

Profile (Biodata) of Faculty Member

Name : Dr. Meenakshi Bharadwaj
Department : Botany
Date of Joining in the Present Job: 27th February 2015
Mode of Appointment : Recruitment Through CGPSC Examination
Present Post held : Assistant Professor



Educational Qualification. (Degrees/Diplomas/Certificates/Courses)

Graduation

B.Sc. (Biology) - 1995- Maharishi Dayanand Saraswati University, Ajmer

Post Graduation

M. Sc. (Botany)- 1997- Maharishi Dayanand Saraswati University, Ajmer

M.Phil (Botany)-1999- Maharishi Dayanand Saraswati University, Ajmer

Ph.D. (Botany)- 2016- Pt. Ravishankar Shukla University, Raipur

Diploma

Diploma in Naturopathy- (1993-1996)- Gandhi National Academy of Naturopathy, New Delhi

Additional Post/ Charges/Membership/ Committees held in the Institution/University/other University

Membership in the present institute–

- NSS Programme Officer
- Carrier Counselling & Placement Committee
- IQAC Committee
- Skill development Cell
- Alumni Committee

Membership in other institute/University

Member of Board of Studies (Botany), Hemchand Yadav University, Durg

Teacher's Progression after appointment.

Was awarded Ph.D. on 15th January 2016

Participation in orientation /Refresher/other training Programmes

Orientation Course

3rd June-30th June 2016- UGC-HRDC Pt. Ravishankar Shukla University, Raipur

Refresher Course

- 3rd July-23rd July 2018- UGC-HRDC Pt. Ravishankar Shukla University, Raipur
- 26th October-10th November 2020- UGC-HRDC Kumaon University, Nainital (Uttarakhand) (Online mode)

NSS Training Programme

15th December 2020- 21st December 2020- NSS Empanelled Training Institute, Pt. Ravishankar University, Raipur

Faculty Development Programme

1. Participated in one week Faculty Development programme (5th-11th March 2019) organized by Swami Swaroopanand Saraswati Mahavidyalaya, Bhilai in collaboration with Hemchand Yadav university, Durg on the theme “Facilitation of Academic leaders: New Paradigm for Capacity Building”
2. Participated in 10 days Faculty Development program organized by Hemchand Yadav University, Durg (C.G.) & Govt. Vishwanath Yadav Tamaskar PG Autonomous College, Durg (C.G.) on the theme “ Online Education : Boon for Upliftment of Higher Education Institutes” from 22nd July 2020 to 31st July 2020.
3. Participated in one week (5th June 2021-11th June 2021) Online Faculty Development programme on “Modules of Self Development” organized by Indira Gandhi Govt. Arts and Commerce PG College, Vaishali Nagar, Bhilai (C.G)

➤ ***Participation in Workshop/Seminar/Conference***

Date/Year	Title of the Seminar/workshop	Organized by	Participated/ Resource Person/Paper Presented
International Conference			
04-01-2020 - 05.01.2020	Innovative Research in Science, Management and Technology	Atal Bihari Vajpayee University, Bilaspur in association with modern Technology and Management institute, U.S.A	Presented Paper and Won Best Paper Award

National Seminar			
30.10.2009	Paradigm Shift in Higher Education: Steps towards Quality Enhancement	St. Thomas College, Bhilai	Participated
11.10.2011 - 12.10.2011	Bioresources:Its implications, alterations and management for the welfare of the living Kingdom	Government VYT PG Autonomous College, Durg	Participated
26.11.2011 - 27.11.1011	Recent trends in Plant and Microbial Sciences	Government VYT PG Autonomous College, Durg	Participated
11.02.2012 - 12.02.2012	Medicinal Planta- Utilization and Conservation with special reference to Herbal State Chhattisgarh	Government DT College, Utai, Durg	Participated
13.02.2012 - 14.02.2012	Impact of Climate Change on Diversity of Flora and Fauna	St. Thomas College, Bhilai	Participated
10.10.2012 - 11.10.2012	Biological Science in Current Scenario	St. Thomas College, Bhilai	Participated
12..10.201 2	Changing Environment and its impact on Biodiversity	Government DB Girls Autonomous College, Raipur	Participated
28.07.2016 - 29.07.2016	Futuristic Scope of Biotechnological Advancement and Allied Instrumentation	Amity University, Chhattisgarh	Presented paper
08.12.2016 - 09.12.2016	Innovative Learning Methods in Animal Sciences: Discouraging Dissection	Indira Gandhi Government Arts and Commerce College, Vaishali Nagar , Bhilai	Participated
30.11.2017 - 01.12.2017	Current Development of Environmental Sciences in Chhattisgarh state	Chhattisgarh Environmental Conservation Board, Raipur	Participated
23.12.2017 - 24.12.2017	Bhartiya Sanskritic Dhara-Anadi se Aaj tak	Durg University, Durg	Participated
30.01.2019 - 31.01.2019	Wildlife:It's Nature, Decline and Conservation in India.	Government Digvijay P.G Autonomous college, Rajnandgaon	Participated

Online Webinars			
03.06.2020	Covid-19 pandemic impact and strategies for education centre in India	Geetanjali Teachers' Training College, Mursheedabad	Participated
30.06.2020	Pandemic covid-19 and environment - an analysis	Indira Gandhi Government Arts and Commerce College, Vaishali Nagar , Bhilai	Participated
05.07.2020	Ramkatha in the Unwritten literature of Chhattisgarh	Centre for Study on Holistic Development of Chhattisgarh and encyclopaedia of Ramayana, Uttar Pradesh	Participated
10.07.2020	Paradigm shift in chemical sciences: the present scenario	St. Thomas College , Bhilai	Participated
23.07.2020	Your Attitude defines your Altitude	Indira Gandhi Government Arts and Commerce College, Vaishali Nagar , Bhilai	Participated
29.07.2020	Impact of Covid-19 in human life and environment	Government Autonomous P.G College, Satna	Participated
19.08.2020	Covid-19 pandemic the challenges faced and solutions provided	Government College Khursipar, Bhilai	Participated
24.08.2020	Immuno modulation by medicinal plants : Needs of today's scenario	Seth Phoolchand Agrawal Smriti P.G. College,Raipur	Participated
03.06.2021	Career in Higher Education and how to Crack Competitive Exams.	Government Gundadhur P.G college, Kodagaon	Participated
08.10.2020	Road Safety Awareness Webinar	Hemchand Yadav University, Durg	Participated
07.06.2021	COVID-19 ke niyantran evam rashtra vikaas mein rashtravada evam jan jagrukta	Indira Gandhi Government Arts and Commerce PG College, Vaishali Nagar, Bhilai	Participated
10.05.2021 - 15.05.2021	Green Energy and Sustainable Development	Indira Gandhi Govt. Arts & Commerce PG College Vaishali Nagar, Bhilai (C.G.)	Organized and Participated
Workshops			
23.09.2010 -	Molecular biology- Hands on Electrophoresis	St.Thomas College, Bhilai	Participated

24.09.2010			
17.11.2011 - 18.11.2011	Applications of Technology in Plant Science	St. Thomas College, Bhilai	Participated
17.01.2012 - 18.01.2012	Research Methodology	St.Thomas College, Bhilai	Participated
02.12.2015	Enhancement of Internal Quality in Higher Education	Government College, Gobra Nawapara	Organized
30.01.2016	Role of NAAC in the Quality of Higher Education	Government Rajeev Lochan College, Rajim	Participated
17.01.2017	NPTEL Awareness workshop	Shri Shankaracharya Technical Campus, Bhilai	Participated
06.02.2017 - 07.02.2017	Recent Trends in Scientific Research on Conservation and Diversity of Forest	Government W W Patankar Girls PG College, Durg	Participated
31.01.2018 - 01.02.2018	Awareness about Patents (IPR)	Shri Shankaracharya Mahavidyalaya, Junwani, Bhilai	Participated
17.12.2019 - 19.12.2019	Digital Media workshop	NSS Chhattisgarh in collaboration with Unicef India	Participated
07.05.2021 - 16.05.2021	7 criteria of new NAAC accreditation framework , Health Hygiene and Legal awareness programme	Hemchand Yadav university, Durg	Participated
28.05.2021	Covid 19-Vaccination Awareness Programme	Indira Gandhi Government Arts & Commerce PG College, Vaishali Nagar, Bhilai	Resource Person

Seminar/Workshop/training programs/any other program organized by self as convener/other member of the committee

- Member of organizing committee of the workshop on Enhancement of Internal Quality in Higher Education organized by Government College, Gobra Nawapara on 2nd December 2015
- Member of Organizing committee of National Conference on Innovative Learning Methods in Animal Sciences: Discouraging Dissection organized by Indira Gandhi Government Arts and commerce College, Vaishali Nagar, Bhilai on 8th and 9th December 2016
- Organized a 7 day Special camp for NSS volunteers in village Hanoda, Durg from 7th November 2019- 13th November 2019

- Joint Secretary in the organizing committee for National Webinar on Green Energy and Sustainable Development (10th May-15th May 2021) organized by Indira Gandhi Govt. Arts & Commerce PG College Vaishali Nagar, Bhilai (C.G.)
- Co-convenor in one day (13th June 2021) National webinar on Introduction to Right to Information, organized by Department of Physics and Department of Botany
- Working Committee in one week (5th June 2021-11th June 2021) Online Faculty Development programme on Modules of Self Development organized by Indira Gandhi Govt. Arts and PG College, Vaishali Nagar, Bhilai (C.G)
- Awareness against E cigarettes was organized under the aegis of NSS on 25th January 2020
- Educational tour to Krishi Vigyan Kendra, Rajnandgaon on 31st January 2020
- Educational tour to CG Council for Science and Technology, Raipur
- 3 days Yoga for physical and mental health was organized for NSS volunteers from 30th April 2021 to 2nd May 2021

Publication in the form of Research Paper/Articles/abstracts/Poems/Books

◆ ***Research Papers***

In International Journals

- Phycochemical and antimicrobial study of vigorous fresh water algae *Mougeotia*. Meenakshi Bharadwaj, Awadhesh Kumar Shrivastava and Ranjana Shrivastava (2014). International Journal of Current Microbiology and Applied Sciences. 3(4):1020-1024 ISSN No. 2319-7706
- Phycochemical analysis of two members of Order Zygnematales. Meenakshi Bharadwaj, Awadhesh Kumar Shrivastava and Ranjana Shrivastava (2014). International Journal of Geology, Agriculture and Environmental Sciences. 2 (2) website: www.woarjournals.org/IJGAES ISSN:2348-0254
- Antibacterial and Antifungal activity of *Mougeotia*. Meenakshi Bharadwaj, Awadhesh Kumar Shrivastava and Ranjana Shrivastava (2014). International Journal of Basic and applied Science Research, 1 (1):54-57 www.jibasr.org ISSN NO. 2349-1965

In National Journals

- Aeromycoflora Diversity of St. Thomas College, Bhilai. Meenakshi Bharadwaj, Awadhesh Kumar Shrivastava and Ranjana Shrivastava (2011). In. Proceedings of national Seminar on Climate Change and its effects on Biodiversity. ISBN No. 81-202-8778-9.
- Comparative study of enzyme dehydrogenase activity in *Cicer arietinum* and *Arachis hypogea*. Meenakshi Bharadwaj, Praveen Jain and Jyoti Bakshi (2013). Recent Research in Science and Technology. 5(2): 16-17 ISSN No. 2076-5061
- Algal biodiversity in fresh water reservoir of Durg. Meenakshi Bharadwaj, Awadhesh Kumar Shrivastava and Ranjana Shrivastava (2014). Indian Journal of Scientific Research, 4(1): 121-126. ISSN No. 0976-2876

◆ ***Book Chapter***

Seasonal variations of algal biodiversity from the three fresh water ponds of Bhilai, India. Meenakshi Bharadwaj, Awadhesh Kumar Shrivastava and Ranjana Shrivastava (2012). In. Current Issues of conservation and wise use of wetlands in North Eastern region of India. 89-95

Research Minor/Major Projects/guided/done by self

- Minor Research Project
Funding agency : UGC
UGC Reference No.: MS 78/202068/11-12/CRO(2)
Title of the Research Project : Phycochemical analysis of fresh water algae as Bioresource
Grant approved: 1,60,000
Completed: 2014

- Title of Ph.D Thesis: Isolation and Characterization of Phycochemicals from Few Water Algae of Durg (Chhattisgarh) Region and their Antimicrobial Activity

Guest Lecture organized by Self/Department or as member of Committee

Guest Lectures organized by the department

- A guest lecture was delivered by Dr. Awadhesh kumar Shrivastava on 3rd December 2018 on the topic Cyanobacteria: Significance to Environment
- A guest lecture was delivered by Dr. Ajay Kumar Manhar on 22nd November 2019 on the topic “Gram’s staining Technique” at the Department of Botany, Govt. P.G. College, Vaishali Nagar.

Extra Curricular Progression

Recognition /Prize/honour/participation /outside institutions/membership.(Year-wise)

Guest lecture

S.No	<i>Institute</i>	<i>Topic</i>	<i>Date</i>
1.	Rungta College of Science and Technology, Kohka, Bhilai	Cell Cycle	5 th October 2016
2.	St. Thomas College, Bhilai	Molecular Basis of Chromosome Pairing	10 th March 2021
3.	St. Thomas College, Bhilai	Biological Properties of Soil	20 th May 2021

- Resource person in Workshop on Instrumentation and Protocol Designing organized by PG department of Of Botany, St. Thomas College, Bhilai on 14-15 February 2019
- Lecture organized by Higher Education at Govt.VYT PG Autonomous College, Durg for all the institutes of Durg Region

Social Actives done by self/Participated in institution and outside institution.

- Organized tree plantation drive in College premises
- Covid Awareness Programme through webinar/seminar/Discussion
- Swachh Bharat Activity

➤ Road Safety week

➤ Yoga day

Innovative Work done in the institution

➤ Use of modern teaching methods like Audio-Visual Display

➤ Class seminar by UG students

➤ Group Discussion

➤ Educational tours for students

➤ Guest Lecture