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| **3.3.5 FACULTY PUBLICATIONS IN CONFERENCES, BOOKS AND CHAPTERS (ADDITIONAL INFORMATION)** | | | | | | |
| **Sl. No.** | **Name of the teacher** | **Title of the book/chapters published** | **Title of the paper** | **Title of the proceedings of the conference** | **Name of the conference** | **Page No/DOI** |
|  | Dr. Ketaki Joshi,Dr. Bhushan Patil | - | Prediction of Surface Roughness by Machine Vision using Principal Components based Regression Analysis | Procedia Computer Science | International Conference on Computational Intelligence and Data Science (ICCIDS 2019) | <https://doi.org/10.1016/j.procs.2020.03.242> |
|  | Prof. Hitendra Vaishnav,Dr. Ketaki Joshi,Dr. Bhushan Patil | Patnaik S. (eds) New Paradigm of Industry 4.0. Studies in Big Data | Principal Components Based Multivariate Statistical Process Monitoring of Machining Process Using Machine Vision Approach | - | - | <https://doi.org/10.1007/978-3-030-25778-1_7> |
|  | Dr. Ketaki Joshi,Dr. Bhushan Patil | ICIMA 2020 | Measurement of Spur Gear Parameters Using Machine Vision | Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering | International Conference on Intelligent Manufacturing and Automation, ICIMA 2020 | <https://doi.org/10.1007/978-981-15-4485-9_4> |
|  | Dr. Ketaki Joshi,Dr. Bhushan Patil | - | Machine vision based interferometry for measurement of flatness error in micro and nano manufacturing | IOP Conference Series: Materials Science and Engineering | second international conference on Materials Science and Manufacturing Technology 2020, ICMSMT2020 | [10.1088/1757-899X/872/1/012066](https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.1088%2F1757-899X%2F872%2F1%2F012066) |
|  | Prof. Deepika Singh,Prof. D S S Sudhakar,Dr. Bhushan Patil | - | Simulation and optimization for a plastic component | IOP Conference Series: Materials Science and Engineering | second international conference on Materials Science and Manufacturing Technology 2020, ICMSMT2020 | <https://iopscience.iop.org/article/10.1088/1757-899X/872/1/012072/meta> |
|  | Prof. Dipali Bhise,Dr.Vasim Shaikh,Dr. Bhushan Patil | - | Investigating the microlubrication flow inside the nozzle using computational fluid dynamics. | materialstoday:Proceedings | International conference on Recent Advances in Materials and Manufacturing,ICRAMM 2019 | <https://doi.org/10.1016/j.matpr.2019.11.290> |
|  | Prof. Hitendra Vaishnav,Dr. Ketaki Joshi | - | Finite Element Simulation of Milling Process with Cryogenic Precooling of Workpiece | Proceedings of ICRAMM2019 | First International Conference on Recent Advances in Materials and Manufacturing ICRAMM | Page 12-14 |
|  | Prof. Deepika Singh,Dr.Vasim Shaikh,Dr. Bhushan Patil | - | Plastic injection molded door handle cooling time reduction investigation using conformal cooling channels | materialstoday:Proceedings | International conference on Recent Advances in Materials and Manufacturing,ICRAMM 2019 | <https://doi.org/10.1016/j.matpr.2019.11.316> |
|  | Prof. M V B Rao,Prof. D S S Sudhakar,Dr.Vasim Shaikh,Dr. Bhushan Patil | - | Turned AISI 4340 Heat-Treated Steel Surface Quality Investigations inDry and MQL Cooling Conditions | IOP Conference Series: Materials Science and Engineering | second international conference on Materials Science and Manufacturing Technology 2020, ICMSMT2020 | <https://iopscience.iop.org/article/10.1088/1757-899X/872/1/012090/pdf> |
|  | Prof. M V B Rao,Prof. D S S Sudhakar,Dr.Vasim Shaikh,Dr. Bhushan Patil | - | Study of recitification of issues faced by ultrasonic welding of medical e-stethescope by adhesive bonding technique | IOP Conference Series: Materials Science and Engineering | second international conference on Materials Science and Manufacturing Technology 2020, ICMSMT2020 | <https://iopscience.iop.org/article/10.1088/1757-899X/872/1/012088> |
|  | Prof. Binsy Joseph | - | Design and Simulation of Wireless Power Transfer for Electric Vehicle | Proceedings of International Conference on Advances in Computing, Communication and Control | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9036745](https://doi.org/10.1109/ICAC347590.2019.9036745) |
|  | Prof. Monica Khanore | - | Hybrid Interference Cancellation for Stationary and Non-Stationary Users in DS-CDMA | Proceedings of International Conference on Advances in Computing, Communication and Control | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9036740](https://doi.org/10.1109/ICAC347590.2019.9036740) |
|  | Prof. Monica Khanore | - | Automation of Attendance System using Facial Recognition | Proceedings of International Conference on Advances in Computing, Communication and Control | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9036819](https://doi.org/10.1109/ICAC347590.2019.9036819) |
|  | Prof. Sushma Nagdeote | - | Portable Biometric Attendance System Using IOT | 2019 4th International Conference on Information Systems and Computer Networks (ISCON) | International Conference on Information Systems and Computer Networks | [10.1109/ISCON47742.2019.9036275](https://doi.org/10.1109/ISCON47742.2019.9036275) |
|  | DR. D V Bhoir | - | Mathematical Modelling and Numerical Simulation of Novel Cantilever Beam Designs for Ohmic RF MEMS Switch Application | Proceedings of International Conference on Advances in Computing, Communication and Control | IEEE International Conference on Advances in Computing, Communication and Control (ICAC3 19) | [10.1109/ICAC347590.2019.9036830](https://doi.org/10.1109/ICAC347590.2019.9036830) |
|  | Prof. Sangeeta Parshionikar | - | Verification of 32 bit memory using layered test bench with optimum functional coverage and constrained randomization | Proceedings of International Conference on Advances in Computing, Communication and Control | International Conference on Advances in Computing, Communication and Control (ICAC3 19) | <https://doi.org/10.1007/978-981-15-4851-2_25> |
|  | Prof.Mahendra Mehra |  | Data Mining in Educational Systems for Effective Student Mentoring | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9036803](https://doi.org/10.1109/ICAC347590.2019.9036803) |
|  | Prof. Monali Shetty |  | Time Optimal Long Distance Trip Planning for Electric Vehicles | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICCUBEA47591.2019.9129188](https://doi.org/10.1109/ICCUBEA47591.2019.9129188) |
| 19 | Dr. Sujata Deshmukh |  | Investigating the microlubrication flow inside the nozzle using computational fluid dynamics | Materials Today | First International Conference on Recent Advances in Materials and Manufacturing 2019 | <https://doi.org/10.1016/j.matpr.2019.11.290> |
| 20 | Dr. Sunil Surve |  | Coordination and Synchronization in Multiagent System Based on Tilman Model of Resource Sharing | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9036776](https://doi.org/10.1109/ICAC347590.2019.9036776) |
| 21 | Prof. Mahendra Mehra |  | Home Security System using IOT and AWS Cloud Services | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9089839](https://doi.org/10.1109/ICAC347590.2019.9089839) |
| 22 | Prof. Dipali Koshti,Prof. Supriya Kamoji |  | Video Anomaly Detection using Inflated 3D Convolution Network | 2020 International Conference on Inventive Computation Technologies (ICICT) | 2020 International Conference on Inventive Computation Technologies (ICICT) | [10.1109/ICICT48043.2020.9112552](https://doi.org/10.1109/ICICT48043.2020.9112552) |
| 23 | Prof. Dipali Koshti,Prof. Supriya Kamoji |  | Image Processing based Vehicle Identification and Speed Measurement | 2020 International Conference on Inventive Computation Technologies (ICICT) | 2020 International Conference on Inventive Computation Technologies (ICICT) | [10.1109/ICICT48043.2020.9112419](https://doi.org/10.1109/ICICT48043.2020.9112419) |
| 24 | Dr. Sunil Surve,Dr. Brijmohan Daga |  | Dynamic real-time indoor environment mapping for Unmanned Autonomous Vehicle navigation | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9036813](https://doi.org/10.1109/ICAC347590.2019.9036813) |
| 25 | Prof. Monali Shetty |  | Virtual Mouse Using Object Tracking | 2020 5th International Conference on Communication and Electronics Systems (ICCES) | 2020 5th International Conference on Communication and Electronics Systems (ICCES) | [10.1109/ICCES48766.2020.9137854](https://doi.org/10.1109/ICCES48766.2020.9137854) |
| 26 | Prof. Dipali Koshti,Prof. Supriya Kamoji |  | Analysis of Growth and Planning of Urbanization and Correlated Changes in Natural Resources. | [Innovative Data Communication Technologies and Application](https://link.springer.com/book/10.1007/978-3-030-38040-3) | International Conference on Innovative Data Communication Technologies and Application. ICIDCA 2019 | <https://doi.org/10.1007/978-3-030-38040-3_23> |
| 27 | Prof.Ashwini Pansare,Prof. Monali Shetty | Structured Programmin Approach | - | - | - | 15 |
| 28 | Prof.Nilesh Patil | Machine Learning for Predictive Analysis, Lecture Notes in Networks and Systems | ML Suite: An auto machine learning tool | Proceedings of ICTIS 2020 | 4th International Conference on ICT for Intelligent Systems (ICTIS -2020) | <https://doi.org/10.1007/978-981-15-7106-0_48> |
| 29 | [Prof. Prajakta Dhamnaskar](https://ieeexplore.ieee.org/author/37088340146) | - | Human Computer Interaction using Hand Gestures and Voice | [2019 International Conference on Advances in Computing, Communication and Control (ICAC3)](https://ieeexplore.ieee.org/xpl/conhome/9018089/proceeding) | IEEE 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | [10.1109/ICAC347590.2019.9036817](https://doi.org/10.1109/ICAC347590.2019.9036817) |
| 30 | Prof. Unik Lokhande | Machine Learning for Predictive Analysis, Lecture Notes in Networks and Systems | Alzheimer's Disease Prediction Using Fastai Chiramel | Proceedings of ICTIS 2020 | 4th International Conference on Information and Communication Technology for Intelligent Systems ICTIS 2020 | <https://doi.org/10.1007/978-981-15-7078-0_76> |
| 31 | Dr. Srija Unnikrsihnan,Dr. D V Bhoir,Dr. Sunil Surve | - | - | Proceedings of International Conference on Advances in Computing, Communication and Control | 2019 International Conference on Advances in Computing, Communication and Control (ICAC3) | <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9036831> |
| 32 | Prof. S. Prabavathy,Prof. Archana Karandikar,Dr. Srija Unnikrsihnan | - | A Smart Decision Model for Vertical Handover using Correlation Matrix and Graph Theory, | - | National Conference on Mathematics and it’s Applications in Technology, VJTI, Mumbai, 2020. | **16** |
| 33 | Prof. S. Prabavathy,Dr. Srija Unnikrsihnan | - | Assessment and Prediction of Quality of Service of Wireless Networks using Support Vector Machines | - | 10th International Conference on Advances in Computing, Control and Telecommunication Technologies, ACT 2019, Cochin, 2019. (SCOPOUS) | **17** |











