

## CURRICULUM VITAE

### DR. NEHA BEHAR

M.Sc., Ph.D. (Biotechnology)

DOB: 18-04-1980

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Google Scholar: <http://scholar.google.co.in/citations?user=GRqMqpgAAAAJ>

### Area of Specialization

- Plant Tissue culture, Medicinal plant studies, Environmental Biotechnology.

### (1) Educational Qualification

S. N.	Degree	Duration	University /Board	Subject	Percentage
1	PhD.	2011-2014	Pt RSU Raipur	Biotechnology	Awarded
2	M.Sc.	2003-2004	Pt RSU Raipur	Biotechnology	71.53
3.	B. Sc.	2000-2002	GGU Bilaspur	Science	70.66
4	Higher Secondary	1998	MP Board	Biology	73.5 (Distinction in Physics and Chemistry)
5	High School	1996	ICSE Board	All Subjects	69.16

### Ph.D. Thesis:

“*In vitro* and *in silico* approaches for micropropagation and studies of secondary metabolite content in *Curcuma caesia* Roxb.”

### M.Sc. Thesis:

“Molecular characterization of specific genotypes using RAPD and SSR markers”

### (2) Employment and Experience

Organization	Designation and Nature of Duties	From	To
D.L.S.P.G. College (Affiliated to Atal Bihari Vajpayee University) Ashok Nagar, Sarkanda, Bilaspur	<b>Assistant Professor (Under statue – 28)</b> <b>Head of Department (Biotechnology)</b> <ul style="list-style-type: none"><li>• Teaching (UG/PG), Practical's and related work</li><li>• Coordinator (IQAC 2016- 18)</li><li>• Coordinator (2019- till date) (NAAC Steering Committee)</li><li>• Member in (Research and Development Cell)</li><li>• Member in (Women's Cell)</li><li>• Member in (various other Cells and Committees)</li></ul>	January 2016	Till date

School of Studies in Biotechnology, Pt. R.S.U., Raipur (C.G.).	<b>Ph.D. Research Scholar</b>	August 2011	June 2014
Department of Plant Molecular Biology & Biotechnology, COA, IGKV, Raipur.	<b>Senior Research Fellow (DIT Project)</b> “Nutritional genomics approaches for understanding metal related genes in rice”. <ul style="list-style-type: none"> <li>• Planning and execution of experiments (analysis and interpretation), teaching, training and demonstrations.</li> <li>• Compiling data and results for presenting progress of the research projects.</li> <li>• Management of the Labs.</li> </ul>	August 2009	Sept. 2011
School of Life Sciences. Pt RSU, Raipur	<b>Junior Research Fellow (DBT Project)</b> “ <i>In vitro</i> micropropagation of <i>Buchnanania lanzan</i> (an important medicinal plant)” <ul style="list-style-type: none"> <li>• Research, Teaching and Practicals in M.Sc. Classes.</li> </ul>	Nov. 2005	Mar. 2007
MATS, Raipur	<b>Asst. Professor</b> <ul style="list-style-type: none"> <li>• Teaching and other related work</li> </ul>	2004	2005

### (3) Member in various committees (Outside College)

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- Academic Council Member (Atal Bihari Vajpayee University, Bilaspur C.G.)
  - Chairman in Board of Studies in Biotechnology, ABVV, Bilaspur
  - Member in Central BoS Biotechnology, State level committee

#### Life Membership – 2

- The Indian Science Congress Association, Kolkata (W.B.)
- Boost-up India (Mental Health organization), Delhi

### (4) Reviewer in Journals

- South Asian Journal of Research in Microbiology
- Journal of Agriculture and Ecology Research International
- Journal of Advances in Medicine and Medical Research
- Journal of Advances in Biology and Biotechnology
- NewBioWorld Journal
- Current World Environment

### (5) Delivered Lectures (Resource/Invited/Guest)/chaired the session / Judge

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- Guest Lecture on “Inspirational Women in STEM” 08 March 2025, organized by Department of Biotechnology, CM Dubey P.G. College, Bilaspur (C.G.)
  - Chaired the technical Session in International Conference on “Advances in Microbiology, Biotechnology & Bioinformatics” on 27-28 June 2024, sponsored by CGCOST, held at ABVV, Bilaspur (C.G.)

- Invited as a Judge in Inter college Arts, Science and Commerce exhibition (Scinex Millenium 2023-24) on 12 December 2023 held in DP Vipra College Bilaspur (C.G.)
- Chaired the technical Session in National Conference on “Recent Trends in Microbiology, Biotechnology & Biochemistry” on 11-12 December 2023, sponsored by ISCA, Kolkata, Bilaspur Chapter, held in CM Dubey P.G. College, Bilaspur (C.G.)
- Resource Person in workshop entitled Microbial Culture Techniques, on 14 Jan 2023 organized by Department of Microbiology and Biotechnology, Govt. E.R.R. Science P.G. College, Bilaspur (C.G.)
- Guest Lecture on “Women in Science” 11 Feb 2022, organized by Department of Microbiology and Biotechnology, St. Thomas College, Bhilai (C.G.)
- Chaired the technical Session in an International e-Conference on “Recent Advances in Biological Sciences and Opportunities in Entrepreneurship” on 7-8 January 2022, held in SoS in Biotechnology, Ravishankar Shula University, Raipur (C.G.)

## (6) Content/ E- content Development

- UG and PG Biotechnology syllabus designed (as CBOS member and chairman of Board of Studies in Biotechnology)
- Video Lecture contributed to CG government portal (<https://cgschool.in/>) under “Padhai Tunhar Dwar” initiative by government during COVID19.
- Video lectures uploaded in you tube channel: <https://www.youtube.com/@drnehabehar>

## (7) Research Contributions (Summary): Please refer Annexure

•	Project submitted	:	<b>CSIR ASPIRE (Apr 2023)</b> passed the first round.
•	Patent	:	<b>01 (Design Patent Granted)</b> <b>1 (Published)</b>
•	Bacterial Culture deposited	:	<b>NCL Pune</b>
•	Bacterial Sequence deposited	:	<b>NCBI</b>
•	Research Paper Published (Refereed Journals)	:	<b>16 (3 communicated)</b>
•	Book published (authored)	:	<b>2</b>
•	Edited Book Published	:	<b>04</b>
•	Book Chapter Published:		<b>05</b>
•	Organized International/ National seminar/ conference/workshop/symposium etc.	:	<b>11</b>
•	Research Paper Presented/ participated	:	<b>15</b>
•	Poster Presented/Participated	:	<b>03</b>

•	PhD Supervisor:	:	<b>Co-Supervisor (Shri Rawatpura Sarkar University, Raipur)</b>
•	Guided Dissertation of M.Sc. students:	:	<b>35</b>

### **(8) Workshop/training /FDP attended (Summary): Please refer Annexure**

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- Workshop/Training attended: 08
  - Faculty Development Program attended: 07

### **(9) Achievement/ Award**

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- Chhattisgarh Young Scientist Award - 2014
  - Best Paper Award - 2021 (3<sup>rd</sup> International Conference on Innovative Research in Science, Management and Technology (ICIRSMT-2021) 27 to 28 Dec 2021)
  - Paryawaran Mitra Award - 2022, (Paryawaran evm Paryatan vikas samiti evm van vibhag Chhattisgarh paryawaran sanrakshan mandal. 5 June 2022)
  - Utkrist Shikshak Samma - 2022 (Silver Jubilee year of college Foundation Day 12 Sep 2022).
  - Best Poster Award- 2023 (National Seminar on Spices and Aromatic crops: Prospects and Potential in Chhattisgarh 14-15 March 2023).
  - On 8 March 2025 (Women's Day) Samman by Core Academy, Bilaspur (C.G)

### **(10) Added Qualification**

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- Diploma in computer application from LCC (E 80<90%) certificate.
  - Successfully completed the module of “**Office Automation**” – IT, conducted by SAJDA EDUCATION AND WELFARE SOCIETY, June 2016 at DLSPG College, Bilaspur (C.G.)

### **(11) Others (Extension activities)**

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- Training given to students – “**Inspire Internship Camp**”, 2011-2012.
  - Delivered Guest lecture on “**Global Warming**” at NSS camp organized at village Farhada. (2<sup>nd</sup> January– 8<sup>th</sup> January 2017).
  - Headed the Drama (**AIDS Awareness Campaign**) performed by students of BSc. Biotechnology at NSS camp organized at village Farhada. (2<sup>nd</sup> January– 8<sup>th</sup> January 2017).

## (12) Extension Articles

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- ऑनलाइन शिक्षा मंत्रालय के ई-पोर्टल: “UNNAYAN”, D.L.S.P.G College Magazine, P-3940, 2022-23.
- “Job opportunities in the field of Biotechnology”: “UNNAYAN”, D.L.S.P.G College Magazine, P-24, 2016-17.
- “Transcriptome profiling in medicinal plants”: “NewBioWorld” Magazine published by Alumni Association of Biotechnology, Pt. R S U, Raipur (C.G.), P-43-45.2016-17.

### Declaration

I hereby declare that all the above information given is true to my best knowledge.

Place:

Date:

**(Dr Neha Behar)**

## ANNEXTURE

### 1. Patent Granted/Published

“Apparatus for developing polyherbal extracts” design patent granted, Design No. 423160-001 on 11-09-24. The patent office, GoI

“An Innovative and Cost-Effective Method to Produce Vermiwash for Sustainable organic Farming Practices”, Application No.: 202221035811 A, Published on 15/07/2022.

### 2. Details of Research Publication

#### a. Referred Journal

S.N.	Title	Authors	Impact/ Indexed	Journal
1.	Preparation of Eco-Friendly Mosquito Repellent Jelly Using Essential Oils And Evaluation Of Its Efficacy	Priya Singh, Neha Behar, and Sumit Kumar Dubey	communicated	Current World Environment
2.	Evaluation of paddy straw mushroom <i>Volvariella volvacea</i> (Bull ex. Fr. singer) For Radial Growth, Biomass & Biological efficiency.	Chandrakanta Soni, Sharad Shroff and <sup>1</sup> Neha Behar	communicated	Journal of mycology and plant pathology
3.	A Review on Terminalia chebula Retz Fruit: A Treasure trove of Phytochemicals & Therapeutic Potential	Aakanksha Sharma, Rupal Purena and Neha Behar	communicated	Annual Research & Review in Biology
4.	In Silico Pharmacophore Profiling of Embelia Ribes and Gloriosa Superba for Potential Therapeutic Applications. 36 (2):129-38. <a href="https://doi.org/10.9734/ejmp/2025/v36i21252">https://doi.org/10.9734/ejmp/2025/v36i21252</a> .	Dubey, Sumit Kumar, Neha Behar, and Nishant Behar.	NAAS Score: 4.89	European Journal of Medicinal Plants
5.	Isolation, Screening and Identification of Biopolymer Producing Bacillus Cereus from Vegetable Wastes”. 29 (2):18-26. <a href="https://doi.org/10.9734/bji/2025/v29i2768">https://doi.org/10.9734/bji/2025/v29i2768</a> .	Behar, Neha, Dhaneshwar Yadav, Krishna Kumar Verma, and Sumit Kumar Dubey	NAAS Score: 4.81 (2025)	Biotechnology Journal International

6.	Development of Vermiwash Production Technique: Evaluation of its Physicochemical Parameters and Effect on Overall Plant Growth. 11 (1):400-409. <a href="https://doi.org/10.9734/ajsspn/2025/v11i1490">https://doi.org/10.9734/ajsspn/2025/v11i1490</a> .	Dubey, Sumit Kumar, Ravi Sahu, Krishna Kumar Verma, Prashant Sharma, Dinesh Pandey, and Neha Behar.	NAAS Score: 5.06 (2025) And many.....	Asian Journal of Soil Science and Plant Nutrition
7.	Biofortification of vermiwash for enhancing its bioactivity and assessing its effect on plant growth. Vol 1:1, 119-122.	Abhishek xalxo, Rahul Patel, K.K. Verma, S.K. Dubey, Neha Behar	published	Published in JNVU-ABVU-AIMT Spring International Conference on Innovative Research in Science, Management and Technology (ICIRSMT 2024) proceeding Global journal of computer and Engineering Technology
8.	Comparative evaluation studies of different species of <i>Pleurotus</i> for radial growth, biomass and biological efficiency. Journal of Agriculture and Ecology Research International Volume 25, Issue 2, Page 7-14, 2024; Article no. JAERI.113049 ISSN: 2394-10732024	Chestanjali Patel Sharad Shroff, Chandrakanta Soni Neha Behar	NAAS Score: 4.69 (2024)	<b>Journal of Agriculture and Ecology Research International</b>
9.	Comparative Evaluation of In Vitro Antimicrobial Efficacy of different Species of Curcuma against Human Pathogenic Bacteria. (2023) 5(1):20-23. DOI: <a href="https://doi.org/10.52228/NBW-JAAB.2023-5-1-4">https://doi.org/10.52228/NBW-JAAB.2023-5-1-4</a>	Krishna Kumar Verma, Shristi Soni, Pratiksha Pandey, Varsha Sahu, Sumit Kumar Dubey, Neha Behar	<b>Google scholar and Research gate</b>	<b>NewBioWorld A Journal of Alumni Association of Biotechnology</b>
10.	Assessment of Antimicrobial Activity of Commercially available Withania Somnifera (Ashwagandha) Powder against Pathogenic microorganisms. 2022 4(2):25-30. DOI: <a href="https://doi.org/10.52228/NBW-JAAB.2022-4-2-5">https://doi.org/10.52228/NBW-JAAB.2022-4-2-5</a>	Sumit Kumar Dubey, Krishan Kumar Verma, Arifa Qureshi and Neha Behar	<b>Google scholar and Research gate</b>	<b>NewBioWorld A Journal of Alumni Association of Biotechnology,</b>

11.	EST Based Studies for Identification of Curcumin Synthase Gene In <i>Curcuma caesia</i> Roxb. Vol.7, Special Issue.3, Feb. 2019 E-ISSN: 23472693	<b>Neha Behar,</b> K.L. Tiwari, S. K. Jadhav	<b>UGC approved</b>	<b>International Journal of Computer Sciences and Engineering</b>
12.	Semi-quantitative expression studies of genes involved in biosynthesis of curcuminoid in <i>Curcuma caesia</i> Roxb. Oct-2016, 491-494.0975-0967 (Online);0972-5849 (Print) 491-494	<b>Neha Behar,</b> K.L. Tiwari, S. K. Jadhav	<ul style="list-style-type: none"> <li>• Science Citation Index Expanded (also known as SciSearch)</li> <li>• Journal Citation Reports/Science Edition</li> <li>• Biotechnology Citation Index</li> </ul>	<b>Indian Journal of Biotechnology</b>
13.	Effect of explant type in development of <i>in vitro</i> micropropagation protocol of an endangered medicinal plant: <i>Curcuma caesia</i> Roxb. 2014,13: 22-27	<b>Neha Behar,</b> K.L. Tiwari, S. K. Jadhav	Indexed in Thomson ISI, Scopus, ISI web of knowledge, AGRICOLA etc.	<b>Biotechnology</b>
14.	Review on non-conventional turmeric: <i>Curcuma caesia</i> Roxb. 2014, 8: 97-107.	<b>Neha Behar,</b> K.L. Tiwari, S. K. Jadhav	NAAS-4.42, Chemical abstract, EMBASE, Proquest, CAB abstracts, Indian Science abstract. etc.	<b>Current trends in Biotechnology and Pharmacy</b>
15.	<i>In silico</i> Survey of Genes involved in Curcuminoid Synthesis for Expression Studies in <i>Curcuma caesia</i> Roxb. 2013, 37-39.	<b>Neha Behar,</b> K.L. Tiwari, S. K. Jadhav	<b>IF- 0.715,</b> Citeseer, EBSCO. etc.	<b>International Journal of Computer Applications® (IJCA)</b>
16.	Comparative Phytochemical screening of bioactive compounds in <i>Curcuma caesia</i> Roxb. and <i>Curcuma longa</i> .2013, 7:113-118	<b>Neha Behar,</b> K.L. Tiwari, S. K. Jadhav	ASCI Database, Google scholar, Scimago, Scopus.	<b>Research journal of medicinal plants</b>

17.	<i>In vitro</i> morphogenesis of medicinally important <i>Andrographis paniculata</i> nees through hypocotyl explants. 2012,12:32613264.	Jha, Z., Behar, N., Sharma, S .N. Mannade, A., Kumar, A. and Sharma, D.K	NAAS- 4.38 Chemical Abstract, Indian Science Abstract, Medical and Aromatic plant abstract. etc.	Journal of cell and tissue research
18.	Nanotechnology: prospects in Agriculture and food industry. 2011,88-100	Zenu Jha, Neha Behar, Shiv Narayan Sharma , D.K. Sharma, M.P. Pandey	IF- 2.041 Google scholar, Academia edu, scribd. etc.	Nano Vision
19.	Effect of explant type genotype and plant growth regulators on the morphogenetic potential of flax. 2011, 13-18.	Neha Behar, Paritosh Kumar and Girish Chandel.	AGRICOLA, EBSCO, Google Scholar. etc.	Journal of cell and plant sciences
<b>Total API</b>				

### 3. Authored book published – 1

S.N.	Book Title	Authors	ISSBN/ISSN	Published by
1.	Principles of Genetic Engineering	Dr. madhusmita Panigrahy Dr. jyotirmayee Das Dr Vimal Pandey Dr. Neha Behar		Chendur Publishing House, Chennai
2.	Bhaji (Leafy Vegetables): the tradition, culture and cuisine of Chhattisgarh	Dr. Neha Behar, Dr. Sumit Dubey	978-93-6294-238-8	21-08-2024 BR International, Lucknow (U.P.) 2024
<b>Total API</b>				

### 4. Edited Books Published - 4

S.N.	Book Title	Editors	ISSBN/ISSN	Published by
1.	Recent Advances Plant Secondary Metabolite Studies	Dr. Neha Behar, Dr. Vimal Verma, Dr. Rashmi Dubey, Dr. Arunima Sur	9355159242	Book River, Lucknow (U.P.) 2023

2.	Sustainable Environment Practices	<b>Dr. Neha Behar,</b> Dr. Arun Kumar Kashyap, Dr. Samiksha Sharma, Mr. Sumit Kumar Dubey	<b>970-93-94570-62-7</b>	Kripa Drishti Publication, Pune 2022
3.	Trends in Environmental Biology-II	Dr. Arun Kumar Kashyap, <b>Dr. Neha Behar,</b> Dr. Samiksha Sharma, Mr. Sumit Kumar Dubey,	<b>978-93-94570-52-8</b>	Kripa Drishti Publication, Pune 2022
4.	Trends in Environmental Biology-I	Dr. Arun Kumar Kashyap, <b>Dr. Neha Behar,</b> Dr. Samiksha Sharma, Mr. Sumit Kumar Dubey	<b>978-93-90847-55-6</b>	Kripa Drishti Publication, Pune. 2022
<b>Total API</b>				

### 5. Book Chapter Published:

S.N.	Title	Authors	ISSBN/ISSN	Published by
1.	Role of Fungal Metabolites in Pharmaceutical and Human Health	<b>Neha Behar,</b> Samiksha Sharma, Rashmi Parihar, S. K. Dubey, V. K. Pandey	978-03-2395-2415	<b>Elsevier 2024</b>
2.	Nanomaterials with special reference to Environmental, Health and Safety issues	Pranay Soni, Akhilesh Tiwari, <b>Neha Behar</b>	<b>978-93-5515-927-4</b>	<b>Book River, Lucknow (U.P.) 2023</b>
3.	Life Science Engineering: Improving Human Health and Lifestyle  In Book entitled “Research and Innovations in Chemical Sciences: An Approach towards”	P Mishra, <b>N Behar,</b> S Sharma, KK Verma, S Banjare, SK Dubey	978-93-91681-17-3	<b>Bharti Publication, New Delhi. 2021</b>
4.	Post COVID-19 Health Scenario in India  In Book entitled “Health, Hygiene, Sanitation and	Priti Mishra, <b>Neha Behar,</b> Samiksha Sharma, Sumit Kumar Dubey, Wasudeo B. Gurnule	978-93-5457-589-1	<b>Immortal Publications, Vijayawada (AP) 2021</b>

	Environment at Pandemic Times”			
5.	Comparative differential expressions studies of genes involved in biosynthesis of Curcuminoids in two species of Curcuma.  In Book entitled “Biotechnology and Traditional Knowledge”	<b>Neha Behar,</b> K.L. Tiwari, S. K. Jadhav	978-81-7622-330-0	<b>Biotech Books, Delhi</b>  <b>2013</b>
				<b>Total API</b>

## **6. Organized seminar/conference/workshop/symposium**

<b>S.N.</b>	<b>Title</b>	<b>Symposium/National Seminar/Webinar/ Workshop/ FDP/SDP/Awareness Program</b>	<b>Coordinator/ Convener</b>	<b>Year</b>
1.	<b>Effective Communication skill</b>	<b>SDP</b>	<b>coordinator</b>	17-18 Oct 2024
2.	Recent Advances in Economic and potential Benefits in Mushroom Cultivation	National Seminar Sponsored by ISCA , Bilaspur Chapter	Co -Convener	15 -16 December 2023
3.	Skill Training in association with Pune Institute of Business Management, Pune (M.S.) and NSDC.	Student Development Program (SDP)	Co-ordinator	14-17 November 2022
4.	Intellectual Property Awareness Program under National Intellectual Property Awareness Mission (NIPAM), Intellectual Property Office, Govt of India.	Awareness Program	Co-ordinator	15 July 2022
5.	Effective Communication Skill in association with Pune Institute of Business	Faculty Development Program (FDP)	Co-ordinator	18-22 April 2022

	Management, Pune (M.S.) and NSDC.			
6.	Chhattishgarhi ke LokKala au Sanskriti: Ek Jhalak	Workshop cum exhibition	Co-ordinator	5-7 Jan 2022
7.	Handling Mental Health Problems of Students	Online Awareness program	Co ordinator	2 Aug 2021
8.	Revised Accreditation Framework for Accreditation in higher education	An online NAAC workshop	Convener	21 Nov 2020
9.	Vaccine Against Covid -19 Opportunities and Challenges	Webinar	Convener	10 Aug 2020
10.	E- Poster competition on impact of lockdown on Environment	National online	convener	5 June 2020
11.	Regional Warming and Narva, Garva, Ghurva, Bari	National Seminar	Co-ordinator	1-2 February 2020
12.	Herbal medicine and Diabetes	Symposium	Convener	13 <sup>th</sup> February 2017
				<b>Total API</b>

## 7. Faculty Development Program Attended (FDP)

S.N.	Title of FDP	Duration	Organized by	Held on
1.	Online NEP 2020 orientation and sensitization programme scheduled has been issued.		Malaviya Mission Teacher Training Programme (MM-TTP) of University Grant Commission (UGC) organized by UGC- MMTTC, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (CG)	03/06/2024 to 12/06/2024)
2.	Challenges and Opportunities in National Education Policy for Viksit Bharat	1 week	organized by Amity Institute of Biotechnology, Amity University Chhattisgarh, Raipur	held on 10th - 16th July 2024
3.	Significance of Indian Traditional Knowledge system for viksit Bharat.	1 week	Govt. E Raghvendra Rao P.G. Science college, Bilaspur	13-19 feb 2024

4.	Futuristic Intervention in Biotechnology: A Roadmap Ahead	<b>5 Days</b>	AMITY University, Raipur (C.G.)	4-8 July 2022
5	Effective Communication Skills	<b>5 Days</b>	PIBM, Pune	18-22 April 2022
6.	Excellence in College Education after COVID-19 Pandemic	<b>5 Days</b>	IQAC, E.R.R. P.G. Science College, Bilaspur (C.G.)	30 <sup>th</sup> June-04 July 2020
7.	Creative Problem Solving, Innovation and Meaningful R & D of National Initiative for Technical Teachers Training (Credit -3), Registration No.: 20201106247	<b>8 Week</b>	National Initiative for Technical Teachers Training and AICTE Under SWAYAM	02 March – 30 April 2020
8.	Technology Enabled Learning and Lifelong Self Learning (Credit -3), Registration No.: 20201106247	<b>8 Week</b>	NITTT, Chennai Under SWAYAM	02 March –27 April 2020
9.	e-Content Development and Delivery, Research Methodology and Autonomy	<b>1 Week</b>	Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5	27 <sup>th</sup> July 2020-1 <sup>st</sup> Aug 2020
				<b>Total API</b>

## **8. Workshops/Training Attended**

S.N.	Workshops	Duration	Organized by	Held on
1.	Revised framework of NAAC Accreditation: an awareness Program	<b>One Day</b>	IQAC, GGU, Bilaspur	26 Nov. 2021
2.	“Examination Reforms: Evaluation system and its prospects”	<b>One Day</b>	RUSA Cell and Internal Quality Assurance Cell, Govt. E.R.R. P.G. Science College, Bilaspur (C.G.)	18 March 2017
3.	Preparation for assessment and accreditation. (NAAC awareness workshop)	<b>Two days</b>	Internal Quality Assurance Cell, Bilaspur University, Bilaspur (C.G.)	27-28 Feb. 2017
4.	Current Trends in Mushroom Cultivation & Culture Techniques.	<b>Two days</b>	Department of Microbiology D.L.S.P.G. college Bilaspur (C.G.)	12-13 January 2017
5.	Chhattisgarhi Raj-Bhasha Prashikshan	<b>One day</b>	Rajya Bhasha Aayog Government of Chhattisgarh	
6.	Prospects and Sustainable Use of Medical Plants of Chhattisgarh: NCNR	<b>Two Days</b>	Pt. R.S.U., Raipur (C.G.)	10-11 Sep. 2012

7.	Hands on training in Techniques of Molecular Biology	<b>One week</b>	SoS (Anthro.), Pt. R.S.U. Raipur (C.G.)	22-27 Feb. 2012
8.	Recombinant DNA and Molecular Marker technology: A hands on workshop	<b>Two Weeks</b>	Dept of Biotech, I.G.K.V., Raipur (C.G.)	1-15 Sep. 2003
				<b>Total API</b>

### **9. Details of paper presented in Conferences and seminars**

S.N.	Paper entitled	Presenter	Level	Organized by	Held on
1.	Isolation & screening of plastic-degrading bacteria from soil for pwm"	<b>Neha Behar</b>	International	Atal Bihari Vajpayee University, Bilaspur (C.G.)	<b>28-29 June 2024</b>
1.	Biofortification of Vermiwash for enhancing its bioactivity and assessing its effect and assessing its effect on plant growth.	<b>Neha Behar</b>	International	Atal Bihari Vajpayee University, Bilaspur (C.G.) and American Institute of Management and Technology, USA and University of Maryland Eastern Shore, USA	<b>5-7 Jan 2024</b>
1.	In-silico screening of some indigenous medicinal plant of Chhattisgarh for their Pharmacological Potential.	<b>Neha Behar</b>	International	Atal Bihari Vajpayee University, Bilaspur (C.G.) and American Institute of Management and Technology, USA	27 to 28 Dec 2021
2.	A case study on rural development by NGGB scheme of CG govt.	<b>Neha Behar</b>	National	R & D, DLSPG college	1-2 Feb 2019
3.	EST based studies for identification of curcumin synthase gene in <i>Curcuma caesia</i> Roxb.	<b>Neha Behar</b>	International	Department of Computer Science Application Bilaspur University and MTMI USA	4-5 August 2018
4.	<i>In vitro</i> microrhizome induction in <i>Curcuma caesia</i> Roxb.	<b>Neha Behar</b>	National	Department of Biotechnology, GGV, Bilaspur	26-27 Dec., 2016

5.	Alternative Sources of Livelihood by cultivation of medicinal plants in Chhattisgarh.	<b>Neha Behar</b>	National	CGCOST sponsored, Organized by Department of Geography	25-26 Feb 2016
6.	Study of curcumin synthase gene involved in curcumin biosynthesis in <i>Curcuma caesia</i> Roxb.	<b>Neha Behar</b>	National	Department of Computer Science Application and Department of Microbiology and Bioinformatics	29-30 March 2015
7.	Estimation of curcumin in <i>curcuma caesia</i> roxb. plants derived from <i>in vitro</i> and conventionally growing conditions by using hplc.	<b>Neha Behar</b>	State	CGCOST And Pt. RSU, Raipur	17-19 Feb, 2014
8.	<i>In vitro</i> culture development, <i>ex-vitro</i> establishment and estimation of curcumin in rhizome using HPLC in <i>Curcuma caesia</i> Roxb.	<b>Neha Behar</b>	National seminar	DASD, Calicut at IGKV, Raipur	23-24 Dec. 2013
9.	Comparative differential expression studies of genes involved in biosynthesis of curcuminoids in two species of <i>curcuma</i>	<b>Neha Behar</b>	National conference	SOS, Biotechnology, Pt RSU, Raipur	22-24 Nov. 2013
10.	In silico survey of genes involved in curcuminoid synthesis for expression studies in <i>Curcuma caesia</i> Roxb.	<b>Neha Behar</b>	National Seminar	Sub-DIC Bioinformatics at NIT, Raipur.	17 Jan. 2013
11.	In vitro multiple shoot regeneration in an important medicinal plant: <i>Andrographis paniculata</i> Nees.	<b>Neha Behar</b>	National Conference	GGV Central University, Bilaspur	30-31 Jan 2012
12.	Establishment of in vitro protocol for an endangered medicinal plant: <i>Curcuma caesia</i> Roxb.	<b>Neha Behar</b>	National Conference	Arts and Commerce Girls College, Raipur	16-17 Oct 2012

13.	Genetic manipulation of linseed by agrobacterium mediated transformation for insect resistance	Neha Behar	State	CGCOST and Baster Vishwavidyalaya, Jagdalpur.	28-1 March 2011
14.	Participated in National Seminar on “Recent Trends in Biomedical Sciences”.		National	School of Biotechnology, G.G.U., Bilaspur	30 <sup>th</sup> March 2006
15.	Participated in National Conference on “Innovations and Prospects in Life Sciences”.	-	National	School of Life Sciences, Pt. R.S.U. Raipur.	14-16 Dec. 2002
<b>Total API</b>					

### **10. Participated in Poster Presentation/participated**

S.N.	Poster Presented In	Level	Org by	Held on
1.	Spices and Aromatic Crops: Prospects and potential in Chhattisgarh.	National Seminar	TCBCARS, Bilaspur (C.G.)	14-15 March 2023
2.	Bharat Rejuvenation	International	GGU, Bilaspur (C.G.)	15-17 Oct.2017
3.	Changing fortunes: Impact of drought on livelihood and food security of farmers.	National conference	IGKV, Raipur (C.G.)	20-21 January 2012
<b>Total API</b>				

### **11. List of Students guided for MSc Dissertation:**

S. No.	Student's name	Title of Thesis dissertation	Ph.D/M.Phil/ P.G.	Year	Status (Submitted/ Awarded)
1.	Kiran sahu	A prospective study of oral cancer and histotechniques for tissue processing	M Sc.		Awarded
2.	Neelam Sahu	Studies on phytochemicals screening and antioxidant properties of some important leafy vegetables of Chhattisgarh.	M Sc.		Awarded
3.	Neha gupta	A study on comparative antioxidant properties of <i>Moringa oleifera</i> , leaf and seed pods	M Sc.		Awarded

4.	Nikita Sahu	Preparation and evaluation of cold pressed herbal hair oil	M Sc.		Awarded
5.	Priya singh	Preparation of ecofriendly mosquito repellent gelly by essential oil and evaluation of its efficacy.	M Sc.		Awarded
6.	Priyanka pandey	Preliminary phytochemicals screening and antioxidant properties of leafy vegetables found in summer season.	M Sc.		Awarded
7.	Rakhi patel	Evaluation of antibacterial activity of extract of <i>Curcuma caesia</i> roxb. against human pathogens	M Sc.		Awarded
8.	Abhishek xalxo	Biofortification of vermiwash for enhancing its biological activity.	M Sc.		Awarded
9.	Avinash kujur	Biofuel production by Azolla using different methods	M Sc.		Awarded
10.	Chestanjali patel	Comparative evaluation of different species of Pleurotus under the parameters for radial growth, biomass and yield	M Sc.		Awarded
11.	Lila Dhar barik	A comprehensive assessment of Gothan yojna of Chhattisgarh state for possible employment opportunities	M Sc.		Awarded
12.	Md. Abdul Malik	Evaluation of the antimicrobial activity of wood vinegar against plant pathogenic fungi	M Sc.		Awarded
13.	Shweta Behra	Antimicrobial property of echeveria plant extract and isolation of enphytic fungi	M Sc.		Awarded
14.	Sudarshan kumar sahu	Sickle cell anaemia disease and prevention and facts	M Sc.		Awarded
15.	Suresh yadav	Isolation identification and antibiotic sensitivity test pattern of isolate from pus sample	M Sc.		Awarded
16.	Yogita Dandsena	Effects of microbial fertilizer and their consortium on the growth parameters of wheat	M Sc.		Awarded

17.	Indu sidar	Assessment of antimicrobial of silver nanoparticle rhizome extract of curcuma caesia.	M Sc.		Awarded
18.	Parul khursenga	Antibacterial effect of curcuma amada against human pathogen	M Sc.		Awarded
19.	Raja ram	Isolation identification and antibiotic sensitivity test pattern of isolate from blood sample	M Sc.		Awarded
20.	Suhana mansuri	study about Rossele leaves	M Sc.		Awarded
21	Anuradha Markam	Isolation and characterization of alkaline protease producing bacteria from dairy effluent	M Sc.		Awarded 2022
22.	Arifa Qureshi	Assessment of antimicrobial activity of commercially available <i>Withania somnifera</i> powder.	M Sc.		Awarded
23.	Chandrakan ta Soni	Evaluation of different isolates of paddy straw mushroom for radial growth, biomass and yield	M Sc.		Awarded
24.	Chitrupa Sahu	Isolation and morphological characterization of rhizospheric bacteria from <i>Asparagus racemosus</i>	M Sc.		Awarded
21.	Dolly Sahu	The study on growth of <i>Pleurotus sajor caju</i> in summer season	M Sc.		Awarded
22.	Durga Suraj	Survey on usage of medicine in Covid period	M Sc.		Awarded
23.	Hasina Khatun	Comparative evaluation of commercially available probiotics products	M Sc.		Awarded
24.	Kusum Painkra	Studies on Isolation and screening of alkaline protease producing bacteria from dairy effluent	M Sc.		Awarded
25.	Pratiksha Pandey	Evaluation of the antibacterial potentialities of different extracts of <i>Curcuma amada roxb.</i> against pathogenic bacteria	M Sc.		Awarded
26.	Ravi Sahu	Analysis of the quality of vermiwash produced from institutional organic wastes	M Sc.		Awarded

27.	Sarita Singh	Assessment of antibacterial activity of <i>Catharanthus roseus</i> extract	M Sc.		Awarded
28.	Shristi Soni	Assessment of antibacterial activity of different rhizome extracts of <i>Curcuma caesia</i> roxb.	M Sc.		Awarded
29.	Sulekha Kumari	Study of antibacterial activity of different herbal and non-herbal toothpaste against mouth microflora	M Sc.		Awarded
30.	Varsha Sahu	Evaluation antibacterial activity of <i>Curcuma longa</i> against pathogenic bacteria	M Sc.		Awarded
31.	Yashasvi Shrivastava	The study on growth of <i>Pleurotus florida</i> in summer season	M Sc.		Awarded
32.	Suman Kashyap	To study antibacterial activity of leaf extract of <i>Azadiracta indica</i> (Neem)	M Sc.		Awarded
33.	Rajesh Kashyap	Antifungal activity of leaf extract of <i>Eucalyptus globulus</i>	M Sc.		Awarded
34.	Poonam Maravi	Antifungal activity of leaf extract of <i>Ocimum tenuiflorum</i> (tulsi)	M Sc.		Awarded
35.	Yuvraj Banjare	To study antibacterial activity of toothpaste (Sensodyne/ Colgate) against salivary flora	M Sc.		Awarded