

Faculty Patent CAY (2023-2024)									
S. No.	IPR Type	Year	Title of Patent / Copy-right	Applicants' Name	Patent / Copy-right Application No	Date of Filing	Status (Filed / Published / Pending)	Date of Publication / Grant	Session
1	Patent	2023	A Fusion Hydrogel Based Matrix in 3D cell culture	MIET and Eliza Chakraborty	Application No: 202331047407	14.07.2023	Published	21.07.2023	2023-2024
2	Patent	2023	In vitro fusion Biomatrix coated on Paper	MIET and Eliza Chakraborty	Application No: 202331047408	14.07.2023	Published	21.07.2024	2023-2024
Faculty Patent CAYm1 (2022-2023)									
S. No.	IPR Type	Year	Title of Patent / Copy-right	Applicants' Name	Patent / Copy-right Application No	Date of Filing	Status (Filed / Published / Pending)	Date of Publication / Grant	Session
1	Patent	2022	Anti-oxidant herbal formulation	1. MIET 2 . DV Surya Prakash 3 . Sandeep Sirohi 4 . Nitika Vats 5 . Avinash Singh 6 . Ashima Kathuria 7 . Shailendra Kumar	Application No: 202211045339	09.08.2022	Published	19.08.2022	2022-2023

2	Patent	2022	Electric plug with integrated switch	1 . MIET 2 . Shailendra Kumar 3 . Anushka Tyagi 4 . DV Surya Prakash 5 . Rohit Aggarwal	Application No: 202211060514	22.10.2022	Published	28.10.2022	2022-2023
Faculty Patent CAYm2 2021-2022									
S. No.	IPR Type	Year	Title of Patent / Copy-right	Applicants' Name	Patent / Copy-right Application No	Date of Filing	Status (Filed / Published / Pending)	Date of Publication / Grant	Session
1	Design Patent	2021	Design Patent	1. Dr. Avinash Singh 2. Dr. Sandeep Sirohi 3. ChandraBhan Seniya 4. Nitika Vats	Application No. 350169-001	26.09.2021	Pending	Granted	2021-2022

Faculty Patent CAYm3 (2020-2021)									
S. No.	IPR Type	Year	Title of Patent / Copy-right	Applicants' Name	Patent / Copy-right Application No	Date of Filing	Status (Filed / Published / Pending)	Date of Publication / Grant	Session
1	Patent	2021	A biomatrix obtained from Astragalus gummifer (Gond Katira) coating cell culture to sustain growth	MIET and Eliza Chakraborty	Application No: 202131017742	16.04.2021	Published		2020-2021
2	Patent	2020	Novel anti-cancer activity of purified Ethanolic composition of Rhododendron arboretum extracts.	1. MIET 2. D V Surya Prakash 3. Sandeep Sirohi 4. Mr. Shailendra Kumar	Application No: 202011051238	2020	Published	29.10.2021	2020-2021
3	Patent	2020	A potential Natural Biomatrix from Alovera gel for sustaining growth of Adherent.. Culture	MIET and Eliza Chakraborty	Application No: 202031040945	2020	Published		2020-2021
4	Patent	2020	A Biomatrix composition from.... to sustain growth in animal.. the same	MIET and Eliza Chakraborty	Application No: 202031040946	2020	Published		2020-2021
5	Patent	2020	A potential Natural Biomatrix Salvia hispanica for sustaining growth in cell Culturing	MIET and Eliza Chakraborty	Application No. 202031040947	2020	Published		2020-2021

Faculty Patent CAYm4 (2019-2020)									
S. No.	IPR Type	Year	Title of Patent / Copy-right	Applicants' Name	Patent / Copy-right Application No	Date of Filing	Status (Filed / Published / Pending)	Date of Publication / Grant	Session
Faculty Patent CAYm5 (2018-2019)									
S. No.	IPR Type	Year	Title of Patent / Copy-right	Applicants' Name	Patent / Copy-right Application No	Date of Filing	Status (Filed / Published / Pending)	Date of Publication / Grant	Session
1	Patent	2018	A Novel Isolation Method of Adipose derivedacid bile Salt.	MIET and Eliza Chakraborty	Application No. 201831001913	2018	Published	Granted	2018-2019
Faculty Patent CAYm6 (2017-2018)									
S. No.	IPR Type	Year	Title of Patent / Copy-right	Applicants' Name	Patent / Copy-right Application No	Date of Filing	Status (Filed / Published / Pending)	Date of Publication / Grant	Session
1	Patent	2017	A Novel Isolation Method of AdiposeWith Bile Salt	Eliza Chakraborty	Appllication No. 201731033943	2017	Published	Granted	2017-2018

Faculty Journal Publications CAY (2023-24)

S.No.	Title of Paper	Author's	Journal Name	Year	ISSN Number	Link to article	Indexing	Session	DOI
1	Effect of hydraulic retention time on biological nutrients removal in an anaerobic membrane bioreactor treating low-strength drain wastewater	Sachin Kumar Tomar, Susant Kumar Padhi, Pritam Kumar Dikshit, Suhila Yadav, Malini Balakrishnan	Bio resource Technology Reports	2023	2589-014X	https://www.sciencedirect.com/science/article/abs/pii/S2589014X23002700	Scopus	2023-2024	10.1016/j.biteb.2023.101599
2	Enhanced Bactericidal Efficacy of ZnO Nanoparticles in Conjugation with Different Antibiotics	D V Surya Prakash, Kuldeep Roy, Sandeep Sirohi	Bionanoscience	2023	NA	https://link.springer.com/article/10.1007/s12668-023-01156-4	SCI	2023-2024	10.1007/s12668-023-01156-4
3	Studies on Extraction of Flavonoids from the peel of Pisum sativum	Drishti Dhall, Ishika Gupta and Surya Prakash DV	International Journal of Biochemistry and Biomolecules	2023	In Press	In Press	Google index	2023-2024	
4	A Review on Melissa officinalis species	Simran Siddiqui, T. Mohammad Munawar, Sandeep sirohi and Surya Prakash D.V	International Journal of Plant Biotechnology	2023	2456-0162	In Press	Google index	2023-2024	

5	A Review on Bioplastics	Siddhant Gurjar, Vanshika Tyagi, Harshi Jain and Surya Prakash D.V	International Journal of Industrial Biotechnology and Biomaterials	2023	2455- 7323	https:// biotech.journa lspub.info/? journal=JIBB& page=article& op=view&path %5B%5D=843	Google index	2023- 2024	
6	A Review on Prebiotics and Probiotics	Mohd Asad Khan, Akhil Dhar, Vatsala Upadhyay, T. Mohammad Munawar and Surya Prakash D.V	International Journal of Plant Biotechnology	2023	2456- 0162	https:// biotech.journa lspub.info/? journal=IJPB& page=article& op=view&path %5B%5D=845	Google index	2023- 2024	

Faculty Journal Publications CAYm1 (2022-23)

S.No.	Title of Paper	Author's	Journal Name	Year	ISSN Number	Link to article	Indexing	Session	DOI
1	Tracking the COVID-19 vaccines: The global landscape	Tushar Yadava, Swatantra Kumar, Gourav Mishra, and Shailendra K. Saxena	Human Vaccines & Immunotherap eutics	2023	2164- 5515	https:// www.tandfonli ne.com/doi/ citedby/ 10.1080/2164	SCI	2022- 2023	10.1080/ 2164551 5.2023.2 191577

						5515.2023.219 1577? scroll=top&ne edAccess=true			
2	Batch growth studies of industrially important fungal strains	Nitin Verma, Vivek Kumar	Research Journal of Biotechnology	2023	2278-4535	https://doi.org/10.25303/1801rjbt43050	Scopus	2022-2023	10.25303/1801rjbt43050
3	Studies on Phytochemical analysis of Coriandrum sativum Leaves	Ansh Aggarwal and Surya Prakash DV	International Journal of plant Biotechnology	2023	2456-0162	https://biotech.journalspub.info/?journal=IJPB&page=article&op=view&path%5B%5D=793	Google index	2022-2023	
4	A Brief Review on Influenza A Virus (H3N2) and Its Effects in Human with Precautions	Manjari Agrawal, Ansh Aggarwal and Surya Prakash DV	Journal of Microbiology and Virology	2023	2230-9853	https://medicaljournals.stmjournals.in/index.php/RRJoMV/article/view/3218	Google index	2022-2023	
5	Review of Nanoparticle Synthesis from Coconut waste and their Applications	Ishika Gupta, Drishti Dhall and Surya Prakash DV	Nano Trends - A Journal of Nano Technology & Its Applications	2023	0973-418X	https://techjournals.stmjournals.in/index.php/NTs/article/view/1417	Google index	2022-2023	
6	Potential Role Of Hydrogel And Its Future Applications In Bioprinting	Adesh Nautiyal, Riya Tyagi,	International Journal of	2023	2456 - 4184	https://www.ijnrd.org	Google index	2022-2023	

	And In-Vitro Organ Development	Deepika Pal and Eliza Chakraborty	Novel Research and Development			/papers/IJNRD2305644.pdf			
7	Fabrication and Evaluation of Basil Essential Oil-Loaded Halloysite Nanotubes in Chitosan Nanocomposite Film and Its Application in Food Packaging	Narayan Chaudhary, Gourav Mishra, Tushar Yadav, Nishant Srivastava, Vimal K. Maurya and Shailendra K. Saxena	Antibiotics	2022	2079-6382	https://www.mdpi.com/2079-6382/11/12/1820	SCI	2022-2023	10.3390/antibiotics11121820
8	Elucidation of Antiviral and Antioxidant Potential of C-Phycocyanin against HIV-1 Infection through In Silico and In Vitro Approaches	Pratiksha Jadaun, Chandrabhan Seniya, Sudhir Kumar Pal, Sanjit Kumar, Pramod Kumar, Vijay Nema, Smita S Kulkarni and Anupam Mukherjee	Antioxidants	2022	2076-3921	https://www.mdpi.com/2076-3921/11/10/1942	SCI	2022-2023	10.3390/antiox11101942
9	Comparative Studies on the Potential of Lignocellulosics in Biosorption	Pandey Manjaree, Gupta Tamanna, Tyagi Vidhi and Verma Nitin	Research Journal of Chemistry and Environment	2022	2278-4535	https://worldresearchersassociations.com/Archives/RJCE/Vol(26)2022/September%202022/	Scopus	2022-2023	10.25303/2609rjce1410149

						Comparative %20Studies %20on%20the %20Potential %20of %20Lignocellul osics%20in %20Biosorptio n.aspx			
10	Optimizing aseptic and serum milieu for the isolation of human whole umbilical cord tissue-derived mesenchymal stem cells	Eliza Chakraborty , Shikha Chaudhary, Yogita Saragade, Suyash Sharma , Jeswin John , Namrata Tyagi and Kunal Mishra	Beni-Suef University Journal of Basic and Applied Science	2022	NA	https://doi.org/10.1186/s43088-022-00308-x	Scopus	2022-2023	10.1186/s43088-022-00308-x
11	Studies on Qualitative and Quantitative analysis of Phytochemicals from Spinacia oleracea leaves	Ansh Aggarwal, Manjari Agrawal, Sandeep Sirohi and Surya Prakash DV	Journal of Microbiology and Biotechnology	2022	NA	https://quadrantscientificpublishers.com/archive_detail/107-June-2023	Google index	2022-2023	
12	Studies on Extraction of Kaempferol Flavonoid from Bougainvillea spectabilis by using Liquid - Liquid Extraction	Ansh Aggarwal, Manjari Agrawal, Sandeep Sirohi and Surya Prakash DV	Industrial & Plant Biotechnology	2022	NA	https://quadrantscientificpublishers.com/archives_html/2	Google index	2022-2023	
Faculty Journal Publications CAYm2 (2021-22)									
S.No.	Title of Paper	Author's	Journal Name	Year	ISSN	Link to article /	Indexing	Session	DOI

					Number	paper / abstract of the article			
1	Microbial and lignocellulosic biomass based dye decolourization	Nitin Verma, Vivek Kumar and Kavindra Kumar Keshari	Biomass Conversion & Biorefinery	2022	NA	https://doi.org/10.1007/s13399-022-02537-7	SCI	2021-2022	10.1007/s13399-022-02537-7
2	Nature Bounce Back: Impacts of Novel Covid-19 Pandemic on Environmental Pollution and Biodiversity	Nitin Verma, Vivek Kumar	Research Journal of Biotechnology	2022	2278-4535	https://worldresearchersassociations.com/Archives/RJBT/Vol(17)2022/March%202022/Nature%20Bounce%20Back%20Impacts%20of%20Novel%20Covid-19%20Pandemic%20on.aspx	Scopus	2021-2022	10.25303/1703rjbt140160
3	Editorial: Advancement in Cancer Stem Cell Biology and Precision Medicine	Nikhil Baban Ghate, Vicky Yamamoto and Eliza Chakraborty	Frontiers in Cell and Developmental Biology	2022	2296-634X	https://doi.org/10.3389/fcell.2022.890	SCI	2021-2022	10.3389/fcell.2022.890129

						129			
4	Studies on Cytotoxic and Genotoxic Potential of Ethanolic extract of Lawsonia inermis leaves	Mohammad Munawar T, Chinta Koteswara Rao, Andanamala Vijay Rajesh, Udit Narayan Sharma, Istuti Gupta, Surya Prakash DV	International Journal of Health Science	2022	NA	https://sciencescholar.us/journal/index.php/ijhs/article/view/5842	Scopus	2021-2022	10.53730 / ijhs.v6nS 1.5842
5	Studies On Optimization Of Parameters For Extraction Of Total Phenolic Content From Terminalia Arjuna	Kunal Kapoor, Deepika Pal, Vijay Rajesh Andanamala, Sandeep Sirohi and Surya Prakash D.V.	Journal of Pharmaceutica I Negative Results	2022	NA	https://www.pnrjournal.com/index.php/home/article/view/8989/12308	Scopus	2021-2022	10.47750 / pnr.2022. 13.S10.2 61
6	Green synthesis of Silver Nanoparticles and Characterization of Caffeic acid from Myristica fragrans (Nutmeg) against Antibacterial activity	Chandana Thummaneni. D.V.Surya Prakash, Ramya Golli and Meena V	Materials Today Proceedings (Elsiever)	2022	NA	https://doi.org/10.1016/j.matpr.2022.04.586	Scopus	2021-2022	10.1016/ j.matpr.2 022.04.5 86
7	Studies on Qualitative and Quantitative analysis of Phytochemicals from Petals and Leaves of Tagetes erecta	Archit Mohan Shukla, Ritika, Mohammad Munawar T and Surya Prakash DV	International Journal of Journal of Plant Biotechnology,	2022	2456-0162	https://biotech.journalspub.info/?journal=IJPB&page=article&op=view&path%5B%5D=737	Google index	2021-2022	
8	Studies on Characterization and optimization parameters of zinc	Sirohi Sandeep, Chinta Koteswara	International Journal of	2022	2231-2196	https://ijcrr.com/	Scopus	2021-2022	10.31782 /

	oxide nanoparticles synthesis	rao, Andanamala Vijay Rajesh, Talapudi Sruthi, DV Surya Prakash	Current Research and Review			uploads/ 4333_pdf.pdf			IJCRR.202 2.14302
9	Studies on Phytochemical Analysis of Areca Palm Leaves	Vatsala Upadhyay, Akhil Dhar, Asad Khan, Surya Prakash D.V.	International Journal of Chemical Separation Technology,	2022	2456- 6691	https:// chemical.journ alspub.info/ index.php? journal=JCCST &page=article &op=view&pat h%5B %5D=1262	Google index	2021- 2022	
10	Studies on Extraction of Flavonoids from Peel of Zingiber officinale	Archit Mohan Shukla, Akshat Agarwal, Amarjeet Redhu and Surya Prakash DV	Research & Reviews: A Journal of Pharmacology,	2022	2230- 9861	https:// pharmajournal s.stmjournals.i n/index.php/ RRJoP/ article/view/ 1172	Google index	2021- 2022	
11	A Short Review on Breast Fibroadenomas	Istuti Gupta, Sandeep Sirohi, Mohammad Munawar T and Surya Prakash D.V	Research & Reviews: A Journal of Oncology and Hematology	2022	2319- 3387	https:// medicaljournal s.stmjournals.i n/index.php/ RRJoOH/ article/view/ 2873	Google index	2021- 2022	
12	Studies on Extraction and Purification of Rutin from Ethanolic Extract of Manilkara zapota leaves	Niti Choudhary , Dukx Tyagi , Ashutosh Vasisth	International Journal Of Plant	2022	2456- 0162	https:// biotech.journ alspub.info/?	Google index	2021- 2022	

		and Surya Prakash D.V.	Biotechnology			journal=IJPB&page=article&op=view&path%5B%5D=781			
13	Studies on Extraction and Purification of Total Phenolic Content from Methanolic Extract of Syzygium cumini seeds	Dukx Tyagi, Niti Choudhary, Divya Prakash Ojha and Surya Prakash D.V	Research & Reviews: A Journal of Pharmacology,	2022	2230-9861	https://pharmajournals.stmjournals.in/index.php/RRJoP/article/view/1197	Google index	2021-2022	
14	Studies on TPC and TTC Analysis from Syzygium Cumini Seeds through Extraction and Fermentation	Chanda, Niti Chaudhary, Dukx Tyagi, Surya Prakash DV.	International Journal of Industrial Biotechnology and Biomaterials	2022	2455-7323	https://biotech.journalspub.info/?journal=JIBB&page=article&op=view&path%5B%5D=801	Google index	2021-2022	
15	A Review on Gallic Acid	Ansh Aggarwal, Saumya Singh, Anjali Tanwar, Roshni Bharti, Surya Prakash DV.	International Journal of Biochemistry and Biomolecules,	2022	2455-7323	https://biotech.journalspub.info/?journal=IJBB&page=index	Google index	2021-2022	
16	Studies on Extraction of Total Phenolic Content from Seeds of Phyllanthus Emblica	Ritika and Surya Prakash DV	International Journal of Biochemistry and Biomolecules,	2022	NA	https://biotech.journalspub.info/?journal=IJBB&page=article&op=view&path%5B%5D=784	Google index	2021-2022	

17	Studies on Extraction of Total Tannin Content from Seeds of <i>Momordica charantia</i>	Akshita Sharma and Surya Prakash DV.	International Journal of Industrial Biotechnology and Biomaterials	2022	2455-7323	https://biotech.journalspub.info/?journal=JIBB&page=article&op=view&path%5B%5D=820	Google index	2021-2022	
18	In Vitro Anti-Inflammatory and Anti-Arthritic Activity of Ethanolic Extract of <i>Hibiscusrosa sinensis</i>	Talapudi Sruthi, Chinta Koteswara Rao, R.A. Zerubabel Michael, S.Monica Nissy and D.V. Surya Prakash	Rasayan Journal of Chemistry (Elsiever-Scopus)	2021	0974-1496	https://rasayanjournal.co.in/admin/php/upload/3329_pdf.pdf	SCOPUS	2021-2022	
19	Enhancement of Gallic acid from leaves of <i>Melissa officinalis</i> by <i>Bacillus substilis</i> through submerged fermentation	Sonali Aggarwal and Surya Prakash DV	International Journal of Pharma and Bio sciences Elsiever (Embase),	2021	0975-8232	https://www.ijpbs.net/abstract.php?article=NzAxMw==	Elsiever Embase	2021-2022	10.22376 / ijpbs.2021.12.3.B94-98
20	Point mutation of COVID-19 proteins: A study on noval corona virus (nCoV) correlation with MERS and H1N1 viruses and in silico investigation of nCoV proteins for future applications	Kaushik Akansha, Kasana Swati, Verma Priyanka and Anuj Kumar Singh	Journal of Cellular Biotechnology	2021	2352-3697	https://content.iospress.com/articles/journal-of-cellular-biotechnology/jcb210037	Scopus	2021-2022	10.3233/JCB-210037
21	Microbial conversion of waste biomass into bioethanol: current challenges and future prospects	Nitin Verma, Vivek Kumar	Biomass Conversion & Biorefinery(Spr	2021	NA	https://doi.org/10.1007/	SCIE	2021-2022	10.1007/s13399-021-

			inger)			s13399-021-01824-z			01824-z
22	Effect of Nitrogen Source and Surfactants on cellulose production by Fungal Strain under submerged cultivation	Nitin Verma, Kumar V	Res J Biotech	2021	NA	https://doi.org/10.25303/169rjbt2029;	Scopus	2021-2022	10.25303/169rjbt2029
23	Quantitative Structure-Activity Relationship and Molecular Modeling Studies on a series of hydroxypyrrolo[2,1-c][1,4]benzodiazepine-5,11-dione acting as Angiotensin Converting Enzyme I inhibitors.	Ayesha Sanober and Neeraj Agarwal	Der Pharma Chemica	2021	NA	https://www.derpharmachemica.com/pharmachemica/quantitative-structureactivity-relationship-and-molecular-modeling-studies-on-a-series-of-hydroxypyrrolo21c14benzodiazep.pdf	Google Indexed	2021-2022	
24	Quantitative Structure-Activity Relationship and Molecular Modeling Studies on a series of chiral tetrahydro naphthalene-fused spirooxindoles CDK4 inhibitor against Glyoblastoma	Anjali Sharma and Neeraj Agarwal	Der Pharma Chemica	2021	NA	https://www.derpharmachemica.com/abstract/quantitative-structureactivity-relationship-	Google Indexed	2021-22	

						and-molecular-modeling-studies-on-a-series-of-chiral-tetrahydronaphthalenefu-69831.html			
25	Quantitative Structure-Activity Relationship and Molecular Modeling Studies on a series of constrained (L)-S-adenosyl-L-homocysteine (SAH) analogues acting as DNA methyltransferase inhibitors	Arshita Jindal Anjali Sharma and Neeraj agrwal	Der Pharma Chemica	2021	NA	https://www.semanticscholar.org/paper/Quantitative-Structure-Activity-Relationship-and-on-Jindal-Sharma/e1e2862ec99ee6a43904cab66a77a12796f2e1df	Google Indexed	2021-22	
Faculty Journal Publications CAYm3 (2020-21)									
S.No.	Title of Paper	Author's	Journal Name	Year	ISSN Number	Link to article / paper / abstract of the article	Indexing	Session	DOI

1	Well dispersed CeO ₂ @HNTs nanofiller in the poly (vinyl chloride) membrane matrix and enhanced its antifouling properties and rejection performance	Gourav Mishra, Mausumi Mukhopadhyay	Journal of Environmental Chemical Engineering	2021	2213-2929	https://doi.org/10.1016/j.jece.2020.104734	SCIE	2020-2021	10.1016/j.jece.2020.104734
2	Cellulase Production and Characterization from <i>Thermomucor indicae-seudaticae</i> .	Ashima Kathuria & Swati Allen	Research Journal of Biotechnology	2021		10.25303/1611rjbt6977	Scopus	2020-2021	10.25303/1611rjbt6977
3	Comparative CpG Methylation kinetic patterns of cis-regulatory regions of heat stress-related genes in Sahiwal and Frieswal cattle upon persistent heat stress.	Nitika Verma, Rafeeqe Rahman, Umesh Singh, Rani Alex, Shazia Hussain and Ashima Kathuria	International Journal of Biometeorology	2021	1432-1254	https://doi.org/10.1007/s00484-021-02084-2	SCI	2020-2021	10.1007/s00484-021-02084-2
4	<i>Cynodon dactylon</i> [Indian Doab]: Benevolence of Panchkarma- A Review	Sandeep Sirohi , Bhavya, Yadav Priyal	International Journal of All Research Education and Scientific Methods	2021	2455-6211	https://www.ijaresm.com/uploaded_files/document_file/Sandeep_Sirohi,_Bhavya,_Priyal_YadavT9I6.pdf	UCG Approved	2020-2021	
5	Convalescent plasma therapy: A promising solution for SARS-CoV-2 outbreak	Anuj Kumar Singh, Animesh Chaterjee, Sandeep Sirohi, Nitin Sharma, Ashima	Journal of Cellular Biotechnology	2021	2352-3697	https://content.iospress.com/articles/journal-of-	SCOPUS	2020-2021	10.3233/JCB-200024

		Kathuria				cellular-biotechnology/jcb200024#:~:text=Convalescent%20plasma%20therapy%20has%20been,therapy%20can%20be%20effectively%20used.			
6	Studies on Evaluation and Production of Cardyceps Militarish Potency: In vivo on Drosophila Melanogaster	Adarsh Singh, Raghav Singh, Sandeep Sirohi	International Journal of Molecular Biotechnology	2021		https://biotech.journalspub.info/?journal=IJMB&page=article&op=view&path%5B%5D=660	UGC Approved	2020-2021	
7	A Review on Psidium guajava	Aman Verma, Tanishka Chauhan, Amarjeet Redhu and Surya Prakash D.V.	Research & Reviews: A Journal of Crop Science and Technology	2021	2319-3395	https://sciencejournals.stmjournals.in/index.php/RRJoCST/article/view/3184	Google Index	2020-2021	
8	A Review on Citrullus lanatus	Tanishka Chauhan, Anshu Mall, Amarjeet Redhu and Surya Prakash	Research & Reviews: Journal of Herbal Science	2021	2278-2206	https://sciencejournals.stmjournals.in/index.php/	UGC (63750) Google index	2020-2021	

		D.V.				RRJoAST/ article/view/ 3229			
9	Extraction and Purification of Total Phenolic Compounds from Seeds of Citrullus lanatus	Amarjeet Redhu, Tanishka Chauhan, Anshu Mall, Aman Verma, Surya Prakash D.V	International Journal of Chemical Separation Technology,	2021	2349- 4786	https:// engineeringjou rnals.stmjourn als.in/ index.php/ ETCE/article/ view/5852	Google index	2020- 2021	
10	A Review on Ocimum sanctum (Tulsi) and its medicinal properties	Istuti Gupta, Himani Chaudhary and Surya Prakash D.V	Research & Reviews: Journal of Herbal Science,	2021	2278- 2257	https:// sciencejournal s.stmjournals.i n/index.php/ RRJoHS/ article/view/ 3126	UGC (63750) Google index	2020- 2021	
11	Review on Biological Properties of Cymbopogon citratus	Ankit Singh, Megha Singh, Yugal Gupta, Surya Prakash DV	Research & Reviews: Journal of Botany	2021	2278- 2222	https:// sciencejournal s.stmjournals.i n/index.php/ RRJoB/ article/view/ 3117	UGC (48804) google index	2020- 2021	
12	Recombinant vaccines for COVID-19	Tushar Yadava, Nishant Srivastava, Gourav Mishra, Kuldeep Dhama, Swatantra Kumar, Bipin Puri,	Human vaccines & immunotherap eutics	2020	NA	https:// doi.org/ 10.1080/2164 5515.2020.182 0808	SCI	2020- 2021	10.1080/ 2164551 5.2020.1 820808

		Shailendra K Saxena							
13	Sphagnum: a promising indoor air purifier	Sandeep Sirohi, Shailendra Kumar, Chitra Yadav, Debjyoti Banerjee, Pranjali Yadav	Journal of Environmental Engineering and Science, Thomas Telford	2020	1496-2551	https://www.icevirtuallibrary.com/doi/abs/10.1680/jenes.19.00051	SCI	2020-2021	10.1680/jenes.19.00051
14	Synthesis of zinc oxide nanoparticles and its conjugation with antibiotic: Antibacterial and morphological characterization	Pankaj Kumar Tyagi, Deepak Gola, Shruti Tyagi, Ankit Kumar Mishra, Arvind Kumar, Nitin Chauhan, Anami Ahuja, Sandeep Sirohi	Environmental Nanotechnology, Monitoring & Management	2020	2215-1532	https://doi.org/10.1016/j.enmm.2020.100391	SCI	2020-2021	10.1016/j.enmm.2020.100391
15	A Review on Cucumis melo	Amit Tripathi, Shalinee Mishra, Anjali Suarabh, Surya Prakash DV.	Research & Reviews: Journal of Crop Science and Technology	2020	2319-3395	https://sciencejournal.sstmjournals.in/index.php/RRJoCST/article/view/2821	Google index	2020-2021	
16	Studies on Extraction of Bioflavonoids from seeds of Cucumis melo	Amit Tripathi, Shalinee Mishra, Anjali Suarabh . Surya Prakash DV	Journal of Modern Chemistry & Chemical Technology,	2020	2229-6999	https://sciencejournal.sstmjournals.in/index.php/JoMCCT/	UGC (48757) Google index	2020-2021	

						article/view/ 2890			
17	A Review on Seeds of Carica papaya	Priyanka Bhat, Ankit Rawat, Anurag Agarwal, Surya Prakash DV	Research & Reviews: Journal of Botany	2020	2278- 2222	https:// sciencejournal s.stmjournals.i n/index.php/ RRJoB/ article/view/ 2814	UGC (48804) google index	2020- 2021	
18	Studies on Extraction and Purification of Total Phenolic Content from Seeds of Carica papaya	Anurag Agarwal, Ankit Rawat, Priyanka Bhat and Surya Prakash DV	. International Journal of Industrial Biotechnology and Biomaterials	2020	2455- 7323	https:// biotech.journa lspub.info/? journal=JIBB& page=article& op=view&path %5B%5D=584	Google index	2020- 2021	
19	A Review on Catharanthus roseus specie	Prakhar Choudhary, Anand Kumar Nelapati and Surya Prakash DV	International Journal of Plant Biotechnology	2020	2456- 0162	https:// biotech.journa lspub.info/? journal=IJPB& page=article& op=view&path %5B%5D=583	Google index	2020- 2021	
20	A Review on Vetiveriazizanioides species.	Shreya Singh Chauhan, Sunanda Tyagi, Surya Prakash DV	Research and Reviews: Journal of Herbal science	2020	2348- 9553	https:// sciencejournal s.stmjournals.i n/index.php/ RRJoHS/ article/view/ 2870	UGC (63750) Google index	2020- 2021	

21	Extraction of Phytochemicals from leaves of Hibiscus rosa sinensis	Kunal Kapoor, Zaiba Firoz and Surya Prakash DV	. Research and Reviews: Journal of Biotechnology	2020	2231-3826	https://techjournals.stmjournals.in/index.php/RRJoBT/article/view/1003	Google index	2020-2021	
22	A Review on Nanoparticle and its Applications.	Shivangi Pandey, Abhishek Tripathi, BalatejeswararaoV and Surya Prakash DV	Nano Trends : A Journals of Nanotechnology and Its Application,	2020	0973-418X	https://techjournals.stmjournals.in/index.php/NTs/article/view/1024	UGC (47084) Google index	2020-2021	
23	Extraction of Bioflavonoid from Peel of Citrus sinensis	Vidhi Tyagi, Tamanna Gupta, Manjaree Pandey, Aviral Tyagi and Surya Prakash DV	International Journal of Chemical Separation Technology	2020	2456-6691	https://chemical.journalspub.info/index.php?journal=JCCST&page=article&op=view&path%5B%5D=1069	Google index	2020-2021	
24	Phenolic Compound Extraction from Leaves of Nyctanthes arbor-tristis	Manjaree Pandey, Vidhi Tyagi, Tamanna Gupta and Surya Prakash DV	Journal of Modern Chemistry and Chemical Technology	2020	2321-5208	https://sciencejournal.stmjournals.in/index.php/JoMCCT/article/view/3050	UGC (48757) Google index	2020-2021	
25	A Review of History and Origin of	Astha Yadav, Nida	Research &	2020	2349-	https://	UGC	2020-	

	Corona Virus Infection	Jameel, Surya Prakash D.V	Reviews: A Journal of Microbiology & Virology		4360	medicaljournal s.stmjournals.i n/index.php/ RRJoMV/ article/view/ 2146	(63742) Google index	2021	
26	A Review on Manihot esculenta species,	Lavi Jain, Kaustubh Tripathi and Surya Prakash DV	Research & Reviews: Journal of Botany	2020	2278 - 2222	https:// sciencejournal s.stmjournals.i n/index.php/ RRJoB/ article/view/ 3108	UGC (48804) google index	2020- 2021	
27	Extraction and Removal of Nickel from battery waste using nano sized activated carbon of egg shells powder in a column.	Sasikala, Koteswar rao, Anand Kumar, Sruthi, Surya Prakash DV and Meena V.	Elsiever : Materials Today,	2020	2214- 7853	https:// www.sciencedi rect.com/ science/ article/abs/ pii/ S22147853204 01105	SCOPUS	2020- 2021	10.1016/ j.matpr.2 020.12.3 93

Faculty Journal Publications CAYm4 (2019-20)

S.No.	Title of Paper	Author's	Journal Name	Year	ISSN Number	Link to article / paper / abstract of the article	Is it listed in UGC Care list	Session	DOI
1	Effect of heat stress on superoxide anion production in native and crossbred cattle under in vitro whole blood culture model.	Nitika Verma, Rafeeque Alyethodi, Ashima Kathuria, Rani Alex,	Journal of Thermal Biology	2020	0306- 4565	https:// doi.org/ 10.1016/ j.jtherbio.2019	SCI	2019- 2020	10.1016/ j.jtherbio. 2019.102 457

		B Prakash				.102457			
2	Anti Cataract activity of Synthesized Silver Nano Particles from Skin of Alklium cepa Species	Sruti T, Koteshwara rao, DV Surya Prakash, N Anand Kumar, S Monica Nissy, V Sasikala, Meena Vangalapati.	Journal of Physics: Conference Series	2020	NA	https://iopscience.iop.org/article/10.1088/1742-6596/1455/1/012017#:~:text=From%20the%20observations%2C%20Anti%20cataract,a%20analyzed%20using%20SEM%20and%20XRD.	Scopus	2019-2020	10.1088/1742-6596/1455/1/012017
3	Enhanced catalyst performance copper doped ZnO nanoparticles for removal of dicofol,	Singarapu Sai Santosh, K Mani Divya, N Sasikala, D V Surya Prakash, Meena Vangalapati.	Materials Today Proceedings (Elsevier),	2020	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320311172?via%3Dihub	SCOPUS	2019-2020	10.1016/j.matpr.2020.02.362
4	Optimization of Extraction conditions of Kaempferol from Citrus medica leaves using Response surface methodology	Anand Kumar Nelapati, Chinta Koteswar Rao, Zerubabel Michael, Surya Prakash DV	International Journal of Interdisciplinary and Global Studies	2020	2324-755X	https://cgscholar.com/bookstore/works/the-international-	SCOPUS	2019-2020	10.18848/2324-755X/CGP/v14i04

			(Scopus),			journal-of-interdisciplinary-global-studies-volume-14-issue-4?category_id=cgrn&path=cgrn%2F222%2F273			
5	Synthesis and Synergistic Effects of Ciprofloxacin Conjugated Zinc Oxide Nanoparticles	Sandeep Sirohi, Pankaj Kumar Tyagi	Journal of Nanoscience Nanoengineering and Applications	2019	2231-1777	https://techjournals.stmjournals.in/index.php/JoNSNEA/article/view/261	UGC Approved	2019-2020	
6	Studies on Extraction, Modelling and Purification of Rutin from Peel of Allium cepa	Anand Kumar Nelapati and Surya Prakash DV.	Journal of Global Trends in Pharmaceutical Sciences (Elsevier)	2019	2230-7346	https://www.jgtps.com/admin/uploads/XSOKMB.pdf	Google index	2019-2020	
7	Extraction and Purification of Tannins from leaves of Azadirichta indica	Sonali Aggarwal, Gaurav Banshal and Surya Prakash DV	International Journal of Chemical Separation Technology,	2019	2456 - 6691	https://chemical.journalspub.info/index.php?journal=JCCST&page=article&op=view&pat	Google index	2019-2020	

						h%5B%5D=871			
8	Extraction and Purification of Kaempferol from leaves of Azadirachta indica	Snehil jaiswal, Sumiran Chauhan and Surya Prakash DV	International Journal of Chemical Separation Technology	2019	2456-6691	https://chemical.journalspub.info/index.php?journal=JCCST&page=article&op=view&path%5B%5D=867	Google index	2019-2020	
9	Review on Pharmacological activities of Azadirachta indica.	Snehil jaiswal, Sumiran Chauhan, Gaurav Bansal, Sonali Agarwal and D V Surya Prakash.	International Journal of Pharmaceutica I Research and Development	2019	2664-6862	NA	Google index	2019-2020	
10	Evaluation of Anticancer activity of polyherbal extract of Terminalia chebula, Phyllanthus emblica and Dimocarpus longan on Caco-2 Colorectal Cancer Cell lines	Surya Prakash DV, Meena Vangalapati and Mohammad Munawar T	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A3942119119.pdf	Scopus	2019-2020	
11	Monod Kinetics and Modelling Equations of Quercetin Extraction from leaves of Indian Gooseberry	D V Surya Prakash, Anand Kumar Nelapati and Mohammad Munawar T	International Journal of Engineering and Advanced Technology	2019	2249-8958	https://www.ijeat.org/wp-content/uploads/papers/v9i2/B3149129219.pdf	Scopus	2019-2020	
12	Design of Experiments Based Factorial Design and Usability of	Pingali Manasa, V. Sasikala, S. Monica	AIP Conference	2019	NA	https://pubs.aip.org/	Scopus	2019-2020	10.1063/1.514142

	Response Surface Methodology for Saponin Extraction from Tribulus Terristris	Nissy, D V Surya Prakash and V Meena.	Proceedings - Scopus			aip/acp/article-abstract/2201/1/020004/1024724/Design-of-experiments-based-factorial-design-and?redirectedFrom=fulltext			8
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Faculty Conference Publications CAYm1 (2022-2023)								
S.No.	Faculty Name	Title of Paper	Name of the Conference	National / International	Year	ISBN	Name of the Publisher	Session
1	Vanshita Agarwal, Ashima Kathuria	Biochemical Characterization of Thermophilic Pectinase from <i>Aspergillus niger</i>	6th International Conference (SCALFE - 2023)	International	2023	978-93-9187-31-1	Learning Media Publications, Meerut	2022-2023
2	Ashima Kathuria	Microbial Enzyme Production by Waste to Wealth Strategy: A Sustainable Approach	6h International Conference (SCALFE - 2023)	International	2023	978-93-9187-31-1	Learning Media Publications, Meerut	2022-2023
3	Kapil Kumar, Umang Sharma,	Natural tannin biodegradation by	International Conference on Recent Trends in Biotechnology and Applied Bioinformatics (ICRTBAB)	International	2023	978-93-92787-53-9	Selective & Scientific Books Publishers, New Delhi	2022-2023

	Srishti Kapoor and Ashima Kathuria	Aspergillus flavus for tannase production						
4	Eliza Chakraborty	The role of biomarkers, stem cell and stemformatics in modern translation medicine	108th Indian Science Congress	International	2023	IL- 19		2022-2023
5	Ansh Aggarwal, Manjari Agrawal, Surya Prakash DV	Studies on Extraction of Total Flavonoid Content from Seeds of Citrullus lanatus - Participated Oral Presentation	8th National Conference on Science & Technology for Nation Development: Opportunities & Global Challenges	National	2023	978-93-83861-78-1		2022-2023
6	Ansh Aggarwal, Manjari Agrawal, Kapil Kumar, Surya Prakash DV	Studies on Extraction of Flavonoids from Leaves of Artocarpus heterophyllus - Participated	International Conference Recent Developments in Engineering, Science & Management (RDESM-23)	International	2023	978-81-96188-90-0		2022-2023

		Oral Presentation						
7	Raxit Tyagi, Pratham Sharma, Shishir Tyagi, Surya Prakash DV	Optimization of Physico-Chemical Parameters for Extraction of Rutin from Seed of Carica papaya	International Conference on Recent Trends in Biotechnology and Applied Bioinformatics (ICRTBAB)	International	2023		Selective & Scientific Books Publishers, New Delhi	2022-2023
8	Vanshita Agarwal, Ashima Kathuria	Optimization of Culture Conditions for Pectinase Production from Aspergillus niger	National Conference on Environmental and Industrial Biotechnology (NCEIB-2022)	National	2022	not available	P.K. Enterprises, Kanpur	2022-2023
9	Deepika Pal, Eliza Chakraborty and Jaydip Parmar	Inhibition of vitro Rhipicephalus microplus infection by Exploiting Mahua longifolia Extracts	1st Three days international conference on "Challenges & opportunities in food, pharma & biotechnology	International	2022	Awaited		2022-2023
10	Vatsala Upadhyay,	A Comprehensi	3rd National conference on "Healthcare Industry &	National	2022	Abstract published only		2022-2023

	Akhil Dhar, Mohammad Asad Khan, Surya Prakash DV	ve Review on Nutraceuticals - Participated Oral Presentation	Academia Summit: 2022 & Beyond” (NCHIAS),			AU/SOMS/NCH IAS/PP1		
11	Istuti Gupta, Archit Mohan Shukla, Dr.DV Surya Prakash	Studies on Extraction and Purification of Total Phenolic Content from Leaves of Ocimum tenuiflorum (Tulsi)	BioSangam 2022 An International Conference Emerging Trends in Biotechnology at Motilal Nehru National Institute of Technology Allahabad.	International	2022	Abstract published		2022- 2023
12	Dr.DV Surya Prakash	Studies on Extraction of Flavonoids from Seeds of Carica Papaya	4th International Conference on “Challenges in Chemical and Biochemical Engineering for Sustainable Development (CBSD)” on 22nd March, 2022 at Annamalai University, Tamilnadu.	International	2022	978-81- 951299-3-5		2022- 2023

13	Eliza Chakraborty and Deepika Pal	Stem Cell and Modern Translational Medicine	Xth International Conference of Indian Academy of Biomedical Sciences (IABSCON-2022)	International	2022	Abstract published		2022-2023
14	Narayan Chaudhary, Gourav Mishra	Preparation and characterization of clay mineral based polymeric film for food packaging applications	1st Three days international conference on "Challenges & opportunities in food, pharma & biotechnology	International	2022	Awaited		2022-2023
Faculty Conference Publications CAYm2 (2021-2022)								
S.No.	Faculty Name	Title of Paper	Name of the Conference	National / International	Year	ISBN	Name of the Publisher	Session
1	Narayan Chaudhary, Gourav Mishra	Investigation of biodegradable halloysite nanoclay based polymeric	International Conference on Advances in Sustainable Research for Energy and Environmental Management (ASREEM-2021), Surat Gujarat.	International	2021	Awaited		2021-2022

		film as an active food packaging material						
2	Dr DV Surya Prakash	Participated only (Except presentation)	3-Days International Conference On The Theme “ The Global Economic Outlook During Covid -19 Pandemic - A Changed World” 2021	International	2021	NIL		2021-2022
3	Dr. Ashima Kathuria	Bioconversion of Agrowastes for Industrially-Important Hydrolases Production.	International Conference (Online) on COVID Challenge of Energy and Environment Management for Sustainable Growth of Process Industries (CCEEMSGPI-2021)	International	2021	Conf. Proceedings in soft copy	Not available	2021-2022
4	Dr. Ashima Kathuria	Isolation and Production of Natural Tannin Degrading Fungal Strains.	International Conference (Online) on COVID Challenge of Energy and Environment Management for Sustainable Growth of Process Industries (CCEEMSGPI-2021)	International	2021		Not available	2021-2022

5	Dr. Ashima Kathuria	Utilization of Tannin-rich Agricultural Wastes for Industrial Applications.	International Conference on ' Global Approaches in Natural Resource Management for Climate Smart Agriculture during Pandemic Era of Covid-19'	International	2021	ISBN: 978-81-948799-6-1	Learning Media Publications, Meerut	2021-2022
Faculty Conference Publications CAYm3 (2020-2021)								
S.No.	Faculty Name	Title of Paper	Name of the Conference	National / International	Year	ISBN	Name of the Publisher	Session
1	Dr. Ashima Kathuria And Ishu Tyagi	Bioproducts from Biowaste : A Need for Helping Environment and Economy.	International Conference on ' Global Approaches in Natural Resource Management for Climate Smart Agriculture during Pandemic Era of Covid-19' organized by Agricultural Technology Development Society (ATDS), held at Shobhit	International	2021	ISBN: 978-81-948799-6-1	Learning Media Publications, Meerut	2020-2021

			University, Meerut					
2	Pinky Kothari	Cannabis sativa-Most efficient crop for Biodiesel production.	International Conference on 'Global Approaches in Natural Resource Management for Climate Smart Agriculture during Pandemic Era of Covid-19' organized by Agricultural Technology Development Society (ATDS), held at Shobhit University, Meerut	International	2021	ISBN:978-81-948799-6-1	Learning Media Publications, Meerut	2020-2021
3	Istuti Gupta	Paper Presented	International Conference on 'Global Approaches in Natural Resource Management for Climate Smart Agriculture during Pandemic Era of Covid-19' organized by Agricultural Technology Development Society (ATDS), held at Shobhit	International	2021	ISBN: 978-81-948799-6-1	Learning Media Publications, Meerut	2020-2021

			University, Meerut					
4	Dr. Ashima Kathuria	Agriculture waste management through its effective utilization for producing industrially important products.	International Conference on 'Global Approaches in Natural Resource Management for Climate Smart Agriculture during Pandemic Era of Covid-19' organized by Agricultural Technology Development Society (ATDS), held at Shobhit University	International	2021	ISBN: 978-81-948799-6-1	Learning Media Publications, Meerut	2020-2021
5	Dr. DV Surya Prakash	Participated only (Except Presentation)	International E-Conference on Challenges of Virtual Teaching for Students From Tribal Areas 2020, Adakavi Nanaya University, Rajahmundry, Andhra Pradesh.	International	2020	nil		2020-2021
6	Dr. Eliza Chakraborty	Pandemic Aftermath for Betterment of Human	An International Conference on Pandemic and Its Aftermath, Organized By Department of	International	2020	Invited Lecture		2020-2021

		Life	Chemistry, Christ Church College, Kanpur					
7	Dr DV Surya Prakash	Study on herbal nutraceuticals in health management	Indian Chemical Engineering Congress, Chemcon-2020.	National	2020	Abstract Published		2020-2021
8	Dr DV Surya Prakash	Studies on medicinally important aromatic plant species	Indian Chemical Engineering Congress, Chemcon-2020.	National	2020	Abstract Published		2020-2021
Faculty Conference Publications CAYm4 (2019-2020)								
S.No.	Faculty Name	Title of Paper	Name of the Conference	National / International	Year	ISBN	Name of the Publisher	Session
1	Dr.Eliza Chakraborty	Stem Cells and Modern Translational Medicine	IABSCON 2020 Advances in Biomedical Research from Basics to Translation" 9th annual International Conference of Indian Academy of Biomedical Sciences	International	2020	Abstract Published		2019-2020
2	Dr. D V Surya Prakash	Extraction of Natural Drug Diosgenin from herbal plant	107th Indian Science Congress-2020	International	2020	Abstract Published		2019-2020

		Tribulus ter							
3	Pingali Manasa, V. Sasikala, S. Monica Nissy, D V Surya Prakash and V Meena.	Design of Experiments Based Factorial Design and Usability of Response Surface Methodology for Saponin Extraction from Tribulus Terristris	Second International Conference on Material Science, Smart Structures and Applications: ICMSS-2019	International	2019	Abstract Published			2019-2020

Faculty Book Chapters CAY (2023-24)

S. No.	Faculty Name	Title of the book / chapters published	National / International	ISBN / ISSN	Pages (from-to)	Year	Name of the Publisher	Indexing	Link to article	Session
1	D. V. Surya Prakash	Soil Pollution by Micro-	International	978-3-	11-34.	2023	Springer	Web of	https://	2023-

		and Nanoplastics: Sources, Fate, and Impact		031-21194-2				Science	link.springer.com/chapter/10.1007/978-3-031-21195-9_2	2024
2	Jayprakash Yadav	Keratinase Role in Management of Poultry Waste	International	(In-Press)	NA	2023	Springer	Web of Science	NA	2023-2024
3	Jayprakash Yadav	Microbial Fermentation System for the Production of Biopolymers and Bioenergy from Various Organic Wastes and By-Products	International	(In Press)	NA	2023	Springer	Web of Science	NA	2023-2024
Faculty Book Chapters CAYm1 (2022-23)										
S. No.	Faculty Name	Title of the book / chapters published	National / International	ISBN / ISSN	Pages (from-to)	Year	Name of the Publisher	Indexing	Link to article	Session
1	DV Surya Prakash	A Review on Fermentation	National	978-93-	1 to 12	2023	Integrated	Google	https://	2022-

		Process with Applications		5834-039-6			Publications		www.integratedpublications.in/books/1693657281-advances-in-biological-sciences-and-biotechnology-volume-5	2023
2	Avinash Singh	Phage for drug delivery vehicles	National / International	1877-1173	NA	2023	Elsevier	Web of Science	https://doi.org/10.1016/bs.pmbts.2023.04.008	2022-2023
3	Avinash Singh	Green Synthesis of Carbon-Based Nanomaterials: Industrial Applications	International	978-981-16-4921-9	1-12.	2022	Springer	Web of Science	https://doi.org/10.1007/978-981-16-4921-9_10-1	2022-2023
4	DV Surya Prakash	Studies on Pharmacological Activity of Withania Somnifera	National	978-81-955997-4-5	93-105	2022	Innovat Publishers	Google	https://www.innovatpublish	2022-2023

		(Ashwagandha)							er.com/ contents/ contents3. pdf	
Faculty Book Chapters CAYm2 (2021-22)										
S. No.	Faculty Name	Title of the book / chapters published	National / International	ISBN / ISSN	Pages (from-to)	Year	Name of the Publisher	Indexing	Link to article	Session
1	Sandeep Sirohi and DV Surya Prakash	Evaluation of Synthesis, Characterization and Antimicrobial Efficacy of Synthesized Zinc-Oxide Nanoparticle	National	978-93-90833-64-1	24-36	2022	Scripown Publications	Google	NA	2021-2022
2	DV Surya Prakash	A Review on Aromatic Plant Species	National	978-93-5570-284-5	55-68	2022	Akinik Publications	Google	https://www.akinik.com/products/1972/an-introduction-to-plant-biology	2021-2022
3	Sandeep Sirohi and DV Surya Prakash	Production of biogas from heterogeneous food	National	978-81-952337	6 to 27	2021	Ryan Publishers	Google	https://ryanpublis	2021-2022

		waste: a zero waste concept		-6-2					hers.co.in/ product/ advances- in-science- and- technolog y-volume- 1/	
4	Gourav Mishra	Nanotechnology for Environment pollution detection and remedies	International	978352 734758 2/	NA	2022	Wiley	Web of Science	https://doi.org/10.1002/9783527827213.ch13	2021-2022
5	Nishant Srivastva Gourav Mishra and Shailendra K Saxena	Environmental Nanomedicine	International		NA	2022	Springer	Web of Science	https://doi.org/10.1007/978-981-16-6819-7_22	2021-2022
Faculty Book Chapters CAYm3 (2020-21)										
S. No.	Faculty Name	Title of the book / chapters published	National / International	ISBN / ISSN	Pages (from-to)	Year	Name of the Publisher	Indexing	Link to article	Session

1	Eliza Chakraborty	Blueprint of Covid -19 Pandemic	International			2020	Lambert Academic, Germany	Web of Science		2020-2021
2	DV Surya Prakash	Ethnomedicinal Plants of Visakhapatnam District Agency Areas, Andhra Pradesh, India	National	978-93-90471-00-3	123-132	2020	Integrated Publications	Google	https://www.integratedpublications.in/books/1601555486-advances-in-medicinal-plant-sciences?ref=AMPS&vol=1	2020-2021
Faculty Book Chapters CAYm4 (2019-20)										
S. No.	Faculty Name	Title of the book / chapters published	National / International	ISBN / ISSN	Pages (from-to)	Year	Name of the Publisher	Indexing	Link to article	Session

1	Nishant Srivastava	Opportunities in Clinical Translation and commercialization of Nanomedicine. NanoBioMedicine	International	978-981-32-9897-2	501-517	2020	Springer	Web of Science	https://doi.org/10.1007/978-981-32-9898-9_22	2019-2020
2	Nishant Srivastava	Global Trends in Epidemiology of Coronavirus Disease 2019 (COVID-19). Medical Virology	International	978-981-15-4813-0	9-21.	2020	Springer	Web of Science	https://doi.org/10.1007/978-981-15-4814-7_2	2019-2020
3	Nishant Srivastava	Prevention and Control Strategies for SARS-CoV-2 Infection. Coronavirus Disease 2019 (COVID-19). Medical Virology	International	978-981-15-4813-0	127-140	2020	Springer	Web of Science	https://doi.org/10.1007/978-981-15-4814-7_11	2019-2020
4	DV Surya Prakash	Extraction of Phytochemicals from Leaves of Azadirachta indica	National	978-93-5335-980-5	67-78	2020	Akinik Publications	Google	file:///C:/Users/MET/Downloads/Advances in Biotechnology Bioscience.pdf	2019-2020

Sponsored Research

2022-23 (CAYm1)

S. No.	Year	Project Title	PI Name	Scheme Name	Funding Agency	Amount	Status
1	2022	Biodegradable diaper with safewetness Indicator	Dr. Anuj Kumar Singh	MSME Innovation	MSME Govt. of India	18.50 Lakh	Ongoing

2019-2020 (CAYm4)

S. No.	Year	Project Title	PI Name	Scheme Name	Funding Agency	Amount	Status
1	2019	Evaluation of the acaricidal activity of indigenous medicinal plants extract against cattle ticks under in-vitro condition	Ms. Deepika Pal	BIRAC-SITARE	BIRAC	1 Lakh	Completed

2018-19 (CAYm5)

S. No.	Year	Project Title	PI Name	Scheme Name	Funding Agency	Amount	Status
1	2018	DST FIST Centre	MIET Director	Fund for Improvement of S&T Infrastructure (FIST)	DST, Govt. of India	(25+25) =50 Lakh	Ongoing

2017-18 (CAYm6)

S. No.	Year	Project Title	PI Name	Scheme Name	Funding Agency	Amount	Status
1	2017	Study of toxic potential & Metabolic defects of synthesized nanoparticles	Dr. Sandeep Sirohi	Adhoc Grant	CST-UP Govt.	10.94 Lakh	Completed
2	2017	Developing foldscope as an easy and inexpensive on-site fish disease diagnostic tool	Dr. Arvind Kumar	NER-BPMC/BCIL	DST, Govt. of India	8 Lakhs	Completed