




Govt. College Baran (Raj.)

Faculty Profile

Title	DR.	FIRST NAME	LEENTA	LAST NAME	ARORA	Photograph
DESIGNATION	LECTURER					
Address	DEPARTMENT OF BOTANY, GOVERNMENT COLLEGE, BARAN, 325205					
Phone No Office	07453-230072					
Residence	8949731936					
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Email	dr.leentaarora.gcb@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution/University				Year	
Ph. D	M.L SUKHADIA UNIVERSITY, UDAIPUR Title of thesis- studies on natural and cultural growth behaviour of certain cyanobacteria from paddy fields.				1996	
M.PHIL						
PG					1993	
UG	M.D.S UNIVERSITY, AJMER				1991	
Career Profile						
<ul style="list-style-type: none">❖ ONE YEAR PG TEACHING EXPERIENCE- 2007❖ TWENTY YEAR UG TEACHING EXPERIENCE- 2004 TO TILL DATE❖ WORKED AS JRF IN UGC MAJOR RESEARCH PROJECT FROM 1993 TO 1996❖ HONORARY MEMBER OF THE EDITORIAL BOARD OF THE IJBST JOURNAL GROUP						
Administrative Assignments						
Member of IQAC cell Member of NAAC committee Member of admission cell Member of vidhya sambal yojana Member of women cell and udan						
Areas of Interest / Specialization						
<ul style="list-style-type: none">❖ PHYCOLOGY AND PLANT PATHOLOGY						

Subjects Taught
B.SC PART –I PAPER-I B.SC PART-II PAPER-I B.SC PART-III PAPER- II
Research Guidance
THREE YEAR RESEARCH EXPERIENCE done on cyanobacterial studies with reference to herbicides, pesticides, growth regulators, growth retardants, phenolics, nutrient elements etc.
Publications Profile
<ol style="list-style-type: none"> 1. Observation on growth responses of cyanobacteria under the influence of herbicides. Pollution research. (1996) 15(4) Pg 343-351 ISSN: 0257-8050 2. Eco. Physiological & development growth behaviour of cyanobacteria in different nitrogen source. Ecol. Env. & Cons, 1996, 2 Pg. 133-141 ISSN-0970-4612 3. Effect of penicillin & streptomycin on growth & nitrogen fixation of cyanobacteria. Bulletin of pure & applied science. 1996, 15B(2) Pg. 103-120. ISSN: 0971-765 4. Physiological response of cyanobacteria under the influence of iron, Ind.J.app. & Pure biology. 1997, 12(2) Pg. 131-139 ISSN: 0970-2091, 5. Growth of cyanobacteria in presence of organic carbon source. J. phytol. Res. 1997, 10(1-2) P. 107-113. ISSN: 0970-5767 6. Photoassimilation, growth and nitrogen fixation of a heterocystous nitrogen- fixing cyanobacterium Camptylonema indium on organic Substances as carbon source. J. phytol. Res. 1997, 10(1-2): Pg125-131. ISSN: 0920-5767 7. Aluminium induced toxicity & growth response of cyanobacteria. Pollution Research. 1998, 17(1) Pg.25-31 ISSN: 0257-8.50 8. Cyanobacterial growth responses in presence of combination of ions of heavy metals. Research journal of chemistry & environment. 1998, Vol 2 Pg. 59.-62 ISSN: 0972-0626 9. Ecophysiological observations on the influence of agrochemicals on growth and metabolism of cyanobacterium Anabaena doliolum Bhardwaj Ecol. Env. and Cons. 1998, 4 (1-2) Pg 13-18 ISSN: 0971-765X 10. Cyanobacterial flora and water characteristics of paddy fields of Udaipur (India). Acta Hydrobiol. 1998, 40(1), pg. 17-24. ISSN-0065-132 X. 11. Water characteristics of zinc smelter effluent & growth responses of cyanobacteria. Research journal of chemistry & environment. 1999, Vol.3(2) Pg.63-66 ISSN: 972-0626 12. Comparative studies on the effect of pesticides on nitrogen-fixing Cyanobacteria Cylindrospermum majus Kutz. Ex Born. Et Flah. Indian J. Environ Sci. 2000, 4(1), Pg 89-96 ISSN: 0971-8958 13. Influence of some pesticides on cyanobacteria in vitro condition. Ind. J. Env. Ecoplanning. 2000, 3(2): 219 14. CYANOBACTERIA AGENTS FOR THE CONTROL OF POLLUTION, , INDIAN ECONOMY IMPACT & CHALLENGES. 2022, PAGE NO. 53 TO 57, , ISBN NO. 9788195269174 15. ROLE OF CYANOBACTERIA IN NITROGEN ECONOMY OF AGRICULTURE AND ENVIRONMENT SUSTAINABILITY, CLIMATE CHANGES, BIODIVERSITY AND ENVIRONMENT PROTECTION. 2022, PAGE NO. 71-78 ISBN NO. 97893857293 16. Cyanobacteria: A PRECIOUS BIO- RESOURCE IN AGRICULTURE, ECOSYSTEM AND ENVIRONMENTAL SUSTAINABILITY, VITAL BIOTECH PUBLICATION. 2023, PAGE NO. 125-130 ISBN: 9789392953934
Conference Organization/ Presentations (in the last three years)
<ol style="list-style-type: none"> 1. CYANOBACTERIA- A precious bioresource and biofertilizer in paddy fields. National Seminar on role of biotechnology in sustainable environment development and pollution control. 15 feb-2018 2. Water characteristics of zinc smelter effluent and growth responses of cyanobacteria Nostoc muscorum on forest, water and climate change. University of Rajasthan, Jaipur 21-March-2018 3. Role of Cyanobacteria as biofertilizer in agriculture and environment sustainability- national conference at University of Kota, Kota 14-15 April-2018 4. Awareness on research, innovation and intellectual property rights at creative girls college Gangapur city in association with DST, Kota government of Rajasthan 9-02-2019 5. ROLE OF CYANOBACTERIA IN CONTROL OF POLLUTION IN INTERNATIONAL SEMINAR ON GLOBAL ENVIRONMENTAL CHALLENGES, BIO-DIVERSITY, PRINCIPLES OF GURU JAMBHESHWAR JI AND REMEDIES, at Jai Narayan university, jodhpur JSA/IW1/PP/0485/008/03-TO 5 JUNE 2020 6. ROLE OF CYANOBACTERIA IN SUSTAINABLE DEVELOPMENT AND POLLUTION CONTROL INTERNATIONAL COFENCE ON GREEN TECHNOLOGY AND SUSTAINABLE DEVELOPMENT- at Jagannath university, jaipur2JULY2020 7. THE ROLE CYANOBACTERIA IN SUSTAINABLE ENVIRONMENTAL DEVELOPMENT AND POLLUTION CONTROL INTERNATIONAL ON CURRENT RESEARCH IN BIODIVERSITY, ENVIRONMENT AND PLANT RESOURCES- at JDB girls college, Kota NOV. 2020 8. CYANOBACTERIA- A PRECIOUS BIO-RESOURCE IN AGRICULTURE, ECOSYSTEM AND ENVIRONMENTAL SUSTAINABILITY INTERNATIONAL CONFERENCE ON EMERGING TRENDS AND ARTIFICIAL INTELLIGENCE IN PHARMACEUTICAL BIOMEDICAL SCIENCE AND TECHNOLOGY At Career point university Kota, 4 MARCH 2022

9. **Cyanobacteria: A Precious bioresource in sustainable agriculture and environment. National Seminar on current trends of research in biological science at jdb government girls college, Kota 27-28 frb-2023**
10. **Cyanobacteria: A Precious bioresource in sustainable agriculture, ecosystem and environmental sustainability on recent advances in science and technology at government college, Kota 6-7 oct, 2023**
11. **Hindi sahitye mai sanskriti samvardhan mai paryawaran ki Bhumika; National seminar at university of Kota 12 March 2024**

Research Projects (Major Grants/Research Collaboration)

WORKED IN UGC MAJOR RESEARCH PROJECT AS JRF FROM 1993 TO 1996
 project entitled – physiological changes towards adaption to Zn²⁺ in cyanobacteria

Awards and Distinctions

1. **INDIAN BESTIES AWARD- 2021 (BHAVYA FOUNDATION, Jaipur)**
2. **TEACHER EXCELLENCE AWARD- 2021(BHAVYA FOUNDATION, Jaipur)**
3. **TEACHER EXCELLENCE AWARD- 2022 (BHAVYA FOUNDATION, Jaipur)**
4. **YOUNG ACHIEVER AWARD- 2022 (CAREER POINT UNIVERSITY, Kota)**
5. **YOGYATA PRAMAN PATRA- 2023 (DISTRICT COLLECTOR, BARAN)**
6. **Honored by the Principal of government College Baran on 15-aug-2022 for pre-eminent work in Vidhya sambal yojana**
7. **Honored by the Principal of government College Baran on 15-aug-2023 for excellent work in IQAC- NAAC**
8. **Honored by the Principal of government College Baran 2022 on the occasion of International Women's Day**
9. **Honored by the Principal of government College Baran 2024 on the occasion of International Women's Day**

Association With Professional Bodies

Other Activities

1. **Short term Training Program on Recent Development of Advance Materials and its applications in Technology at. K.D.K. College of Engineering Nagpur, Date 17-22 Jun. 2020.**
2. **FDP on Development of E-Contents at Shri R.L.T. College of Science, Akola, Date 08-15 Jun. 2020.**
3. **Orientation Program teaching Learning Centre Ramanujan College, University of Delhi, in Association with Govt. of India Ministry of Human Resource Development, Date 04- jun. to 01 July 2020.**
4. **FDP Three Weeks Programs at St. Francis De Sales College, Nagpur, Date 01 Dec. To 23 Dec. 2020.**
5. **FDP on How to make Teaching Learning Process effective and outcomes based at Christian Eminent College, Indore, Date 14 jun. to 21 Jun. 2021.**
6. **FDP Titled Pelletization at Pratap University, Jaipur, Date 07 Nov. 2020.**
7. **FDP Titled Quantum Science in visible range at Pratap University, Jaipur, Date 21 Nov. 2020.**
8. **FDP on Teaching Learning techniques and Research Ethics at J.D.B. Girls College, Kota, Date 06 Feb. To 11 Feb. 2023.**
9. **Long Hands Training Program on Analytical Instrumental Techniques at J.D.B. Govt. Girls College, Kota in Association with IIT Gandhi Nagar and Department of Science and Technology Date 05 to 11 Jun. 2023.**