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Title	Dr.	First Name	Asmita	Last Name	Gupta	Photograph 
Designation	Assistant Professor					
Address	House No. 5, First Floor, Khirki Village, Malviya Nagar, New Delhi-110017					
Phone No. Office						
Residence						
Mobile No.	9140514987					
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Web Page						

Educational Qualification		
Degree	Institution	Year
B.Sc. (Hons.) Botany	Faculty of Science, Banaras Hindu University, Varanasi	2009
M.Sc. Botany	Faculty of Science, Banaras Hindu University, Varanasi	2011
Mphil./Ph.D.	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi	2017

Career Profile

Worked as Assistant Professor, Botany in the following colleges of Delhi University:

S.no	Designation	Institution	Time Period	Nature of Appointment
1.	Botany Lecturer	Aakash Institute, New Delhi	17-07-2011 to 18-08-2011	Contractual
2.	Assistant Professor, Botany	Zakir Husain Delhi College, University of Delhi.	04-08-2016 to 16-12-2016	Ad-hoc
3.	Assistant Professor, Botany	Gargi College, University of Delhi	17-01-2017 to 08/05/2017	Ad-hoc
4.	Assistant Professor, Botany	Acharya Narendra Dev College, University of Delhi	20/07/2017 to 19/05/2018	Ad-hoc
5.	Guest lecturer	Miranda House, University of Delhi	July 2018 to August 2018	Contractual
6.	Guest lecturer	Acharya Narendra Dev College, University of Delhi	July 2018 to August 2018	Contractual

7.	Assistant Professor, Botany	Daulat Ram College, University of Delhi	From 17/08/2018 to 19/01/2023	Ad-hoc
8.	Assistant Professor, Botany	Daulat Ram College, University of Delhi	From 20/01/2023 to current	Permanent
Total				

Administrative Assignments

Areas of Interest/Specialization

- ❖ Wastewater treatment using indigenous microflora.
- ❖ Biogas especially Biohydrogen production from wastewater and sludge.
- ❖ Utilization of Microbial fuel cell Technology for Bioremediation, electricity generation from wastewater.
- ❖ Biovalorization of wastewater using indigenous bacteria to produce biopolymers.

Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1.	B.Sc. (Hons.) Botany	1. Microbiology and Phycology,	I	2017, 19, 20, 21
2.	B.Sc. (Hons.) Botany	2. Biomolecules and Cell Biology	I	2017
3.	Ability Enhancement Compulsory Course-II	Environmental Studies	I	2017-21
4.	B.Sc. (Hons.) Botany	3. Mycology and Phytopathology	II	2017, 19, 21
5.	B.Sc. (Hons.) Botany	5. Anatomy of Angiosperms,	III	2018
6.	B.Sc. (Hons.) Botany	6. Economic Botany	III	2017-2021
7.	B.Sc. (Hons.) Botany	7. Genetics	III	2017-21
8.	B.Sc. (Hons.) Botany	SEC-1. Ethnobotany	III	2019-21
9.	B.Sc. (Hons.) Botany	SEC-2. Intellectual Property Rights	III	2018

10.	B.Sc. (Hons.) Botany	8. Molecular Biology,	IV	2017, 18, 19
11.	B.Sc. (Hons.) Botany	9. Ecology	IV	2017, 18
12.	B.Sc. (Hons.) Botany	10. Plant Systematics	IV	2019, 20
13.	B.Sc. (Hons.) Botany	SEC-5. Biofertilizers	IV	2017, 18, 19
14.	B.Sc. (Hons.) Botany	11. Reproductive Biology of Angiosperms,	V	2018, 19, 20
15.	B.Sc. (Hons.) Botany	DSE-1. Analytical Techniques in Plant Sciences,	V	2018, 19, 20
16.	B.Sc. (Hons.) Botany	DSE-2. Biostatistics	V	2019, 20, 21
17.	B.Sc. (Hons.) Botany	13. Plant Metabolism,	IV	2018, 19, 20
18.	B.Sc. (Hons.) Botany	14. Plant Biotechnology	IV	2018, 19
19.	B.Sc. (Hons.) Botany	DSE-4. Industrial and Environmental Microbiology	IV	2018
20.	B.Sc. (Hons.) Botany	DSE-5. Bioinformatics	IV	2019, 20, 21
21.	B.Sc. (Hons.) Zoology and Biochemistry	GE-I 1. Biodiversity (Microbes, Algae, Fungi and Archegoniatas)	I	2019, 21
22.	B.Sc. (Hons.) Zoology and Biochemistry	2. Plant Anatomy and Embryology	I	2017, 18
23.	B.Sc. (Hons.) Zoology and Biochemistry	GE-II 3. Plant Ecology and Taxonomy	II	2017, 18, 19, 20
24.	B.Sc. (Hons.) Zoology and Biochemistry	GE-III 5. Environmental Biotechnology	III	2018, 19, 20, 21
25.	B.Sc. (Hons.) Zoology and Biochemistry	GE-IV 6. Economic Botany and Biotechnology	IV	2020, 21
26.	B.Sc. Life Science	CC Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	I	2017, 18, 19, 20
27.	B.Sc. Life Science	CC Plant Ecology and Taxonomy	II	2017, 18, 19
28.	B.Sc. Life Science	CC Plant Anatomy and Embryology	III	2019
29.	B.Sc. Life Science	Cell and Molecular Biology	V	2020, 21
30.	B.Sc. Life Science	DSE-II 3. Economic Botany and Biotechnology	VI	2020
31.	B.Sc. Life Science	SEC-4. Intellectual Property Right	VI	2018
32.	B.Sc. Life Science NEP	Genetics and Molecular Biology	II	2023
33.	B.Sc. (Hons.) Botany NEP	Biofertilizer	I	2022

34.	B.Sc. (Hons.) Botany NEP	Microbiology	II	2023
35.	SEC	Organic Farming	II	2023

Research Guidance

Publications Profile

1. Research Publications:

S.No	Author/s(Year) Journal Name, Vol, series, pg no, ISSN	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No
1.	Gupta, A., Kumar, M., Sharma, R., Tripathi, R., Kumar, V. and Thakur, I.S., 2023. Screening and characterization of bioflocculant isolated from thermotolerant <i>Bacillus</i> sp. ISTVK1 and its application in wastewater treatment. <i>Environmental Technology & Innovation</i> , 30, p.103135.	5 April 2023	7.758	yes	yes
2.	Gupta, A., Kumar, M., Ghosh, P. and Thakur, I.S., 17 January, 2022. Risk assessment of a municipal extended aeration activated sludge treatment plant using physico-chemical and <i>in vitro</i> bioassay analyses. <i>Environmental Technology & Innovation</i> , Vol. 26, p.102254. Publisher: Elsevier. ISSN 2352-1864.	17 January 2022	7.758	yes	yes
3.	Kapoor, R., Ghosh, P., Kumar, M., Sengupta, S., Gupta, A., Kumar, S.S., Vijay, V., Kumar, V., Vijay, V.K. and Pant, D., 2020. Valorization of agricultural waste for biogas based circular economy in India: A Research Outlook. <i>Bioresource Technology</i> , p.123036.	4 th August, 2020	11.889	Yes	Yes
4.	Gupta A. and Thakur I.S., October 2018, Biosafety assessment of municipal wastewater after treatment by <i>Serratia</i> sp. ISTVKR1. <i>International journal of environmental science and technology (Int. J. Environ. Sci. Technol.)</i> . 15(10), pp.2095-2106. DOI 10.1007/s13762-017-1548-z. Publisher: Springer, Berlin/Heidelberg, Germany. In press. ISSN: 1735-1472 (Print) 1735-2630 (Online). UGC list S.No. 685, Journal no. 3002.	1 st October 2018	3.519	Yes	Yes
5.	Gupta A., Kumar M., and Thakur I.S., October 2017, Analysis and optimization of process parameters for production of Polyhydroxyalkanoates along with wastewater treatment by <i>Serratia</i> sp. ISTVKR1. <i>Bioresource Technology (Bioresour Technol.)</i> , 242: 55-59. pii: S0960-8524(17)30391-7. doi: 10.1016/j.biortech.2017.03.110. Publisher: Elsevier. Netherlands. In press. ISSN: 0960-8524. UGC list S.No. 1225, Journal no. 14861.	5 th October, 2017	11.889	Yes	Yes

6.	Gupta A. and Thakur I.S., August 2016, Study of optimization of wastewater contaminant removal along with extracellular polymeric substances (EPS) production by a thermotolerant <i>Bacillus</i> sp. ISTVK1 isolated from heat shocked sewage sludge. <i>Bioresource Technology</i> , 213: 21-30. Doi. 10.1016/j.biortech.2016.02.040. ISSN: 0960-8524. UGC list S.No. 1225.	25 th August, 2016	11.889	Yes	Yes
7.	Gupta A. and Thakur I.S., October 2015, Biodegradation of wastewater organic contaminants using <i>Serratia</i> sp. ISTVKR1 isolated from sewage sludge, <i>Biochemical Engineering Journal</i> , 102: 115–124. ISSN: 1369-703X. Publisher: Elsevier. Netherlands. UGC list S.No. 932, Journal no. 14558.	7 th October 2015	4.446	Yes	Yes
8.	Tripathi R., Gupta A. and Thakur I.S., May 2019, An integrated approach for phycoremediation of wastewater and sustainable biodiesel production by green microalgae, <i>Scenedesmus</i> sp. ISTGA1. <i>Renewable Energy (Renew Energy)</i> , 135: 617-625. ISSN: 0960-1481. Publisher: Elsevier. Netherlands. UGC list S.No. 4, Journal no. 10267. Publisher: Elsevier.	6 th May 2019	8.634	Yes	Yes
9.	Medhi K., Gupta A. , Thakur I.S., 2018, Biological nitrogen removal from wastewater by <i>Paracoccus denitrificans</i> ISTOD1: optimization of process parameters using response surface methodology. <i>Journal of Energy and Environmental Sustainability</i> , 5 (2018) 41-48. ISSN: 2455-2259, International Society for Energy, Environment and Sustainability, Indian Institute of Technology, Kanpur – 208016. Uttar Pradesh, India. +91-512-2597982. editor@jees.in	12 th May, 2018	-	Yes	Yes
10.	Kumar M., Gupta A. and Thakur I.S., August 2016, Carbon dioxide sequestration by chemolithotrophic oleaginous bacteria for production and optimization of polyhydroxyalkanoate. <i>Bioresource Technology (Bioresour. Technol.)</i> , 213: 249–256. 10.1016/j.biortech.2016.02.038. ISSN: 0960-8524. UGC list S.No. 1225, Journal no. 14861.	8 th August 2016	11.889	Yes	Yes
11.	Ghosh P., Gupta A. , Thakur I.S., June 2015, Combined chemical and toxicological evaluation of leachate from municipal solid waste landfill sites of Delhi, India, <i>Environmental Science and Pollution Research (Environ Sci Pollut Res)</i> , 22 (12): 9148-9158. ISSN: 0944-1344 (Print) 1614-7499 (Online). UGC list S.No. 2217, Journal no. 64748.	23 rd June, 2015	5.19	Yes	Yes
12.	Gupta A. , Thakur I.S., 2015, Dynamics of wastewater organic contaminants in a sewage treatment plant. <i>ENVIS news letter on Biogeochemistry</i> , New Delhi, India. 21(2): 1-8. ISSN: 0974-1364.	5 th September, 2015	-	Yes	Yes

2. Book Chapters/Articles published

S.No	Author (year) Title, Module, Subject, Organisation, Weblink	Date of publishing	Authored/Edited	Link
1.	<p>Gupta A. and Thakur I.S., 2016, Treatment of organic recalcitrant contaminants in wastewater, Chapter 1, pp 1-15, in: Farooq R. and Ahmad Z. (Eds.), Wastewater treatment and resource recovery. Intech. IntechOpen Limited, The Shard, 25th floor, 32 London Bridge Street, London, SE19SG - United Kingdom, Phone: +44 (0) 20 3457 0462 ISBN No. 978-953-51-4933-0.</p>	2016	First author	https://books.google.co.in/books?hl=en&lr=&id=-viODwA...=fnd&pg=PA3&dq=Gupta+A.+and+Thakur+I.S.,+2016,+T...ganic+recalcitrant+contaminants+in+wastewater,+&ots=d-8
2.	<p>Gupta A., Medhi K., Gupta M., Thakur I.S., 2017, Advances in the application of bacterial exopolysaccharides: A review. Chapter 15, pp-157-166. Enriched Publications Pvt. Ltd., New Delhi, India. Scope of phytochemically unexplored medicinal plants. ISBN No. 978-1-63535-013-5.</p>	2017	First author	
3.	<p>Kumar, M., Morya, R., Gupta, A. and Thakur, I.S., 2020. Anaerobic biovalorization of pulp and paper mill waste. In <i>Biovalorisation of Wastes to Renewable Chemicals and Biofuels</i> (pp. 41-61). Elsevier. ISBN No. 978-0-12-817951-2.</p>	2020	Third author	https://www.sciencedirect.com/science/article/pii/B9780128...

4.	<p>Gupta A, Kumar M, Srivastava S. (2021) Recent advances in wastewater sludge valorization. In Biovalorization of waste: Trends and perspectives. Environmental and Microbial Biotechnology (EMB), 225-247. Springer. ISBN No. 978-981-15-9695-7.</p>	2021	First author	<p>https://books.google.co.in/books?hl=en&lr=&id=qzofEAAAQAAAJ&pg=PA225&dq=Biovalorization+of+waste:+Trends+and+perspectives.+Env+4Z_mv5tTxL-0nF0I&redir_esc=y#v=onepage&q&f=false</p>	
5.	<p>Gupta A, Kumar M, Kumar V, Thakur I.S. (2021) Hydrogen production and carbon sequestration for biofuels and biomaterials. BIOMASS, BIOFUELS, BIOCHEMICALS Climate change mitigation: Sequestration of green house gases. Elsevier. ISBN: 978-0-12-823500-3. Editor: I.S.Thakur, Ashok Pandey, Huu Hao Ngo, Carlos Ricardo Soccol, Christian Larroche. Chapter 10, 231-252.</p>	2021	First author	<p>https://www.elsevier.com/books/biomass-biofuels-biochemicals/biomass-biofuels-biochemicals-11444444</p>	
6.	<p>Gupta A, Swati Wanwari, Kumar M, Thakur I.S. (2021) Contamination of water resources with potentially toxic elements (Hg, As, Pb, Cd, and Cr) and human health risk assessment. Contamination of Water. Health risk assessment and treatment strategies. Elsevier. ISBN: 978-0-12-824058-8. Editor: Arif Ahamad, Sharf Ilahi Siddiqui and Pardeep Singh. 11th</p>	2021	First author	<p>DOI:10.1016/B978-0-12-824058-8.00006-2</p>	

	August, 2021. Available online 13 August 2021, Version of Record 13 August 2021.Chapter 10, 143-156.			
7.	Kumar, M., Gupta, A. , Srivastava, S. (2021). Degradation and Biotransformation of Pentachlorophenol by Microorganisms. In: Kaushik, A., Kaushik, C.P., Attri, S.D. (eds) Climate Resilience and Environmental Sustainability Approaches. Springer, Singapore. Climate Resilience and Environmental Sustainability Approaches pp 299–318.	2021	Second author	https://doi.org/10.1007/978-981-16-0902-2_16
	Kumar, M., Morya, R., Gupta, A. , Kumar, V. and Thakur, I.S., 2021. Bacterial-Mediated Depolymerization and Degradation of Lignin. In Environmental Microbiology and Biotechnology. Chapter 4 (pp. 83-103). Springer, Singapore. ISBN: 978-981-15-7493-1.	2021	Third author	DOI:10.1007/978-981-15-7493-1_4

Conference Organization/ Presentation (in the last three years)

1. PARTICIPATIONS IN CONFERENCES AND WORKSHOPS

- ❖ Presented a paper titled,” **Screening and characterization of bioflocculant isolated from thermotolerant *Bacillus* sp. ISTVK1 and its application in wastewater treatment**”, in the International Conference on Biotechnology, Sustainable Bioresources and Bioeconomy (BSBB-2022) organized by Indian Institute of Technology, Guwahati, India and BRSI held from 8th to 11th December, 2022.
- ❖ Presented a paper titled,” **Exploring the valorization routes of sewage and sludge for a circular bioeconomy**” at the World Environment Summit 2022, organized by ESDA from 15th to 16th October, 2022, at the V.P. Chest Institute, University of Delhi, North Campus, Delhi.
- ❖ Presented and secured 3rd position in Oral Presentation in the **WORLD ENVIRONMENT SUMMIT 2021** (Conference/Awards) as Delegate and presented a Paper (Oral) entitled “**Recent developments in Phytoremediation-**

inclusive advanced wastewater treatment technologies” during technical session ten. ESDAC. 1-3 October, 2021. Held in Physical and Virtual mode. Venue: India International Centre, Lodhi Road, New Delhi. Organized by: Environment and Social Development Association (ESDAC) Delhi.

- ❖ Participated and presented e-paper for the paper entitled “*Risk assessment of a municipal extended aeration activated sludge treatment plant using physico-chemical and in vitro bioassay analyses*” authored by Asmita Gupta^{1*}, Madan Kumar², Pooja Ghosh², Swati³, Indu Shekhar Thakur^{3*} the International Conference on Biotechnology for Sustainable Agriculture, Environment and Health, jointly organized by Malaviya National Institute Of Technology, Jaipur And The Biotech Research Society, India at Jaipur, India during April 04-08, 2021. International Conference on Biotechnology for Sustainable Agriculture, Environment and Health (BSAEH-2021)
- ❖ Presented a poster titled, “*Enteric Pathogens in Yamuna river water at Allahabad district in UP, India*” at the World Environment Summit 2022, organized by ESDA from 15th to 16th October, 2022, at the V.P. Chest Institute, University of Delhi, North Campus, Delhi.
- ❖ Presented poster under the theme Microbial Ecology and Biotechnology at the 6th Annual International Conference of INSCR on “*Microbes In Sustainable Development*” With Title, “*Exploring Recent Advancements In Microbial Degradation Of Wastewater Pesticides*” organized in association with the Department of Zoology (DU), Acharya Narendra Dev College (DU), Deen Dayal Upadhyaya College (DU), Gargi College (DU), Kirori Mal College (DU), PG Department of Zoology (MU), Maitreyi College (DU), Ramjas College (DU), Sri Venkateswara College (DU), C.M.P. College (AU), SGTB Khalsa College (DU), COCAS (PU) & PhiXgen Pvt. Ltd., Gurugram from November 15 to 18, 2021. PROF. RUP LAL President, INSCR
- ❖ Participated as a Resource person, delivered lectures on “GOOGLE DRIVE” and “GOOGLE MEET” in In-House Skill Development Programme on “An Insight into the Basic ICT Tools” held on 24th and 25th November, 2021, organized by Department of Botany DAULAT RAM COLLEGE (NAAC Grade “A” Accredited) University of Delhi, Under IQAC.
- ❖ Participated as a resource person and delivered lecture on “**Construction of Phylogenetic Tree using MEGA X**” in the **In-house skill development program 2019-2020 under IQAC** on “*Basics of Bioinformatics: Theory and Practice*” organized by Department of Botany, Daulat Ram College, University of Delhi, held on 11th -17th July, 2019 at Daulat Ram College, University of Delhi-110007.
- ❖ Worked as a member of the Organizing Committee in one day workshop on the topic, “Capacity Building Workshop Series1-Mushroom Cultivation” under IQAC conducted by Astitva, Life Science Association, Daulat Ram College, University of Delhi on 28th September, 2022.
- ❖ Worked as a Member of Organizing Committee in Workshop “**Basic Techniques For Home Gardening – Series – I**” organized by Garden Committee, Daulat Ram College, University of Delhi on 14th and 15th September, 2022.
- ❖ Participated as a member of the organizing committee for the one day lecture conducted by Vasundhara, The Botanical Society of Daulat Ram College to celebrate the World Nature Conservation Day on the topic “Pollinators, Pollinators Dependent Plants and Conservation Values” on 4th August, 2021.
- ❖ Worked as a member of the organizing committee in two days hands on session workshop conducted by Vasundhara, The Botanical Society of Daulat Ram College on the topic “Learning Reproductive Biology with Fluorescence Microscopy” on 25th August and 26th August, 2021.
- ❖ Contributed as a member of the Organizing Committee in International Conference on “Effective Strategies for Biodiversity Conservation” held on 23-24 March, 2021, held in Department of Botany, Daulat Ram College, University of Delhi

- ❖ Worked as a member of the organizing committee for the National webinar on “Redefining gardening from hobby to enterprise: Series 1” organized by the Garden Committee, Daulat Ram College, University of Delhi on 21st October, 2020.
- ❖ Worked as a member of the organizing committee for the National webinar on “Redefining gardening from hobby to enterprise: Series 2” organized by the Garden Committee, Daulat Ram College, University of Delhi on 11th November, 2020.
- ❖ Worked as a member of the organizing committee for the National webinar on “Redefining gardening from hobby to enterprise: Series 3” organized by the Garden Committee, Daulat Ram College, University of Delhi on 18th November, 2020.
- ❖ Worked as a member of the organizing committee for the National webinar on “Redefining gardening from hobby to enterprise: Series 1” organized by the Garden Committee, Daulat Ram College, University of Delhi on 21st October, 2020.
- ❖ Contributed as Evaluator for **State Level Camp (Level-II), Delhi of Vidyarthi Vigyan Manthan-India’s Largest Science Talent Search for New India Using Digital Devices (VVM) 2022-23**, organized by Vijnana Bharati (VIBHA) in association with Vigyan Prasar, Department of Science and Technology, Govt. of India and National Council of Educational Research and Training (NCERT), Ministry of Education, Govt. of India held on Sunday, 08th January, 2023 at Daulat Ram College, University of Delhi.
- ❖ Contributed as Evaluator of answer scripts of Open Book Examination (OBE) held in June, 2021. University of Delhi, Evaluator Id T014311; UPC 32167608; Bioinformatics.
- ❖ Participated as a delegate in “UGC and ICSSR sponsored *National conference on income Inequality, Protectionism and International Trade in Digital Age: with reference to India*” organized by Department of Economics and Department of Commerce, Daulat Ram College, held on January 21, 2020.
- ❖ Successfully completed a five-week-long National Workshop on Statistical Analysis of Biological Data Department of Botany, Zakir Husain Delhi College, University of Delhi, from 17th January- 21st February, 2022 with grade A.
- ❖ Participated in the International E-Lecture Workshop On Innovation In Biotechnology & Inauguration of Nano and Biomaterials Association (NBA) held on January 19-20, 2022 organized by School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, India in association with the Biotech Research Society, India (BRSI).
- ❖ Participated in National Workshop cum Training on “Bioinformatics and Computational Tools for Botanical Studies” conducted by Department of Botany, Daulat Ram College (Delhi) in collaboration with Wetlab Championship at E-Cell (IIT Bombay Event) on 12th and 13th February 2020.
- ❖ Participated in the Webinar/Online Training on "Bio-STP" held on "11 June 2021". Certificate No :N633P28C178982W447. National Productivity Council, (Under DPIIT, Ministry of Commerce & Industry, Govt. of India).
- ❖ Participated in the Webinar On "Creating a Great Presentation" Held On "20 June 2021". Certificate No :N369P19C098530W412. National Productivity Council.
- ❖ Participated in the Webinar/Online Training on "WASTE MANAGEMENT IN CITIES - A PRACTICAL APPROACH", held on "22 June 2021", Certificate No :N608P21C258068W957, National Productivity Council, (Under DPIIT, Ministry of Commerce & Industry, Govt. of India), Certificate of Completion.

- ❖ Participated in the Two-day international webinar on "COVID Pathways for Sustainability: Mapping Energy Environment and Recycling" Organized By Daulat Ram College (IQAC) in collaboration with Tillotoma Foundation & Jadavapur Association of International Relations on 12-13 August, 2020. Two-day International Webinar on "COVID Pathways for Sustainability: Mapping Energy Environment and Recycling". University of Delhi,
- ❖ Attended webinar on "Misinformation & Online Safety" under the project "We Think Digital - Digital Shakti 2.0". Certificate of participation. Follow us on "@We Think Digital - Digital Shakti 2.0" to get the latest updates and information. Jun 22, 2020. CyberPeace Foundation !
- ❖ Participated in the National Webinar on Biodiversity and Conservation (NWBC 2020) organised by the Department of Botany, Daulat Ram College, University of Delhi, on 8 th June, 2020. DEPARTMENT OF BOTANY, DAULAT RAM COLLEGE University of Delhi National Webinar Under the aegis of IQAC On “BIODIVERSITY AND CONSERVATION ” (NWBC 2020)
- ❖ Participated in the One Day International Webinar on “Science and Engineering for Nature Conservation” held on World Environment Day-5th June, 2020.J. C. Bose University Of Science and Technology YMCA, Faridabad (A Haryana State Government University) Accredited 'A' Grade by NAAC <https://jcboseust.ac.in>.
- ❖ Participated in webinar on “Art and Science of Mentoring” lectured by Dr. Pratibha Jolly (FNASc, FInstP (UK), Academic Consultant NAAC, former Principal, Miranda House, University of Delhi) organised by Physics Department, Daulat Ram College, on June 1, 2020.
- ❖ Attended International E-Conference on “**Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World**” organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on 15th - 17th May, 2020. Organized by Government of Maharashtra Government Vidarbha Institute of Science & Humanities Amravati, Maharashtra - 444 604 India NAAC re-accredited ‘A’ Grade (II Cycle) with 3.32 CGPA. International E-Conference Certificate of Participation, Certificate ID: 582020-40129-AM Certificate No: 5993, Total No of Participants in the International E-Conference are 10,582.

2. Resource Person (Invited Lecture/Paper Presentation/ Chairing session/judging/ educational trips)

S.No	Type of Event	Name of Event	Venue	Date of Event	State your role: Convener/Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of Participant in the Program
1.	<i>SDP</i>	In-House Skill Development Programme on “An Insight into the Basic ICT Tools”	Department of Botany, Daulat Ram College, University of Delhi,	24th and 25th November, 2021	RESOURCE PERSON, DELIVERED LECTURES ON “GOOGLE DRIVE” and “GOOGLE MEET”.	2days	65

3. Faculty Development Programmes/orientation completed:

- ❖ Successfully completed One week (Online) **Interdisciplinary Faculty Development Programme** on “**Wildlife Conservation and Management**” (4 th October – 9 th October, 2021) organised by Daulat Ram College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi
- ❖ Successfully completed **One-Month Online National Faculty Induction Programme** organized by **Guru Angad Dev Teaching Learning Centre**, a centre under PMMMNMTT, MoE, Government of India from **25th February to 27th March, 2023**.
- ❖ Successfully completed **National One-Week Online FDP/Certificate Course on "MOOCs and e-Content Development"**, **29 April to 05 May 2023**.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- ❖ **Received the Best Poster Award (EEF-235)** in the Energy and Environment category “International Conference on Emerging Trends in Biotechnology” ICETB 2014 & XI Convention of The Biotech Research Society, India held in New Delhi, November 6-9, 2014.
- ❖ **Received III position** in the technical session 10 of Oral Paper Presentation entitled, “**Recent developments in Phytoremediation-inclusive advanced** wastewater treatment technologies” during World Environment Summit 2021 held on 1-3 October, 2021 by Environment and Social Development Association (ESDA) Delhi.
- ❖ Received the prestigious award “**ESDA Young Scientist Award 2022**” on the basis of your remarkable contribution in the field of Waste treatment and valorization, Bioremediation, Detoxification and ESDA Society objectives, on 16th October, 2022 at Patel Chest Institute, New Delhi.

Association with Professional Bodies

- ❖ Life time member of the Biotech Research Society of India since 27/10/2014 (LM1541).
- ❖ **Life time member** of the Environment and Social Development Association (ESDA) since September, 2021 (L-521).

Other Activities