Academic Year 2020-2021
PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	S. S. Khasbage	Experimental investigation of forming parameters for square cup deep drawing process	2020	ICADMA 2020	https://doi.org/10.1016/j.matpr.2020.10.543	MNIT JAIPUR
2	S.S.Bhuinyan	Study of Energy Dissipator with Different Blocks to Reduce Basin Width and Trajectory: A Review	2021	Hydro 2020, International Conference, organised by NIT , Rourkela, Odisha in association with the Indian Society for Hydraulics(I S H), Pune, India	Proceeding	123ifferent by NIT, Rourkela, Odisha in association with the Indian Society for Hydraulics (I SH), Pune, India
3	S. S.Bhuinyan	Numerical Modelling for Wave Transformation alongthe Ratnagiri Coast Case Study	2021	Hydro2020 International Conference,organised by NIT , Rourkela, Odisha in association with the Indian Society for Hydraulics(I S H), Pune, India	Proceeding	12Different by NIT, Rourkela, Odisha in association with the Indian Societyf or Hydraulics (I SH), Pune, India
4	Dr. V.S. Kalyani	Hydroxycoumarin encapsulated sulfonatothiacalix[4]arene: 1H-NMR, steady state 124ifferent124ce and theory	2021	Journal of Molecular Liquids 339 (2021) 1167	Journal article ISBN: 0167-7322	Elsevier Journal (Impact factor= 5.06)

5	Structural, Electrical and Magnetic Properties of Substituted Pyrochlore Oxide Nanoparticles Synthesized by the Co-Precipitation Method	D. V. Nighot& et.al.	2021	1729-4428 (print), 2309-8589 (online)	Physics and Chemistry of Solid State.Vol. 22 (2) (2021) 353-371	Vasyl Stefanyk Precarpathian National University
6	Synthesis, structural and electrical conduction of some dual doped semiconductor oxides nanoparticles for photocatalytic degradationof Victoria blue-B and Brilliant yellow under solar light irradiation	D. V. Nighot& et.al.	2021	10854-021-05237-6	J Mater Sci:Mater Electron Vol. 32 (2021) 4998–5034	Springer Nature
7	Electrical and Magnetic Properties of Cd1-XFe2-XCoxBi0.3O4 Nanoparticles Synthesized by Chemical Co-precipitation Technique	D. V. Nighot& et.al.	2021	ISSN: 2455-6211	Int. J ResEdu Sci Methods Vol. 9 (3) (2021) 2455-6211	IJARESM publication
8	Extraction of bioethanol from waste pomegranate fruits as a potential feedstock and	D. V. Nighot& et.al.	2021	ISSN: 1364-0321	Renewable and Sustainable Energy Reviews 148 (2021)	Elsevier

	its blending effects on a performance of a single cylinder SI engine.				111383	
9	Preparation and Characterization of Nanosized Substituted Perovskite Compounds with Orthorhombic Structure.	D. V. Nighot & et.al.	2021	ISSN 1729-4428 (Print); ISSN 2309-8589 (Online)	Physics and Chemistry of Solid State 22 (4) (2021), 664-686	Vasyl Stefanyk Precarpathian National University

PAPERS PUBLISHED IN JOURNALS

S. No	Authors	Document Details	Year	Source Details	ISBN/ ISSN	Publisher
1	Dr.N.N.Shejwal	"Photonics Crystals: Transfiguring the stream of Photon," International multidisciplinary Journa	July-September 2020	International multidisciplinery Journal "AJANTA" 2020 vol.IX, Issue- III, July-September 2020, UGC Journal No. 40776	SJIF.-6.39, ISSN No.:2277-5730, pp:39-45	International multidisciplinary Journal "AJANTA"
2	A. B. Patil	Improved Estimates on Initial Coefficients of Certain Subclasses of Bi-univalent Functions – Amol B Patil and Uday H Naik	July, 2020	Global Journal of Pure and Applied Mathematics, Volume 16, Number 3 (2020), pp. 507-514 https://www.ripublication.com/gjpam20/gjpamv16n3_11.pdf	ISSN 0973-1768	Research India Publications
3	P.R.Satarkar	"Economical Design of Bridge component"	June 2020	International research journal of Engineering ndTechnology	ISSN 2395-0072, Impact factor 7.529	
4	P.R.Satarkar	"Study of micro hydro power plant for rural electrification"	June 2020	International research journal of Engineering ndTechnology	1. ISSN 2395-0072, Impact factor 7.529	
5	S.S.Bhuinyan	Effect of Varying Concentration of NaOH on Geopolymer Concrete	June 2020	International Research Journal of Engineering and Technology (IRJET)	e- ISSN: 2395-0056,p -ISSN: 2395-0072	

				, Volume: 07 Issue: 06		
6	S. S. Ayare	Published paper on A Review: WiFi 6 Technology	vol 7 December 2020	International Research Journal of Engineeringand Technology (IRJET), Volume: 07 Issue: 12	e-ISSN: 2395-0056, p -ISSN: 2395- 0072	
7	S. S. Patil	Numerical & Experimental Study of Cooling in CPU with Metal Foam Heat Sink	Nov 2020	International Journal of Advances in Engineering and Management (IJAEM)	ISSN: 2395- 5252	
8	B.A.Patil	"Intelligent Agriculture System With Crop Selection using IOT "	October 2020	SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, 12(Special Issue-2), 1-5 on October 2020 (UGC CARE Journal)	Print ISSN: 2229-7111 Online ISSN: 2454– 5767	
9	A. B. Patil	Coefficient Estimates for Certain Subclassesof m-Fold Symmetric Bi-univalent Functions Associated with Pseudo-Starlike Functions – Tamilian G Shaba and Amol B Patil	March, 2021	Earthline Journal of Mathematical Sciences, Volume 6, Number 2, 2021, Pages 209-223 https://doi.org/ 10.34198/ejms. 6221.209223	ISSN (Online): 2581- 8147	Earthline Publishers
10	S. S. Patil	Kinematic and dynamic analysis of hatch quick opening/closing Mechanism for canister	May 2021	International Journal of Creative Research Thoughts (IJCRT)	ISSN (Online)2320 -2882	

11	S. S. Patil	Design of Car	December 2020	International Journal of Creative Research Thoughts (IJCRT)	ISSN (Online)2320 -2882	
12	S. S. Patil	Use of MATLAB Software for Optimization of Shock Absorber Parameters (UGC Listed)	March 2021	UGC Approved Journal International Advanced Research Journal in Science, Engineering and Technology ISO 3297:2007 Certified	ISSN (Online) 2393-8021	Tejass Publisheers ORGANIZATION
13	B.A.Patil	A Machine Learning Approach to Predict Price of Airlines Tickets"	February 2021	Internatonal Journal for Research in Applied Science and Enineering Technology Volume 9, Issue II	ISSN: 2321-9653	

BOOK/ ARTICLE PUBLICATIONS

Author	Title of the Book	Published by	ISBN	Year
Dr.N.N.Shejwal	Book Chapter Entitled, "Green House Gases And Their Management"	Published In Edited Book "Environmental Protection: Critical Perspectives In Science And Literature", Publisher: Tredition Gmbh, Halenreie 40-44, 22359 Hamburg, Germany, Copyright © 2021Dr. Mallesh Reddy, Dr. Sanjay N. Shende, Dr. Premila Swamy D	ISBN Paperback:978-3-347-.27115-9, Hardcover: 978-3-347-27116-6, Ebook:978-3-347-27117-3	
	Book Chapter Entitled, "Transfiguring Features of Pure And L-Cysteine Doped Bis-Thiourea Cadmium Chloride (Btcc) Materials for Photonic Applications"	By DNA Publisher, Nagpur, Maharashtra, India, 2021		
	Book Chapter Entitled Indian Education: From Bullock Cart To Cyber Mart,	Indian Scenario Of School And College Ducation In 2020 – 2021, Cape forum, Of By And For You Publication, Kanniyakumari | Tamil Nadu | India, Second - Volume-Ii, 1-108, Editor, Dr. C. Subathra, May 2021	ISBN No. 978-81-942871-9-3,	
	Abstract Entitled Enhancing Rural Hygiene With Magic Soak Pit	One Day Interdisciplinary International Conference On 'Perspectives Of Preparing And Implementing The Swachh Bharat Abhiyan', Organized By National Service Scheme (Nss), B. K. Birla College Of Arts, Science & Commerce (Autonomous), Kalyan, Maharashtra, India, March 06, 2021.		
	Book Chapter entitled, "21st century: Window of opportunities"	RUPA GUPTA		