

**Student Publications in Journals**

<b>Session</b>	<b>No. of Publications</b>
<b>2023-24</b>	<b>04</b>
<b>2022-23</b>	<b>09</b>
<b>2021-22</b>	<b>15</b>
<b>2020-21</b>	<b>23</b>
<b>2019-20</b>	<b>04</b>
<b>Total</b>	<b>55</b>

**Student Publications in Journals**

<b>CAY (2023-2024)</b>						
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author</b>	<b>Name of Journal</b>	<b>Session</b>	<b>DOI/ISSN No.</b>	<b>Indexing</b>
1	Studies on Extraction of Flavonoids from the peel of <i>Pisum sativum</i>	Drishti Dhall, Ishika Gupta and Surya Prakash DV	International Journal of Biochemistry and Biomolecules	2023-2024	In Press	Google index
2	A Review on <i>Melissa officinalis</i> species	Simran Siddiqui, T. Mohammad Munawar, Sandeep sirohi and Surya Prakash D.V	International Journal of Plant Biotechnology	2023-2024	2456-0162	Google index
3	A Review on Bioplastics	Siddhant Gurjar, Vanshika Tyagi, Harshi Jain and Surya Prakash D.V	International Journal of Industrial Biotechnology and Biomaterials	2023-2024	2455-7323	Google index
4	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	2023-2024	2456-0162	Google index
<b>CAY m1 (2022-2023)</b>						
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author</b>	<b>Name of Journal</b>	<b>Session</b>	<b>DOI/ISSN No.</b>	<b>Indexing</b>
1	Studies on Phytochemical analysis of <i>Coriandrum sativum</i> Leaves	Ansh Aggarwal and Surya Prakash DV	International Journal of plant Biotechnology	2022-2023	2456-0162	Google index
	A Brief Review on	Manjari	Journal of		2230-	Google

2	Influenza A Virus (H3N2) and Its Effects in Human with Precautions	Agrawal, Ansh Aggarwal and Surya Prakash DV	Microbiology and Virology	2022-2023	9853	index
3	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	2022-2023	0973-418X	Google index
4	Potential Role Of Hydrogel And Its Future Applications In Bioprinting And In-Vitro Organ Development	Adesh Nautiyal, Riya Tyagi, Deepika Pal and Eliza Chakraborty	International Journal of Novel Research and Development	2022-2023	2456 - 4184	Google index and UGC listed
5	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	2022-2023	10.3390/antibiotics11121820	SCI
6	Comparative Studies on the Potential of Lignocellulosics in Biosorption	Pandey Manjaree, Gupta Tamanna, Tyagi Vidhi and Verma Nitin	Research Journal of Chemistry and Environment	2022-2023	10.25303/2609rjce1410149	Scopus
7	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	2022-2023	10.1186/s43088-022-00308-x	Scopus
	Studies on Qualitative and	Ansh Aggarwal, Manjari	Journal of Microbiology		NA	Google index

8	Quantitative analysis of Phytochemicals from Spinacia oleracea leaves	Agrawal, Sandeep Sirohi and Surya Prakash DV	and Biotechnology	2022-2023		
9	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	2022-2023	NA	Google index

**CAY m2 (2021-2022)**

S. No.	Title of Paper	Name of Author	Name of Journal	Session	DOI/ISSN No.	Indexing
1	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	2021-2022	10.53730 / ijhs.v6nS1 .5842	Scopus
2	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 Pharmaceutical Negative Results	2021-2022	10.47750 / pnr.2022. 13.S10.26 1	Scopus
3	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,	2021-2022	2456-0162	Google index
	Studies on Phytochemical	Vatsala Upadhyay, Akhil	International Journal of		2456-6691	Google index

4	Analysis of Areca Palm Leaves	Dhar, Asad Khan, Surya Prakash D.V.	Chemical Separation Technology,	2021-2022		
5	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,	2021-2022	2230-9861	Google index
6	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	2021-2022	2319-3387	Google index
7	Studies on Extraction and Purification of Rutin from Ethanolic Extract of Manilkara zapota leaves	Niti Choudhary , Dukx Tyagi , Ashutosh Vasisth and Surya Prakash D.V.	International Journal Of Plant Biotechnology	2021-2022	2456-0162	Google index
8	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,	2021-2022	2230-9861	Google index
9	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	2021-2022	2455-7323	Google index
10	A Review on Gallic Acid	Ansh Aggarwal, Saumya Singh, Anjali Tanwar, Roshni Bharti,	International Journal of Biochemistry and	2021-2022	2455-7323	Google index

		DV Surya Prakash	Biomolecules,			
11	Studies on Extraction of Total Phenolic Content from Seeds of Phyllanthus Emblica	Ritika and Surya Prakash DV	International Journal of Biochemistry and Biomolecules,	2021-2022	NA	Google index
12	Studies on Extraction of Total Tannin Content from Seeds of Momordica charantia	Akshita Sharma and Surya Prakash DV.	International Journal of Industrial Biotechnology and Biomaterials	2021-2022	2455-7323	Google index
13	<i>Enhancement of Gallic acid from leaves of Melissa officinalis by Bacillus substilis through submerged fermentation</i>	Sonali Aggarwal and Surya Prakash DV	International Journal of Pharma and Bio sciences	2021-2022	10.22376 / ijpbs.2021.12.3.B94-98	<b>Elsiever Embase</b>
14	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	2021-2022	10.3233/JCB-210037	<b>Scopus</b>
15	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	Ayesha Sanober and Neeraj Agarwal	Der Pharma Chemica	2021-2022	NA	Google Indexed

	Enzyme I inhibitors.					
<b>CAY m2 (2020-2021)</b>						
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author</b>	<b>Name of Journal</b>	<b>Session</b>	<b>DOI/ISSN No.</b>	<b>Indexing</b>
1	Cellulase Production and Characterization from <i>Thermomucor indicae-seudaticae</i> .	Ashima Kathuria & Swati Allen	Research Journal of Biotechnology	2020-2021	10.25303/1611rjbt6977	Scopus
2	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	2020-2021	10.1007/s00484-021-02084-2	SCI
3	<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	2020-2021	2455-6211	UGC Approved
4	Studies on Evaluation and Production of Cardyceps Militarish Potency: In vivo on <i>Drosophila Melanogaster</i>	Adarsh Singh, Raghav Singh, Sandeep Sirohi	International Journal of Molecular Biotechnology	2020-2021		UGC Approved
5	A Review on <i>Psidium guajava</i>	Aman Verma, Tanishka Chauhan, Amarjeet Redhu and Surya Prakash D.V.	Research & Reviews: A Journal of Crop Science and Technology	2020-2021	2319-3395	Google Index
6	A Review on	Tanishka	Research &		2278-	UGC

	Citrullus lanatus	Chauhan, Anshu Mall, Amarjeet Redhu and Surya Prakash D.V.	Reviews: Journal of Herbal Science	2020-2021	2206	(63750) Google index
7	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,	2020-2021	2349-4786	Google index
8	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,	2020-2021	2278-2257	UGC (63750) Google index
9	<i>Review on Biological Properties of Cymbopogon citratus</i>	Ankit Singh, Megha Singh, Yugal Gupta, Surya Prakash DV	Research & Reviews: Journal of Botany	2020-2021	2278-2222	UGC (48804) google index
10	Sphagnum: a promising indoor air purifier	Sandeep Sirohi, Shailendra Kumar, Chitra Yadav, Debjyoti Banerjee, Pranjal Yadav	Journal of Environmental Engineering and Science, Thomas Telford	2020-2021	10.1680/jenes.19.00051	<b>SCI</b>
11	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	2020-2021	10.1016/j.enmm.2020.100391	<b>SCI</b>
12	A Review on Cucumis melo	Amit Tripathi, Shalinee Mishra, Anjali Suarabh, Surya Prakash DV.	Research & Reviews: Journal of Crop Science and Technology	2020-2021	2319-3395	Google index
13	Studies on	Amit Tripathi,	Journal of	2020-2021	2229-	UGC



	Extraction of Bioflavonoids from seeds of Cucumis melo	Shalinee Mishra, Anjali Suarabh . Surya Prakash DV	Modern Chemistry & Chemical Technology,		6999	(48757) Google index
14	A Review on Seeds of Carica papaya	Priyanka Bhat, Ankit Rawat, Anurag Agarwal, Surya Prakash DV	Research & Reviews: Journal of Botany	2020-2021	2278-2222	UGC (48804) google index
15	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	2020-2021	2455-7323	Google index
16	A Review on Catharanthus roseus specie	Prakhar Choudhary, Anand Kumar Nelapati and Surya Prakash DV	International Journal of Plant Biotechnology	2020-2021	2456-0162	Google index
17	A Review on Vetiveriazizanioides species.	Shreya Singh Chauhan, Sunanda Tyagi, Surya Prakash DV	Research and Reviews: Journal of Herbal science	2020-2021	2348-9553	UGC (63750) Google index
18	Extraction of Phytochemicals from leaves of Hibiscus rosa sinensis	Kunal Kapoor, Zaiba Firoz and Surya Prakash DV	. Research and Reviews: Journal of Biotechnology	2020-2021	2231-3826	Google index
19	A Review on Nanoparticle and its Applications.	Shivangi Pandey, Abhishek Tripathi, Balatejeswarara oV and Surya Prakash DV	Nano Trends : A Journals of Nanotechnology and Its Application,	2020-2021	0973-418X	UGC (47084) Google index
20	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	2020-2021	2456-6691	Google index

21	Phenolic Compound Extraction from Leaves of <i>Nyctanthes arbor-tristis</i>	Manjaree Pande y, Vidhi Tyagi, Tamanna Gupta and Surya Prakash DV	Journal of Modern Chemistry and Chemical Technology	2020-2021	2321-5208	UGC (48757) Google index
22	A Review of History and Origin of Corona Virus Infection	Astha Yadav, Nida Jameel, Surya Prakash D.V	Research & Reviews: A Journal of Microbiology & Virology	2020-2021	2349-4360	UGC (63742) Google index
23	A Review on <i>Manihot esculenta</i> species,	Lavi Jain, Kaustubh Tripathi and Surya Prakash DV	Research & Reviews: Journal of Botany	2020-2021	2278 - 2222	UGC (48804) google index

**CAY m3 (2019-2020)**

S. No.	Title of Paper	Name of Author	Name of Journal	Session	DOI/ISSN No.	Indexing
1	Effect of heat stress on superoxide anion production in native and crossbred cattle under in vitro whole blood culture model.	Nitika Verma, Rafeeqe Alyethodi, Ashima Kathuria, Rani Alex, B Prakash	Journal of Thermal Biology	2019-2020	10.1016/j.jtherbio.2019.102457	SCI
2	Extraction and Purification of Tannins from leaves of <i>Azadirachta indica</i>	Sonali Aggarwal, Gaurav Banshal and Surya Prakash DV	International Journal of Chemical Separation Technology,	2019-2020	2456 - 6691	Google index
3	Extraction and Purification of Kaempferol from leaves of <i>Azadirachta indica</i>	Snehil jaiswal, Sumiran Chauhan and Surya Prakash DV	International Journal of Chemical Separation Technology	2019-2020	2456-6691	Google index
4	Review on Pharmacological activities of <i>Azadirachta indica</i> .	Snehil jaiswal, Sumiran Chauhan, Gaurav Bansal, Sonali Agarwal	International Journal of Pharmaceutical Research and Development	2019-2020	2664-6862	Google index

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**Consolidated Table P 8****Publications in Conference**

<b>Session</b>	<b>No. of Publications</b>
<b>2023-24</b>	<b>0</b>
<b>2022-23</b>	<b>11</b>

<b>2021-22</b>	3
<b>2020-21</b>	2
<b>2019-20</b>	0
<b>Total</b>	16

## Publications in Conference

<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author</b>	<b>Name of Conference</b>	<b>Session</b>	<b>DOI/ISSN/ISBN No.</b>	<b>Year of publication</b>
1	Biochemical Characterization of Thermophilic Pectinase from <i>Aspergillus niger</i>	Vanshita Agarwal, Ashima Kathuria	6th International Conference (SCALFE - 2023)	2022-2023	978-93-9187-31-1	2023
2	Natural tannin biodegradation by	Kapil Kumar, Umang Sharma,	International Conference on	2022-2023	978-93-92787-	2023

	Aspergillus flavus for tannase production	Srishti Kapoor and Ashima Kathuria	Recent Trends in Biotechnology and Applied Bioinformatics (ICRTBAB)		53-9	
3	Studies on Extraction of Total Flavonoid Content from Seeds of Citrullus lanatus - Participated Oral Presentation	Ansh Aggarwal, Manjari Agrawal, Surya Prakash DV	8th National Conference on Science & Technology for Nation Development: Opportunities & Global Challenges	2022-2023	978-93-83861-78-1	2023
4	Studies on Extraction of Flavonoids from Leaves of Artocarpus heterophyllus - Participated Oral Presentation	Ansh Aggarwal, Manjari Agrawal, Kapil Kumar, Surya Prakash DV	International Conference Recent Developments in Engineering, Science & Management (RDESM-23)	2022-2023	978-81-96188-90-0	2023
5	Optimization of Physico-Chemical Parameters for Extraction of Rutin from Seed of Carica papaya	Raxit Tyagi, Pratham Sharma, Shishir Tyagi, Surya Prakash DV	International Conference on Recent Trends in Biotechnology and Applied Bioinformatics (ICRTBAB)	2022-2023		2023
6	Optimization of Culture Conditions for Pectinase Production from Aspergillus niger	Vanshita Agarwal, Ashima Kathuria	National Conference on Environmental and Industrial Biotechnology (NCEIB-2022)	2022-2023	Not available	2022
7	Inhibition of vitro Rhipicephalus microplus infection by Exploiting Mahua longifolia Extracts	Deepika Pal, Eliza Chakraborty and Jaydip Parmar	Ist Three days international conference on "Challenges & opportunities in food, pharma & biotechnology	2022-2023	Awaited	2022
8	A Comprehensive Review on Nutraceuticals -	Vatsala Upadhyay, Akhil Dhar,	3rd National conference on "Healthcare	2022-2023	Abstract published only	2022

	Participated Oral Presentation (Online)	Mohammad Asad Khan, Surya Prakash DV	Industry & Academia Summit: 2022 & Beyond" (NCHIAS),		AU/SOMS /NCHIAS/ PP1	
9	Studies on Extraction and Purification of Total Phenolic Content from Leaves of Ocimum tenuiflorum (Tulsi)	Istuti Gupta, Archit Mohan Shukla, Dr.DV Surya Prakash	BioSangam 2022 An International Conference Emerging Trends in Biotechnology at Motilal Nehru National Institute of Technology Allahabad.	2022-2023	Abstract published	2022
10	Stem Cell and Modern Translational Medicine	Eliza Chakraborty and Deepika Pal	Xth International Conference of Indian Academy of Biomedical Sciences (IABSCON-2022)	2022-2023	Abstract published	2022
11	Preparation and characterization of clay mineral based polymeric film for food packaging applications	Narayan Chaudhary, Gourav Mishra	Ist Three days international conference on "Challenges & opportunities in food, pharma & biotechnology	2022-2023	Awaited	2022
12	Investigation of biodegradable halloysite nanoclay based polymeric film as an active food packaging material	Narayan Chaudhary, Gourav Mishra	International Conference on Advances in Sustainable Research for Energy and Environmental Management (ASREEM-2021), Surat Gujarat.	2021-2022	Abstract published	2021
13	Paper Presented	Istuti Gupta	International Conference on ‘	2021-2022	978-81-948799-	2021

			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		6-1	
14	Isolation and production of Natural tannin degrading fungal strain	Ashima Kathuria and Aishwarya	International conference on covid challenges of energy and environment management for sustainable growth of process Industries	2021-2022	NA	2021
15	Utilization of tannin-rich agriculture wastes for industrial applications	Ashima Kathuria and Aishwarya	International Conference on Global Approach in natural Resource Management for climate smart agriculture during Pandemic Era of COVID-19 organised by agriculture Technology	2020-2021	978-81-948799-6-1	2021

			Development Society (ATDS)			
16	Bio product from biowaste: A Need for Helping Environment and ECology	Ishu Tyagi, Ashima Kathuria	International Conference on Global Approach in natural Resource Management for climate smart agriculture during Pandemic Era of COVID-19 organised by agriculture Technology Development Society (ATDS)	2020-2021	978-81-948799-6-1	2021