

# NICMAR University, Pune

**Position:** Vice-Chancellor

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## Education

| # | Board / University            | Institute                                                        | Specialization | Marks | CGPA | Year |
|---|-------------------------------|------------------------------------------------------------------|----------------|-------|------|------|
| 1 | VTU Belgaovi Karnataka        | BVB's College of Engineering and Technology. Hubballi            |                | 0.00  | 0.00 | 2009 |
| 2 | SPPU Pune                     | Govt College of Engineering Pune-COEP                            |                | 63.00 | 6.63 | 1998 |
| 3 | Karnataka University Dharawad | BLDEA's College of Engineering and Technology Vijaypur Karnataka |                | 78.00 | 8.21 | 1994 |
| 4 | Bangalore Board Karnataka     | Govt Jr College Bijapur                                          |                | 68.00 | 7.16 | 1990 |

## Work Experience (Total: 5Y 0M)

| # | Organization                                      | Designation             | From     | To      | Duration |
|---|---------------------------------------------------|-------------------------|----------|---------|----------|
| 1 | JSPM's Rajarshi Shahu College of Engineering Pune | Professor and Dean IQAC | Mar 2021 | Present | 5Y 0M    |

Research Publication

| #  | Title                                                                                                                                                                 | Journal                                                                                                                                           | Year     |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1  | Manufacturing and performance evaluation of dimpled sheets: A comprehensive review                                                                                    | Next Materials Volume 11, April 2026, 101882                                                                                                      | Apr-2026 |
| 2  | Air-cooled and PCM-cooled battery thermal management systems of an electric vehicle: a technical review                                                               | Engineering Research Express DOI: 10.1088/2631-8695/adc876                                                                                        | Apr-2026 |
| 3  | Design and weight optimization of smart modular rooftop farming structure of different materials                                                                      | IEEE Publications DOI: 10.1109/ICETI4T63625.2025.11132144                                                                                         | Jun-2025 |
| 4  | Comparative Analysis of Feedback Data Generation Using Generative AI for Micro Ultrasonic Machining                                                                   | SSRN Elsevier                                                                                                                                     | Feb-2025 |
| 5  | Modelling of Density and Tensile Strength of Wollastonite-Filled Epoxy Composites                                                                                     | Lecture Notes in Mechanical Engineering, DOI: 10.1007/978-981-99-5946-4_12                                                                        | Mar-2024 |
| 6  | Comparative Experimental Analysis and Performance Optimization of Single-Cylinder DI and HCCI Engine with Series Catalytic Converters                                 | Journal of Advanced Research in Fluid Mechanics and Thermal Sciences121, Issue 1(2024) 173-187, DOI: https://doi.org/10.37934/arfmts.121.1.173187 | Sep-2024 |
| 7  | Investigating the influence of peak internal air temperature (PIAT) on material characteristics of linear low-density polyethylene (LLDPE) during rotational moulding | Engineering Research Express. DOI: 10.1088/2631-8695/ad1d22                                                                                       | Mar-2024 |
| 8  | Investigation on Water Erosion Behavior of Ti-based Metal Matrix Composite: Experimental Approach                                                                     | Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, doi.org/10.37934/arfmts.121.1.173187                                        | Oct-2024 |
| 9  | Multi-response optimization for a low-cost multi-dimpling process                                                                                                     | International Journal of Quality and Reliability Management, DOI: 10.1108/IJQRM-12-2022-0343, (2023) 40 (10): 2443-2462.                          | Apr-2023 |
| 10 | An Investigation into the Mechanical Properties of an Epoxy-Based Composite Made From Jute Fiber and Reinforced With Sal Tree Gum Powder                              | Journal of The Institution of Engineers (India): Series D, DOI: 10.1007/s40033-023-00545-z, Volume 105, pages 665-674                             | Sep-2023 |
| 11 | Defect Analysis Through Metallurgical Testing Methods for Linear Low-Density Polyethylene (LLDPE) at Different PIAT Values During Rotational Molding Process          | Journal of Failure Analysis and Prevention, DOI: 10.1007/s11668-023-01722-8, Volume 23, pages 1752-1764,                                          | Aug-2023 |

Published Books / Chapters

| # | Book Title                                                                                                             | Publisher                                                 | Institution                                                  |
|---|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------|
| 1 | Manufacturing Process-1                                                                                                | Satya Prakashan New Delhi                                 | SPPU Pune, Galgotia University                               |
| 2 | Manufacturing Process-II                                                                                               | Satya Prakashan New Delhi                                 | SPPU Pune, Galgotia University, Chandigarh University        |
| 3 | CAD CAM Automation                                                                                                     | TECHMAX Publications Pune                                 | SPPU Pune etc                                                |
| 4 | ICIMSI2021: International Conference on Intelligent Mechanical Systems for Industry 4.0                                | AIP Publishing Limited. https://doi.org/10.1063/5.0100877 | Across India and International level                         |
| 5 | 3RD INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL METHODS IN MECHANICAL ENGINEERING (11-13 FEBRUARY-2021) | AIP Publishing Limited                                    | Wadia College of Engineering and all Researches in the field |

Administrative Experience (Total: 15Y 7M)

| # | Post                         | Institution                                            | From     | To       | Duration |
|---|------------------------------|--------------------------------------------------------|----------|----------|----------|
| 1 | Professor and Dean IQAC      | Jspm's Rajarshi Shahu College of Engineering Pune      | Sep 2021 | Apr 2026 | 4Y 6M    |
| 2 | Professor and Dean Academics | G H Raisoni College of Engineering and Management Pune | Jun 2018 | Aug 2021 | 3Y 2M    |
| 3 | Professor and Vice Principal | G H Raisoni College of Engineering and Management Pune | Jun 2015 | Jun 2018 | 3Y 0M    |
| 4 | Professor and HOD            | G H Raisoni College of Engineering and Management Pune | Jul 2010 | Jun 2015 | 4Y 10M   |

Major Research

| # | Project Title                                                                                           | Value  | Agency    | From     | To       | Duration |
|---|---------------------------------------------------------------------------------------------------------|--------|-----------|----------|----------|----------|
| 1 | Design and Development of MR Damper for passenger CAR                                                   | 190000 | SPPU Pune | Aug 2016 | Dec 2018 | 2Y 4M    |
| 2 | Biodiesel Production Optimization using Heterogeneous Catalyst (Al2O3) in Karanja oil by Taguchi Method | 90000  | BCUD SPPU | Sep 2018 | Apr 2019 | 0Y 7M    |

International Experience

| # | Organization / Body                            | Experience                                                    |
|---|------------------------------------------------|---------------------------------------------------------------|
| 1 | NSY-Sen University Taiwan                      | Research Interaction and MOU                                  |
| 2 | Petronos University, Malaysia. Mechanical dept | Organization of Collaborative Conference on ICREEM 2022 march |

Statutory Authorities

| # | Institution                                            | Statutory Forum                                       | From     | To       |
|---|--------------------------------------------------------|-------------------------------------------------------|----------|----------|
| 1 | JSPM's RSCOE Pune                                      | BOS Chairman Mechanical Engineering                   | Dec 2021 | Mar 2023 |
| 2 | G H Raisoni College of Engineering and Management Pune | Dean Academics                                        | Jul 2016 | May 2018 |
| 3 | Thakur College of Engineering and Technology Mumbai    | External BOS Member                                   | Aug 2019 | Oct 2022 |
| 4 | L R Tiwari College of Engineering Mumbai               | External BOS Member                                   | May 2025 | Apr 2026 |
| 5 | KJE's TCOER Pune                                       | External V.C Nominee in BOS Committee                 | May 2025 | Apr 2026 |
| 6 | Wadia College of Engineering Pune                      | Invited External Member In Dept Advisory Board Member | Jul 2019 | Apr 2026 |

Quality Assurance Experience

| # | Area | Institution                                            | From     | To       | Achievements           |
|---|------|--------------------------------------------------------|----------|----------|------------------------|
| 1 | NBA  | G H Raisoni College of Engineering and Management Pune | Sep 2018 | Aug 2021 | Accredited for 3 Years |
| 2 | NBA  | JSPM's RSCOE Pune                                      | Jun 2023 | Jun 2025 | Accredited for 3 Years |

PhD Student Guided

| # | Guide No | Co-Guide No |
|---|----------|-------------|
| 1 | 8        | -           |

Youth Development Experience

| # | Activity                                          | Institution       | Achievements                                          | From     | To       | Duration |
|---|---------------------------------------------------|-------------------|-------------------------------------------------------|----------|----------|----------|
| 1 | ASME Chapter Activities                           | JSPM's RSCOE Pune | Participation in ASME Events and Journal publications | Aug 2023 | Jun 2024 | 0Y 10M   |
| 2 | SUPRA/BHAHA -Society of Automotive Engineers -SAE | JSPM's RSCOE Pune | Won 2Nd Prize in Regional level                       | Mar 2023 | Mar 2023 | 0Y 0M    |