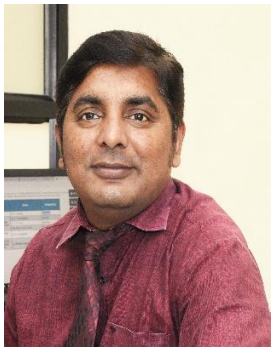
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Name of Faculty	Achievement
 **Dr. Mahesh V. Raut, HOD (CE)**	**Awards Received:** ● Best Poster Presentation Award by AMERICAN CHEMICAL SOCIETY (ACS), at International Conference on Advances in Sustainable Research for Energy & Environmental Management (ASREEM-2021) Surat (SVNIT-Surat) ● Received research contribution award from Indian Concrete Institute (ICI) in 2022 **Patent Granted on:** ● Process for preparation for concrete mix using fly ash and glass fibre ● Pen to measure distance ● Handheld device for construction mixture analysis **Patent Published on:** ● Self-Healing Mortar & Concrete by using Mojavensis **Copyright Awarded on:** ● Comparative analysis of conventional method and mivan method of construction **NPTEL:** ● Basic Construction Materials ● Maintenance and Repair of Concrete ● Geotechnical Engineering Laboratory **Grants Received:** ● Received grant of 75000 for conduction of workshop on Planning and Development for Sustainable Construction in 2018 funded by TEQIP-III. **Reviewer / Editorial Activities:** ● Reviewer for Journal of Engineering Science and Technology (E-SCI) ● Editorial board member for Journal of Research on Engineering Structures & Materials (SCOPUS) ● Reviewer for Sigma Journal of Engineering and Natural Sciences (SCOPUS) ● Reviewer for Iranian Journal of Energy and Environment

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	Expert Talks / FDP / Workshops: ● Resource person for FDP on "Sustainable Concrete & Environmental Impact" at J D College of Engineering and Management, Nagpur -2024 ● Resource person for STTP on "Innovations in Sustainable Civil Infrastructure & Digital Construction" at J D College of Engineering and Management, Nagpur -2023 ● Resource person for National Conference on Trending Technology for achieving sustainable development goals- MANTHAN 2K23 at Agnihotri College of Engineering, Wardha - 2023

Professor

Name of Faculty	Achievement
 **Dr. Tushar G. Shende**	**Awards Received:** ● Received **"Best Paper award"** by Jhulelal Institute of Technology, Nagpur at "International Conference on Science & Technology for Science" (2015) ● Received National Level Award **"Academic Excellence in Technical Education"** by Society of Technologically Advanced Material of India at BIT, Raipur (2024) **Patent Granted on:** ● A Composition comprises of Beetroot for Internal Curing of Concrete and Cement Mortar and Method of Preparation thereof (2025) **Patent Published on:** ● Iot And Artificial Intelligence Based Controlling of Smart Movable Road Driver and Clearance Ambulance Path (2022) ● Effect Of Environmental Pollution on The Ph of Rainwater (2022) ● A Composition of Concrete Comprises Of E- Waste (2022) ● A System for Multiple Oral Diseases Identification Based on Colour Images (2023) ● Enhanced Digital Simply Supported Beam Experimental Setup for Precision Analysis (2025) ● Self-Healing Mortar & Concrete by Using Mojavensis (Bacteria) (2025)

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	Copyright Awarded on: ● Suitability of Local materials as an Ingredients of masonry cement (2018) ● Experimental investigation of tyre rubber in concrete (2019) ● Experimental investigation on industrial waste materials for green concrete (2019) ● Experimental investigation on low grade cement by using waste products (2019) ● Analysis and Design of Columns subjected to Bi-axial Moments (2021) ● Experimental Investigation on Design of Papercrete as Base Board using Waste Paper (2021) ● Experimental Investigation on Pervious Concrete Paver block by using Waste Paper (2021) ● Introduction to Retaining Wall (2021) **Grants Received:** ● Received grant of 2,20,000/- on Development of masonry cement from local materials (Vidarbh Region) as an ingredient in 2023 funded by of Rashtrsanth Tukdoji Maharaj Nagpur University, Nagpur under RGSTC Fund ● Received Seed Money Project Proposal titled **"To Develop equipment for finding the support reaction"** ● Received Seed Money Project Proposal titled **"To Develop equipment for verifying the D Alemberts Principle"** **Expert Talks / FDP / Workshops:** ● Resource person for FDP on **"Sustainable Concrete & Environmental Impact"** at J D College of Engineering and Management, Nagpur - 2024 ● Resource person for FDP on **"Importance of Soft Skill & NEP in Recent Scenario"** at Guru Nanak Institute of Technology, Nagpur -2023

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Associate Professor

Name of Faculty	Achievement
 **Dr. Ashwini R. Tenpe**	● **Awards Received: - NA** ● **Patent Granted on: - NA** ● **Patent Published on:** **1.** Sustainable High strength concrete with Rice Husk Ash - Patent No. 202521034788, Date of publishing: 02-05-2025 ● **Copyright Awarded on:** 1. Phases of soil & Relationship between Various Physical Properties (L-144348/2024) 2. Paver Block by Using Waste Material (4654/2025-CO/L) (Date of filing: 29/04/2025) ● **Book Published on Title: - NA** ● **NPTEL:** 1. Geotechnical Engineering-I- 25-26 2. Geotechnical Engineering Laboratory-24-25 ● **Grants Received: -** ● **Reviewer / Editorial Activities:** 1. Reviewer in Environmental Earth Science (SCI Journal) (23-24) 2. Reviewer at Scopus Indexed Conference: International Conference on Advances in Structural Engineering & Construction Materials (ICASEMS- 2025) organized at GHRCE, Nagpur • **Expert Talks / FDP / Workshops:** 1. Expert talk on 11/11/2024 in STTP on "Latest trends in Machine Learning" organized by PCE, Nagpur 2. Expert talk on 14/02/2024 in STTP on "Machine Learning Applications in Civil Engineering" organized by Dr. J. J. Magdum College of Engineering, Jaysingpur, Kolhapur

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Associate Professor

Name of Faculty	Achievement
 **Dr. Santosh Kumar Verma**	**Awards Received:** ● NA **Patent Granted on:** ● NA **Patent Published on:** ● NA **Copyright Awarded on:** ● Understanding risk and vulnerability in disaster management. **NPTEL:** ● NA **Grants Received:** ● NA **Reviewer / Editorial Activities:** ● Editorial board member for Earth Sciences (EARTH) ● Reviewer for Land Degradation and Development (Wiley) ● Reviewer for Environment, Development and Sustainability (Springer) ● Reviewer for World Review of Science, Technology and Sustainable Development (Inder science Publisher) ● Reviewer for World Review of Entrepreneurship, Management and Sustainable Development (Inder science Publisher) ● Reviewer for Bulletin of Environmental Contamination and Toxicology (Springer) **Expert Talks / FDP / Workshops:** ● NA

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List of Assistant Professor's

Name of Faculty	Achievement
 **Dr. Monika Jain**	● **Patent Granted on:** - An Anchorage Plate for Post Tensioning of a Prestressed Concrete (Utility) ● **Patent Published on:** - Sustainable High-Strength Concrete with Rice Husk Ash ● **Copyright Awarded on:** - Understanding Risk and Vulnerability in Disaster Management', Registration Number. L-161656/2025. - INTRODUCTION TO SAP2000. Registration Number. L-140442/2024 - Pavement Design, Registration Number. L-78088/2018. ● **NPTEL:** Basic Construction Materials ● **Reviewer / Editorial Activities:** - Served as a reviewer at the "International Conference on AI-Driven Engineering and Technology" held at St. Vincent Pallotti College of Engineering. - Served as a reviewer at the Wiley publication journal, "Engineering Reports" ● **Expert Talks / FDP / Workshops:** - "Post-Tensioned Construction Over Conventional RC Construction" organized by the Civil Engineering Department of St. John College of Engineering & Management, Mumbai. - Resource Person in the STTP on "Recent Advances in Civil Engineering" organized by Priyadarshini College of Engineering, Nagpur, on 14 February 2024.

Name of Faculty	Achievement

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Dr. Vijaya K. Kotapati

Achievements Details:

- **Patent Granted on:**
  - NA
- **Patent Published on:**
  - NA
- **Copyright Awarded on:**
  - NA
- **NPTEL:** NA
- **Reviewer / Editorial Activities:**
  - Served as a Editorial board member in Journal of Safety Studies, Stem Institute press.
  - Served as a reviewer Iranian Journal of Science and Technology, Transactions of Civil Engineering, Springer.
- **Expert Talks / FDP / Workshops:**

- NA

Name of Faculty	Achievement
 **Ms. Deepa Telang**	● **Awards Received: NA** ● **Patent Granted on:** Innovative fuel tank cap design for enhanced usability. Design No-452130-001 Date - 20/03/2025 Circular Multi-Level Crucible Tray Design No - 457190-001. Date-30/04/2025. AI- Based Smart structural Monitoring device for Civil Infrastructure. Application No 491331-001 Journal No -17/2026 Date-24/04/2026. **Patent Published on:** A mechanical property of concrete with fine and coarse recycled aggregates. Application No.202221019099 A Publication Date,22/07/2022. **Copyright Awarded on:** Impact influence of industrial wastewater in Nagpur area on properties of silica fumed concrete. The analysis and design of PEB for auditorium Partial replacement of cement with marble dust powder & fly ash with M25 grade. **Book Published on Title:**

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	Artificial Intelligence in Civil Engineering Concept, Meaning, and Evolution of Research Methodology. **NPTEL:** Maintenance and Repair of Concrete Structurs-23-24 **Reviewer / Editorial Activities:** Reviewer for International Conference on Recent Advancement Infrastructural Development, Water Management & Climate Change. Reviewer for Advances in Structural Engineering & Material Science-ICASEMS-2025. **Expert Talks / FDP / Workshops:** Resource person for STTP on Latest trends in Machine Learning on 23/11/2024 at PCE Nagpur FDP on Artificial Intelligence and Machine Learning for Next Generation IoT Network at J D College of Engineering and Management, Nagpur -2024 FDP on Sustainable Development in Civil Engineering- at J D College of Engineering and Management, Nagpur -2023

Name of Faculty	Achievement
 **Mr. Rahul Hinge**	• **Awards Received:** Best Paper Award in International Conference on Clean and Smart City and Villages. • **Patent Granted on:** Handheld Device for Construction Mixture Analysis Pen to measure distance • **Copyright Awarded on:** Importance of Soil in Civil Engineering and Field Application of Soil Mechanics Paver Block by using Waste Material Sludge Brick Experimental Study on Pervious Concrete by using Fly Ash and Silica fume Effect of Quarry Dust as a Partial

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	Replacement of Sand in Foam Concrete using OPC Experimental Study on Behavior of Self Compacting Concrete Confined with Ferro cement ● **NPTEL:** Maintenance and Repair of Concrete Structures Basic Construction Materials ● **Reviewer / Editorial Activities:** Reviewer in Sigma Journal of Engineering and Natural Sciences ● **Expert Talks / FDP / Workshops:** FDP on Sustainable Practices and Innovative Trends in Civil Engineering STTP on Recent Advances in Civil Engineering FDP on Advanced Materials Mathematical Tools

Name of Faculty	Achievement
 **Ms. Abhilasha G. Deshmukh**	**Awards Received:** ● Best Paper Award at the International Conference on Advances in Structural Engineering and Material Sciences (ICASEMS-2025) at GHRCE Nagpur **Patent Granted on:** ● Infrared Equipped Night Vision Spectacles- 396929-001 **Patent Published on:** ● Enhanced Moving Bed Biological Reactor with Electro-Coagulation Pretreatment -Application No.202521077255 A **NPTEL:** Sustainable Engineering Concepts and Life Cycle - SILVER Wastewater Treatment and Recycling- ELITE Basic Environmental Engineering and Pollution Abatement Roadmap for Patent Creation-ELITE Research Methodology in Natural Sciences

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	Effective Writing-ELITE Sustainable Engineering Concepts and Life Cycle Analysis - SILVER **Reviewer / Editorial Activities:** Reviewer for Sigma Journal of Engineering and Natural Sciences (SCOPUS) **Expert Talks / FDP / Workshops:** Guest Faculty in 2024-25 at BITS Pilani, WILP M.Tech. Program.

Name of Faculty	Achievement
 **Mr. Aaquib Ansari**	● **Awards Received:** a. NPTEL Discipline Star b. NPTEL Believer c. Awarded NPTEL Certificate of Elite + Silver (5% Topper). ● **Patent Granted on:** a. Pen to Measure Distance b. Handheld Device for Construction Mixture Analysis c. Renewable Energy Power Optimization Device ● **Patent Published on:** a. Sustainable high-Strength concrete with rice husk ash. • **Copyright Awarded on:** a. Measuring Distance, Level and Temperature By Using IoT Sensors In One Device b. Comparative Analysis Between Concrete Containing Nylon Zip Ties and Waste Electric Wire c. Lighting and ventilation d. Railway Station, yards and Signaling ● **Book Published on Title:** Strength of Materials. ● **NPTEL:** Geotechnical Engineering Laboratory_ Elite (71%) Soil Mechanics _ Elite + Silver (85 %) Geotechnical Engineering –II_ Elite (65%) Foundation Engineering_ Elite (64%) Research Methodology in Natural Sciences_ Elite + Silver (88 %) + 5% Topper Patent Drafting for Beginners _ Elite (71%)

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	● **Reviewer / Editorial Activities:** a. Reviewer at "Sigma Journal of Engineering and Natural Sciences" b. Reviewer at "International conference on sustainability and innovation in engineering, Technology and applied Sciences (ICSIETS 2026) ● **Expert Talks / FDP / Workshops:** a. FDP on "Sustainable Practices and Innovative Trends in Civil Engineering" b. STTP on "Recent Advances in Civil Engineering"

Name of Faculty	Achievement
 **Ms. Bhavana Kalbande**	**NPTEL:** 1. Subsurface Exploration: Importance and Techniques Involved-25-26 2. Geosynthetics and Reinforced Soil Structures-24-25 3. Research Methodology-24-25 4. National Education Policy2020: Professional Development Programme-23-24. • **Expert Talks / FDP / Workshops:** Expert talk on 03/05/2023 in FDP on Sustainable Development in Civil Engineering organized by J D College of Engineering and Management, Nagpur

Name of Faculty	Achievement
 **Mr. Pawan Dhone**	● **NPTEL:** 1. Hydraulic Engineering-22-23 • **Expert Talks / FDP / Workshops:** 1. Expert talk on 22/09/2022 in Workshop on Sustaining Quality Culture in Autonomous Institutions: Impact and Challenges organized by Jhulelal Institute of Technology, Nagpur