

## Academic Year 2019-2020

### PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES

Authors	Title of paper	Details of Conference (Name of conference, dates, and duration, Organising body details, ISBN)
<b>V. R. Patil</b>	A study on performance and emission characteristics of diesel engine for lower blends of Karanja biodiesel.	International Conference on Advances in Mechanical Engineering (ICAME-2020) (10,11 Jan20), organized by Department of Mechanical Engineering, Visvesvaraya National Institute of Technology, (VNIT)Nagpur, Maharashtra
<b>V. R. Patil</b>	Effect of biodiesel (Preheated and Lower blend) on performance of diesel Engine.	International Conference on Mechanical Engineering for Sustainable Development-2020, Organized by Mechanical Engg Dept, AISSMSCOE, Pune, Maharashtra, India (17-18 Feb 20200
<b>Dr.V.S. Kalyani</b>	Assessment of quality of commercial milk samples by simple physicochemical methods	Name of conference: AIChE regional conference 2019 India (international conference) Dates: 30-31 August 2019 Organising body: American Institute of Chemical Engineers (AIChE) in association with MIT-World peace University Pune.
<b>Dr. V.S.Kalyani</b>	A simple technique for activated charcoal preparation from bagasse	Name of conference: Deccan Sugar technology Association 65 <sup>th</sup> annual convention -2019 (National Conference) Organizing committee: The Deccan Sugar Technologists' Association (India) dates: October 2019
<b>Dr. D. V. Nighot</b>	Synthesis and physicochemical properties of doped nan oxides-dilutemagnetic semiconductors	Journal of Materials Science: Materials in electronics,30 (14) ElectronicISSN 1573-482X Print ISSN0957-4522 Springer

**PAPERS PUBLISHED IN REFEREED JOURNALS:**

<b>Authors</b>	<b>Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)</b>
<b>Dr. A. B. Patil</b>	“On coefficient inequalities for certain subclasses of meromorphic bi-univalent functions” published in Italian Journal of Pure and Applied Mathematics – N.43-2020 (197-205) (Indexed in Scopus & Listed in UGC CARE list)
<b>Dr. V.S.Kalyani</b>	Self-Assembly of Single-Pyrene-Armed Calix [4] arene: Modulation and Complexation with p-Sulfonatocalix [6]arene ChemistrySelect 2019, 4(29), 8542-8549 Wiley Publication ISSN: 2365-6549
<b>Dr. V.S.Kalyani</b>	The investigation of cooperative binding between p-sulfonatocalix[6]arene and fluorescein with transition metal ions by spectrometrically Journal of Chemical Sciences, 2020, 132,1,16 Springer Publication ISSN: 0973-7103
<b>Dr. V.S.Kalyani</b>	Investigation of host-guest complexation of the ternary model: p-Sulfonatothiacalix [4] arene-fluorescein-M2+ Polyhedron, 2020, 177,114268 Elsevier publication ISSN:0277-5387
<b>P.R.Satarkar</b>	Published paper on “Economical Design of Bridge component” in international research journal of Engineering and Technology, ISSN 2395-0072, volume 7 Issue 6, June 2020, Impact factor 7.529
<b>S.S. Bhuinyan</b>	“Design of EPS Geofoam as a Pavement Block” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06 Issue: 11   Nov 2019.
<b>S.S. Bhuinyan</b>	Published Paper “Review on Numerical Modelling Studies to optimize the layout of Fishery Harbour on the west coast of India” in International Research Journal of Engineering and Technology volume 7 Issue 7 Issue 5 may 2020.
<b>S.S. Bhuinyan</b>	Published Paper “Efficiency Ecosphere as cement Replacement Materialfor Strength Performance of Siporex and Conventional Red Brick” in International Journal of Creative Research Thoughts.ISSN 2320-2882 March 2020

<b>S.S. Bhuinyan</b>	Paper Published on “Effect of Varying Concentration of NaOH on Geopolymer Concrete” in International Research Journal of Engineering and Technology. Volume 7 Issue 6, June 2020, ISSN 2395-0056.
<b>B.U.Patil</b>	"Disc Brake Squeal-A Review Page No. 16-22 International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) ISSN 2278-2540
<b>A.S.Ghorpade</b>	Paper published on" Survey on Clustering Methods for Intelligent Data Mining " in International Journal of Scientific Research and Reviews IJSRR 2019, 8(2), April. – June., 2019 ISSN: 2279–0543
<b>S.M.Manglekar</b>	Recommendation System Using Sentiment Analysis IJSRET, vol-6, Issue-1, Jan-Feb-2020, ISSN: 2350-0328

#### BOOK/ ARTICLE PUBLICATIONS

<b>Author</b>	<b>Title of the Book</b>	<b>Published by</b>	<b>ISBN /ISSN</b>	<b>Year</b>
<b>Dr. V.S.Kalyani</b>	Article- Investigation of host-guest complexation of the ternary model: p-Sulfonatothiacalix [4] arene-fluorescein-M2+ Polyhedron	Elsevier	0277-5387	2020/2/1