

## GRANT DETAILS-2024-25

External grant						
S N	Name of the PI & Co-PI	Sponsorin g Agency	Grant amount (₹)	Title of the Project	Duration of Project	Status
Fund Received by Faculty:						
1.	Dr. Ujwal P. and Dr. Santhosh Poojary	KSBDB- GoK	300,000	Biofuel research, information and demonstration centre, Nitte	Ongoing	Ongoing
2.	Dr Vidya SM	DAE- BRNS	5,39,254	Development of Underutilized legume-millet symbiotic nutraceutical formulation in mitigation of obesity and malnutrition	3 years	Ongoing
Total			8,39,254			
Research Grant received with UG Student Group (Faculty as mentor):						

Dr Ujwal P	<b>5000</b>	EXTRACTION, SYNTHESIS AND CHARACTERISATION OF BIOSUSTAINABLE SOY- OIL BASED ALGAL INK
No. of External Research Grants:		<b>3</b>
No. of faculty received Research Grants:		<b>3</b>
<b>Total Grant amount received</b>		<b>8,44,254</b>

<b>Other Research Grants (Funded by the Institute): Sanctioned Amount</b>					
<b>S N</b>	<b>Name of the PI &amp; Co-PI</b>	<b>Sponsoring Agency</b>	<b>Grant amount (₹)</b>	<b>Duration of Project</b>	<b>Status</b>
1.	Dr. Sneha Nayak & Dr Louella Concepta Goveas	Nitte (Deemed to be University)	<b>1,00,000</b>	<b>2</b>	<b>Ongoing</b>
2.	Dr. Sandesh K & Dr Ujwal P	Nitte (Deemed to be University)	<b>1,50,000</b>	<b>2</b>	<b>Ongoing</b>
3.	Dr. Louella Concepta Goveas & Dr	Nitte (Deemed to be University)	<b>1,50,000</b>	<b>2</b>	<b>Ongoing</b>

	Vidya SM, Dr Sneha Nayak				
4.	Dr. Vidya SM	Nitte (Deemed to be University)	<b>1,60,000</b>	<b>2</b>	<b>Ongoing</b>
<b>Sanctioned Grant Total (2024-25)</b>			<b>Rs 14,04,254</b>		

**Faculty Patents for AY August 01<sup>st</sup> 2024 – July 31<sup>st</sup> 2025**

S.N.	Faculty Names	Title	Patent Published/Granted	Application/Grant Number	Date of Publication/Grant
1	Dr. Ujwal P Dr Sandesh K	RAPID ARSENIC DETECTION KIT FOR FRUITS AND VEGETABLES	Granted	554287 Application No 202441034519	13/11/2024
2	Dr Chetan DM	IOT-DRIVEN SOIL MONITORING AND CROP MANAGEMENT WITH MACHINE LEARNING (ML) FOR FERTILIZER RECOMMENDATION	Published	Application No 202411097657 A	27/12/2024
3.	Dr. Chetan DM	ML AND IOT IN AGRICULTURE: PRECISION CROP RECOMMENDATION BASED ON RAINFALL	Published	Application No 202411061647 A	30/08/2024
4.	Dr. Chetan DM	A MICROORGANISMS STAINING KIT	Granted	431044-001	18/11/2024
5	Dr. Harshitha M Jathanna	COMPOSITION AND CONDITIONS FOR PRODUCING AND IMPROVING MICROBIAL OIL AND PIGMENT FROM CRUDE GLYCEROL	Published	Application No 202541013772 A	28/02/2025

6	Dr Sneha Nayak	COMPOSITION AND METHOD FOR SYNTHESIS OF SILVER NANOPARTICLE-BASED NANOCOMPOSITE	Published	Application No.202541046040	30/05/2025
7	Dr Vidya SM	BIOPOLYMERIC COMPOSITION FOR THE FABRICATION OF FOAM LIKE BIOMATERIALS	Published	Application No.202441070408 A	04/10//2024
8	Dr. Shyama Prasad Sajankila	Beer Brewing Method Utilizing Mud Pot Fermentation	Published	202441099576	20-12-2024
9	Dr Ujwal P, Dr Sandesh K	A Method Of Producing Sustainable Asphalt From Bio Refinery Derivative	Published	202441057308	02-08-2024
10	Dr. Louella Concepta Goveas, Dr. Vijeesh V	THREE-DIMENSIONAL PRINTABLE THERMORESPONSIVE SMART HYDROGEL COMPOSITION AND METHOD THEREOF	Published	02541024572 A	28-03-2025
11	Dr Sneha Nayak, Dr Louella Concepta Goveas, Dr Abhishek Rao	AUTOMATED BACTERIAL COLONY DETECTION AND COUNTING SYSTEM AND METHOD THEREOF	Published	202541020588 A	21/03/2025

**Research Paper Publications for AY August 01<sup>st</sup> 2024 – July 31<sup>st</sup> 2025**

SI No	Month	Paper	Details
1	August	Selvaraj R, Iyer RV, Murugesan G, <b>Goveas LC</b> , Varadavenkatesan T, Samanth A, Vinayagam R. Modeling 2, 4-dichlorophenoxyacetic acid adsorption on candle bush pod-derived activated carbon: Insights from advanced statistical physics models. Journal of Water Process Engineering. 2024, 106027. <a href="https://doi.org/10.1016/j.jwpe.2024.106027">https://doi.org/10.1016/j.jwpe.2024.106027</a>	Journal: Journal of Water Process Engineering, Q1, Scopus and Web of Science, H Index:89, Online ISSN: 2214-7144 CiteScore: 10.7 SNIP: , SJR: 1.28 , Impact Factor: 6.3 Journal Link: <a href="https://www.sciencedirect.com/journal/journal-of-water-process-engineering">https://www.sciencedirect.com/journal/journal-of-water-process-engineering</a>
2	September	Shamanna V, Srinivas S, Couto N, Nagaraj G, <b>Sajankila SP</b> , Krishnappa HG, Kumar KA, Aanensen DM, Lingegowda RK, NIHR Global Health Research Unit on genomic surveillance-India consortium. Geographical distribution, disease association and diversity of Klebsiella pneumoniae K/L and O antigens in India: roadmap for vaccine development. Microbial Genomics. 2024, 10(7):001271. <a href="https://doi.org/10.1099/mgen.0.001271">https://doi.org/10.1099/mgen.0.001271</a>	Journal: Microbial Genomics, Q1, Scopus and Web of Science, H Index:52, ISSN:20575858 . Impact Factor: 4.0 Journal Link: <a href="https://www.microbiologyresearch.org/content/journal/mgen">https://www.microbiologyresearch.org/content/journal/mgen</a>
3	September	Nagendran V, <b>Goveas LC</b> , Vinayagam R, Varadavenkatesan T, Selvaraj R. Nanozymes in environmental remediation: A bibliometric and comprehensive review of their oxidoreductase-mimicking capabilities. Microchemical Journal. 2024 Sep 21:111748. <a href="https://doi.org/10.1016/j.microc.2024.111748">https://doi.org/10.1016/j.microc.2024.111748</a>	Journal: Microchemical Journal, Q1, Scopus and Web of Science, H Index:107, Online ISSN: 1095-9149, Linking ISSN: 0026-265X CiteScore: 8.7 SNIP: , SJR: 0.74 , Impact Factor:4.9 Journal Link: <a href="https://www.sciencedirect.com/journal/microchemical-journal">https://www.sciencedirect.com/journal/microchemical-journal</a>
4	October	<b>Nayak, S.</b> , Hegde, R.B., Rao, A.S. <i>et al.</i> Revitalizing agriculture with the potential of cashew nutshell liquid: a comprehensive exploration and synergy with AI. <i>Discov Appl Sci</i> 6, 557 (2024). <a href="https://doi.org/10.1007/s42452-024-06258-6">https://doi.org/10.1007/s42452-024-06258-6</a>	Journal: Discover Applied Sciences, Q1, Scopus, Impact Factor: NIL, H

			Index: 74, Cite Score: 7.0, SJR: NA, ISSN: 3004-9261 Journal Link: <a href="https://link.springer.com/journal/42452">https://link.springer.com/journal/42452</a>
5	November	<b>Nayak S, Goveas LC, Sajankila SP.</b> Exploring the efficacy of Pongamia pinnata-induced silver nanoflowers for efficient adsorptive degradation of malachite green dye. <i>Biotechnology for Sustainable Materials</i> . 2024 Nov 19;1(1):17.	ISSN: 2948-2348, Journal Link: <a href="https://biotechsustainablematerials.biomedcentral.com/">https://biotechsustainablematerials.biomedcentral.com/</a>
6.	November	Menezes A, <b>Goveas LC</b> , Vinayagam R, Selvaraj R, Harnessing carbon-based adsorbents for poly- and perfluorinated substance removal: A comprehensive review, <i>Journal of Water Process Engineering</i> , 69, 2024, 106621, <a href="https://doi.org/10.1016/j.jwpe.2024.106621">https://doi.org/10.1016/j.jwpe.2024.106621</a> .	Journal: <i>Journal of Water Process Engineering</i> , Q1, Scopus and Web of Science, H Index:89, Online ISSN: 2214-7144 CiteScore: 10.7 SNIP: , SJR: 1.28 , Impact Factor: 6.3 Journal Link: <a href="https://www.sciencedirect.com/journal/journal-of-water-process-engineering">https://www.sciencedirect.com/journal/journal-of-water-process-engineering</a>
7.	November	<b>Goveas, L.C.</b> , Darshini, S.M., Kausthubha, P. Padyana, S. Anvitha, Suvarna, A.R. Lewis S. P, <b>Vidya S. M</b> Probiotic <i>Lactobacillus plantarum</i> SVP2 fermented bioactive EPS-rich milk whey functional beverage. <i>J Food Sci Technol</i> (2024). <a href="https://doi.org/10.1007/s13197-024-06126-6">https://doi.org/10.1007/s13197-024-06126-6</a>	Journal: <i>Journal of Food Science and Technology</i> , Q1, Scopus H Index:105, <b>Electronic ISSN</b> 0975-8402, <b>Print ISSN</b> ,0022-1155, CiteScore: 7.7 SJR: 0.66 , Impact Factor: 2.6 <a href="https://link.springer.com/journal/13197">https://link.springer.com/journal/13197</a>
8.	November	Rao U K, <b>Goveas LC</b> , Arun A, Gokhale A. Biosorption of Pb (II) by extracellular polymeric substance of <i>Lysinibacillus</i> sp. SS1: optimization, kinetics, and isotherms. <i>Bioremediation Journal</i> . 2024 Nov 20:1-3.	Journal: <i>Bioremediation Journal</i> , Q2, Scopus H Index:41, CiteScore: 5.3 SJR: 0.47 , Impact Factor: 1.9 <a href="https://www.tandfonline.com/journals/bbrm20">https://www.tandfonline.com/journals/bbrm20</a>

9.	December	Nagendran V, <b>Goveas LC</b> , Vinayagam R, Varadavenkatesan T, Selvaraj R. Challenges and advances in nanocellulose-based adsorbents for dye removal: mechanisms and future directions. Discover Applied Sciences. 2024 Dec 18;7(1):14. <a href="https://doi.org/10.1007/s42452-024-06413-z">https://doi.org/10.1007/s42452-024-06413-z</a>	Journal: Discover Applied Sciences, Q1, Scopus, Impact Factor: NIL, H Index: 74, Cite Score: 7.0, SJR: NA, ISSN: 3004-9261 Journal Link: <a href="https://link.springer.com/journal/42452">https://link.springer.com/journal/42452</a>
10.	January	Rai,V, Granada DL, Skariyachan S, <b>P Ujwal</b> ;. <b>K Sandesh</b> In vitro and In silico investigation deciphering novel antifungal activity of endophyte <i>Bacillus velezensis</i> CBMB205 against Fusarium oxysporum. Scientific Reports. 2025 Jan 3;15(1):684.	Journal: Scientific Reports, Q1, Scopus, Impact Factor: 3.8, H Index: 315, Journal Link: <a href="https://www.nature.com/srep/">https://www.nature.com/srep/</a>
11.	January	Darshini Shivamogga Mohan, Murali Badanthadka, Anushri Umesh, Bharath Basavapattana Rudresh, Manjunatha Bukkambudhi Krishnaswamy, Rashmi Kanugodu Vasappa, Sahayog Narayan Jamdar, <b>Vidya Shimoga Muddappa</b> , Guar galactomannan ameliorates radiation-induced intestinal injury in mice. Bioactive Carbohydrates and Dietary Fibre, 33 (2025) 100466 <a href="https://doi.org/10.1016/j.bcdf.2024.100466">https://doi.org/10.1016/j.bcdf.2024.100466</a>	Journal: Bioactive Carbohydrates and Dietary Fibres, Q1, Scopus, Impact Factor: NIL, H Index: 40, Cite Score: 6.0, Journal Link: <a href="https://www.sciencedirect.com/journal/bioactive-carbohydrates-and-dietary-fibre">https://www.sciencedirect.com/journal/bioactive-carbohydrates-and-dietary-fibre</a>
12	January	Vinayagam R, Batra S, Murugesan G, <b>Goveas LC</b> , Varadavenkatesan T, Menezes A, Selvaraj R. Emerging Contaminant Removal Using Eco-Friendly Zinc Ferrite Nanoparticles: Sunlight-Driven Degradation of Tetracycline. Emerging Contaminants. 2025, Volume 2, Issue 1:100469. <a href="https://doi.org/10.1016/j.emcon.2025.100469">https://doi.org/10.1016/j.emcon.2025.100469</a>	Journal: Emerging Contaminants, Q1, Scopus, Impact Factor: 5.3, H Index: 36, Cite Score: 10.0, ISSN



			24056642, 24056650  Journal Link: <a href="https://www.sciencedirect.com/journal/emerging-contaminants">https://www.sciencedirect.com/journal/emerging-contaminants</a>
13	November	Joshi, K., Navalgund, L., & <b>Shet, V. B.</b> (2024). <b>Studies on Bio-denitrification of Wastewater Using Immobilized GAC in Draft Tube Spouted Bed Reactor.</b> Journal of Environmental Health and Sustainable Development, 9(4), 2470-2479. <a href="https://doi.org/10.18502/jehsd.v9i4.17394">https://doi.org/10.18502/jehsd.v9i4.17394</a>	<b>Quartile:03</b> <b>H-Index:10</b> <b>ISSN: 24766267, 24767433</b> <a href="https://jehsd.ssu.ac.ir/">https://jehsd.ssu.ac.ir/</a>
14.	February	Varadavenkatesan T, Nagendran V, Vinayagam R, <b>Goveas LC</b> , Selvaraj R. Green synthesis of silver nanoparticles using Lagerstroemia speciosa fruit extract: catalytic efficiency in dye degradation. Materials Technology. 2025 Dec 31;40(1):2463955. <a href="https://doi.org/10.1080/10667857.2025.2463955">https://doi.org/10.1080/10667857.2025.2463955</a>	Journal: Materials Technology, Q1, Scopus, Impact Factor: 2.9, H Index: 45, Cite Score: 10.0, <b>0.614 (2023) SNIP, 0.554 (2023) SJR,</b>  <b>ISSN: 10667857, 1753555</b>  Journal Link: <a href="https://www.tandfonline.com/journals/ymte20">https://www.tandfonline.com/journals/ymte20</a>
15.	February	Sheikh T, Nagendran V, Vasant S K, Mallya U, Mutalik S,Khan F, <b>Nayak S</b> , Sarvajith MS, Acacia auriculiformis mediated synthesis of silver nanoparticles for the sensitive and rapid electrochemical sensing of nitrite in water sample, Microchemical Journal, Volume 211, 2025, 113162, <a href="https://doi.org/10.1016/j.microc.2025.113162">https://doi.org/10.1016/j.microc.2025.113162</a> .	Journal: Microchemical Journal, Q1, Scopus and Web of Science, H Index:107, Online ISSN: 1095-9149, Linking ISSN: 0026-265X CiteScore: 8.7 SNIP: , SJR: 0.74 , Impact Factor:4.9

			Journal Link: <a href="https://www.sciencedirect.com/journal/microchemical-journ">https://www.sciencedirect.com/journal/microchemical-journ</a>
16	February	B. K. Manjunatha · V. K. Vamshee · N. G. Poojitha · R. J. Kiran · S. T. Mythili · R. Divakara · R. A. Sreenivasa · <b>S. M. Vidya</b> , Bioremediation of polycyclic aromatic hydrocarbons (acenaphthene, anthracene, fluoranthene, fluorene) by <i>Aspergillus niger</i> HQ170509.1 fungus, International Journal of Environmental Science and Technology <a href="https://doi.org/10.1007/s13762-025-06370-z">https://doi.org/10.1007/s13762-025-06370-z</a>	Journal: International Journal of Environmental Science and Technology, Q1, Scopus and Web of Science, H Index:101, <b>Electronic ISSN</b> 1735-2630 <b>Print ISSN</b> 1735-1472 CiteScore: 5.6 Impact Factor:2.80 Journal Link: <a href="https://www.sciencedirect.com/journal/microchemical-journ">https://www.sciencedirect.com/journal/microchemical-journ</a>
17	February	Pradeepa, Vasappa RK, Mohan DS, Krishnaswamy MB, <b>Anil Kumar HS, Venkatesh KH,,</b> Gamana G, <b>Vidya SM</b> . Ascorbic acid-Sodium Borohydride coupled supersensitive gold nanoparticles for water quality assurance. Nanotechnology for Environmental Engineering. 2025;10(1):12., <a href="https://doi.org/10.1007/s41204-025-00406-y">https://doi.org/10.1007/s41204-025-00406-y</a>	Journal: Nanotechnology for Environmental Engineering, Q2, Scopus and Web of Science, H Index:, <b>Electronic ISSN</b> 2365-6387, <b>Print ISSN:</b> 2365-6379, CiteScore: 6.5 Impact Factor:2.80 Journal Link: <a href="https://link.springer.com/journal/41204">https://link.springer.com/journal/41204</a>
18	February	Vinayagam R, Jogi S, Murugesan G, <b>Goveas LC</b> , Varadavenkatesan T, Samanth A, Selvaraj R, Mesoporous carbon from <i>Vateria indica</i> fruit for efficient 2,4-D herbicide removal: Mechanistic insights from double-layer statistical physics modelling and regeneration studies, Diamond and Related Materials, Vol 154, 2025, 112149, <a href="https://doi.org/10.1016/j.diamond.2025.112149">https://doi.org/10.1016/j.diamond.2025.112149</a>	Journal: Diamond and Related Materials Q1, Scopus, Impact Factor: 4.3, H Index: 126, Cite Score: 6.0, Journal Link: <a href="https://www.sciencedirect.com/jou">https://www.sciencedirect.com/jou</a>

			rnal/diamond-and-related-materials
19	April	Jathanna HM, Poojari M, Ravi KS, Venkatesh BN, Hanumanthappa H, Goriparti NS, Shanmugam BK. Augmented lipid biosynthesis in native fungus through dual-stage optimization of lignocellulosic biomass residue pretreatment and fermentation conditions. <i>Biomass Conversion and Biorefinery</i> . 2025 Apr 25:1-4.	Journal: <i>Biomass Conversion and Biorefinery</i> Q2, Scopus, Impact Factor: 3.5, H Index: 56, Journal Link: <a href="https://link.springer.com/journal/13399">https://link.springer.com/journal/13399</a>
20	April	<b>Nayak S, Goveas LC.</b> Adsorption of residual methyl green by extracellular polymeric substance of <i>Lysinibacillus</i> sp. SS1: A sustainable approach to wastewater treatment. <i>Biodegradation</i> . 2025 Jun;36(3):1-1.	Journal: <i>Biodegradation</i> Q2, Scopus, Impact Factor: 3.1, H Index: 95, Journal Link: <a href="https://link.springer.com/journal/10532">https://link.springer.com/journal/10532</a>
21	May	<b>Nayak, S., Hegde, R.B., Rao, A.S.</b> Poojary R Unlocking the potential of essential oils in aromatic plants: a guide to recovery, modern innovations, regulation and AI integration. <i>Planta</i> 262, 6 (2025). <a href="https://doi.org/10.1007/s00425-025-04724-y">https://doi.org/10.1007/s00425-025-04724-y</a>	Journal: <i>Planta</i> , Q1, Scopus H Index: 194, ISSN 00320935, 14322048 CiteScore: 6.9 Impact Factor: 3.6 <a href="https://scijournals.onlinelibrary.wiley.com/journal/10974660">https://scijournals.onlinelibrary.wiley.com/journal/10974660</a>
22	May	Girish T., Prasad S.V., Patil, N. I., Shetty, D., <b>Nayak, S.,</b> Advances in food azo dye detection through nanoparticle modified electrochemical sensors with a focus on sustainable nano-materials <i>Journal of Chemical Technology and Biotechnology</i> (2025). <a href="https://doi.org/10.1002/jctb.7887">https://doi.org/10.1002/jctb.7887</a>	Journal: <i>Journal of Chemical Technology and Biotechnology</i> , Q1, Scopus H Index: 142, ISSN 10974660, CiteScore: 7.0 Impact Factor: 3.174 <a href="https://scijournals.onlinelibrary.wiley.com/journal/10974660">https://scijournals.onlinelibrary.wiley.com/journal/10974660</a>

23	May	<b>Goveas, L.C.</b> , Khanapur, P., <b>Chetan, D.M.</b> Nannuri, K., <b>Shishir R.K.</b> , Murugesan, G., <b>Rao, R.N.</b> , Selvaraj, R., Vinayagam, R., <b>Vidya, S.M.</b> , Anti-biofilm and anti-cancer effects of biosurfactant from <i>Lactobacillus plantarum</i> SVP2 in fermented milk whey beverage. <i>J Food Sci Technol</i> (2025). <a href="https://doi.org/10.1007/s13197-025-06306-y">https://doi.org/10.1007/s13197-025-06306-y</a>	Journal: Journal of Food Science and Technology, Q1, Scopus H Index:105, Electronic ISSN, 0975-8402, Print ISSN,0022-1155, CiteScore: 7.7 SJR: 0.66, Impact Factor: 2.6 <a href="https://link.springer.com/journal/13197">https://link.springer.com/journal/13197</a>
24	May	<b>Goveas, L.C.</b> Artificial Sweeteners and the One Health crisis: Toxicity effects and Ecological consequences. <i>Discov Appl Sci</i> 7, 535 (2025). <a href="https://doi.org/10.1007/s42452-025-07107-w">https://doi.org/10.1007/s42452-025-07107-w</a>	Journal: Discover Applied Sciences, Q1, Scopus, Impact Factor: NIL, H Index: 74, Cite Score: 7.0, SJR: NA, ISSN: 3004-9261 Journal Link: <a href="https://link.springer.com/journal/42452">https://link.springer.com/journal/42452</a>
25	May	<b>Rao AS</b> , Shenoy R, Keshav LB, Malhotra K, <b>Nayak S</b> , Poojary R. Identification of prognostic factors contributing towards mortality in leptospirosis patients: a statistical and score-based model approach. <i>Discover Applied Sciences</i> . 2025 Jun;7(6):1-29. <a href="https://doi.org/10.1007/s42452-025-07167-y">https://doi.org/10.1007/s42452-025-07167-y</a>	Journal: Discover Applied Sciences, Q1, Scopus, Impact Factor: NIL, H Index: 74, Cite Score: 7.0, SJR: NA, ISSN: 3004-9261 Journal Link: <a href="https://link.springer.com/journal/42452">https://link.springer.com/journal/42452</a>
26	June	<b>Shet, V. B.</b> , <b>Kantakere, S.</b> , Eshwarachar, V. C., Rao, S. P., Mogaveera, P. S., Manjunatha, P., ... Mubarak, N. M. (2025). <i>Theobroma cacao</i> pod shells extract mediated production of FeO nanoparticles to explore nanoadsorbent, nanofertilizer and enzyme activator applications. <i>Nanotechnology for Environmental Engineering</i> , 10(3). <a href="https://doi.org/10.1007/s41204-025-00457-1">https://doi.org/10.1007/s41204-025-00457-1</a>	<b>Journal: Nanotechnology for Environmental Engineering, H Index: 37 Scopus Quartile : Q1 Print ISSN: 2365-6379</b> <b>Journal link:</b> <a href="https://link.springer.com/journal/4120">https://link.springer.com/journal/4120</a>

27	July	Hegde RB, Kudva V, <b>Nayak S</b> , Sampathila N, Thalengala A. Advanced techniques for seed quality assessment and germination monitoring. Discover Applied Sciences. 2025 Jul 1;7(7):690. <a href="https://doi.org/10.1007/s42452-025-07284-8">https://doi.org/10.1007/s42452-025-07284-8</a>	Journal: Discover Applied Sciences, Q1, Scopus, Impact Factor: NIL, H Index: 74, Cite Score: 7.0, SJR: NA, ISSN: 3004-9261 Journal Link: <a href="https://link.springer.com/journal/42452">https://link.springer.com/journal/42452</a>
28	July	<b>Goveas, L.C.</b> Interactions between polyaromatic hydrocarbons and microplastics: Environmental mechanisms and ecotoxicological impacts. <i>Environ Geochem Health</i> 47, 320 (2025). <a href="https://doi.org/10.1007/s10653-025-02636-0">https://doi.org/10.1007/s10653-025-02636-0</a>	Journal: Environmental Geochemistry and Health , Q1, Scopus, Impact Factor: 3.4, H Index: 99, Cite Score: 6.9, SJR: 0.871, <b>Print ISSN:</b> 0269-4042 Journal Link: <a href="https://link.springer.com/journal/10653">https://link.springer.com/journal/10653</a>
29	July	Joshi, K., Navalgund, L., Mubarak, N. M., & <b>Shet, V. B.</b> (2025). Insight mechanism of ANN model for denitrification in spouted bed bioreactor. <i>Nature</i> . <a href="https://doi.org/10.1038/s41598-025-11109-4">https://doi.org/10.1038/s41598-025-11109-4</a>	<b>Scopus Quartile : Q1</b> <b>E ISSN:</b> 2045-2322 <b>Journal link:</b> <a href="https://www.nature.com/srep/">https://www.nature.com/srep/</a>

SI No	Name	Book/Book Chapter Details	ISSN/ISBN Number
1	<b>Louella Concepta Goveas, SM Vidya,</b> Ramesh Vinayagam, Raja Selvaraj	Circular Bioeconomy Approaches for Valorizing Waste Streams into Bio-jet Fuel. In: Baskar, G., Ashokkumar, V., Rokhum, S.L., Moholkar, V.S. (eds) Circular Bioeconomy Perspectives in Sustainable Bioenergy Production. Energy, Environment, and Sustainability. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-97-2523-6_15">https://doi.org/10.1007/978-981-97-2523-6_15</a>	<ul style="list-style-type: none"> <li>• Print ISBN</li> <li>• 978-981-97-2522-9</li> <li>• Online ISBN</li> <li>• 978-981-97-2523-6</li> </ul>
2	<b>Vinayaka B Shet</b>	<b>Title:</b> Nanotechnology: Principles and applications <b>Publisher:</b> REST	<b>ISBN:</b> 978-81-978468-1-6
3	Nabisab Mujawar Mubarak, Saran Kumar & <b>Vinayaka B Shet</b>	Thematic Issue in Biomass Conversion and Refinery Journal Titled Novel and Innovative Technological Trends in Biomass Volarisation. Mubarak, N., Kumar, S. & Shet, V.B. Novel and innovative technological trends in biomass volarisation. <i>Biomass Conv. Bioref.</i> 15, 8135 (2025). <a href="https://doi.org/10.1007/s13399-025-06769-1">https://doi.org/10.1007/s13399-025-06769-1</a>	
4	<b>Sneha Nayak</b>	Kapilan N, Premnath K, Varshitha D, <b>Nayak S</b> , Sunil S. Laboratory Simulation Studies on Evaporative Fuel Loss from Storage Tanks. InBIO Web of Conferences 2025 (Vol. 172, p. 01004). EDP Sciences. <a href="https://doi.org/10.1051/bioconf/202517201004">https://doi.org/10.1051/bioconf/202517201004</a>	<a href="#">Volume 172 (2025)</a>
5	<b>Harshitha M Jathanna</b>	Jathanna HM, Prabhu P, Rai S, HK SP. Synthesis of Nanocellulose from Indigenous Sources and Application in Dye Removal. InBIO Web of Conferences 2025 (Vol. 172, p. 03004). EDP Sciences. <a href="https://doi.org/10.1051/bioconf/202517203004">https://doi.org/10.1051/bioconf/202517203004</a>	<a href="#">Volume 172 (2025)</a>
6	<b>Sneha Nayak</b>	Rao AS, BH KP, Poojary R, Shenoy R, Nayak S. Comprehensive Exploration of Acute Febrile Illnesses with Low Platelet Count Syndrome: From Epidemiology to AI-Driven Solutions. In2025 International Conference on Artificial Intelligence and Data Engineering (AIDE) 2025 Feb 6 (pp. 26-33). IEEE.	2025 International Conference on Artificial Intelligence and

			Data Engineering (AIDE) 202
7	<b>Louella Concepta Goveas</b>	Goveas LC, Selvaraj R, Vinayagam R. Overview on Occurrence of Arsenic on Human Health and Its Removal Through Microorganisms. In Arsenic Removal Technologies: From Challenges to Innovative Solutions 2025 Jul 23 (pp. 1-11). Cham: Springer Nature Switzerland.//doi.org/10.1007/978-3-031-91171-2_1	<ul style="list-style-type: none"> <li>• Print ISBN</li> <li>• 978-3-031-91170-5</li> <li>• Online ISBN</li> <li>• 978-3-031-91171-2</li> </ul>