

PERSONAL PROFILE

DR DILIP KUMAR RATHORE

Vidwan-ID: 424183



**Associate Professor
Department of Botany
Government College, Bundi
Bundi-323 001 (Rajasthan)
INDIA**

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Educational qualifications	Ph. D.
Date of birth	July 17, 1979
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My Google site	https://sites.google.com/view/dilip-rathore/home
Vidwan Profile	https://vidwan.inflibnet.ac.in/profile/424183

TEACHING EXPERIENCE:

➤	Undergraduate and postgraduate courses since 11-09-2008.
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RESEARCH FIELD:

➤	Phycology and Fresh Water Ecology
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NOW WORKING AS:

➤	SLQAC Assessor: Nominated member & Assessor of SLQAC, Commissionerate College Education, Rajasthan
➤	Convenor: Online Admission of BSc Part-I in Session 2023-24.
➤	District Coordinator: Microbiologists Society, India
➤	Nodal Officer: E-Class, Skill Hub, Incubation Cell, MMYKY 1.0 & 2.0, College Website
➤	Coordinator and Mentor-Teacher: Incubation Cell, Government College, Bundi
➤	Coordinator: Resource Assistance & College with Excellence (RACE)
➤	Counsellor: MSc Botany, Vardhman Mahaveer Open University, Kota (Raj)

➤	Committee Member: <ul style="list-style-type: none"> ❖ Internal Quality Assurance Committee (IQAC) ❖ Innovation & Skill Development Cell ❖ ICT, Website & AISHE Committee ❖ Annual Auding Committee (AAP) ❖ GeM Committee (Buyer) ❖ Help Desk Committee
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RESEARCH SCHOLARS UNDER SUPERVISION:

S. No.	Name of the Scholar	Title of PhD	Status
1.	Ruchi Sagar	Study of Algal Diversity and Water Quality Index of Mangli River and its Catchment Area	Working
2.	Diksha	Seasonal Variation and Eutrophication based Study on the Chlorophyceae of Naval Sagar Lake of Bundi City	Working
3.	Afseen	Studies on Diversity and Distribution of Green Algae of Hindoli Tehsil, Bundi (Rajasthan)	Working
4.	Shakeel Ahamad	Limnological Assessment of Chauth ka Barwara Tehsil, District Sawai Madhopur: The Distribution, Periodicity and Seasonal Abundance of Chlorophyceae	Working

DEVELOPED e-CONTENT (Link as below):

➤	https://bit.ly/30jXFsv
➤	https://bit.ly/3vnYLiA
➤	https://bit.ly/3aIGdji

PUBLICATION:

➤	Tyagi, S. and Rathore, D.K. 2005. Role of Green Algal Species (<i>Chlorococcum infusionum</i>) in Water Self-purification Processes in The Lakes of Udaipur City, Rajasthan (India). <i>ISCON</i> , BHU. Vol (10): 25-28.
➤	Rathore, D.K. , Sharma, P., Barupal, G., Tyagi, S. and Sonie, K. C. 2006. "Analysis of physico-chemical characteristics to study the water quality index, algal blooms and eutrophic conditions of lakes of Udaipur city, Rajasthan" <i>Indian J. of Env. and Eco. Vol. 12 (1): 223-230.</i>
➤	Rathore, D.K. , Sharma, P., Chandel, P.K. and Tyagi, S. 2006. Assessment of degradation potential of linear alkyl benzene sulphonate by <i>Anabaena doliolum</i> . <i>Indian J. Environment and Eco. 12 (2): 399-403.</i>

➤	Praveen K. Chandel, Dilip K. Rathore and Krishna Chandra Sonie. 2006. Silver toxicity to <i>Anabaena doliolum</i> Bhardwaja. <i>Indian J. Environment and Ecopl.</i> 12 (3): 2 783-787.
➤	Punja Ram Enkeshwer, Sandhya Tyagi and Dilip Kumar Rathore 2010. Effects of certain growth regulators on propagation of <i>Stevia rebaudiana</i> Bert. By stem cutting. <i>Life Sciences Bulletin</i> , 7 (1): 13-16.
➤	Rathore, D.K. 2010. Effects of Linear Alkyl Benzene Sulphonate on Physiology of <i>Nostoc muscorum</i> ex Born et Flah. <i>National Journal of Life Sciences</i> , 7 (1): 21-22.
➤	Bamniya, B.R., Sharma, P. and Rathore, D.K. 2011. Toxicity of Mercury Chloride on Three Nitrogen-fixing Cyanobacteria. <i>Life Sciences Bulletin</i> , 8 (11): 21-24.
➤	Rathore, D. K. 2012. Studies on Variations in Physico-chemical Characteristics of Jait Sagar Lake Bundi City (Raj). <i>Life Sciences Bulletin</i> , 9 (1): 142-144.
➤	Dilip Kumar Rathore , Preeti Sharma and Harish Kumar Sumeria 2014. Studies on the Periodicity of Chlorophyceae of Jait Sagar Lake, Bundi (Rajasthan) <i>South Asian J Exp Biol</i> ; 4 (5): 232-239.
➤	Dilip Kumar Rathore and Preeti Sharma 2014. Studies on Blue Green Algae of Jait Sagar Lake, Bundi (Rajasthan) <i>Asian Resonance</i> 3(IV):56-58.
➤	Dilip Kumar Rathore and Preeti Sharma 2016. Diatoms: An Observation of Jait Sagar Lake Bundi (Rajasthan) <i>Shodshree</i> 3 (20):106-108.
➤	Rohini Maheshwari and Dilip Kumar Rathore 2017. Use of a New, Innovative and Eco-Friendly Control Method for the Control of Blast Disease of Paddy (<i>Oryzae sativa</i> L) <i>International J. of Advanced Technology in Engineering and Science</i> 1(3): 477-480.
➤	Preeti Sharma and Dilip Kumar Rathore 2018. Toxicity of Arsenic on Nitrogen-fixing Cyanobacteria <i>Journal of Algal Biomass Utilization</i> 9 (1): 68-71.
➤	Dilip Kumar Rathore and Preeti Sharma 2019. Effects of Linear Alkyl Benzene Sulphonate on Various Growth Parameters of <i>Anabaena Doliolum</i> Bhardwaja. Conference Proceeding ICRTESSM-19 (ISBN: 978-93-87793-71-2)
➤	Dilip Kumar Rathore , Diksha and Ruchi Sagar 2020 Algal diversity of Khade Ganesh ji temple pond, Kota (Rajasthan). <i>National Journal of Life Sciences</i> , Vol. 17(2) June 2020: 97-100.
➤	Rajendra Prasad and Dilip Kumar Rathore 2021. Sacred Groves of Hadoti Region: A Case Study of Tehsil Hindoli, District Bundi, Rajasthan. <i>IJRSET</i> 10 (6): 7355-7357.
➤	Preeti Sharma and Dilip Kumar Rathore 2022. Studies on the Effects of Potassium Ion on <i>Nostoc Muscorum</i> <i>IJRST</i> Vol. No. 12, Issue No. III, Jul-Sep e-ISSN: 2249-0604 Pp1-4.
➤	Preeti Sharma and Dilip Kumar Rathore 2022. Effects of Heavy Metals on Cyanobacteria. <i>IJMRSETM</i> Volume 9, Issue 10. e-ISSN: 2395 – 7639. Pp 2433-39.
➤	Preeti Sharma and Dilip Kumar Rathore 2022. Role of Green Algae on Water Self – Purification Process. <i>IJMRSETM</i> Volume 9, Issue 10. e-ISSN: 2395 – 7639. Pp 2421-32.
➤	Rajendra Prasad, Dilip Kumar Sharma and Dilip K Rathore 2022. A Study on Angiospermic Diversity of Vardhman Mahaveer Open University Campus, Kota (Rajasthan). Published in <i>The Jour Pl Sci Res</i> 38 (2): 835–845. {ISSN : 0970-2539

	e-ISSN : 0976-3880}
➤	Diksha and Dilip Kumar Rathore 2023. Study of Water Quality Parameters: The Naval Sagar Lake of Bundi City (Rajasthan) <i>International Journal of Research and Analytical Reviews</i> 10 (3):101-109. {E-ISSN 2348-1269, P- ISSN 2349-5138.
➤	Diksha and Dilip Kumar Rathore 2023. Study of Freshwater Algal Species (<i>Scenedesmus</i> Meyen) from Naval Sagar Lake of Bundi City (Rajasthan), India <i>National Journal of Life Sciences</i> 20 (1&2): 05-08.

BOOKS/CHEPTER IN BOOKS:

➤	Tyagi, S., Rathore, D.K. and Barupal, G.K. 2006. Studies on Phytoplanktonic Diversity of Garisar Tank, Jaisalmer (India). Published in Biodiversity for Sustainable Development , Pp: 143-148. {ISSN: 0972-995X (Print), 23217960 (Online).
➤	Rathore, D.K. , Preeti Sharma, Preveen Kumar Chandel, Sandhya Tyagi and Krishna Chandra Soni 2012. Studies on Biodegradation Potential of Linear Alkyl Benzene Sulphonate by <i>Nostoc muscorum</i> ex Born et Flah. Published in Algal Biotechnology and Environment , Pp 167-174. I. K. International Publishing House Pvt. Ltd. New Delhi (ISBN: 978-93-81141-71-7).
➤	Dilip Kumar Rathore and Preeti Sharma 2020. Effects of Certain Metals on Nitrogen-Fixing Cyanobacteria. Published in Dimensions of Human-Environment Relationship , Raj Publishing House Jaipur Pp: 114-124. (ISBN: 978-93-88997-17-1)
➤	Dilip Kumar Rathore 2020. Algal Flora of Jait Sagar Lake, Bundi (Diversity, Periodicity and Eutrophication) Raj Publishing House Jaipur . ISBN: 978-93-88997-19-5
➤	Dilip Kumar Rathore 2022. पर्यावरण, मानव स्वास्थ्य एवं जन-जागरूकता, Raj Publishing House Jaipur . ISBN: 978-93-91777-64-7. Pp 87-91.
➤	Dilip Kumar Rathore & Rajendra Prasad 2023. आर्थिक वनस्पति विज्ञान, Rajasthan Hindi Granth Academy, Jaipur . ISBN: 978-93-94685-35-2

EDITOR IN:

➤	Society of Life Sciences e-Newsletter 2018.
➤	Society of Life Sciences e-Newsletter 2019

INTERNATIONAL CONFERENCES ATTENDED:

➤	International Conference on Applied Phycology “Algae in Biotechnology and Environment” 14-15 February 2006. Department of Botany, University of Delhi, India.
➤	International Conference on “Innovative Research in Science, Technology and Management” held on 22-23 January 2017 at Modi Institute of Management and

	Technology, Kota, Rajasthan (India).
➤	International Conference on “Innovation and Strategies in Transdiscipline to Face the Integrated Development and Environmental Challenges- ICISTIDEC-2018” held on 09-10 March, 2018 at RR Govt Autonomous College, Alwar, Rajasthan (India).
➤	“14th International conference on Recent Trends in Engineering, Applied Science and Management” held on Feb 2019 at Vedanta Engineering College Bundi Road, Kota, Rajasthan (India).
➤	International Conference on “An International Conference on Emerging Challenges, Their Solutions and Recent Advances in Sciences” held on 4-5 Oct 2019 at Govt Science College Sikar, Rajasthan (India)
➤	International Conference on “Recent Advances in Life Sciences for Betterment of Environment and Human Health & 8th Annual Session of Society of Life Sciences” held on 14-15 Dec, 2019 at Govt Holkar (Model, Autonomous Science College, indoor (M.P.)
➤	International E-Conference on ‘Strategies for Environment and Biodiversity Conservation’ held on November 24, 2020 and organized by Department of Botany, Government College, Kota (Raj).
➤	International e-conference on ‘Management of Forest and Wildlife Under changing Climate Scenario’ held on 19-20 November, 2020 and organized by JDB Govt Girls College, Kota (Raj).
➤	International e-conference on ‘Searching Identities: Exploring Global Perceptions on Women Empowerment in 21th Century’ held on 3-4 Jan, 2022 and organized by Savitribai Phule Organisation and St Wilfred College Jaipur (Rajasthan).
➤	International Conference on “Recent Advances in Research and Innovations in Life Sciences” held on 17-19 Nov, 2022 at Mata Gujri Mahila Mahavidyalaya (Autonomous) Jabalpur (MP).
➤	International Conference on “Environment and Society” held on 23-24 Dec, 2022 at Dept. of Environmental Sciences, Jiwaji University, Gwalior (MP).
➤	International Conference on “Emerging Challenges, their Solutions and Recent Advances in Science and Technology” held on 13-14 th Jan, 2023 at Sobhasaria College, Sikar (Raj).

NATIONAL CONFERENCES ATTENDED:

➤	7 th Annual Conference of “Society of Science and Environment” Department of Zoology, Mohanlal Sukhadia University, Udaipur-313001 (Rajasthan) 17 to 18 September 2005.
➤	XXXIX All India Botanical Conference and National Symposium on “Emerging Trends in Plant Biology, Environment Protection and Biotechnology” Deptt. of Botany, Mohanlal Sukhadia University, Udaipur 313001 (Rajasthan) Oct 9-11, 2006.
➤	National Conference “HARMONY 2014” on ‘Harmony with Nature in 4 Context of Environment Issues and Challenges of the 21th Century’ Faculty of Earth Sciences, Mohanlal Sukhadia University Udaipur, Rajasthan. 28-30 November, 2014.

➤	XXXVIII All India Conference of The Indian Botanical Society and National Symposium on 'Emerging Trends in Plant Sciences' Department of Botany, University of Rajasthan, Jaipur 26 to 28th October 2015.
➤	National Conference on Recent Advances in Biological Sciences, Biotechnology and Sustainable Development "RABBSD-2016" Department of Botany & Department of Biotechnology, Mohanlal Sukhadia University Udaipur, Rajasthan 18-19 March, 2016.
➤	National Conference on Environmental Challenges, Human Health and Society, University Maharaja College and ISLS, Jaipur, (Rajasthan) 8-10 September, 2016.
➤	37th Annual Conference of Rajasthan Economic Association on "Sustainable Development and Inclusive Growth: Prospects and Challenges" held on 27-28 January 2017 at Department of Social Sciences, University of Kota, Kota (Rajasthan).
➤	47th National Conference of Rajasthan Geography Association on "Sustainable Desert Tourism and Environment: Perspective and Challenges" held on 13-15 Sept 2019 at Department of Geography, S.B.K. Govt. College Jaisalmer, Rajasthan (India)
➤	National Conference on "Water Quality, Biodiversity, Global Environmental Issues and Solutions" held on 22 March, 2022 and organized by Department of Science & Technology, Rajasthan & Eco club, Samrat Prithviraj Chauhan Government College, Ajmer

SEMINAR ATTENDED:

➤	All India Seminar on "Advances in Botanical, Biotechnological and Microbiological Researches in India during last decade (1996-2006)" University of Bikaner and M.N. Institute of Applied Sciences, Bikaner 26th -28th December, 2006.
➤	Oral paper presentation in Interdisciplinary Seminar on "Studies on the Periodicity of Algal Biodiversity, Eutrophication and Algal Blooms of Jet Sagar Lake of Bundi District" Organized by Centre for Excellence, Government P.G. College, Bundi (Rajasthan) 14 September, 2011.
➤	National Seminar on "Chishti Order of Sufism and Indian Culture" MDS University, Ajmer (Rajasthan) 25 July, 2013.
➤	Interdisciplinary Seminar Organized by Centre for Excellence, Government P.G. College, Bundi (Rajasthan) 18 December, 2014.
➤	National Seminar on 'Advances in Natural Science for Indigenous Development in India' Department of Botany, University of Rajasthan, Jaipur 30th September to 2nd October 2015.
➤	National Seminar on 'Biodiversity, Conservation and Ecotourism' organized by Department of Botany, Maharana Pratap Government PG College, Chittorgarh, Rajasthan 27-28 September 2016.
➤	National Symposium on "Global Environmental Challenges: Present Scenario" held on 21 January 2017 at Department of Botany, University of Rajasthan, Jaipur (Rajasthan).
➤	National Seminar on 'Biodiversity, Human Rights and Sustainable Development' held on 15 September 2017 at Shri Ratanlal Kanwarlal Patni Govt PG College Kishangarh (Ajmer) Rajasthan.

➤	National Seminar on 'राजस्थान में तीर्थपर्यटन का विकास: एक नीति पर प्रेक्ष' held on 30 November to 01 December 2017 at Govt Girls College Ajmer, Rajasthan.
➤	National Seminar on 'Innovative Approaches in Biosciences' organized by Kanoria PG Mahila Mahavidyalaya, Jaipur 15-16 December 2017.
➤	International Virtual Seminar on "Impact Assessment of COVID-19 on Global Tourism" on 10th June 2020 organized by Department of Geography Government Lohia College Churu, Rajasthan (India).
➤	International Virtual Seminar on "Corona Pandemic, Dislocation and Livelihood Challenges: Multilevel Perspectives on Concerns and Coping Strategies" on 04th June 2020 organized by Department of Geography Government Arts College, Sikar, Rajasthan (India).

WORKSHOP/TRAINING PROGRAMS ATTENDED:

➤	Attended Faculty Development Program held on 13-14 Aug, 2018 Organized in the Association with Commissionerate of College Education, Government of Rajasthan by Bodh Shiksha Samiti, Kookas Jaipur, Rajasthan.
➤	Attended Microsoft Office Specialist (MOS) Training held on 22-26 Oct, 2018 Organized at JDB Government Girls College Kota, Kota (Rajasthan).
➤	Attended Workshop cum Seminar "Mentoring The Mentors" held on 17-18 September, 2018 Organized in Association with Commissionerate of College Education, Government of Rajasthan by Jaipuria Institute of Management of Jaipur, Rajasthan.
➤	Attended Training on "IT Enable & Capacity Enhancement (Cyber Security)" conducted at Center for Electronic Governance, Jaipur on 14.09.2018.
➤	Attended Teacher Training Workshop on "E-learning: Challenges and Opportunities" on 19th April 2017 at HCM, RIPA Jaipur (Rajasthan).
➤	Attended workshop and delivered a lecture on "INTERNATION YOGA DAY-2017" as an expert at Government Aurvedic Hospital Bundi (Rajasthan) 21 June 2017.
➤	Participated in the Libre Office Suite Impress training organized at Government College Bundi, on 29th January 2017 sponsored by Spoken Tutorial Project, IIT Bombay.
➤	Attended Workshop Organized by Directorate College Education, Jaipur and Spoken Tutorial, IIT Mumbai at Government College Kota on 7 January, 2014.
➤	One week National online FDP on "ICT Tools for Effective Teaching Learning" attended from 27 April to 2nd May, 2020 organized by Swami Ramanand Teerth Marathwada University, Nanded (Maharashtra).
➤	Two week FDP on "Managing Online Classes and Co-creating Moocs:2.0" from 6 May 18-June 03, 2020 organized by Ramanujan College, University of Delhi (TLC), Sponsored by MHRD-PMMMNTT.
➤	Participated in Four days Online Training Program for econtent development by DECU-ISRO from 21-24 Feb, 2022.

➤	Participated in Online Training Program as District Coordinator in istart program organized by DoIT, Govt of Rajasthan from 4 Feb to 13 April, 2022. (Total 06 Days)
➤	Participated in Training Course on Organizing Online Training Courses organized by HCM Rajasthan State Institute of Public Administration, Jaipur on 30 July, 2020.
➤	FDP on Virtual Platform on Teaching & Learning (VPTL) organized by IIIT, Kota (Aug 27-28, 2020)
➤	Mid Career Training Program organized by HCM Rajasthan State Institute of Public Administration, Jaipur on 25-29 Oct, 2021.
➤	UGC Approved Short-Term Professional Development Programme under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Professional Development Programme on ‘Implementation of NEP-2020 for University and College Teachers’ held from 21-29 September 2022 by IGNOU, New Delhi.
➤	Participated in National Workshop “Achieving Goals in Higher Education” organized by LBS Govt College Kotputli, Rajasthan on 28/11/2023 .

CONFERENCE/SEMINAR/WORKSHOP/FDP/TRAINING PROGRAM ORGANIZED:

➤	संभाग स्तरीय कार्यशाला 29 सितम्बर 2018—आयोजन सचिव
➤	बायोडाटा एवं साक्षात्कार कार्यशाला—सह समन्वयक
➤	शिक्षक संवाद कार्यशाला—सह समन्वयक
➤	एक दिवसीय सेमीनार का कन्या महाविद्यालय बून्दी में आयोजन—सहसमन्वयक
➤	National Conference ‘RTESGP-2019’- <i>Organizing Secretary</i>
➤	Offline FDP of Government College Teachers on 4-5 Nov, 2019.
➤	Online FDP of Government College Teachers on “E-content: Development and Delivery” dated 2020.
➤	Short Term Training Program Gyan Ganga Program in History from 12 to 16 Jan, 2020.
➤	Short Term Training Program Gyan Ganga Program in Botany from 16 to 20 Feb, 2020.
➤	Organized Two Days District Level Science Literature Festival by Department of Science & Technology, Government of Rajasthan & Govt College Bundi in 2022.

➤	Organized International Workshop and Symposium on Green Chemistry & Technology (IWSGCT-22) from 22-24 Dec, 2022 by PG Dept. of Chemistry, Govt. Dungar College, Bundi (Raj) and worked in Technical Committee .
➤	Organized International Conference ‘SCITECHCON-2023’ titled “Emerging Challenges, their Solutions and Recent Advances in Science and Technology” held on 13-14 th Jan, 2023 at Sobhasaria College, Sikar (Raj) as Associate Organizing Secretary .
➤	Organized Online Summer Camp 2023 collaboration with Rubicon Pvt Ltd, Pune.

ORGANIZED WEBINAR OR ONLINE PROGRAMS/WORKSHOPS:

➤	Prospects of Teaching and Learning Processes in Higher Education: Post Covid-19 Scenario on 21.06.2020
➤	Sustainable Utilizations of Herbal Resources: Conservation & Challenges on 02.09.2020
➤	Webinar organized on “ Placement process in ICICI bank ” on 20.10.2020
➤	आधुनिक भारत के निर्माता एवं पंचशील सिद्धान्त: दिनांक 13.11.2020
➤	संविधान एवं राष्ट्रनिर्माण में युवाओं की भूमिका दिनांक 06.12.2020
➤	उच्च शिक्षा में अध्ययन एवं करियर निर्माण योजना पर वेबीनार का जेसीआई क्लब बून्दी के संयुक्त तत्वावधान में आयोजन। दिनांक 12.01.2021
➤	Online Essay Competition: प्रकृति का संरक्षण– मानव अस्तित्व का संरक्षण। दिनांक 05.06.2021
➤	National Webinar on World Environment Day: प्रकृति की ओर 05.06.2021
➤	Online International YOGA DAY: राजकीय महाविद्यालय चित्तौड़गढ़ के साथ संयुक्त तत्वावधान में आयोजित। 21.06.2021
➤	District Level Online Quiz: भारतीय स्वतंत्रता संग्राम–अतीत के झरोखे से। दिनांक 13.08.2021
➤	One Day IPR Awareness Workshop-2021 collaboration with DST, Government of Rajasthan on 25.01.2021.
➤	Organized ‘ District Level Science Literature Festival-2022 ’ collaboration with DST, Govt of Rajasthan as Coordinator.
➤	Organized ‘ National Science Day Celebration-2023 ’ collaboration with DST, Govt of Rajasthan as Coordinator.
➤	Worked as Coordinator in ‘ 21st National Level Microbiolympiad ’ for UG Life Sciences Students at Bundi District organized by Government Institute of Science, Aurangabad (India) on 20 th Feb, 2023.
➤	Worked as Coordinator in International webinar entitled ‘ Career Opportunities in Higher Education: Industry-Academia Interface ’ on 03.02.2024.

ORGANIZED SKILL DEVELOPMENT PROGRAMS:

➤	Organized Soft Skill Development Program 2023 (30 Hrs).
➤	Established SKILL HUB and organized two skill courses i.e. Yoga Instructor (300 Hrs) and Associate Data Entry Operator (210 Hrs) under PMKVY 4.0 during 2023-24.
➤	Online Spoken English & Communication Skill Development Course (50 Hrs) organized from 12 Oct, 2020 to 20 Nov, 2020.
➤	Online Basic IT Skill Development Course (90 Hrs) organized from 27 Jan, 2021 to 27 Mar, 2021.
➤	Hair Style & Beauty Therapy Skill Course under MMYKY Scheme, Govt of Rajasthan 2019-20 to 2021-22.
➤	Office Management Skill Course under MMYKY Scheme, Govt of Rajasthan 2019-20 to 2021-22
➤	Microsoft Office Specialist Training Program for the student in 2018.
➤	Libre Office Training Program for the students with collaborate Spoken Tutorial-IIT Bombay in 2017-18.
➤	Cell Designer Training Program for the students with collaborate Spoken Tutorial-IIT Bombay in 2017-18.

MINOR RESEARCH PROJECT: COMPLETED

➤	TITLE: Studies on the Periodicity of Algal Biodiversity, Eutrophication and Algal blooms of Jet Sagar Lake of Bundi District, Rajasthan From 30.05.2009 to 30.11.2010
	<u>OUTCOMES:</u>
➤	Jait Sagar Lake is highly eutrophicated and highly polluted, as indicated by algal blooms formation and poor water quality.
➤	Some algal species also play a role as indicator of water pollution.
➤	The eutrophication problem can be solved reducing the external load of nutrients or directly manipulating the lake. Some of the symptoms include excessive growths of 8 algae and aquatic macrophytes (Nelumbo).
➤	WQI of the Jait Sagar Lake showed that water is very poor and unsuitable for drinking purposes.
➤	The studied lake is rich in algal diversity especially containing members belonging to Chlorophyceae, Cyanophyceae and Bacillariophyceae.
➤	It can be said that the mechanism of seasonal changes and periodicity of algae can be based upon physical, chemical and biological environmental factors of Jait Sagar lake. The distribution of algae in the lake is regulated mainly by temperature and nutrients specially nitrate and phosphate

MEMBERSHIP OF THE PROFESSIONAL BODIES:

➤	Life Membership of “International Society for Conservation on Natural Resources”, BHU (Varanasi), 2010.
➤	Life Membership of “National Journal of Life Sciences” SATNA (M.P.), 2010.
➤	Life Member of ‘Microbiologists Society, India’ (MS/LM/996)
➤	Life Member of Asian Biological Research Foundation, Prayagraj 2022.
➤	Fellow Member of International Institute of Organized Research (I2OR) 2023.
➤	Life Member of Indian Human Ecology Council 2023

DOCTORAL DEGREE:

➤	Title of the thesis: “Studies on Mineralization of Linear Alkylbenzene Sulfonate by Certain Algae with Special Reference to Eutrophication, Algal Blooms and Water Self-purification”. Year of the award of degree: 2007 Name of the university: Mohanlal Sukhadia University, Udaipur
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AWARD FELLOW OF THE SOCIETY:

➤	The society of life sciences has awarded me Fellowship of the Society of Life Sciences (FSLSc) on 25th Dec, 2009 for contributions in the field of Life Sciences.
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‘E-GOVERNANCE RAJASTHAN AWARD-2017-18’

➤	Awarded as ‘e-Gov Rajasthan Award 2017-18’ by Honorable Chief Minister, Government of Rajasthan.
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‘SLS Recognition AWARD-2019’

➤	Awarded as ‘SLS Recognition Award 2019’ in 8 th Annual Session of Society of Life Sciences” held on December, 2019 at Govt Holkar (Model, Autonomous Science College, indoor (M.P.).
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‘शिक्षक सम्मान राज्यस्तरीय पुरस्कार 2020’

➤	Awarded as ‘शिक्षक सम्मान राज्यस्तरीय पुरस्कार 2020’ by Department of College Education Rajasthan, Government of Rajasthan on 24.02.2021
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‘BEST TEACHER AWARD for BOTANICAL INNOVATIONS-2022’:

➤	Awarded as ‘Best Teacher Award for Botanical Innovations’ by Asian Biological Research Foundation, Prayagraj in 4 th International Conference on Environment and Society (ICES 2022) held on 23-24 Dec, 2022 at Jiwaji University, Gwalior (M.P.).
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‘STATE LEVE SENIOR TEACHER AWARD 2023’:

➤	Awarded as ‘Senior Teacher Award 2023’ by Microbiologists Society, India
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ACHIEVEMENT IN INCUBATION CELL AS MENTORSHIP:

➤	Total 27 innovative ideas has been submitted by the mentees in iStart Program of DoIT, GoR.
➤	Students won All prizes at Kota Division in istart Program (Division Level, District Level & Rural Level) by Department of Information Technology, Government of Rajasthan.

MENTORSHIP:

➤	Working as Mentor Teacher in Incubation Cell (Dept. of IT, Govt of Rajasthan), Government College Bundi since 2021.
➤	Worked as Mentor Teacher in iStart Program of DoIT, Govt. of Rajasthan and submitted more than 28 innovative ideas by the student of Bundi District.
➤	Won all the Prizes (Division, District & Rural Level) under iStart Program by the Incubation Cell, GC Bundi.
➤	Appreciated by Dept. of IT, Government of Rajasthan in 2022.

INVITED LECTURES:

➤	Invited for Lecture in 8 th Annual Session of Society of Life Sciences” held on December, 2019 at Govt Holkar (Model, Autonomous Science College, indor (M.P.).
➤	Invited as subject expert and delivered online lecture in National Webinar on ‘COVID 19 : PREVENTION AND ITS FUTURE PERSPECTIVES’ organized by Government Autonomous PG College Chhindwada (MP) dated 26 to 28 May 2020.
➤	Invited lecture as panelist in National Webinar on ‘How to develop e-content? Distance teaching with IT enabled services organized by Government Arts College Sikar (Rajasthan) dated 11 July, 2020.
➤	Invited Lecture in State Level Workshop cum Training Program Titled ‘e-Content: Development & Delivery’ on the topic ‘e-content Development using Android’ organized by Commissionerate College Education Rajasthan and Government College Bundi (Rajasthan) (10-11 August 2020).

➤	Invited Lecture in State Level Workshop cum Training Program Titled ‘e-Content: Development & Delivery’ on the topic ‘Video editing & Compressing’ organized by Commissionerate College Education Rajasthan and Government College Bundi (Rajasthan) (10-11 August 2020).
➤	Gyan Ganga Program Sanskrit: Govt Arts College Kota (19.01.2021)
➤	Gyan Ganga Program Botany: Govt Dungar College Bikaner
➤	Gyan Ganga Program Botany: Govt Girls College Sri Ganga Nagar
➤	Gyan Ganga Program Botany: Govt RR College Alwar (22.01.2021)
➤	NCC HQ Jaipur: Atmanirbhar Bharat
➤	Agra College: NEP 2020 (13.07.2020)
➤	Lecture delivered in National e-seminar on IPR organized by Government College, Kota (Rajasthan) (21.11.2020)
➤	Government PG Girls college Ujjain: On E-content Development
➤	Lecture delivered in Training cum workshop under Gyan Sudha & Gyan Doot Program organized by Commissionerate College Education Rajasthan on ‘How to record video on Zoom Platform’ (28.06.2021)
➤	Maheshwari Girls PG College Jaipur: Scope of Botany (11.07.2021)
➤	Lecture delivered on ‘e-Waste Management’ in Training Program of Girijan Swaichhik Sansthan, Singhadi, Tah- Hindoli Bundi (15.07.2021)
➤	Lecture delivered in Gyandoot 2.0 Program on ‘Video Recording using Android Phone’ organized by Commissionerate College Education Rajasthan (24.01.2022)
➤	Lecture delivered in Gyandoot 2.0 Program on ‘Video Recording using People Link Software and Zoom (Smart Class Recording)’ organized by Commissionerate College Education Rajasthan (24.01.2022)
➤	Lecture delivered in Gyandoot 2.0 Program on ‘Post Recording Editing (Android Phone)’ organized by Commissionerate College Education Rajasthan (25.01.2022)
➤	Four Lectures delivered in Basic IT Skill Development Course on ‘Online Learning Tools’ from 16.03.2021 to 20.03.2021 organized by Government College, Bundi.
➤	Two Lectures delivered in Orientation program of faculty in school education under SMSA from 07-08.01.2022.
➤	Invited Lecture delivered in International Conference on “ Recent Advances in Research and Innovations in Life Sciences ” held on 17-19 Nov, 2022 at Mata Gajri Mahila Mahavidyalaya (Autonomous) Jabalpur (MP).
➤	Invited lecture delivered in National Webinar on “ Biodiversity and It’s Conservation ” on 21 Aug 2023 at Swami Vivekanand Govt. PG College Narsinghpur (MP)

➤	Invited lecture delivered in Interactive Knowledge Sharing session on “Sustainable Development” for the students of KV Deoli (Rajasthan) under PM-SHRI scheme on 19.10.2023.
➤	Invited lecture delivered in Government College Hindoli, Bundi on the occasion of Constitution Day on 23.11.2023.
➤	Worked as Resource person during Four One Day Online training workshop on “IIQA and SSR Preparation” organized by State Level Quality Assurance Cell (SLQAC), State Project Directorate (RUSA), Govt. of Rajasthan from 31 to 3rd Nov. 2023.
➤	Worked as Resource person in Divisional Level Workshop on “NAAC Mentoring Programme” organized by JDB Government College, Kota (Rajasthan) on 15.01.2024.
➤	Invited lecture delivered in Government Girls Sr Sec School Bundi titled ‘ICT based Teaching-Learning Tools’ on 12.02.2024.
➤	Worked as Resource person during Two One Day Online training workshop on “Key Points for SSR Preparation & DVV” organized by State Level Quality Assurance Cell (SLQAC), State Project Directorate (RUSA), Govt. of Rajasthan from 14-15th Mar 2024.

MEMBER OF STATE LEVEL COMMITTEES/PROGRAMS/REPRESENTATION:

➤	Committee Member of Annual Auditing Program (Budget Announcement of Govt of Rajasthan) College Education Rajasthan, Jaipur from 2018 to 2022.
➤	Worked as Coordinator in Gyan Sudha Program (Offline & Online Live Sessions) of College Education Rajasthan, Jaipur during Covid-19 (2021).
➤	Gyan Doot Program (Live Classes during Covid-19) of College Education Rajasthan, Jaipur in 2021.
➤	MOOCs Courses Launching Program of IIITs Kota and College Education Rajasthan, Jaipur 2021.
➤	Online Video Training Program of Resource Persons of Gyan Doot & Gyan Sudha Program by College Education Rajasthan, Jaipur 2021.
➤	Inspection of Government College Dholpur (Rajasthan) under Annual Auditing Program during Session 2019.
➤	Inspection of Government College Rajsamnad (Rajasthan) under Annual Auditing Program during Session 2019.
➤	Inspection of JDB Government Girls College Kota (Rajasthan) under Annual Auditing Program during Session 2021.
➤	Member of ISMILE Committee of College Education Rajasthan, Jaipur (Raj) 2021.
➤	Committee Member of Lab Learning Program, College Education Rajasthan, Jaipur (Raj)
➤	Subject expert in Gyandoot 2.0 of College Education Rajasthan, Jaipur (Raj) 2022.

➤	Technical Expert in Gyandoot Program (Special Online Teaching Program during Covid-19 for the students) of College Education Rajasthan, Jaipur (Raj) 2021.
➤	Technical Expert in Gyandoot (First Phase) of Govt. Dungar College, Bikaner, Govt Law College Bikaner & Govt College, Tonk (Raj) 2021.
➤	Syllabus selection & Program design for online Short-Term Online Training Program of Lab Assistant in Govt. Colleges (2021)
➤	Worked as Resource Person & technical expert for the organized Online Workshop for the faculty members of all Government Colleges of Rajasthan organized by College Education Rajasthan, Jaipur (Raj). (2021)
➤	Worked as Google form expert in Quizthon (Competitive Exams for the students) organized by College Education Rajasthan, Jaipur & DoIT, Jaipur (2021).
➤	Worked as State Level Committee member in Annual Auditing Program (Budget Announcement, Govt of Rajasthan) to revise format of College education Rajasthan. (2023).
➤	Worked as State Level Committee member in NAAC portal creation (Budget Announcement, Govt of Rajasthan) of RUSA project, College education Rajasthan. (2023).

MEMBER OF EDITORIAL BOARD:

➤	Editorial Board member in International E-Conference on 'IWSEEIC 2020' dated June 13-14, 2020.
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CHAired A SESSION:

➤	Chaired a Technical Session of Botany in International Conference and 8 th Annual Session of Society of Life Sciences" held on December, 2019 at Govt Holkar (Model, Autonomous Science College, Indor (M.P.).
➤	Chaired a Technical Session of Life Sciences in International Conference on "Emerging Challenges, their Solutions and Recent Advances in Science and Technology" held on 13-14 th Jan, 2023 at Sobhasaria College, Sikar (Raj).\

SOCIAL CONTRIBUTION:

➤	Organized four Blood Donation Camps and also donate blood regularly in Government College, Bundi since 2021.
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I hereby declare that all the information given above is correct to my knowledge.



(Dilip Kumar Rathore)