



Parvatibai Chowgule College of Arts and Science  
Autonomous

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Best affiliated College-Goa University Silver Jubilee Year Award

## Research Papers Published in 2019-20 indexed in UGC List/SCOPUS/ Web of Science

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to article/paper/abstract of the article
1	BIOGENESIS OF SILVER NANOPARTICLES FROM AGRO-WASTE	<b>KANCHANA R,</b> APURVA FERNANDES	Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2019	24553891	<a href="https://innovareacademics.in/journals/index.php/ajpcr/article/view/36014">https://innovareacademics.in/journals/index.php/ajpcr/article/view/36014</a>
2	Spin-1 bosons in optical superlattice	Chetana G. F. Gaonkar, B.K.Alavani, <b>A. Das</b> and R. V. Pai	Physics	AIP Conference Proceedings(DAE Solid State Physics Symposium 2018)	2019	978-0-7354-1851-6	<a href="https://aip.scitation.org/doi/10.1063/1.5112855">https://aip.scitation.org/doi/10.1063/1.5112855</a>
3	"A Simple and Efficient Route to 2-Arylimidazo[1,2-a]pyridines and Zolimidine Using Automated Grindstone Chemistry"	Das D, Bhutia ZT, <b>Panjikar PC</b> , Chatterjee A and Banerjee M	Chemistry	Journal of Heterocyclic Chemistry (Wiley Publications)	2020	0022-152X	<a href="https://onlinelibrary.wiley.com/doi/10.1002/jhet.4106">https://onlinelibrary.wiley.com/doi/10.1002/jhet.4106</a>

4	"Iodine Promoted Efficient Synthesis of 2-Arylimidazo[1,2- $\alpha$ ]pyridines in Aqueous Media: A comparative study between Micellar Catalysis and an "On-Water" Platform"	Bhulia ZT, <b>Panjikar PC</b> , Iyer S, Chatterjee A and Banerjee M	Chemistry	<i>ACS Omega</i> 2020	2020	2470-1343	<a href="https://pubmed.ncbi.nlm.nih.gov/32548520/">https://pubmed.ncbi.nlm.nih.gov/32548520/</a>
5	A new modified Morse potential function for diatomic molecules	Desai AM, Mesquita N, and Fernandes V	Physics	Physica Scripta,	2020	1402-4896	<a href="https://iopscience.iop.org/article/10.1088/1402-4896/ab9bdc">https://iopscience.iop.org/article/10.1088/1402-4896/ab9bdc</a>
6	Sensory Evaluation of Nutritionally Potential High Protein Low Glycemic Index Noodles.	Kanchana R., Vaz S, Reddy D, Antao A, Shirodkar T	Biotechnol ogy	Journal of Scientific Research	2020	ISSN: 0447- 9483	<a href="https://www.bhu.ac.in/research_pub/jsr/Volumes/JSR_64_02_2020/18.pdf">https://www.bhu.ac.in/research_pub/jsr/Volumes/JSR_64_02_2020/18.pdf</a>
7	Comparative Analysis of Value-added Cancer Preventive Ice-creams	Motankar MM, Vaidya P, Halder S, Neurenkar S, Gaonkar S, Desa M	Biotechnol ogy	Journal of Scientific Research	2020	ISSN: 0447- 9483	<a href="https://new.bhu.ac.in/Images/files/15(1).pdf">https://new.bhu.ac.in/Images/files/15(1).pdf</a>