

## PUBLICATION OF MECHANICAL ENGG. DEPARTMENT IN 2020

Sr. No.	Name	Counts
1	International Journal	13
2	National Journal	0
3	International Conference	15
4	National Conference	0

**Total: 28**

### **International Journal**

1. Dr. S. J. Gorane Mangesh A. Ahire, Dr. S. B. Rane, “Exploring Barriers in Implementing Agile Supply Chain In Healthcare: An Ism & Micmac Method”, International Journal Of Advanced Science And Technology,2020  
DOI:  
Wlink:<http://sersec.org/journals/index.php/IJAST/article/view/27440>
2. Santosh B Rane Nandkumar Mishra, “Development and Deployment of Organizational Culture Maturity Model (Tmke) For The Business Excellence Success” International Journal of Business Excellence, 2020  
DOI:<https://doi.org/10.1504/IJBEX.2020.107591>  
Wlink: <http://www.inderscience.com/offer.php?id=107591>
3. Milind Shrikant Kirkire, Santosh B Rane, Gayatri Jayant Abhyankar, “Structural Equation Modelling–Ftopsis Approach For Modelling Barriers To Product Development In Medical Device Manufacturing Industries”, Journal Of Modelling In Management, 2020  
DOI:<http://dx.doi.org/10.1108/JM2-09-2018-0139>  
Wlink:[https://www.researchgate.net/publication/338997589\\_Structural\\_equation\\_modeling\\_FTOPSIS\\_approach\\_for\\_modelling\\_barriers\\_to\\_product\\_development\\_in\\_medical\\_device\\_manufacturing\\_industries](https://www.researchgate.net/publication/338997589_Structural_equation_modeling_FTOPSIS_approach_for_modelling_barriers_to_product_development_in_medical_device_manufacturing_industries)
4. Bhaveshkumar N Pasi, Subhash K Mahajan, Santosh B Rane, “Smart Supply Chain Management: A Perspective Of Industry 4.0”, Supply Chain Management, 2020  
DOI:<http://dx.doi.org/10.13140/RG.2.2.29012.01920>  
Wlink: <http://sersec.org/journals/index.php/IJAST/article/view/11604>
5. Santosh B Rane, Prathamesh Ramkrishana Potdar, Suraj Rane, “Data-Driven Fleet Management Using Moora: A Perspective Of Risk Management”, Journal Of Modelling In Management, 2020  
DOI:<https://doi.org/10.1108/JM2-03-2019-0069>  
Wlink:<https://www.emerald.com/insight/content/doi/10.1108/JM2-03-2019-0069/full/html>
6. Jay M Ovalekar, Nr Raykar, P Murali Mohan, “Comparative Study Of Design Methods For Bolted Flanges Subjected To External Loading”, Materials Today: Proceedings, 2020  
DOI:<https://doi.org/10.1016/j.matpr.2020.05.736>  
Wlink:<https://www.sciencedirect.com/science/article/pii/S2214785320343480?via%3Dihub>

7. Vaidehi Patil, Tanisha Narnaware, Narendra Gangwani, Nr Raykar, "Development Of Flexible Universal Gripper For Handling Light Weight Parts Of Arbitrary Shape", Materials Today: Proceedings, 2020  
DOI:<http://dx.doi.org/10.1016/j.matpr.2020.05.705>  
Wlink:<https://www.sciencedirect.com/science/article/pii/S2214785320343170?via%3Dihub>
8. Rohit G Kamble, Nr Raykar, Dn Jadhav, "Machine Learning Approach To Predict Fatigue Crack Growth", Materials Today: Proceedings, 2020  
DOI:<https://doi.org/10.1016/j.matpr.2020.07.535>  
Wlink:<https://www.sciencedirect.com/science/article/pii/S2214785320356455?via%3Dihub>
9. Vinit Sonavane, Kiran Bhole, "Static And Frequency Analysis Of Triple Stage Three Arm Spiral Shape Flexural Bearing Using Fea", Materials Today: Proceedings, 2020  
DOI:<https://doi.org/10.1016/j.matpr.2020.04.456>  
Wlink:<https://www.sciencedirect.com/science/article/pii/S2214785320330789?via%3Dihub>
10. Abhilash B Walte, Kiran Bhole, Jayram Gholave, "Mechanical Characterization Of Coir Fiber Reinforced Composite", Materials Today: Proceedings, 2020  
DOI:<https://doi.org/10.1016/j.matpr.2020.04.309>  
Wlink:<https://www.sciencedirect.com/science/article/pii/S221478532032931X?via%3Dihub>
11. Sanket S Devkare, Kiran S Bhole, Bharatbhushan S Kale, Chetna Sharma, "Control Of Viscous Fingering Of Bingham Plastic Fluid In Lifting Plate Hele-Shaw Cell", Materials Today: Proceedings, 2020  
DOI:<https://doi.org/10.1016/j.matpr.2020.05.314>  
Wlink:<https://www.sciencedirect.com/science/article/pii/S2214785320338785?via%3Dihub>
12. Bharatbhushan S. Kale, Kiran S. Bhole, Sanket S. Devkare, Chetna Sharma, "Simulation of Viscous Fingers Developed in Lifting Plate Hele-Shaw Cell in Volume of Fluid Model", International Journal of Advanced Science and Technology, 2020  
DOI:  
Wlink:<http://sersc.org/journals/index.php/IJAST/article/view/31990>
13. Santosh B Rane, Shivangi Viral Thakker, Ravi Kant, "Stakeholders' involvement in green supply chain: a perspective of blockchain IoT-integrated architecture", Management of Environmental Quality: An International Journal, 2020  
DOI:<http://dx.doi.org/10.1108/MEQ-11-2019-0248>  
Wlink:<https://www.emerald.com/insight/content/doi/10.1108/MEQ-11-20190248/full/html>

### **International Conference**

1. Syed Abdul Mateen, Kiran S Bhole, "A Review On Microfluidic Devices For Separation Of Blood Constituents", IOP Conference Series: 2nd International Conference On Emerging Trends In Manufacturing, Engines And Modelling, 2020  
DOI:<http://dx.doi.org/10.1088/1757-899X/810/1/012024>  
Wlink:<https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012024>

2. Sanket S Devkare, Kiran S Bhole, "Review Of Micro Cantilever Sensors For Detecting Diseases: Fabrication Methodologies And Sensing Techniques", IOP Conference Series: 2nd International Conference On Emerging Trends In Manufacturing, Engines And Modelling, 2020  
DOI: <http://dx.doi.org/10.1088/1757-899x/810/1/012069>  
Wlink: <https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012069>
3. Sanket S. Devkare, Kiran S.Bhole, Bharat Bhushan S. Kale, Chetna Sharma, "Control of Viscous Fingering Of Bingham Plastic Fluid In Lifting Plate Hele-Shaw Cell", International Conference On Aspects Of Materials Science And Engineering, 2020  
DOI: <https://doi.org/10.1016/j.matpr.2020.05.314>  
Wlink: <https://www.sciencedirect.com/science/article/pii/S2214785320338785?via%3Di%3Dhub>
4. Chetan Prakash Chaudhari, Kiran Bhole, "A Review On Characteristics Of Natural Fibre Composite", IOP Conference Series: 2nd International Conference On Emerging Trends In Manufacturing, Engines And Modelling, 2020  
DOI: <http://dx.doi.org/10.1088/1757-899X/810/1/012007>  
Wlink: <https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012007>
5. Bhaveshkumar Nandanram Pasi, Subhash K Mahajan, Santosh B Rane, "The Current Sustainability Scenario Of Industry 4.0 Enabling Technologies In Indian Manufacturing Industries", International Journal Of Productivity And Performance Management, 2020  
DOI: <https://doi.org/10.1108/IJPPM-04-2020-0196>  
Wlink: <https://www.emerald.com/insight/content/doi/10.1108/IJPPM-04-20200196/full/html>
6. Amol Mangrulkar, Santosh Rane, Vivek Sunnapwar, "Image-Based Bio-Cad Modeling: Overview, Scope, And Challenges", Journal Of Physics: Conference Series, 2020  
DOI: <http://dx.doi.org/10.1088/1742-6596/1706/1/012189>  
Wlink: <https://iopscience.iop.org/article/10.1088/1742-6596/1706/1/012189>
7. Amol Mangrulkar, Santosh Rane, Vivek Sunnapwar, "Computer Vision Methods For Fragmented Skull Prototyping: Bio-CAD Application", 2020 Third International Conference On Smart Systems And Inventive Technology, 2020  
DOI: <https://doi.org/10.1109/ICSSIT48917.2020.9214197>  
Wlink: <https://ieeexplore.ieee.org/document/9214197>
8. Greegory Mathew, Santosh B Rane, "Reliability Estimation Of Molded Case Circuit Breaker In Development Phase", Proceedings Of International Conference On Intelligent Manufacturing And Automation, 2020  
DOI: [http://dx.doi.org/10.1007/978-981-15-4485-9\\_59](http://dx.doi.org/10.1007/978-981-15-4485-9_59)  
Wlink:
9. Greegory Mathew, Santosh B Rane, Yogesh Patil, Sanjay V Mohan, "Development Of Spring Life Test Apparatus And Life-Cycle Assessment Of Extension Springs", Proceedings Of International Conference On Intelligent Manufacturing And Automation, 2020  
DOI: [http://dx.doi.org/10.1007/978-981-15-4485-9\\_51](http://dx.doi.org/10.1007/978-981-15-4485-9_51)  
Wlink: [https://link.springer.com/chapter/10.1007%2F978-981-15-4485-9\\_51](https://link.springer.com/chapter/10.1007%2F978-981-15-4485-9_51)
10. Bhaveshkumar N Pasi, Subhash K Mahajan, Santosh B Rane, "Enabling Technologies And Current Research Scenario Of Industry 4.0: A Systematic Review", Proceedings Of International Conference On Intelligent Manufacturing And Automation, 2020  
DOI: [https://doi.org/10.1007/978-981-15-4485-9\\_28](https://doi.org/10.1007/978-981-15-4485-9_28)

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11. Sanket S Devkare, Kiran S Bhole, “Review Of Micro Cantilever Sensors For Detecting Diseases: Fabrication Methodologies And Sensing Techniques”, IOP Conference Series: Materials Science And Engineering, 2020  
DOI:<https://doi.org/10.1088/1757-899x/810/1/012069>  
Wlink:<https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012069/meta>
  12. Kiran Bhole, Sachin Mastud, “Generalized Design Methodology For Three-Arm Spiral Cut Compliant Linear Stage”, Operations Management And Systems Engineering, 2020  
DOI:[https://doi.org/10.1007/978-981-15-6017-0\\_11](https://doi.org/10.1007/978-981-15-6017-0_11)  
Wlink:[https://link.springer.com/chapter/10.1007/978-981-15-6017-0\\_11](https://link.springer.com/chapter/10.1007/978-981-15-6017-0_11)
  13. Ajit S Palve, Suyog Shinde, Kiran S Bhole, “On Comparison Of Expansion Bellow Design Approaches”, Operations Management And Systems Engineering, 2020  
DOI:[https://doi.org/10.1007/978-981-15-6017-0\\_9](https://doi.org/10.1007/978-981-15-6017-0_9)  
Wlink:[https://link.springer.com/chapter/10.1007/978-981-15-6017-0\\_9](https://link.springer.com/chapter/10.1007/978-981-15-6017-0_9)
  14. Chetan Prakash Chaudhari, Kiran Bhole, “A Review On Characteristics Of Natural Fibre Composite”, IOP Conference Series: Materials Science And Engineering, 2020  
DOI:<http://dx.doi.org/10.1088/1757-899X/810/1/012007>  
Wlink:<https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012007>
  15. Syed Abdul Mateen, Kiran S Bhole, “A review on microfluidic devices for separation of blood constituents”, IOP Conference Series: Materials Science and Engineering, 2020  
DOI:<http://dx.doi.org/10.1088/1757-899X/810/1/012024>  
Wlink:<https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012024>

