on **Innovation and Entrepreneurship for India's Sustainable Future** at **National Institute of Technology Patna (NIT Patna)** from **10/11/2025 to 15/11/2025**.
9. Participated in **International Webinar** on **Structuring Research for Publication Success** organized by **Shree Santkrupa Institute of Engineering & Technology, Ghogaon** on dated **19/11/2025**.
10. Attended 5-days national level Faculty Development Programme (FDP) on **Recent Advanced Tools Used for Technical Writing and Journal Publication**, held during **24/11/2025 to 28/11/2025** organized by **ICFAI University Raipur, Chhattisgarh**.

ACADEMIC YEAR 2024-25:

1. Completed the **ISTE approved** Self-Financing Faculty Development Program on '**Exploring perspectives of AI and ML in Robotics and Automation**' held during **24.06.2024 to 28.06.2024** organized by **Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, Maharashtra**.
2. Attended one-week online Faculty Development Programme (FDP) on **"3D Experience"** conducted in association with EDS Technologies, held during **29/07/2024-02/08/2024** organized by Department of Mechanical Engineering at **Vishwakarma Institute of Technology, Pune, Maharashtra**.
3. Attended one-week online Faculty Development Programme (FDP) on **"Recent trends in engineering Physics"**, held during **07/10/2024 to 11/10/2024** organized by **Dr. Bapuji Salunkhe Institute of Engineering and Technology, Kolhapur, Maharashtra**.
4. Attended one-week online Faculty Development Programme (FDP) on **"Life skills development"**, held during **03/12/2024 to 07/12/2024** organized by **Dr. Bapuji Salunkhe Institute of Engineering and Technology, Kolhapur, Maharashtra**.
5. Attended one-week online Faculty Development Programme (FDP) on **"Recent advances in nanotechnology and its applications"**, held during **01/01/2025 to 05/01/2025** organized by **Dr. Bapuji Salunkhe Institute of Engineering and Technology, Kolhapur, Maharashtra**.
6. Attended one-week online Faculty Development Programme (FDP) on **"Mathematics behind deep learning"**, held during **20/01/2025 to 24/01/2025** organized by **Dr. Bapuji Salunkhe Institute of Engineering and Technology, Kolhapur, Maharashtra**.
7. Attended one week FDP on **'Energy and environment engineering'** conducted by **Sanjeevan Engineering and Technology Institute Panhala** from **03/02/2025 to 07/02/2025**.
8. Attended one-week online Faculty Development Programme (FDP) on **"Applications of AI and AI tools"**, held during **31/01/2025 to 04/02/2025** organized by **PES College of Engineering Phaltan**.
9. Participated in an online workshop on **"Unlocking Research Funding: A Guide to Planning and Writing Research Proposals"** on **8th February 2025** organized by **Poornima University**.

10. Participated in the **ISTE Approved** Faculty Development Programme on '**Emerging Machine Learning Techniques in Healthcare 5.0**' held at **Arvind Gavali College of Engineering, Satara** from **11/02/2025 to 15/02/2025**.
11. Completed a Faculty Development Programme on '**Cloud Computing: An Practical Approach**' held at **Arvind Gavali College of Engineering, Satara** from **17/02/2025 to 21/02/2025**.
12. Participated in the Faculty Development Programme on '**Industry 5.0 : Building bridge between academic and future industry workforce**' held at **Shree Santkrupa Institute of Engineering & Technology, Ghogaon** from **18/02/2025 to 22/02/2025**.
13. Participated in the "Five Days National Level Faculty Development Program (FDPM-25)" on "**Advancements in Microfluidic Technologies**" from **20th to 24th February 2025**, organized by Department of Mechanical Engineering, **MIT College of Railway Engineering and Research, Barshi** in association with **Indian Society for Technical Education (ISTE), NewDelhi**.
14. Awarded with **FDP certificate from NPTEL** in the course of '**Outcome based pedagogic principles for effective teaching**' (04-week duration) held between **Jan-Apr 2025** conducted by **IIT Madras**.

ACADEMIC YEAR 2023-24:

1. Attended one week FDP on '**Innovative practices in teaching-learning process**' held between **19 Dec to 23 Dec 2023** organized by **Navsahyadri group of institutions Pune**.
2. Attended three days FDP on "**Research paper writing and IP rights**" at **A G Patil Institute of Technology Solapur** from **18th Jan 2024 to 20 Jan 2024**.
3. Attended one week FDP on '**Research Methodology, Intellectual Property Rights & Entrepreneurship Techniques**' conducted by **Premlatai Chavan Institute Karad** from **27/01/2024 to 31/01/2024**.
4. Participated in the workshop on "**Design Thinking, Critical Thinking and Innovation**" Organized by Department of Mechanical Engineering PREC Loni under the guidance of Sardar Patel Institute of Technology Mentor Mentee program 2024 at **Pravara Rural Engineering College Loni** on **13/02/2024**.
5. Participated in State Level Virtual Workshop on "**Entrepreneurship and Innovation as a Career Opportunity**" held on **27th February 2024** at **Shree Narayana Guru College of Commerce, Mumbai** under Institution's Innovation Council.
6. Attended one week FDP on '**Advanced Physics in Engineering**' conducted by **Sanjeevan Engineering and Technology Institute Panhala** from **11/03/2024 to 15/03/2024**.
7. Attended one week FDP on "**Empowering Mobility: The Role of Power Electronics in EV Development and Interfacing of IC Engine and EV**" conducted **Yashoda Technical Campus, Satara** from **18/03/2024 to 20/03/2024**
8. Attended one week faculty development program on '**Nanotechnology & Its Various Applications**' Organized by Mechanical Engineering Department of BRACT's **Vishwakarma Institute of Information Technology (VIIT), Pune**, from **01/04/2024 to 05/04/2024**.
9. Successfully completed One Week Faculty Development Program (Hybrid Mode) on "**Employing**

Industrial Quality Management Systems for Quality Assurance in Outcome-Based Education (OBE)-2024” from **19th June to 24th June, 2024** organized by Department of Mechanical Engineering, **SVERI’s College of Engineering, Pandharpur.**

10. Completed **one-month industrial FDP** on **‘Electric Vehicle’** conducted by **Skill Desire in association with AICTE** during **01/06/2024 to 30/06/2024.**
11. Attended one-week **ISTE approved** FDP on **‘Exploring the perspectives of AI and ML in robotics and automation’** Organized by **D Y Patil Institute of Technology, Pimpri** during **24/06/2024 to 28/06/2024.**
12. Participated in the One Week Virtual National Level Faculty Development Program (FDP) on **"Emerging Trends in Mechanical Engineering"** from **22-April-2024 to 27-April-2024,** organized by the Department of Mechanical Engineering, **Lords Institute of Engineering and Technology (Autonomous)** in collaboration with Institution of Mechanical Engineers (IMechE)-India Branch and Professional Educational Services.

Ph.D Work:

RESEARCH CENTER:

Vishwakarma Institute of Information Technology (VIIT) Pune

(An autonomous Institution affiliated to Savitribai Phule Pune University)

RESEARCH AREA:

Metal Matrix Composites

TITLE:

Characterization and machinability studies of aluminium-based hybrid metal matrix composites under different machining environment.

OBJECTIVES:

1. To prepare Aluminium Hybrid Metal Matrix Composites by stir casting.
2. To characterize the hybrid metal matrix composites for various proportions of added nanoparticles.
3. To analyze the turning performance of hybrid metal matrix composites by comparing that with base alloy.

EDUCATIONAL QUALIFICATION

1. Pre-engineering

Sr.No.	Examination	School/college	Percentage
1	H.S.C	KBP College, Islampur	83.00%
2	S.S.C	Vidyamandir Highschool, Islampur	88.00%

2. Engineering

Sr.No.	Examination	University	Percentage
1	F.E.	Shivaji University, Kolhapur	64.00%
2	S.E.	Shivaji University, Kolhapur	66.55%
3	T.E.	Shivaji University, Kolhapur	69.46%
4	B.E.	Shivaji University, Kolhapur	74.18%

Engineering Aggregate: 68.81%

3. M.Tech

Sr.No.	Examination	University	CPI
1	First Year	Shivaji University, Kolhapur	7.93
2	Second Year	Shivaji University, Kolhapur	9.55

Aggregate: 8.54 CPI

4. PGDM

Sr.No.	Examination	University	Percentage
1	First Year	United State Board of Education Standardization	72.91%
2	Second Year	United State Board of Education Standardization	66.59%

Aggregate: 68.37%

5. Ph.D.

Research Centre	University
Vishwakarma Institute of Information Technology (VIIT), Pune	Savitribai Phule Pune University (SPPU), Pune

SUBJECTS TAUGHT:

Theory of Machines (I & II), CAD/CAM, Thermodynamics, Machine Design II, Basic Civil and Mechanical Engineering

PERSONAL DETAILS

Name	: Dr. Suhas Prakashrao Patil
Address	: Church road, Shakambhari apartment, Flat no.204, Islampur. Tal-Walwa, Dist-Sangli
Contact No	: 9860928844
E-Mail ID	: iamsuhaspatil2@gmail.com
Date of Birth	: 29/06/1988

I hereby certify that the information given above is true to the best of my knowledge.



Dr. Suhas Prakashrao Patil