

PCE Faculty Publications A.Y 2022-23

Conference Publications:

1. **Dr. Sharvari Govilkar** authored the paper titled *Visual Question Answering System for Indian Regional Languages* in the *2022 5th International Conference on Advances in Science and Technology (ICAST)*, December 2022. ISBN: 978-1-6654-9264-5. IEEE.
2. **Dr. Sharvari Govilkar** authored the paper titled *Severity Detection of Cyberbullying in Online Social Networks Using Machine Learning: Experimental Analysis* in the *2022 5th International Conference on Advances in Science and Technology (ICAST)*, December 2022. ISBN: 978-1-6654-9264-5. IEEE.
3. **Dr. Sharvari Govilkar** authored the paper titled *Fake News Detection on Datasets* in the *2022 5th International Conference on Advances in Science and Technology (ICAST)*, December 2022. ISBN: 978-1-6654-9264-5. IEEE.
4. **Dr. Sharvari Govilkar** authored the paper titled *Performance Analysis of Machine Learning and Deep Learning Techniques for Answer Type Extraction of Marathi Questions* in the *5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE)*, January 2023. ISBN: 978-1-6654-6505-2. IEEE.
5. **Dr. Sharvari Govilkar** authored the chapter titled *Big Data Computing: Advances in Technologies, Methodologies, and Applications* in the book *Big Data Computing: Advances in Technologies, Methodologies, and Applications*, December 2023. ISBN: 9781032555607. Taylor & Francis.
6. **Dr. Sushopti Gawade** authored the chapter titled *GRAD-Grape Disease Management with IoT* in the book *Real-Life Applications of the Internet of Things: Challenges, Applications, and Advances*, August 2022. ISBN: 9781003277460. Apple Academic Press, CRC Press, Taylor & Francis Group.
7. **Dr. Sushopti Gawade** authored the chapter titled *Toward Security in Software-Defined Networks with Trust and Monitoring* in the book *Holistic Approach to Quantum Cryptography in Cyber Security*, August 2022. ISBN: 9781003296034. CRC Press.
8. **Dr. Sushopti Gawade** authored the paper titled *Impact of Social Media like WhatsApp for Education* in the *6th International Conference on Information Systems and Computer Networks (ISCON 2023)*, March 2023. ISBN: 979-8-3503-4697-8. IEEE.
9. **Dr. Sushopti Gawade** authored the paper titled *AGROFERDURE: Intelligent Crop Recommendation System for Agriculture Crop Productivity Using Machine Learning Algorithms* in the *IEEE International Conference on Computer, Electronics & Electrical Engineering and their Applications (IC2E3)*, June 2023. ISBN: 979-8-3503-3801-0. IEEE.
10. **Mrs. Sangeetha Selvan** authored the paper titled *Survey on Job Recommendation Systems Using Machine Learning* in the *International Conference on Innovative Data Communication Technologies and Application (ICIDCA)*, March 2023. ISBN: 979-8-3503-9721-5. IEEE.
11. **Mrs. Mimi Mariam Cherian** authored the paper titled *Survey on Virtual Recruitment System* in the *International Conference on Nascent Technologies in Engineering (ICNTE)*, January 2023. ISBN: 978-1-6654-6505-2. IEEE.

12. **Mrs. Supriya Khaitan** authored the paper titled *A Comparison of Genetic Algorithm Operators for the Seat Allocation Problem* in the 2022 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N), December 2022. ISBN: 978-1-6654-7437-5. IEEE.
13. **Dr. Sanjeev Kumar Srivastava** authored the book titled *IoT World*, published by Namya Press, December 2022. ISBN: 9789355451422.
14. **Mrs. Suchitra A. Patil** authored the paper titled *Depth Estimation of Monocular Images Using Transfer Learning Based Unet Model* in the 2022 IEEE Bombay Section Signature Conference (IBSSC), February 2023. Electronic ISBN: 978-1-6654-9291-1; Print-on-Demand ISBN: 978-1-6654-9292-8. IEEE.
15. **Dr. Satishkumar L. Varma** authored the chapter titled *Detection of Emotional Cues of Depression Due to COVID-19 Pandemic* in the book *Pandemic Detection and Analysis through Smart Computing Technologies*, June 2022. Hard ISBN: 9781774910320; E-Book ISBN: 9781003281610. Apple Academic Press, Taylor & Francis.
16. **Dr. Satishkumar L. Varma** authored the paper titled *Extrication of Survival Associated Genes of Glioblastoma Multiforme Patient through Statistical Modeling* in the 2022 5th International Conference on Advances in Science and Technology (ICAST), December 2022. Electronic ISBN: 978-1-6654-9263-8; Print-on-Demand ISBN: 978-1-6654-9264-5. IEEE.
17. **Dr. Satishkumar L. Varma** authored the paper titled *A Survey on Community Detection Methods and its Application in Biological Network* in the 2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC), June 2022. Electronic ISBN: 978-1-6654-9710-7; DVD ISBN: 978-1-6654-9709-1; Print-on-Demand ISBN: 978-1-6654-9711-4. IEEE.
18. **Dr. Madhu M. Nashipudimath** authored the paper titled *Respiratory Disease Prediction Using Deep Learning* in the International Conference on Multidisciplinary Research (ICMR), Mumbai, April 2023. Publisher: Society for Advanced Academic Research and Development.
19. **Ms. Shweta A. Patil** authored the paper titled *Cryptocurrency with Blockchain Technology — A Literature Review* in the Somaiya International Conference on Technology and Information Management (SICTIM), March 2023. Electronic ISBN: 979-8-3503-3329-9; Print-on-Demand ISBN: 979-8-3503-3330-5. IEEE.