Conference Papers:

1. **Dr. Divya Padmanabhan** presented *Nanozirconia Synthesis Through a Novel Method-Salt Incorporated Precursor Spraying* at the *International Conference on Powder Metallurgy and Particulate Materials + Exhibition 2023 (PM-23)* (International, March 2023). Affiliated with PCE, New Panvel.

2. **Dr. Sharvari Govilkar** authored *Big Data Computing Advances in Technologies, Methodologies, and Applications* and contributed a chapter titled *Leveraging Big Data Analytics and Conversational AI for Agriculture*. The work will be published in *Advances in Technologies, Methodologies, and Applications* (Taylor and Francis, February 2024, pp. 180–195). Affiliated with PCE, New Panvel.

3. **Dr. Sharvari Govilkar** presented *Text Similarity from Image Contents using Statistical and Semantic Analysis Techniques* at the *4th International Conference on NLP Trends & Technologies (NLPTT)* (International, June 2023, ISBN 978-1-923107-02-1). Affiliated with PCE, New Panvel.

4. **Dr. Sharvari Govilkar** authored *Empowering Multilingual Abstractive Text Summarization: A Comparative Study of Word Embedding Techniques* for *ICEAI 2023: International Conference on Evolutionary Artificial Intelligence* (International, September 2023). Affiliated with PCE, New Panvel.

5. **Dr. Sharvari Govilkar** contributed to *A Comprehensive Research on Emotion Detection Techniques for Pure and Code Mixed Indian Regional Languages* at the *Conference on Technologies for Future Cities* (International, October 2023). Affiliated with PCE, New Panvel.

6. **Dr. Sharvari Govilkar** presented *Comparative Analysis of Named Entity Recognition in Indian Language Texts: Monolingual and Code-Mixed Languages* at the *Conference on Technologies for Future Cities* (International, October 2023, 6th-7th). Affiliated with PCE, New Panvel.

7. **Geeta J Karmarkar** presented *Mechanical Characterization of HA-HDPE Composite* at the *National Conference on Material Science and Technology (NCMST 2024)*, held at St. Thomas College, Palai, Kottayam, Kerala, organized by the Department of Physics.

8. **Ameya N** authored *The Application of Virtual Reality in Automotive Design* in the *ARAI Journal of Mobility Technology* (National). Affiliated with PCE, New Panvel.

9. **Ameya N** presented *Development of Automobile Scaled Model from CAD (Blender) using FDM 3D Printing* at the *2nd International Conference on Advances in Technology and Management (ICATM-2024)* (International, April 2024). Affiliated with PCE, New Panvel.

10. **Mimi Cherian** authored *Survey on Virtual Recruitment System* for the *2023 5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE)* (International, January 2023). Published by IEEE, DOI: 10.1109/ICNTE56631.2023.10146637. Affiliated with PCE, New Panvel.

11. **Payel Thakur** presented *Eyetech-Diabetic Retinopathy Detection* at the *2nd International Conference on Advances in Technology and Management (ICATM-2024)* (International, April 2024). Affiliated with PCE, New Panvel.

12. **K S Charumathi** presented *Recipe-Fusion: Multimodal Food Recipe Recommendation System* at the *2nd International Conference on Advances in Technology and Management (ICATM-2024)* (International, April 2024). Affiliated with PCE, New Panvel.

13. **Dr. Monali Patil** authored *Overcoming The Challenges in Multi-Class Context-Based Sentiment Analysis* for the *3rd International Conference on Emerging Trends and Technologies on Intelligent Systems (ETTIS-2023)*, organized by CDAC-Delhi. The paper was awarded Best Paper and communicated for publication in *Lecture Notes in Networks and Systems* (Scopus indexed). Affiliated with PCE, New Panvel.

14. **Suresh Babu K.S** presented *Node Classification in Website Fingerprinting using Graph Neural Networks* at the *2nd International Conference on Advances in Technology and Management (ICATM-2024)*, organized by A.C. Patil College of Engineering, Kharghar, Navi Mumbai. The paper was awarded Best Paper (International, April 2024). Affiliated with PCE, New Panvel.

15. **Priyanka Sherkhane** presented *Verinote - Fake Currency Detection Using CNN* at the *International Conference on Advances in Science, Technology, and Management (ICASTM-2024)* (International, April 25-26, 2024). Affiliated with PCE, New Panvel.

16. **Dr. Jyoti Deshmukh** authored *Video Captioning System Using Sequence to Sequence Model* for the *7th International Conference on Computing, Information Electronics, and Electrical Engineering* (International, April 2024), held at Idhaya Engineering College for Women, Chinnasalem. Affiliated with PCE, New Panvel.

17. **Leenata Parab** authored *Cryptocurrency with Blockchain Technology – A Literature Review* for the *Somaiya International Conference on Technology and Information Management (SICTIM)* (International, March 2023), IEEE, Electronic ISBN: 979-8-3503-3329-9. Affiliated with PCE, New Panvel.

18. **Ms. Diksha Kale** presented *Detecting Phishing Websites using Hybrid Methodologies* (International, April 2024), DOI: 10.1109/SICTIM56495.2023. Affiliated with PCE, New Panvel.

19. **Ms. Vrushali Bahurupi** authored *A Deep Learning Approach to Facilitate Green Career Path Decisions for Students* (International, March 24-25, 2023). Published by IEEE in August 2023. Affiliated with PCE, New Panvel.

20. **Mr. Ninad Gaikwad (FE)** presented *Hate Speech Detection Using Sentiment Analysis* at the *2nd International Conference on Advances in Technology and Management (ICATM-2024)* (International, April 2024). Affiliated with PCE, New Panvel.

21. **Deepa Ekhande** presented *Web Application for Company Stock Price Prediction* at the *International Conference on Advancements in Science, Technology, and Management* (International, April 2024). Affiliated with PCE, New Panvel.

22. **Arpita Agarwal** presented *Drowsiness Detection and Alert System* at the *International Conference on Advances in Science, Technology, and Management* (International, April 2024). Affiliated with PCE, New Panvel.

23. **Radhika Fulzele** presented *Code Righter - An Online Code Compiler with AI Code Completion* at the *International Conference on Advances in Science, Technology, and Management* (International, April 2024). Affiliated with PCE, New Panvel.

Book and/or Book Chapters

1. **Dr. Gajanan Thokal** authored *Design of Mechanical System* (October 2023), published by Nirali Prakashan. Affiliated with PCE, New Panvel.

2. **Dr. Moutusi De** authored *Cutting-edge Applications of Nanomaterials in Biomedical Science* in *Nanotechnology and Its Applications in Biomedical Sciences* (International, January 2024). DOI: 10.4018/979-8-3693-0448-8.ch003. Published by IGB Global. Affiliated with PCE, New Panvel.