

Curriculum vitae



1. Name: Nirlep Kour
2. Designation: Associate Professor
3. Subject: Botany
4. Academic Qualifications: M.Sc Botany, M.Phil, SLET (Rajasthan, Haryana)
5. Areas of interest/Specialization: Microbiology. Phycology. Ecophysiology, Medicinal plants
6. Date of Birth: 25.12.1973
7. Date of Joining: 07.04.2001
8. Contact no. : 9027756481
9. Email: nirlepkaur@rgcollege.ac.in
nirlepkaur257@gmail.com
10. Areas of research: Phycology, Microbiology, Ecophysiology
11. Digital Profile, if any (Research Gate, LinkedIn, SSRN, Twitter, YouTube etc):
 - Google scholar ID -cemQ3WsAAAAJ
 - Web of Science Researcher ID-QLV-4762-2026
 - Vidwan -ID:491840
 - Orcid ID-0009-0003-4702-4210

12. Achievements:

- Ekikrat Merit scholarship from class 9th -12th during 1987-1990
- Merit Scholarship-M.Phil-1997-98
- M.Phil Botany Topper 1998
- Qualified State level Exam for Lectureship, Haryana, 1996
- Qualified State level Exam for Lectureship, Rajasthan, 1997
- Project fellow in UGC project Effect of xylanases for paper and pulp industry 1996-97
- Trainer in UP Government sponsored one month lab assistant training (2010)
- Mentoring of students for National level Environment Youth Parliament 2021-2024
- Appreciation letter from Paryavaran Sanrakshan Gatividhi (2021, 2022)

- Discovery of novel algal species with biofuel potential Published in Scopus indexed Journal (with research group of Botany Department, CCS University, Meerut.) DOI;10.21608/ejbo.2026.358447.3180
- Organised National Seminar on Herbal therapy :current status &future scenario (2019)
- Student Police Experiential learning program 3.0,for NSS volunteers.(mentored as program officer
- Subject expert for promotion committee (Asstt. Prof. Botany May 2023)

13. Fellowships & Awards:

S.No.	Name of Fellowships/Awards	Awarding Agency	Whether International/National/ State/Regional	Honorarium of Award ,if any
1.	Appreciation letter for social work in Kuti gram adopted by NSS Unit 1	Parshad,kuti gram,Shastrinagar Meerut	Regional	N/A
2.	Appreciation letter, NSS coordinator	NSS Nodal officer, CCS University Meerut	Regional	N/A

14. Membership of Professional Bodies

S.No.	Name of the Professional Body	Type of membership	Membership no.
1	Board of Studies ,CCS University ,Meerut	Member	Since September 2024
2	Promotion committee	Subject expert	2023
3	Indian Botanical Society	Lifetime membership	Since 2010
4	Pahal Ek Prayas NGO	Lifetime membership	Since 2014
5	Green planet NGO	Lifetime membership	Since 2026

15. Research Papers published:-

S.N	Title of the paper published (with Page no.)	Research Journal (with Vol.n o.)	Year	ISSN	Whether peer reviewed ,UGC listed, Impact Factor if any	Digital Link, if any
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1	<i>Coelastrella fusifera</i> sp. nov. (Chlorophyta, Scenedesmaceae): A New Microalgal Species from India	Egyptian Journal of Botany VOL 66	April 2026	ISSN: 0375-9237	Peer reviewed, Scopus indexed, impact factor 1.1	DOI;10.21608/ejbo.2026.358447.3180
2.	New addition to the aquatic cyanobacterial (Oscillatoriales) flora of Tripura, India Page: 131-166	Egyptian Journal of Aquatic Biology and Fisheries Vol 30 (1)	Jan 2026	ISSN 1110-6131	Peer reviewed, scopus indexed, UGC listed, impact factor 0.91	DOI;10.21608/EJABF.2026.449176.7149
3.	Diversity and Phylogenetic Relationships of <i>Cylindrospermum</i> Species from the Aquatic and Semi-Aquatic Habitats of Western Uttar Pradesh Pages 1575-1601	Egyptian Journal of Aquatic Biology and Fisheries Volume 29, (5)	May-June 2025	ISSN: 1110-6131 (Print) / 2536-9814 (Online)	Peer reviewed, scopus indexed, ugc listed, impact factor 0.91	DOI: 10.21608/ejabf.2025.362549.524
4.	An overview of Algal Carotenoids: Source, Applications and Biosynthesis. Pages 101-107	Egyptian Journal of Phycology Volume 26, Issue 1,	2025	Online ISSN: 2735-3826	Peer reviewed 0.5	DOI: 10.21608/egyjs.2025.378837.1046
5.	Certain rare non-heterocystous blue-green algae of Pseudanabaenaceae (oscillatoriales, cyanoprokaryote)	Plant Archives v23 .(1)	Jan 2023	eISSN 25816063	Peer reviewed NAAS rating 5.59	DOI Url : 10.51470/PLANTARCHIVES.2023.

	From polluted areas of Meerut, Uttar Pradesh, India Page: 336-342					
6.	Diversity of the Genus <i>Cosmarium</i> (Desmidiaceae) from Saharanpur, U.P. India, Page:36-43	Bulletin of Pure & Applied Sciences, Vol 42 B(1) Jan-June 2023	Jan-June, 2023	Print-ISSN0 97046 12 Online - ISSN2 32031 96	Peer reviewed UGC Care enlisted	DOI:10.48165/bpas.2023.42 B.1.6
7.	Allelopathic response of certain cyanoprokaryotes to <i>Oscillatoria subbrevis</i> Schmidle (Oscillatoriales)	Journal of Botanical Society of Bengal 77(1):38-41 (,2023)	June 2023	ISSN 0971-2976	Peer reviewed UGC CARE enlisted NAAS Score 3.02	
8.	Diversity and Morphotaxonomy of the genus <i>Scytonema</i> : A heterocystous cyanoprokaryote from Tripura, India Page: 163-170	Indian Hydrobiological, 22(!):163-170, 2023	May 2023	0971-6548	UGC Care enlisted	
9.	<i>Andrographis paniculata</i> : A review on ethnomedicinal potential and biological activities Page: 1-6	Journal of Plant development Sciences Vol. 8(1)	2016		Peer reviewed NAAS Rating 2.35	
10.	Utility of <i>Tylophora indica</i> as anti-asthmatic plant : A review Page: 869- 873	Journal of Plant development Sciences Vol 7(12)	2015		Peer reviewed NAAS Rating 2.35	

16. Articles in Books/ Conference Proceedings Published:

S.N	Title of the Article published with page no.	Title of the Book/Conference Proceedings	Year	ISBN	Detail of the Publisher	Published by International/national/Local Publishers	Digital Link (if any)
1.	Global Warming and Climate Change: The Role of CFCs and Links to Social Issues Page: 52-58 (Book chapter)	Social Issues: Trends and Analysis	Jan 2025		Anu Books ,Meerut	National Publisher	DOI: 10.31995/Book.AB348 - O25.Chapter25
2.		Biodiversity and ecology of algae, lichens, and bryophytes (Textbook)	2025	ISBN-978-93-6962-451-5	Pragati prakashan	National publisher	

17. Details of refresher course/orientation course/workshop/Faculty Development Programme->30

S. No.	Details	Place	Period		Sponsoring/ Organising Agency
			From	To	
1.	International Conference (Hybrid Mode) on Restore the Earth;One Planet,one mission with	Meerut	05.06.2025	05.06.2025	Saksham society Rajasthan and Department of Botany,Raghunath Girls P.G.College,Meerut Member of organizing committee and presented a paper on the topic The Alchemy

	sustainable living				of Waste;Creating wealth from rubbish
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2.	UGC-FDP on NEP2020 Orientation and sensitization program NEP 2020	Online	05.03.2025	12.03.2025	UGC HRDC,J.NV.vyas university,Jodhpur
3.	Six days online workshop on Waste to Wealth Innovation under the theme Energy,Sustainability & Climate Change under the scheme Faculty Development Programme	Online mode with A+	02.12.2024	07.12.2024	NITTR Kolkata and ATAL
4.	One day National seminar on Environment crisis and developing economies	Offline	19.09.2024	19.09.2025	Vasudha ecoclub, PCS and Department of economics, Raghunath Girls P,G,College,Meerut Presented a paper on GerminatingHope;Phytoremediation and Phycoremediation

5	Two days National seminar on Climate change and natural disasters;Preparedness,mitigation and management strategies	Offline	23.11.2024	24.11.2024	ICSSR sponsored ,organised by Geography Department Meerut College,Meerut Presented a paper on Disaster Management in India;Policies and challenges
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18. Development of E-content /MOOCS:

S.No.	Portal on which uploaded	Type of e-content	Hyperlink of e-content	Numbers
1.	UPHEDigital Library	PPT & PDF		02

19. Seminar/ Workshop/ Conference Attended: >100

S.No	Detail of the Conference/ Seminar	Organizer & Sponsor	Date(s) of the event	Venue of the event	International/National/ State/ University
1.	Estimating Forest Carbon Fixes Using the Eddy covariance index, on occasion of World Rainforest day,2026	NBRI-EIACP Programme Centre CSIR-NBRI	22.06.2026	online	National
	Acting locally for Global Impact Online webinar on occasion of International Day for	CSIR-NBRI- Environmental Information Awareness ,Capacity Building& Livelyhood	22.05.2026	Online	National

	Biological Diversity 2026	Programme Centre,Lucknow			
1.	Ecological Harmony and social responsibility World Environment Day 2026	Botany Department,CCS University,Meerut	05.06.2026	online	National
2.	World Biodiversity Day 2026	Botany Department,CCS University,Meerut	22.05.2026	online	National

20. Administrative Experience:-

Nodal Officer (college) AI for all skill development course. (till date)

Program Officer,Unit 1 ,National Service Scheme

Raghunath Girls PG College Meerut (till date)

Teacher Representative-Executive Committee-03 yrs

Incharge Botany Department (1.10.2020 -7.07.2025)-05 yrs

Coordinator M.Sc Self Finance (1.10.2020 – 2.04.2024)-03 yrs

B.Sc. (Bio) admission incharge (2023-2024, 2024-2025)-02 yrs

Convener-Plant Conservation Society -03 yrs

Assistant Chief Proctor and Proctor -22 yrs

Convener- Equal opportunity cell – 3 yrs

Convener-Antiragging Committee-01 yr

Environment Nodal Officer (NEYP) -03 yrs

Member Vasudha Ecoclub-03 yrs

Member-Academic &career counselling cell- 05 yrs

Member-Library Committee-06 yrs

Member -Progressive women Forum -03 yrs

Member -Scholarship committee-01 yr

Member -Debating committee - 03 yrs

Member - B.Sc. timetable committee - 03 yrs

Member – Academic and career counselling cell – 03 yrs

Member - Sports committee – 02 yrs

CPE Incharge – Dept. of Botany – 03 yrs

21. Future plans:

To apply Research projects

Value added courses/vocational training

To develop quality open access econtents

To publish Qualitative research paper

Environment conservation and social awareness