

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years (10)

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
|--|---|--|---|---|--------------------------|---------------------|---|--|--|---|
| 2020-2021 | | | | | | | | | | |
| Madan Mohanrao Jagtap and Dr. Manjusha P. Deshmukh | Quality improvement through supplier selection | | - | - | International | 2020-2021 | ISBN: 9786139473809 | Saraswati College of Engineering, Kharghar | Lap Lambert Academic Publishing | https://www.lap-publishing.com/catalog/details/store/gb/book/978-613-9-47380-9/decision-of-supplier-selection-in-manufacturing-industry |
| Pooja Somani | - | Review on Optimisation of Water Distribution Networks by Leakage | Proceedings of the International Conference on Recent Advances in Computational Techniques (IC-RACT) 2020 | International Conference on Recent Advances in Computational Techniques (IC-RACT) 2020 | International | 2020-2021 | doi.org/10.2139/ssrn.3701764 | SCOE, Kharghar, Navi Mumbai | SSRN | https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3701764 |
| Dr. Saumya Singh | - | GIS Based Smart Waste Management System: A Review | Proceedings of International Conference on Advances in Mechanical & Civil Engineering - 2021 | AICTE Sponsored International Conference on Advances In Mechanical & Civil Engineering (IC-AMCE-2021) | International | 2020-2021 | ISBN: 978-1-7369640-2-6 | SCOE, Kharghar, Navi Mumbai | Printed in India, Thakur College of Engineering & Technology, Mumbai India | https://www.tcetmumbai.in/Multicon/2021/IC-AMCE%202021.pdf |
| Alka Purohit | Case Studies in Business Management- Indian Perspective | The Zoya Sparkle | | | National | 2020-2021 | 978-93-5433-184-8 | JBIMS, Mumbai | Himalaya Publishing House | http://www.himpub.com/documents/Chapter5110.pdf |
| Roshni John | | Planning and designing of an auditorium | Conference paper published in International Journal of Architectural Design and Management | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | DOI no.: 10.37628/IJADM | SCOE, Kharghar, Navi Mumbai | JournalPub | http://architecture.journalspub.info/index.php?journal=ija&page=article&op=view&path%5B%5D=760 |
| Roshni John | | Design and construction of a cost effective, eco-friendly outdoor cooling system | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1s4YPnmQV0u-PCupe_15wbotEBQJmS7o/view?usp=sharing |
| Roshni John | | Seismic Analysis and Design of Vertically Irregular Corporate Building | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/10SPkkj5NA0x9BwA9B2deu6oHrH5OKumA/view?usp=sharing |
| Dr. Saumya Singh | | GIS based solid waste management system for GN ward of Greater Mumbai | Conference paper published in INTERNATIONAL JOURNAL OF ENVIRONMENTAL PLANNING AND DEVELOPMENT | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | DOI no.: 10.37628/IJEPD | SCOE, Kharghar, Navi Mumbai | JournalsPub | http://architecture.journalspub.info/index.php?journal=IJP&page=article&op=view&path%5B%5D=781 |

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
|----------------------|--------------------------------------|---|---|--|--------------------------|---------------------|------------------------------------|--|-----------------------------|---|
| Dr. Saumya Singh | | Water Loss Management using EPANET | International Conference on Industry 4.0 (ICAESM-2021) conference paper published in Journal of Water Resource Engineering and Management | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | ISSN: 2349-4336 | SCOE, Kharghar, Navi Mumbai | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoWREM/article/view/6041 |
| Dr. Saumya Singh | | A review on GIS Based town planning: Ulwe region | ICAESM-2021 Conference paper published in International Journal of Town Planning and Management | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | eISSN: 2456-5253 | SCOE, Kharghar, Navi Mumbai | JournalsPub | http://architecture.journalspub.info/index.php?journal=JTPM&page=article&op=view&path%5B%5D=773 |
| Sujaya Wadekar | - | Town planning of Vanxim Island | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1k1t5a929ULHb3g86npus3hea4Y6H4RX/view?usp=sharing |
| Sujaya Wadekar | - | Design and analysis of water distribution system for Koloshi village using EPANET. | International Conference on Industry 4.0 (ICAESM-2021) conference paper published in International Journal of Urban Design | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | DOI no.: 10.37628/IJUD | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://architecture.journalspub.info/index.php?journal=IJUD&page=article&op=view&path%5B%5D=778 |
| Prof. Neha Chhangani | | A research paper on - "effect of ground nut shell ash and lime on characteristics of black cotton soil" | International Conference on Industry 4.0 (ICAESM-2021) conference paper published in International Journal of Landscape Planning and Architecture | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | eISSN: 2456-5091 | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://architecture.journalspub.info/index.php?journal=JLPA&page=article&op=view&path%5B%5D=782 |
| Prof. Neha Chhangani | | A Research Paper on Concrete Properties Enhancement With Use Of Carbon Fiber | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1qWnMh6ZU6itOr-ROxKGfqlEW16-DIR50/view?usp=sharing |
| Rachel Gitty | | Planning, Estimation costing and scheduling of commercial building using MS Project | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1nQ_0t1CgCpdBgkQ08XlCywWnuJ6-0v3/view?usp=sharing |
| Rachel Gitty | - | Poly block | International Conference on Industry 4.0 (ICAESM-2021) paper published in International Journal of Rural and Regional Planning Development (IJRRPD) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | DOI no.: 10.37628/IJRRPD | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://architecture.journalspub.info/index.php?journal=IJRRPD&page=article&op=view&path%5B%5D=772 |

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|------------------------|--------------------------------------|--|---|--|--------------------------|---------------------|------------------------------------|--|-----------------------------|---|
| Rachel Gitty | - | Improvements in rural water supply | International Conference on Industry 4.0 (ICAESM-2021) Conference paper published in International Journal of Rural and Regional planning Development | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | DOI no.: 10.37628/IJRRPD | SCOE, Kharghar, Navi Mumbai | JournalsPub | http://architecture.journalspub.info/index.php?journal=IJRRPD&page=article&op=view&path%5B%5D=771 |
| Yugandhara Kasture | | Significance And Analysis Of Time And Cost Overrun In The Construction Industry Of Mumbai | International Conference on Industry 4.0 (ICAESM-2021) paper published in Journal of Industrial Safety Engineering | International Conference on Industry 4.0 (ICAESM-2021) | INTERNATIONAL | 2020-2021 | eISSN:2395-6674 | SCOE, Kharghar, Navi Mumbai | STM Journals | https://engineeringjournals.stmjournals.in/index.php/JoISE/article/view/5915 |
| Yugandhara Kasture | | Design and analysis of green building on REVIT and comparison onMS EXCEL | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1k4ubF5EyoAr6PbSf1kHQduzPfbNfBXe/view?usp=sharing |
| Prof. Shweta Motharkar | | Descriptive review paper on analysis and design of pile foundation | International Conference on Industry 4.0 (ICAESM-2021) conference paper published in International Journal of Landscape Planning and Architecture | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | eISSN: 2456-5091 | SCOE, Kharghar, Navi Mumbai | JournalsPub | http://architecture.journalspub.info/index.php?journal=JLPA&page=article&op=view&path%5B%5D=792 |
| Prof. Priyanka Rajput | | Quantity Surveying Estimation and Rate analysis of mall using Autocad and MS excel | International Conference on Industry 4.0 (ICAESM-2021) papers published in International Journal of Architectural Heritage | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | ISSN: 2583-2689 | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://architecture.journalspub.info/index.php?journal=ijah&page=article&op=view&path%5B%5D=764 |
| Prof. Irfan Shaikh | | Comparative analysis of Pre-Engineered steel car parking shed using hollow tubular sections and solid sections | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1lt3Rl6fq_eA5c8VNnn-FA3ifnWgGpCqUq/view?usp=sharing |
| MOLLY MATHEW | | Preparation of layout and estimation of sports complex using autodeskautocad and microsoft excelsoftware- a review | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1d5O16bha52Y0W4zQclh8356iPzkoFNj6/view?usp=sharing |
| Molly Mathew | | Design and estimation of residential building using ETABS and quantity take off software-a review | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) conference paper published in International Journal of Architectural Heritage | International | 2020-2021 | ISSN: 2583-2689 | SCOE, Kharghar, Navi Mumbai | Journals Pub | https://architecture.journalspub.info/index.php?journal=ijah&page=article&op=view&path%5B%5D=763 |
| Molly Mathew | | Stability analysis of slope | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1VPrrSA36oH2pdTf9PpTaV7_idxgWfGw/view?usp=sharing |

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
|-----------------------|--------------------------------------|---|--|--|--------------------------|---------------------|------------------------------------|--|-----------------------------|---|
| Prof. Priyanka Rajput | | Life Cycle Cost Analysis and Designing | International Conference on Industry 4.0 (ICAESM-2021) paper published in International Journal of Construction Engineering and Planning | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | ISSN: 2456-2335 | SCOE, Kharghar, Navi Mumbai | Journals Pub | http://journalspub.com/JournalsDetails.aspx?id=43 |
| Shweta Motharkar | | Comparative study of conventional slab and flat slab using ETABS | International Conference on Industry 4.0 (ICAESM-2021) published in INTERNATIONAL JOURNAL OF STRUCTURAL ENGINEERING AND ANALYSIS | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | eISSN : 2456-5326 | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | http://civil.journalspub.info/index.php?journal=JSEA&page=article&op=view&path%5B%5D=716 |
| Manoj Pillai | | Analysis of RC structure with shear walls at different locations in different seismic zones | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1IA2EgdY9Kyn5H3h8utsn!U4UzmEmP9QI/view?usp=sharing |
| Manoj Pillai | | Analysis and designing of building using ETABS and architectural designing by 3DSMAX and TWIMOTION | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1_mgs1W-IUB5-PQdBASKMt5mfu_svHMT/vi ew?usp=sharing |
| Deepali Phadatare | | Design of sewage treatment plant for junner city | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1OJCfvs-ETXV1vnyKg7Nvcqzi5iViB3j/view?usp=sharing |
| Deepali Phadatare | | Hair fibre reinforced concrete | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1O81zrc02OPgKA05b6K9oSTGUXQdKJo5A/view?usp=sharing |
| Prof. Nagma Alam | | Redevelopment of railway station | International Conference on Industry 4.0 (ICAESM-2021) published in International Journal of Transportation Engineering and Traffic System | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | ISSN: 2456-2343 | SCOE, Kharghar, Navi Mumbai | JournalsPub | http://civil.journalspub.info/index.php?journal=JTETS&page=article&op=view&path%5B%5D=700 |
| Prof. Nagma Alam | | Design of flexible pavement by stabilizing the red soil using demolished construction waste | International Conference on Industry 4.0 (ICAESM-2021) | International Conference on Industry 4.0 (ICAESM-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/14ieO_j7TB77ZOCaoiMsx6b4_dSFs8DMv/view?usp=sharing |
| Prof Paramjit Thakur | | Selection of Alternate Potential Material for Cost Reduction In PPE Manufacturing: A Value Engineering Approach | ICAESM-2021 conference paper published in International Journal of Production Engineering | International Conference On Industry 4.0 (Advances in Engineering and Sustainability for 'Make in India' Initiative) | International | 2020-2021 | DOI: 10.37628/IJPE | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJPE&page=article&op=view&path%5B%5D=1255 |

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|---------------------|--------------------------------------|---|---|--|--------------------------|---------------------|-------------------------------------|--|-----------------------------|---|
| Prasanna Raut | | Design and Fabrication of a Small-scale Battery Operated CNC Router Cutting Machine | ICAESM-2021 conference paper published in International Journal of Machine Design and Manufacturing | International Conference On Industry 4.0 (Advances in Engineering and Sustainability for 'Make in India' Initiative) | International | 2020-2021 | 2582-2896 | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JMDM&page=article&op=view&path%5B%5D=1284 |
| Sunil Jankar | | Design of an HVAC System for a Commercial Building | ICAESM-2021 conference paper published in International Journal of Industrial Engineering and Design | International Conference On Industry 4.0 (Advances in Engineering and Sustainability for 'Make in India' Initiative) | International | 2020-2021 | Journal DOI: 10.37628/IJIED | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JIED&page=article&op=view&path%5B%5D=1271 |
| Sunil Jankar | | HVAC Design by using Green Building Norms | ICAESM-2021 | International Conference On Industry 4.0 (Advances in Engineering and Sustainability for 'Make in India' Initiative) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1cPiEr5MC1KWT4Gb9mZn2leOq6g6DNYcC/view?usp=sharing |
| Baviskar D.D. | | Design of semi Autonomous search and Rescue Robot using Rocker Bogie Mechanism | ICAESM-2021 | International Conference On Industry 4.0 (Advances in Engineering and Sustainability for 'Make in India' Initiative) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1-F5c9yXVRVEpSb1nmlMJaLmYcmYghmu/view?usp=sharing |
| Nilesh Chanewar | | Fabrication Of Adaptive HeadLamp System | International Conference On Industry 4.0 (ICAESM 2021) paper published in Journal of Production Research & Management | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | eISSN: 2249-4766 ISSN: 2347-9930 | Saraswati College of Engineering, Kharghar | JournalsPub | https://engineeringjournals.srmjournals.in/index.php/JoPRM/article/view/6075 |
| Baviskar D.D. | | Design & Anays of 3D printer using FDM Method | International Conference On Industry 4.0 (ICAESM 2021) paper published in Journal of Mechatronics and Automation | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | 2455-1988 | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JMDM&page=article&op=view&path%5B%5D=1073 |
| Baviskar D.D. | | Mechanical Ventilator | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1k1tSa929ULHb3g86npus3hea4Y6H4RX/view?usp=sharing |
| Vishal Bhagat | | Value Engg. Analysis in furniture industry:A case study of Waste wood based resin table | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1-Z32DcvRv5vFki6RgEGZ4HCuP4wsi5/view?usp=sharing |
| Vishal Bhagat | | Value Engg. Analysis in furniture industry:A case study of Jute based resin table | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1-DL1i7cuMzpKSNWT3HEdH5mUAdy1mkCv/view?usp=sharing |

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
|----------------------|--------------------------------------|---|--|---|--------------------------|---------------------|------------------------------------|--|--|---|
| Sunil Sopnur | | Design of HVAC FOR A COMMERCIAL BUILDING | International Conference On Industry 4.0 (ICAESM 2021) paper published in International Journal of Industrial Engineering and Design | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | Journal DOI: 10.37628/IJIED | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJIED&page=article&op=view&path%5B%5D=1271 |
| Sreejith Sreenivasan | | A review on design and development of electric weeder of 2 blades | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1-HfC1f2n6SpvoQIAYpQmfv_RReKUay1/view?usp=sharing |
| Pramod Maurya | | Design and fabrication of autonomous tire pressure self INFLATINE with Arduinio monitoring system | ICAESM-2021 Conference paper published in Journal of Automobile Engineering and Applications | ICI 4.0-2021 | International | 2020-2021 | eISSN: 2455-3360 | Saraswati College of Engineering, Kharghar | STM Journals | https://engineeringjournals.stmjournals.in/index.php/JoAEA/article/view/6116 |
| Pramod Maurya | | Design and Analysis of Atmospheric Water Generator from Moist Air | ICAESM-21 conference paper published in International Journal of Pollution and Noise Control | ICI 4.0-2021 | International | 2020-2021 | 10.37628/IJPNC | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JPN&page=article&op=view&path%5B%5D=1257 |
| Madhukar Sorte | | Multi-objective Optimization in Micro –Milling : Literature Review | Proceedings of International Conference on Advances in Mechanical & Civil Engineering - 2021 | AICTE Sponsored International Conference on Advances In Mechanical & Civil Engineering (IC-AMCE-2021) | International | 2020-2021 | ISBN: 978-1-7369640-2-6 | SCOE, Kharghar, Navi Mumbai | Printed in India, Thakur College of Engineering & Technology, Mumbai India | https://www.tcetmumbai.in/Multicon/2021/IC-AMCE%202021.pdf |
| Madhukar Sorte | | "Identification of Manufacturing Flexibility Measure for Sustainability of MSME in India" | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | DOI:10.37628/IJMDM | Saraswati College of Engineering, Kharghar | International Journal of Machine Design and Manufacturing | http://mechanical.journalspub.info/index.php?journal=IJMDM&page=article&op=view&path%5B%5D=1039 |
| Madhukar Sorte | | Project on Pulsar 150 CC Engine Modifications for Race Purpose' | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | eISSN : 2582-290X | Saraswati College of Engineering, Kharghar | International Journal of I.C. Engines and Gas Turbines | http://mechanical.journalspub.info/index |
| Madhukar Sorte | | An overview of Aluminium Foam Production Method | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | ISSN 2321 3361 © 2021 IJESC | Saraswati College of Engineering, Kharghar | IJCSE | https://mail.google.com/mail/u/0/#search/khare/FMfcgwLsdLvmjsJXDfPmWRVwWhztGkq?projector=1&messagePartId=0.1 |
| Madhukar Sorte | | Design and Optimization of Automatic Glass Window Cleaning Robot | ICAESM-2021 Conference paper published in International Journal of Robotics and Automation | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | 10.37628/IJRA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJRA&page=article&op=view&path%5B%5D=1248 |

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
|---------------------|--------------------------------------|---|---|--|--------------------------|---------------------|------------------------------------|--|-----------------------------|---|
| Dr. Madan Jagtap | | Design And Analysis of S-Glass Heat Exchanger | ICAESM-2021 Conference paper published in Journal of Thermal Engineering and Applications (ENERGY) | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | 10.37628/IJTEA | Saraswati College of Engineering, Kharghar | STM Journals | http://engineerjournals.stmjournals.in/index.php/IOTE/article/view/5693 |
| Dr. Madan Jagtap | | Techno-Economic Analysis Using Ground Water Heat Exchanger For Cooling Purpose In SCOE Seminar Hall | ICAESM-2021 conference paper published in Journal of Refrigeration, Air Conditioning, Heating and Ventilation | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | 2394-1952 | Saraswati College of Engineering, Kharghar | STM Journals | http://techjournals.stmjournals.in/index.php/IORACHV/article/view/1196 |
| Dr. Madan Jagtap | | Fabrication of Custard Apple Deseeding Machine | ICAESM-2021 CONFERENCE PAPER PUBLISHED IN International Journal of Mechanical Dynamics & Analysis | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | DOI: 10.37628/IJMDA | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJMDA&page=article&op=view&path%5B%5D=1297 |
| Dr. Madan Jagtap | | Custard Apple Deseeding Machine (Design) | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/18KDrEmJQTFhh4gv7pCYeCxesqFFt4q/view?usp=sharing |
| Paramjit Thakur | | Application of Lean Manufacturing in Aquaponics to Reduce Overall Cost and Improve Productivity | ICAESM-2021 conference paper published in International Journal of Research Publication and Reviews | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | ISSN 2582-7421 | Saraswati College of Engineering, Kharghar | IJRPR | https://ijrpr.com/uploads/v2/ISSUE11/IJRPR1776.pdf |
| Pramod Deshmukh | | Review on Arduino based soil moisture monitoring system" | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1-AqkYalbHVCVHn2U7Fa2O-X1joVN4gz/view?usp=sharing |
| Pramod Deshmukh | | Making of an automatic liquid soap dispenser with automatic tap water and hand dryer" | ICAESM-2021 Conference paper published in International Journal of Production Engineering | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | DOI: 10.37628/IJPE | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJPE&page=article&op=view&path%5B%5D=1303 |
| Nalini Deepthi | | Dissertation report of manufacturing of wood engraving cnc machine | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1289VQC-94WKyKlrY2zBzRjdEfWUj-7WE/view?usp=sharing |
| Nalini Deepthi | | IOT based intelligent rover for sanitization | ICAESM-2021 Conference paper published in International Journal of Computer Aided Manufacturing | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | eISSN : 2456-642X | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJCAM&page=article&op=view&path%5B%5D=1347 |
| Sandeep B Jadhav | | Design and fabrication of future tree to harvest solar-wind hybrid energy | ICAESM-2021 Conference paper published in International Journal of Thermal Energy and Applications | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | DOI: 10.37628/IJTEA | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJTEA&page=article&op=view&path%5B%5D=1296 |

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|--|--------------------------------------|--|--|--|--------------------------|---------------------|------------------------------------|--|-----------------------------|---|
| Sandeep B Jadhav | | Extraction of acidic gases in industries | ICAESM-2021 Conference paper published in International Journal of Pollution and Noise Control | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | DOI: 10.37628/IJPC | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=JPC&page=article&op=view&path%5B%5D=1308 |
| Prasanna Raut | | Design, Construction and Performance testing of a RC Glider | ICAESM-2021 | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1-7R_iEpWBj9XklyjdovNKsR_1OtcdfG/view?usp=sharing |
| Prasanna Raut | | Design and fabrication ground and utility disinfector | ICAESM-2021 conference paper published in International Journal of Robotics and Automation | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | DOI: 10.37628/IIRA | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IIRA&page=article&op=view&path%5B%5D=1311 |
| Prasanna Raut | | Fabrication of Solar Agro Vehicle with AI Technology | ICAESM-2021 Conference paper published in International Journal of Computer Aided Manufacturing | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | eISSN:2456-642X | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JCAM&page=article&op=view&path%5B%5D=1289 |
| Pramod Maurya, Mayuresh Patil, Aadesh Shelar, Rakesh Pawar, Aniket Helgaonkar | | Design and Analysis of Atmospheric Water Generator from Moist Air | ICAESM-2021 Conference paper published in International Journal of Pollution and Noise Control | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | 10.37628/IJPC | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JPC&page=article&op=view&path%5B%5D=1257 |
| Prof Paramjit Thakur | | A review on AWJM of Ti Alloy | ICAESM-2021 Conference paper published in International Journal of Fracture and Damage Mechanics | International Conference On Industry 4.0 (ICAESM 2021) | International | 2020-2021 | DOI: 10.37628/IJFDM | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJFDM&page=article&op=view&path%5B%5D=1267 |
| Vishnudas Chodankar, Sai Rumde, Kunal Thakare, Harsh Chavan, Rijul Kotian | | A research on flow analysis inside a tractor cabin selecting vent location and glazing | ICAESM-2021 Conference paper published in Journal of Mechatronics and Automation | International Conference on Industry 4.0 | International | 2020-2021 | eISSN: 2455-1988 | SCOE, Kharghar, Navi Mumbai | STM Journals | https://engineeringjournals.stmjournals.in/index.php/JoMA/article/view/5978 |
| Prof. Siddhesh Lad, Tiwari Vikas Sunil, Mhatre Sunny Dashrath, Sawant Jatin Jagdish, Padekar Shubham Yuvaraj, Salgaonkar Ganesh Sakharam | | Anti-dive and anti-squat suspension system | ICAESM-2021 Conference paper published in International Research Journal of Engineering and Technology (IRJET) | International Conference on Industry 4.0 | International | 2020-2021 | e-ISSN: 2395-0056 | SCOE, Kharghar, Navi Mumbai | IRJET | https://www.irjet.net/archives/V8/I1/IRJET-V8I169.pdf |

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| Prof. Siddhesh Lad, Nishant Chavan, Abhijit salunkhe, Chetan Dhawde, Aditya Dhanawade | | Research on design, static and dynamic analysis of FSAE CHASSIS | ICAESM-2021 Conference paper published in International Journal of Mechanical Dynamics & Analysis | International Conference on Industry 4.0 | International | 2020-2021 | DOI: 10.37628/IJMDSA | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJMDA&page=article&op=view&path%5B%5D=1281 |
| Prof. Amit Patil, PrathmeshYedre, Ajay Sharma, Nilesh Sutar, Saurabh Tandel | | Design and analysis of double wishbone suspension for formula student car | ICAESM-2021 Conference paper published in Trends in Machine Design | International Conference on Industry 4.0 | International | 2020-2021 | eISSN: 2455-3352 | SCOE, Kharghar, Navi Mumbai | STM Journals | https://engineeringjournals.stmjournals.in/index.php/TMD/article/view/6046 |
| Prof. Amit Patil, Sanket Pawar, Meet Patel, Arshad Khan, Omkar Bhosale | | A Review on Design and Assembly of Go- Kart Steering System | ICAESM-2021 Conference | International Conference on Industry 4.0 | International | 2020-2021 | e-ISSN: 2395-0056 | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://www.irjet.net/archives/V8/i1/IRJET-V8I138.pdf |
| Prof. Prashant Ingle, Kshitij Nimkar, Krishna Tiwari, Ayush Chordia | | Optimization of cell of honeycomb spokes for non-pneumatic tyre | ICAESM-2021 Conference paper published in International Research Journal of Engineering and Technology (IRJET) | International Conference on Industry 4.0 | International | 2020-2021 | e-ISSN: 2395-0056 | SCOE, Kharghar, Navi Mumbai | IRJET | https://www.irjet.net/archives/V8/i1/IRJET-V8I1250.pdf |
| Prof. Siddhesh Lad, Kunal More, Pratik Bhagat, Jatin Jadhav, Karan Patil | | Study of drag around the nosecone of FSAE vehicle using CFD analysis | ICAESM-2021 Conference paper published in International Journal of Mechanical Handling and Automation | International Conference on Industry 4.0 | International | 2020-2021 | DOI: 10.37628/IJMHA | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJMHA&page=article&op=view&path%5B%5D=1276 |
| Prof. Chetan Thakur, Kaustubh Pandit, Siddheshwar Malaye, Akshay Shelar, Pranay Dumawat | | Thermal Analysis of FSAE brake disc | ICAESM-2021 Conference paper published in International Research Journal of Engineering and Technology (IRJET) | International Conference on Industry 4.0 | International | 2020-2021 | e-ISSN: 2395-0056 | SCOE, Kharghar, Navi Mumbai | IRJET | https://www.irjet.net/archives/V8/i1/IRJET-V8I153.pdf |
| Prof. Amit Patil, Vinay Hogle, Rahul Thakare, Sujal Randive, Vyankatesh Gaikawad | | Thermostat valve thermal comfort analysis using F.E.A | ICAESM-2021 Conference paper published in Journal of Refrigeration, Air Conditioning, Heating and Ventilation | International Conference on Industry 4.0 | International | 2020-2021 | eISSN: 2394-1952 | SCOE, Kharghar, Navi Mumbai | STM Journals | https://techjournals.stmjournals.in/index.php/JoRACHV/article/view/1117 |
| Prof. Chetan Thakur, Pratik Tatkar, Sunad Pawar, Swapnil Jadhav, Aditya Bhadwalkar | | A study of cross wind effect on bike's aerodynamic | ICAESM-2021 Conference paper published in International Journal of Mechanical Dynamics & Analysis | International Conference on Industry 4.0 | International | 2020-2021 | DOI: 10.37628/IJMDSA | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJMDA&page=article&op=view&path%5B%5D=1294 |
| Prof. Sagar Khatavkar, Vijay Pokharkar, Saurabh Palkhe, Aditya Pawar, Aditya Yadav, | | Thermal analysis of piston | ICAESM-2021 Conference | International Conference on Industry 4.0 | International | 2020-2021 | eISSN: 2394-1952 | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://techjournals.stmjournals.in/index.php/JoRACHV/article/view/1235 |

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| Prof. Prashant Ingle, Darshan Gotral, Amol Pawar, Satej Kadam, Shubham Malekar | | A review on static and dynamic analysis of automotive clutch for material optimization | ICAESM-2021 Conference paper published in International Journal of Research in Engineering and Science (IJRES) | International Conference on Industry 4.0 | International | 2020-2021 | ISSN: 2320-9356 | SCOE, Kharghar, Navi Mumbai | IJRES | https://www.ijres.org/papers/Volume-9/Issue-5/Ser-5/K09056768.pdf |
| Prof. Sagar Khatavkar, Shubham Pawar, Abhishek Kengale, Rohit Pargavkar | | Electric vehicle development | ICAESM-2021 Conference paper published in International Journal of Mechanical Handling and Automation (IJMHA) | International Conference on Industry 4.0 | International | 2020-2021 | DOI: 10.37628/IJMHA | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJMHA&page=article&op=view&path%5B%5D=1305 |
| Prof. Vishnudas Chodankar, Mayur Kashid, Akash Nanaware, Akshay Dadas, Viraj Malve | | Fabrication of KTM 390 wiring harness according to FSAE vehicles. | ICAESM-2021 Conference paper published in International Research Journal of Engineering and Technology (IRJET) | International Conference on Industry 4.0 | International | 2020-2021 | ISSN: 2395-0072 | SCOE, Kharghar, Navi Mumbai | IRJET | https://www.irjet.net/archives/V8/I1/IRJET-V8I1142.pdf |
| Prof. Arti K. Gore | | Self Driving Car Simulation using Deep Learning | ICAICT-2021 Conference paper published in Journal of Advancements in Robotics | International Conference on Industry 4.0 -Advance Information & Communication Technology-2021 (ICAICT-2021) | International | 2020-2021 | DOI no.: 10.37591/JoARB | SCOE, Kharghar, Navi Mumbai | STM Journals | http://computers.stmjournals.com/index.php?journal=JoARB&page=article&op=view&path%5B%5D=2748 |
| Prof. Arti Gore | | Smile Detection Techniques in Real Time Video Environment | ICAICT-2021 Conference paper published in Journal of Image Processing & Pattern Recognition Progress | ICAICT-2021 | International | 2020-2021 | ISSN: 2394-1995 | SCOE, Kharghar, Navi Mumbai | STM Journals | https://stmcomputers.stmjournals.com/index.php/joiPPRP/article/view/107 |
| Prof. Sushant Kamble | | Heart Disease Prediction Using Machine Learning | ICAICT-2021 Conference paper published in International Journal of Data Structures | International Conference on Industry 4.0 -Advance Information & Communication Technology-2021 (ICAICT-2021) | International | 2020-2021 | DOI No: 10.37628/IJDS | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://computers.journalspub.info/index.php?journal=IJDSA&page=article&op=view&path%5B%5D=680 |
| Prof. Sushant Kamble | | Heart Disease Prediction Using Machine Learning | International Conference on Industry 4.0 -Advance Information & Communication Technology-2021 | International Conference on Industry 4.0 -Advance Information & Communication Technology-2021 (ICAICT-2021) | International | 2020-2021 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1h2XPP_ugLSbjX-nx8j_xaQEWmPxrUaC/view?usp=sharing |
| Prof. Hemalata Gosavi | | Smart Mirror Based On Raspberry Pi | International Conference on Industry 4.0 -Advance Information & Communication Technology-2021 | International Conference on Industry 4.0 -Advance Information & Communication Technology-2021 (ICAICT-2021) | International | 2020-2021 | | SCOE | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1jrIQI0U03uxKlowum7MVNG0by2ontfKX/view?usp=sharing |

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| Prof. Hemalata Gosavi | | Smartcrawler: A Two-Stage Crawler For Efficiently Harvesting Deep-Web | ICAICT-2021 Conference paper published in Journal of Web Engineering & Technology | International Conference on industry 4.0 -Advance Information & Communication Technology-2021 (ICAICT-2021) | International | 2020-2021 | ISSN: 2455-1880 | SCOE | STM Journals | https://stmcomputers.stmjournals.com/index.php/JoWEI/article/view/35 |
| Prof. Vaishali Jadhav | | Augmented Reality Based Shooting Game | ICAICT-2021 papers published in Journal of Operating Systems Development & Trends | International Conference on industry 4.0 -Advance Information & Communication Technology-2021 (ICAICT-2021) | International | 2020-2021 | 2454-9355 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoOSDT&page=article&op=view&path%5B%5D=2714 |
| Prof. Pragati Pejlekar | | Education Degree Fraud Detection and Student Certificate Verification using Blockchain Technolog | ICAICT-2021 papers published in International Journal of Wireless Network Security | ICAICT-2021 | International | 2020-2021 | DOI No: 10.37591/IJWNS | SCOE | Journals Pub | http://computers.journalspub.info/index.php?journal=IJWNS&page=article&op=view&path%5B%5D=709 |
| Prof. Pragati Pejlekar | | Human Body Movement Identification | ICAICT-2021 papers published in Journal of Multimedia Technology & Recent Advancements: | ICAICT-2021 | International | 2020-2021 | 2349-9028 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoMTRA&page=article&op=view&path%5B%5D=2699 |
| Prof. Ragini Sharma | | Smart Agribot: Agriculture Robot Machine | ICAICT-2021 papers published in International Journal of Mobile Computing Devices | ICAICT-2021 | International | 2020-2021 | DOI No: 10.37591/IJMCD | SCOE | Journals Pub | http://computers.journalspub.info/index.php?journal=JMCD&page=article&op=view&path%5B%5D=692 |
| Prof. Ragini Sharma | | Augmented Reality: Virtual Furniture | ICAICT-2021 papers published in E-Commerce for Future & Trends | ICAICT-2021 | International | 2020-2021 | 2454-9347 | SCOE | STM Journals | https://stmcomputers.stmjournals.com/index.php/ECFT/article/view/89 |
| Prof. Diksha Kumar | | Detecting depression in tweets | ICAICT-2021 papers published in International Journal of Information Security and Software Engineering | ICAICT-2021 | International | 2020-2021 | DOI No: 10.37591/IJISSE | SCOE | Journals Pub | http://computers.journalspub.info/index.php?journal=IJISSE&page=article&op=view&path%5B%5D=688 |
| Prof. Vrushali Thakur | | Disease Prediction Android Application using Machine Learning | ICAICT-2021 papers published in Mobile Computing, Communications & Mobile Networks | ICAICT-2021 | International | 2020-2021 | 2349-901X | SCOE | STM Journals | https://computers.stmjournals.com/index.php?journal=JoMCCMN&page=article&op=view&path%5B%5D=2753 |
| Prof. Praveen Shinde | | Abnormal Crowd Behavior Detection System | ICAICT-2021 papers published in Multimedia Technology & Recent Advancements | ICAICT-2021 | International | 2020-2021 | 2349-9028 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoMTRA&page=article&op=view&path%5B%5D=2698 |
| Prof. Anuradha Dandwate | | Smart Board for Interactive Learning | ICAICT-2021 papers published in NOLEGEIN Journal of Information Technology & Management | ICAICT-2021 | International | 2020-2021 | 2581- 6802 | SCOE | MBA Journals | https://mbajournals.in/index.php/JoITM/article/view/714 |

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|-----------------------------|--------------------------------------|--|--|--|--------------------------|---------------------|--------------------------------------|--|-----------------------------|---|
| Prof. Anuradha Dandwate | | Agriculture Quadcopter | ICAICT-2021 papers published in Research & Reviews: A Journal of Bioinformatics (RRJoBI) | ICAICT-2021 | International | 2020-2021 | 2393-8722 | SCOE | STM Journals | https://techjournals.stmjournals.in/index.php/RRJoBI/article/view/1128 |
| Prof. Maahi A. Khemchandani | | Blind Assistance System using Tensorflow | ICAICT-2021 papers published in International Journal of Image Processing and Pattern Recognition | ICAICT-2021 | International | 2020-2021 | 2456-6985 | SCOE | Journals Pub | Blind Assistance System using Tensorflow Shukla International Journal of Image Processing and Pattern Recognition (journalspub.info) |
| Prof. Praveen Shinde | | 3D Architectural Model using Augmented Reality | ICAICT-2021 papers published in JOURNAL OF MULTIMEDIA TECHNOLOGY & RECENT ADVANCEMENTS: | ICAICT-2021 | International | 2020-2021 | 2349-9028 | SCOE | STM Journals | https://stmcomputers.stmjournals.com/index.php/JoMTRA/article/view/109 |
| Dr. Manjusha Deshmukh | - | Plant Leaf Disease Detection using Deep Learning - CNN | Multicon2021 | Proceedings of International Conference on Intelligent Computing and Networking - | International | 2020-2021 | 978-1-7369640-1-9 | Saraswati College of Engineering, Kharghar | TCET | /www.tcetmumbai.in/Multicon/2021/IC-ICN%202021.pdf |
| Vijay Kapure | | A CPW-fed Band-notched Antenna Using EBG loaded Superstrate | 2021 International Conference on Communication information and Computing Technology (ICICT) | 2021 International Conference on Communication information and Computing Technology (ICICT) | International | 2020-2021 | ISBN:978-1-6654-0430-3 | Saraswati College of Engineering, Kharghar | IEEE xplorer | |
| Umesh Pinjarkar | | "COMMUNICATION INTERPRETATION DEVICE FOR DEAF AND BLIND" | ICAICT-2021 Conference paper published in Journal of Telecommunication, Switching Systems and Networks | INTERNATIONAL CONFERENCE ON INDUSTRY 4.0 ADVANCED INFORMATION AND COMMUNICATION TECHNOLOGIES [ICAICT-2021] | International | 2020-2021 | eISSN: 2454-6372 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoTSSN/article/view/5695 |
| Rajashri Narwade | | Automatic Plant Irrigation System using Arduino | ICAICT 21 SCOE International Conference | ICAICT 21 SCOE International Conference | International | 2020-2021 | | SCOE | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1V6OG4VJwNij1xFYmrsrZqdsigT85XNN/view?usp=sharing |
| Dr..Sheetal Bukkawar. | | Smart cloth bag vending Machine | ICAICT 21 International Conference paper published in Journal of Electronic Design Technology | ICAICT 21 SCOE International Conference | International | 2020-2021 | eISSN: 2229-6980 ISSN: 2321- 4228 | SCOE | JournalsPub | http://engineeringjournals.stmjournals.in/index.php/JoEDT/article/view/5539 |
| Prof. Megha Pande | | Automatic Billing Cart | ICAICT 21 SCOE International Conference | ICAICT 21 SCOE International Conference | International | 2020-2021 | | SCOE | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1dBFCMUS3TAmVicjC1MABM39OdozNh2/view?usp=sharing |
| 2019-2020 | | | | | | | | | | |
| sanjay singh | | "Effect Of Addition Of Marble Dust And Burnt Brick Powder In Black Cotton Soil And Red Mud Soil" | International Conference on Industry 4.0 [ICI 4.0] | International Conference on Industry 4.0 [ICI 4.0] | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |

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|---------------------------|---|---|---|---|--------------------------|---------------------|--|--|---------------------------------|---|
| sanjay singh | | "Soil Stabilization And Ground Lifting Using Polyurethane Resin (Pu)" | International Conference on Industry 4.0 [ICI 4.0] | International Conference on Industry 4.0 [ICI 4.0] | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |
| Madan Jagtap | | Solid Waste Management: Case Studies | - | - | International | 2019-2020 | ISBN-10: 6202684216, ISBN-13: 978-6202684217 | Saraswati College of Engineering, Kharghar | Lap Lambert Academic Publishing | https://drive.google.com/file/d/1PsGHSbqbuNq08_uTqUBpDKxaV3kbRMFQ/view?usp=sharing |
| Prof. Suhasini Parvatikar | Intelligent Computing and Networking. Lecture Notes in Networks and Systems, vol 146. Springer, Singapore | Categorisation of Plant leaf using CNN | Springer | Springer | International | 2019-2020 | Online ISBN: 978-981-15-7421-4 | SCOE | Springer | https://link.springer.com/chapter/10.1007/978-981-15-7421-4_7 |
| Prof. Sujata Bhairnalkar | | Efficient Social Network Summarisation | 2019 IEEE Pune Section International Conference (PuneCon) | IEEE Pune Conf "Innovating Technology for Humanity" 2019 | International | 2019-2020 | INSPEC Accession Number: 19669847 | SCOE | IEEE | doi: 10.1109/PuneCon46936.2019.9105734. |
| Nilesh Patil | | Image Segmentation Algorithm based on Particle Swarm Optimization and Darwinian Particle Swarm Optimization | IEEE International conference on Inventive systems and control (ICISC), Coimbatore, India | IEEE International conference on Inventive systems and control (ICISC), Coimbatore, India | International | 2019-2020 | 978-1-5386-3950 -4 | Saraswati College of Engineering, Kharghar | IEEE explorer | https://drive.google.com/file/d/1g-fLE3xuKwoxw0YlsWm2WDeCQFesSIE_/view?usp=sharing |
| Dr.Manjusha Deshmukh | Notes on Digital Image Processing and Machine | | - | - | International | 2019-2020 | ISBN -13 : 978-9388397421 | Saraswati College of Engineering, Kharghar | Walnut Publication | Notes on Digital Image Processing and Machine Vision : Dr. Manjusha Deshmukh: Amazon.in: Books |
| Dr.Sheetal Bukkawar | Hybrid Cellular Adhoc Network | | - | - | International | 2019-2020 | ISBN (978-3-330-07899-4). | Saraswati College of Engineering, Kharghar | LAP LAMBERT Academic Publishing | https://www.amazon.in/Hybrid-Cellular-Network-Sheetal-Bukkawar/dp/3330078995 |
| Sarita Kale | | Image Segmentation Algorithm based on Particle Swarm Optimization and Darwinian Particle Swarm Optimization | IEEE International conference on Inventive systems and control (ICISC) | | International | 2019-2020 | 978-1-5386-3950 -4 | Saraswati College of Engineering, Kharghar | IEEE explorer | https://drive.google.com/file/d/1g-fLE3xuKwoxw0YlsWm2WDeCQFesSIE_/view?usp=sharing |
| Prof. Priyanka Rajput | | Estimation and Scheduling of Residential Building Using Primavera P6 | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/15lqKmCn3SOoxROLSBqI7zdlOnjbT6mGP/view?usp=sharing |
| Rachel Gitty | - | VIABILITY OF DRAINAGE WATER FOR FARMING" | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
|---------------------|--------------------------------------|---|--|--|--------------------------|---------------------|------------------------------------|--|-----------------------------|---|
| Rachel Gitty | - | PURIFICATION OF DRAINAGE WATER FOR FARMING SITUATED NEAR RAILWAY TRACK" | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1_o6Y5O4atCDxhTPiQ2KOIL4bQQsG579/view?usp=sharing |
| Shanthi P. Selvam | | Design of Water Distribution System using WATERCAD Software | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/12k3GyFkJ6atv-rn1iEfv2r-bDz6Urb/view?usp=sharing |
| Shanthi P. Selvam | | Energy Analysis of Building | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1XBKh1bGvcT9B8tQ1skvcOoGrTVLbAnjL/view?usp=sharing |
| Shanthi P. Selvam | | Analysis of Critical Success Factors for Metro Construction Projects in India | Conference paper published in INTERNATIONAL JOURNAL OF Construction Engineering And Planning | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | ISSN: e2456-2335 | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1XBKh1bGvcT9B8tQ1skvcOoGrTVLbAnjL/view?usp=sharing |
| Shanthi P. Selvam | | Smog Eating Structures | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1gfgSPPkiRFEFVaW3wsUOobfpyLfolZNR/view?usp=sharing |
| Manisha Wankhede | - | Removal of Toxic Metals from Industrial waste water by using natural adsorbant | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |
| Manoj Pillai | - | Analysis and Design of building using Etabs and architectural designing by 3dsmax and twin motion | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |

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| Manoj Pillai | - | Analysis of RC Structure with Shear walls at different locations in different seismic zones | INTERNATIONL CONFERENCE ON INDUSTRY 4.0[ICI 4.0:2020] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |
| Nilima Shende | - | Composting Of Municipal Solid Waste To Enhance The Fertility Of Soil | Conference paper published in International Journal of Geological and Geotechnical Engineering | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | ISSN : 2581-5598 | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://civil.journalspub.info/index.php?journal=JGG&page=article&op=view&path%5B%5D=628 |
| Prof.Shweta Motharkar | | Strom water management of Badlapur city | Conference paper published in International Journal of Water Resources Engineerng, | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | vol 7 issue 2,2020 ISSN: 2349-4336 | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://engineeringjournals.s tmjournals.in/index.php/JoW REM/article/view/4195 |
| Nilima Shende | - | <i>Casting Of Paver Block Using Waste Plastic For Cold Region</i> | Conference paper published in Recent trends in civil engineering & technology, | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | Vol 10, issue 2,2020,ISSN: 2249-8753 | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://engineeringjournals.s tmjournals.in/index.php/RTC ET/article/view/4276 |
| Prof.Neha Chhangani | - | <i>Techniques To Improve The Durability Of Pothole Repair</i> | International Conference on Industry 4.0 [ICI 4.0] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |
| Prof.Neha Chhangani | - | <i>Ground Improvement Using Stone Column Technique On Different Types Of Soil</i> | Conference paper published in International Journal of Geological and Geotechnical Engineering | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | eISSN : 2581-5598 | SCOE, Kharghar, Navi Mumbai | JournalsPub | https://civil.journalspub.info/index.php?journal=JGG&page=article&op=view&path%5B%5D=631 |
| Deepali Phadatare | | Cellular light weight concrete using glass fibre | Conference paper published in International Journal of Engineering Research and Technology | International Conference on Industry 4.0 (CAESM-2021) | International | 2019-2020 | ISSN:2278-0181 | SCOE, Kharghar, Navi Mumbai | IJERT | https://www.ijert.org/cellular-light-weight-concrete-using-glass-fiber |

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|----------------------|--------------------------------------|--|--|--|--------------------------|---------------------|-------------------------------------|--|-----------------------------|---|
| Deepali Phadatare | | Comparative study of conventional bricks, fly ash bricks and bagasse ash bricks | Conference paper published in INTERNATIONAL JOURNAL OF Construction Engineering And Technology Management | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | eISSN: 2249-4723 ISSN: 2347-7253 | SCOE, Kharghar, Navi Mumbai | STM Journals | https://engineeringjournals.stmjournals.in/index.php/JoCE/TM/article/view/4289 |
| Dr. Saumya Singh | | Study of Noise Absorbing Material | Conference paper published in | International Conference on Industry 4.0 [ICI 4.0] | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | |
| Nagma Alam | | COMPARATIVE STUDY OF CONCRETE BY PARTIAL REPLACEMENT OF COARSE AGGREGATES USING EWASTE | International Conference on Industry 4.0 [ICI 4.0] | International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, Navi Mumbai. | International | 2019-2020 | | SCOE, Kharghar, Navi Mumbai | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1uFXEpdKRb4JIXsZhqfsQ1mzoaqWyAPVM/view?usp=sharing |
| Dr. Madan Jagtap | | Solar Distillation with Nanoparticle Integrated PCM | ICI 4.0:2020 | International Conference On Industry 4.0 | International | 2019-2020 | ISSN: 2207-6360 (Online) | Saraswati College of Engineering, Kharghar | IJSER | https://www.ijser.org/researchpaper/Solar-Distillation-Using-Nanoparticle-Integrated-Phase-Change-Material-PCM.pdf |
| Prof. Madhukar Sorte | | Design and Fabrication of Automatic Pneumatic bumper and braking using Sensor | ICI 4.0:2020 Conference paper published in International Journal of Robotics and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJRA | Saraswati College of Engineering, Kharghar | JournalsPub | mechanical.journalspub.info/index.php?journal=IJoA&page=issue&op=view&path%5B%5D=197 |
| Prof Paramjit Thakur | | Water jet Peening Process: A review | ICI 4.0:2020 Conference paper published in International Journal of I.C. Engines and Gas Turbines | International Conference On Industry 4.0 | International | 2019-2020 | 2582-290X | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJEGT&page=article&op=view&path%5B%5D=1061 |
| Prof. Nalini Deepthi | | DESIGN OF FLAT PLATE SOLAR COLLECTOR | ICI 4.0:2020 Conference paper published in International Journal of Electro Mechanics and Mechanical Behaviour | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJEMMB | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=IJEMMB&page=article&op=view&path%5B%5D=1040 |
| Prof.Nilesh Chanewar | | Design Of Pressure Controller For Fuel Injector Tester Modelling. | ICI 4.0:2020 Conference paper published in International Journal of I.C. Engines and Gas Turbines | International Conference On Industry 4.0 | International | 2019-2020 | 2582-290X | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJEGT&page=article&op=view&path%5B%5D=1062 |
| Prof. Sandeep Jadhav | | Design and development of hybrid water cooler | ICI 4.0:2020 Conference paper published in International Journal of Fracture and Damage Mechanics | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJFDM | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJFDM&page=index |

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| Prof. Madhukar Sorte | | OPTIMIZATION AND ANALYSIS OF PULSATION DAMPENER | ICI 4.0:2020 Conference paper published in International Journal of Computer Aided Manufacturing | International Conference On Industry 4.0 | International | 2019-2020 | eISSN:2456-642X | Saraswati College of Engineering, Kharghar | JournalsPub | https://mechanical.journalspub.info/index.php?journal=JCAM&page=article&op=view&path%5B%5D=1063 |
| Prof. Pramod Deshmukh | | A Review: Multi purpose Seed Sowing Machine | ICI 4.0:2020 Conference Paper published in International Journal of Mechanics and Design | International Conference On Industry 4.0 | International | 2019-2020 | 2582-2896 | Saraswati College of Engineering, Kharghar | JournalsPub | A Review: Multipurpose Seed Sowing Machine Jagtap International Journal of Mechanics and Design (journalspub.info) |
| Prof. Vishal Bhagat | | EXTRACTION OF FUEL FROM PLASTIC WASTE | ICI 4.0:2020 Conference Paper published in International Journal of Pollution and Noise Control | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJPNC | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJPN&page=article&op=view&path%5B%5D=1065 |
| Prof Paramjit Thakur | | A REVIEW ON WIRE EDM | ICI 4.0:2020 Conference Paper published in International Journal of Electro Mechanics and Mechanical Behaviour | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJEMMB | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JEMMB&page=article&op=view&path%5B%5D=1044 |
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| Prof Paramjit Thakur | | EQUIPMENT USED IN AQUAPONIC FARMING | ICI 4.0:2020 Conference Paper published in Trends in Mechanical Engineering & Technology | International Conference On Industry 4.0 | International | 2019-2020 | 2347-9965 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/TMET/article/view/4407 |
| Prof.Sunil Jankar | | Design and Fabrication of Advance Mine Detection and Defusing Robot | ICI 4.0:2020 Conference Paper published in International Journal of Robotics and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJRA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJRA&page=article&op=view&path%5B%5D=1049 |
| Prof Paramjit Thakur | | A REVIEW ON WATER JET CUTTING OF DIFFICULT TO CUT MATERIAL (TITANIUM,INCONEL) | ICI 4.0:2020 Conference Paper published in Journal of Production Research & Management | International Conference On Industry 4.0 | International | 2019-2020 | 2347-9930 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoPRM/article/view/4374 |
| Prof. Sreejith Sreenivasan | | EVALUATION OF IMPACT PROPERTIES OF RIVER TAMARIND POD FIBER REINFORCED WITH EPOXY RESIN | ICI 4.0:2020 Conference Paper published in International Journal of Mechanical Handling and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJMHA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJMHA&page=article&op=view&path%5B%5D=1071 |
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| Prof. Sunil Jankar | | Design Of a HVAC System for a Entire Hotel | ICI 4.0:2020 Conference Paper published in Journal of Production Research & Management | International Conference On Industry 4.0 | International | 2019-2020 | ISSN: 2249-4766 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoPRM/article/view/4376http://engineeringjournals.stmjournals.in/index.php/JoPRM/article/view/4376 |
| Prof. Devkant Baviskar | | FABRICATION OF 3D PRINTER | ICI 4.0:2020 Conference Paper published in Journal of Mechatronics and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 2455-1988 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoMA/article/view/4397 |
| Prof. Devkant Baviskar | | IMPLEMENTATION OF FOUR BAR MECHANISM IN WHEELCHAIR | ICI 4.0:2020 Conference Paper published in International Journal of Mechanical Handling and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJMHA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JMHA&page=article&op=view&path%5B%5D=1073 |
| Prof. Devkant Baviskar | | DESIGN AND FABRICATION OF AUTOMATED CHANNEL CLEANER | ICI 4.0:2020 Conference Paper published in Journal of Production Research & Management | International Conference On Industry 4.0 | International | 2019-2020 | 2347-9930 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoPRM/article/view/4377 |
| Prof. Sunil Jankar | | MODIFICATION OF PVC BY USING COCONUT SHELL FIBRE AND BASALT FIBRE | ICI 4.0:2020 Conference Paper published in International Journal of Mechanical Handling and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJMHA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JMHA&page=article&op=view&path%5B%5D=1074 |
| Prof. M B Sorte/ Prof. Nidhi Singh | | Manufacturing of composite material Using sugarcane bagasse and waste plastic for household warm protection | ICI 4.0:2020 Conference Paper published in International Journal of Manufacturing and Materials Processing | International Conference On Industry 4.0 | International | 2019-2020 | 2582-5046 | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJMS&page=article&op=view&path%5B%5D=1103 |
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| Prof. Mitali Mhatre | | FAULT FINDING AND TROUBLE SHOOTING IN MANUFACTURING INDUSTRY | ICI 4.0:2020 Conference Paper published in International Journal of Mechanical Handling and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJMHA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JMHA&page=article&op=view&path%5B%5D=1075 |
| Madhukar B Sorte | | Implementation of Automated Pesticide Sprinkler in existing crop cultivation culture | ICI 4.0:2020 Conference Paper published in International Journal of Mechanical Handling and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJMHA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JMHA&page=article&op=view&path%5B%5D=1075 |

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| Prof. Sunil Sopnur | | REMAPPING OF ECU ENGINE (KTM 390) | ICI 4.0:2020 Conference Paper published in International Journal of Mechanical Handling and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 2582-290X | Saraswati College of Engineering, Kharghar | JournalsPub | Remapping of ECU Engine (KTM 390) Sopnur International Journal of I.C. Engines and Gas Turbines (journalspub.info) |
| Prof. Sreejith Sreenivasan | | PROCESSING OF BIOCOMPOSITES USING ARIAL ROOTS OF BANYAN TREE (FICUS BENGHALENSIS) | ICI 4.0:2020 Conference Paper published in International Journal of Fracture and Damage Mechanics | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJFDM | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJFM&page=article&op=view&path%5B%5D=1035 |
| Prof. Sunil Jankar | | EXPERIMENTAL INVESTIGATION ON DOUBLE BASIN SOLAR STILL SYSTEM | ICI 4.0:2020 Conference Paper published in Journal of Experimental & Applied Mechanics | International Conference On Industry 4.0 | International | 2019-2020 | 2230-9845 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoEAM/article/view/4357 |
| Prof. Keval Patil | | DESIGN AND FABRICATION OF AUTOMATIC PESTICIDES SPRAYER | ICI 4.0:2020 | International Conference On Industry 4.0 | International | 2019-2020 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1j_g6JQDbnIEDNauUhtWBltS-1YJIKY/view?usp=sharing |
| Prof. Sreejith Sreenivasan | | EVALUATION OF TENSILE PROPERTIES OF WASTE CORNHUSK FIBRE REINFORCED EPOXY COMPOSITE | ICI 4.0:2020 ICI 4.0:2020 Conference Paper published in Trends in Machine Design | International Conference On Industry 4.0 | International | 2019-2020 | 2455-3352 | Saraswati College of Engineering, Kharghar | JournalsPub | http://engineeringjournals.stmjournals.in/index.php/TMD/article/view/4383 |
| Prof. Pramod Deshmukh | | DESIGN AND FABRICATION OF PLASTIC WASTE TO OIL CONVERTER | ICI 4.0:2020 ICI 4.0:2020 Conference Paper published in International Journal of Pollution and Noise Control | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJPNC | Saraswati College of Engineering, Kharghar | JournalsPub | Design and Fabrication of Plastic Waste to Oil Converter Ghule International Journal of Pollution and Noise Control (journalspub.info) |
| Prof. Sunil Sopnur | | Design and Fabrication of Semi-Automated Sugarcane Bud Chipper | ICI 4.0:2020 ICI 4.0:2020 Conference Paper published in Journal of Mechatronics and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 2455-1988 | Saraswati College of Engineering, Kharghar | STM Journals | http://engineeringjournals.stmjournals.in/index.php/JoMA/article/view/4398 |
| Prof. Pramod Mourya | | DESIGN AND FABRICATION OF RICE SEEDLING PLANTATION MACHINE | ICI 4.0:2020 | International Conference On Industry 4.0 | International | 2019-2020 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1a2qwMUQYX5CslvGB5gtGimYMMk4pBaV3/view?usp=sharing |
| Prof. Mitali Mhatre | | A Review On Improvement In Productivity & Cycle Time Reduction In Mould Industry | ICI 4.0:2020 Conference Paper published in International Journal of Industrial Engineering and Design | International Conference On Industry 4.0 | International | 2019-2020 | DOI:10.37628/IJIED.V6I1.1080 | Saraswati College of Engineering, Kharghar | Semantic Scholar | https://www.semanticscholar.org/paper/A-Review-on-Improvement-in-Productivity-and-Cycle-Time-Reduction-In-Mould-Industry-Mhatre-Bhoir/e4168bc8ceccae4ddf38da58cf3e405f3bbda4 |

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| Madhukar B Sorte | | Design and Fabrication of Chassis and Bodyworks for Race Purpose | ICI 4.0:2020 Conference Paper published in International Journal of Robotics and Automation | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJRA | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=IJOA&page=article&op=view&path%5B%5D=1053 |
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| Dr. Madan Jagtap | | DESIGN OF AUTOMATIC WASTE SGRGATION AND SHREDDER SYSTEM FOR MSW AND HEAT SIMULATION PROFILE OF INCINERATION SYSTEM | ICI 4.0:2020 Conference Paper published in International Journal of Pollution and Noise Control | International Conference On Industry 4.0 | International | 2019-2020 | 10.37628/IJPNC | Saraswati College of Engineering, Kharghar | JournalsPub | http://mechanical.journalspub.info/index.php?journal=JPN&page=article&op=view&path%5B%5D=1067 |
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| Sandeep Jadhav | | Electric powr generation by Exploitation roof high vntillator | ICI 4.0:2020 | International Conference On Industry 4.0 | International | 2019-2020 | | Saraswati College of Engineering, Kharghar | SCOE, Kharghar, Navi Mumbai | https://drive.google.com/file/d/1pc1UAEnWE3-cECAnPhuximrrr_TsSOls7/viw?usp=sharing |
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| Telang Mansi , Bagure Swapnil, Pawar Ratan, Narkar Sarthak , Mr. Amit Patil , | | Cryogenics. | ICI 4.0 2020 Conference Paper published in International Journal of Research in Engineering, Science and Management | International Conference on Industry 4.0 [ICI 4.0] | International | 2019-2020 | ISSN (Online): 2581-5792 | SCOE | IJRESM | https://www.iiresm.com/Vol.2_2019/Vol2_Iss10_October19/IJRESM_V2_I10_94.pdf |
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| Chetan Thakur , Shreyash Bhoir, Aadil Aziz | | Braking System of Go-Cart | ICI 4.0 2020 Conference Paper published in Trends in Machine Design | International Conference on Industry 4.0 | International | 2019-2020 | eISSN: 2455-3352 | SCOE | STM Journals | https://engineeringjournals.stmjournals.in/index.php/TMD/article/view/4384 |
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| Narvekar Siddhaya, More Akshay , Kharat Rushikesh, Gupta Ajay. , Mr. Amit Patil , Sagar Khataavkar | | Plastic Slatted Plate and Convey or Belt | ICI 4.0 2020 Conference Paper published in Trends in Machine Design | International Conference on Industry 4.0 | International | 2019-2020 | eISSN: 2455-3352 | SCOE | STM Journals | https://engineeringjournals.stmjournals.in/index.php/TMD/article/view/4385 |
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| Prof. Kirti Mhamunkar | | "Iris Biometric Security using Watermarking and Visual Cryptography" | ICI 4.0 -2020 papers published in Journal of Communication Engineering & Systems | International Conference on Industry 4.2 | International | 2019-2020 | 2321-5151 | SCOE | STM Journals | http://stmjournals.com/Journal-of-Communication-Engineering-and-Systems.html |

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| Prof. Kirti Mhamunkar | | "Recruitment Chatbot using AI" | ICI 4.0 -2020 papers published in Journal of Mobile Computing, Communications & Mobile Networks | International Conference on Industry 4.3 | International | 2019-2020 | 2349-901X | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoMCCMN&page=article&op=view&path%5B%5D=2559 |
| Prof. Pragati Pejlekar | | Rear Brake Assist Using Voice Recognition | ICI 4.0 -2020 papers published in Journal of Image Processing & Pattern Recognition Progress | International Conference on Industry 4.4 | International | 2019-2020 | 2394-1995 | SCOE | EasyChair Preprint | https://easychair.org/publications/preprint_open/w3xT |
| Prof. Pragati Pejlekar | | Scanner for Books | ICI 4.0 -2020 papers published in Recent Trends in Parallel Computing | International Conference on Industry 4.5 | International | 2019-2020 | 2393-8749 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=RTPC&page=article&op=view&path%5B%5D=2482 |
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| Prof. Ragini Sharma | | Spider Robot | ICI 4.0 -2020 papers published in International Journal for Research Trends and Innovation | International Conference on Industry 4.8 | International | 2019-2020 | 2455-1872 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoARB&page=article&op=view&path%5B%5D=2521 |
| Prof. Ragini Sharma | | River Cleaning Ro-boat | ICI 4.0 -2020 papers published in International Journal for Research Trends and Innovation | International Conference on Industry 4.9 | International | 2019-2020 | 2456-3315 | SCOE | IJRTI | http://ijrti.org/papers/IJRTI2003020.pdf |
| Prof. Diksha Kumar | | Plant Disease detection using Machine Learning | ICI 4.0 -2020 papers published in Journal of Artificial Intelligence and Research and Advances | International Conference on Industry 4.10 | International | 2019-2020 | 2395-6720 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoAIRA&page=article&op=view&path%5B%5D=2540 |
| Prof. Diksha Kumar | | Remote Disk Booting | ICI 4.0 -2020 papers published in Journal of Advances in Shell Programming | International Conference on Industry 4.11 | International | 2019-2020 | 2395-6690 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoASP&page=article&op=view&path%5B%5D=2529 |
| Prof. Diksha Kumar | | Automated Traffic Control System | ICI 4.0 -2020 papers published in A Journal of Embedded System & Applications | International Conference on Industry 4.12 | International | 2019-2020 | 2395-6712 | SCOE | STM Journals | http://computerjournals.stmjournals.in/index.php/JoESA/article/view/760 |
| Prof. Vrushali Thakur | | Speech To Text Using NLP | ICI 4.0 -2020 papers published in Recent Trends in Parallel Computing | International Conference on Industry 4.13 | International | 2019-2020 | 2393-8749 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=RTPC&page=article&op=view&path%5B%5D=2483 |

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| Prof. Praveen Shinde | | Phishing Website Detection | ICI 4.0 -2020 papers published in Journal of Advances in Shell Programming | International Conference on Industry 4.16 | International | 2019-2020 | 2395-6690 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoASP&page=article&op=view&path%5B%5D=2528 |
| Prof. Anuradha Dandwate | | DDoS Attack Detection And Prevention | ICI 4.0 -2020 papers published in Research & Reviews: A Journal of Embedded System & Applications | International Conference on Industry 4.18 | International | 2019-2020 | 2321-8533 | SCOE | STM Journals | http://computerjournals.stmjournals.in/index.php/JoESA/article/view/725 |
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| Prof. Maahi A. Khemchandani | | Image Processing based Wall Crack Detection | ICI 4.0 -2020 papers published in Journal of Image Processing & Pattern Recognition Progress | International Conference on Industry 4.20 | International | 2019-2020 | 2394-1995 | SCOE | STM Journals | Image Processing based Wall Crack Detection Mahesh Journal of Image Processing & Pattern Recognition Progress (stmjournals.com) |
| Prof. Maahi A. Khemchandani | | Deep Learning Based Plant Disease Detection | ICI 4.0 -2020 papers published in Journal of Network Security | International Conference on Industry 4.21 | International | 2019-2020 | 2395-6739 | SCOE | STM Journals | Deep Learning Based Plant Disease Detection Shetty Journal of Network Security (stmjournals.in) |
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| Prof. Shraddha Subhedar | | Hoax News Detection Using Convolutional Neural Network | ICI 4.0 -2020 papers published in Journal of Operating systems Developments & Trends | International Conference on Industry 4.23 | International | 2019-2020 | 2454-9355 | SCOE | STM Journals | https://computers.stmjournals.com/index.php?journal=JoOSDT&page=article&op=view&path%5B%5D=2564 |
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| Prof. Praveen Shinde | | Bridge Safety Monitoring System | ICI 4.0 -2020 papers published in Journal of Operating Systems Development & Trends | International Conference on Industry 4.25 | International | 2019-2020 | 2454-9355 | SCOE | STM Journals | http://computers.stmjournals.com/index.php?journal=JoOSDT&page=article&op=view&path%5B%5D=2563 |
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| Prof. Sujata Bhairnallykar | | Identifying fake user using FRUI, content and profile based algorithm | 4th International Conference on Communication and Electronics Systems | 4th International Conference on Communication and Electronics Systems | International | 2019-2020 | 9.78173E+12 | SCOE | ICCES 2019 | https://drive.google.com/file/d/1eSxEnY61KEORA4mIVYfQDol0plai1bov/view?usp=sharing |
| Prof. Monali Deshmukh | Data Mining Techniques and Analysis) Book Published | Data mining techniques and Applications | lambert Academic publishing | lambert Academic publishing | International | 2019-2020 | 9786203 028614 | SCOE | Lambart academic publication | https://drive.google.com/file/d/1W2UhgSj74NDblp72-IVlplvJpeBKcuPd/view?usp=sharing |
| Sarita Kale | | A review of smart shopping mall using Android based Bluetooth Becons | International Conference on Emerging Advanced Trends in Engineering, April 2019 | International Conference on Emerging Advanced Trends in Engineering, April 2019 | International | 2019-2020 | | | Saraswati College of Engineering, Kharghar | |
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| 2018-2019 | | | | | | | | | | |
| Rohan Kalamkar , Aneesh Gangal , Vivek Yakkundi | | Hydrogen Storage Characteristics of Mixture of Lithium Amide and Lithium Hydride Using Severt's Type Apparatus | Proceedings of the 2nd International Conference on Advanced Technologies for Societal Applications - Volume 1 | International Conference on Advanced Technologies for Societal Applications | International | 2018-2019 | 978-3-030-16848-3 | | Lokmany Tilak College of Engineering Koperkhairane India | https://link.springer.com/chapter/10.1007/978-3-030-16848-3_96 |
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| Dr. Deepa Parasar | | Derivative-Based Peak Detection Algorithm For PPA Waveforms | International Conference on Computational Intelligence and Computing Research | International Conference on Computational Intelligence and Computing Research | International | 2018-2019 | 978-1-5386-1509-6 | Saraswati College of Engineering, Kharghar | ICCIC | DOI: 10.1109/ICCIC.2018.8782379 |
| Dr. Manjusha Deshmukh | | IOT based systematic disaster management system | IJCA Proceedings on International Conference on Emerging Trends in Computing and Communication | | International | 2018-2019 | 0975 - 8887 | Saraswati College of Engineering, Kharghar | IJCA | https://www.ijcaonline.org/proceedings/icetcc2017/number2/29465-c89 |
| Dr. Deepa Parashar | | Detection and Rectification of Distorted Fingerprints using Geometric Features and FFNN | International Conference on Computing ,Communication and networking Technologies | International Conference on Computing ,Communication and networking Technologies | International | 2018-2019 | 978-1-5386-4431-7 | SCOE | ICCCNT | DOI:10.1109/ICCCNT.2018.8494089 |
| Vaishali Jadhav | | Internet of Things Approach for Smart City Traffic Control, Parking Management, and Vehicle Theft Control | 2019 International Conference on Smart Systems and Inventive Technology (ICSSIT) papers published in Institute of Electrical and Electronics Engineers | International Conference on Smart Systems and Inventive Technology (ICSSIT) | International | 2018-2019 | 978-1-7281-2119-2 | Saraswati College of Engineering, Kharghar | Institute of Electrical and Electronics Engineers | https://ieeexplore.ieee.org/document/8987915 |
| Shanthi P. Selvam | | Statistical Analysis of Effluent Quality Parameters of Common Effluent Treatment Plant | | ADVANCES IN CHEMICAL AND ENVIRONMENTAL ENGINEERING | National | 2018-2019 | Teqip sponsored National Conference | Saraswati College of Engineering, Kharghar | Dr B R Ambedkar National Institute of Technology, Jalandhar-144011, Punjab, INDIA | https://drive.google.com/file/d/1tvWPOaRns_Cyck9qnGIWfUWqQR3jUe/view?usp=sharing |
| Shanthi P. Selvam | | "Performance Evaluation of Sewage Treatment Plant at Kharghar, Navi Mumbai – A case study" | | ADVANCES IN CHEMICAL AND ENVIRONMENTAL ENGINEERING | National | 2018-2019 | Teqip sponsored National Conference | Saraswati College of Engineering, Kharghar | Dr B R Ambedkar National Institute of Technology, Jalandhar-144011, Punjab, INDIA | https://drive.google.com/file/d/12isWNGXe9U6snQOToY7cG16Y8rIAQhm_/view?usp=sharing |
| Paramjit Thakur | | Experimental investigation of burst area in water jet cutting of granite | NCSMWM-2019 | National Conference on Sustainable Manufacturing & Waste Management [NCSMWM-2019] Paper published in IJSER | National | 2018-2019 | ISSN 2229-5518 | Saraswati College of Engineering, Kharghar | IJSER | https://www.ijser.org/onlineResearchPaperViewer.aspx?Optimization-Of-Drilling-Parameters-To-Minimize-The-Cutting-Force-In-Machining-Of-Titanium-Grade-2.pdf |
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| Prasanna Raut | | Design Analysis Of Composite Flywheel Made Of Carbonfiber Using Finite Element Analysis: A Review | NCSMWM-2019 | National Conference on Sustainable Manufacturing & Waste Management [NCSMWM-2019] | National | 2018-2019 | 2229-5518 | Saraswati College of Engineering, Kharghar | International Journal of Scientific & Engineering Research | https://www.ijser.org/researchpaper/Design-Analysis-Of-Composite-Flywheel-Made-Of-Carbonfiber-Using-Finite-Element-Analysis-A-Review.pdf |
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| nilesh patil | OFDM BY inique word prefix | | lambert Academic publishing | lambert Academic publishing | International | 2019-2020 | 9786203 028614 | Saraswati College of Engineering, Kharghar | "LAP Publishing" | lambert Academic publishing |
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| Dr. Bharti Joshi | | Algorithm for cut detection in wireless sensor networks | International Conference on Emerging Trends in Computing and Communication ICETCC (2017) | International Conference on Emerging Trends in Computing and Communication ICETCC 2017 | International | 2016-2017 | | SCOE | ICETCC | https://drive.google.com/file/d/1TS31B4cdzGtWKUMUVbwMcsjgsOI2cdX/view?usp=sharing |
| Dr. Bharti Joshi | | Technique for optimal storage of data over cloud | International Conference on Emerging Trends in Computing and Communication ICETCC (2017) | International Conference on Emerging Trends in Computing and Communication ICETCC 2017 | International | 2016-2017 | | SCOE | ICETCC | https://drive.google.com/file/d/1a16doUxn7kGgUqaNiaFH88ke9VOp1iSR/view?usp=sharing |

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
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| Dr. Deepa Parasar | | Android attendance management search | International Conference on Emerging Trends in Computing and Communication ICETCC (2017) | International Conference on Emerging Trends in Computing and Communication ICETCC 2017 | International | 2016-2017 | | SCOE | ICETCC | https://drive.google.com/file/d/1eTDT-fVyB-IH1du5qX246DJmLzaDgBN/view?usp=sharing |
| Dr. Deepa Parasar | | Survey on reactive jamming attacks | International Conference on Emerging Trends in Computing and Communication ICETCC (2017) | International Conference on Emerging Trends in Computing and Communication ICETCC 2017 | International | 2016-2017 | | SCOE | ICETCC | https://drive.google.com/file/d/1mKv_fz-fwqcl5GeISbDA5uinKKSwbGIQ/view?usp=sharing |

| 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 | National / International | Year of publication | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Provide Web-link of research papers by title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication |
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| Dr. Manjusha Deshmukh | | Comparative study of PCA and LDA method for face recognition | ICONECT | International Conference on Electronics and Computing Technologies | International | 2016-2017 | | Saraswati College of Engineering, Kharghar | | |
| Neha Mahajan | | Vehicular Traffic Control Assistant | International Conference on Emerging Trends in Computing & Communication ICETCC-2017 | ICETCC 2017 | International | 2016-2017 | | Saraswati College of Engineering, Kharghar | IEEE Explorer | |
| Neha Mahajan | | Lifi: The Emerging Future Technology" | International Conference on Emerging Trends in Computing & Communication ICETCC-2017, January 2017 | ICETCC 2017 | International | 2016-2017 | | Saraswati College of Engineering, Kharghar | IEEE Explorer | |
| Neha Mahajan | | "Electricity Energy Meter Monitoring | International Conference on Emerging Trends in Computing & Communication ICETCC-2017, January 2017 | ICETCC 2017 | International | 2016-2017 | | Saraswati College of Engineering, Kharghar | IEEE Explorer | |
| Umesh Pinjarkar | | Smart energy meter using GSM Technology | International Conference on Emerging Trends in Computing and Communication, January 2017 | ICETCC 2017 | International | 2016-2017 | | | | |