

# CURRICULUM VITAE

---



## Biographical Details

<b>Name:</b>	<b>Dr. RAVISHANKAR CHAUHAN</b>
<b>Date of Birth:</b>	March 18, 1988
<b>Parents Name:</b>	Mr. Laxman Chauhan Mrs. Kanti Devi Chauhan
<b>Present Status:</b>	<b>Assistant Professor</b> Department of Botany Pandit Ravishankar Tripathi Government College, Bhaiyathan 497 231, Surajpur, INDIA
<b>Corresponding Address:</b>	Pandit Ravishankar Tripathi Government College, Bhaiyathan 497 231, Surajpur, INDIA E-mail ID: <b>ravi18bt@gmail.com</b> Mobile No: <b>+91 - 9827991075</b>
<b>Thrust Areas of Research:</b>	Plant Tissue Culture, Phytochemicals, Plant Germplasm Conservation, Phytoremediation for Environmental Cleanup, and Mushroom & Microbial Biotechnology

## Educational Details

1.	All India Secondary School Examination (CBSE) from <b>JNV Malhar, Bilaspur, INDIA</b>	2003-04
2.	All India Senior School Certificate Examination (CBSE) from <b>JNV Malhar, Bilaspur, INDIA</b>	2005-06
3.	Bachelor of Science (BSc Microbiology) from Govt. Engineer Vishwesarraiya PG College, Korba affiliated to <b>Guru Ghasidas Vishwavidyalaya, Bilaspur, INDIA</b>	2007-10
4.	Master of Science (MSc Biotechnology) from School of Studies in Biotechnology, <b>Pt. Ravishankar Shukla University, Raipur, INDIA</b>	2010-12
5.	Master of Philosophy (MPhil Biotechnology) from School of Studies in Biotechnology, <b>Pt. Ravishankar Shukla University, Raipur, INDIA</b>	2012-13
6.	Doctor of Philosophy (PhD Biotechnology) from School of Studies in Biotechnology, <b>Pt. Ravishankar Shukla University, Raipur, INDIA</b>	2013-18
	Thesis Title: Clonal Propagation and Long-Term Conservation of <i>Chlorophytum borivillianum</i> Sant et Fernand	<b>Awarded</b> Feb 12, 2018
	Supervisor: <b>Dr. Keshav Kant Sahu</b> , Prof./Head, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, INDIA	

## Academic Recognitions/ Awards

1. **2<sup>nd</sup> Rank** in the **University Merit List** (MSc 2012), Pt. Ravishankar Shukla University, Raipur, INDIA
2. **Chhattisgarh State Eligibility Test** (SET 2013: Life Sciences) Chhattisgarh Vyavsayik Pariksha Mandal, Raipur and Directorate of Higher Education of Chhattisgarh, Raipur, INDIA
3. **University Research Scholarship** (2013) Pt. Ravishankar Shukla University, Raipur, INDIA
4. **Junior Research Fellowship** (UGC-RGNF-JRF 2013-15) UGC, New Delhi, INDIA
5. **Senior Research Fellowship** (UGC-RGNF-SRF 2015-17) UGC, New Delhi, INDIA
6. **Best Paper Presentation Award** (SFEC 2016) An International Congress, Jointly Organized by National Center for Natural Resources, Pt. Ravishankar Shukla University, Raipur & Society for Ethnopharmacology, INDIA (Feb 19-21, 2016)
7. **Assistant Professor Examination** (2019) Higher Education Department, Govt. of Chhattisgarh through **CG-Public Service Commission (CG-PSC)**, Raipur, INDIA

---

## Professional Experiences

### Assistant Professor (Botany)

Pandit Ravishankar Tripathi Government College,  
Bhaiyathan 497 231, Surajpur, INDIA  
(From Apr 20, 2022 - Still Continue)

### Post-Doctoral Fellow (Contractual Position in University)

National Center for Natural Resources (NCNR/ CIF)  
Pt. Ravishankar Shukla University, Raipur 492 010, INDIA  
(From Aug 04, 2018 to Mar 31, 2022) **(3 Years 5 Months)**

### Guest Lecturer (Biology)

Center for Basic Sciences  
Pt. Ravishankar Shukla University, Raipur 492 010, INDIA  
(From Feb 07, 2018 to Apr 30, 2018) **(3 Months)**

### Senior Research Fellow (UGC-RGNF-SRF)

School of Studies in Biotechnology  
Pt. Ravishankar Shukla University, Raipur 492 010, INDIA  
(From July 30, 2015 to July 25, 2017) **(2 Years)**

### Junior Research Fellow (UGC-RGNF-JRF)

School of Studies in Biotechnology  
Pt. Ravishankar Shukla University, Raipur 492 010, INDIA  
(From July 30, 2013 to July 29, 2015) **(2 Years)**

**Research: >13 Years; Teaching: >04 Years**

## Publication Summary

<b>Research</b>	<b>15</b>	<b>Chapter in Books</b>	<b>08</b>
<b>Review</b>	<b>02</b>	<b>Article in Proceedings</b>	<b>02</b>
<b>Edited Book</b>	<b>---</b>	<b>Patent Published</b>	<b>01</b>

Publication list attached...

## Member of Professional Bodies

## Life Member

Microbiologists Society, INDIA  
C-2/12 Parijatak Apartment, Osmanabad 413 501, INDIA  
(Association's Registration No. MAHA/4814/SAT)

## Executive Member

Alumni Association of Biotechnology, Raipur  
School of Studies in Biotechnology, PRSU, Raipur 492 010  
(Association's Registration No. 29709)

## Patent Published

1. Possible drugs against Methicillin-Resistant *Staphylococcus aureus* (MRSA) from leaf extract of *Butea monosperma* (Lam.) Taub, The Patent Office Journal No. 28/2024 Dated 12/07/2024 (Indian Patent Application No. 202421044550 A)

## Editorial Responsibilities

1. **Reviewer**, Sustainable Food Technology, by **Royal Society of Chemistry (IF 5.3)**
2. **Reviewer**, Journal of Applied Research on Medicinal and Aromatic Plants, by **Elsevier (IF 3.8)**
3. **Reviewer**, South African Journal of Botany, by **Elsevier (IF 2.7)**
4. **Reviewer**, BioMed Research International, by **Wiley (IF 2.3)**
5. **Reviewer**, Genetic Resources and Crop Evolution, by **Springer Nature (IF 1.6)**
6. **Reviewer**, Helminthologia, by the **Institute of Parasitology of SAS, Slovak Republic (IF 1.1)**
7. **Reviewer**, The Canadian Journal of Chemical Engineering, by **Wiley (IF 1.9)**
8. **Reviewer**, BMC Research Notes, by **Springer Nature (SCOPUS)**
9. **Reviewer**, Discover Plants, by **Springer Nature (SCOPUS)**
10. **Reviewer**, NewBioWorld, by **AAB, Raipur (OAJ)**

## Grants Support Received

SN	Particular	Role	Agency	Amount	Session
1.	National Science Day Celebration 2026 1348/CCOST/2025 Dated 28/11/2025	Program Coordinator	Chhattisgarh Council of Science and Technology, Raipur	Rs. 25000 (Institutional)	2025-26

## Current Responsibilities

1. **Coordinator - Academic Up-gradation, Teacher Training, and Research Development Cell**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2025-26
2. **Coordinator - NEP Implementation Cell**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2024-26
3. **Coordinator - Career Guidance and Placement Cell**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2024-26
4. **Director - Research & Development Cell**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2022-26

## Previous Responsibilities

1. **Member - Departmental Research Committee Panel (Botany)**, Sant Gahira Guru Vishwavidyalaya Sarguja, Ambikapur 2024-25
2. **Center Superintendent - University NEP Semester/ Annual/ Supplementary Exam**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2022-26
3. **Internal/ External Examiner - NEP Semester/ Annual/ Supplementary Practical Examination**, Sant Gahira Guru Vishwavidyalaya Sarguja, Ambikapur 2022-26
4. **Coordinator - IQAC**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2022-24
5. **Member - RTI Cell**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2022-24
6. **Coordinator - RUSA (PM-USHA)**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2022-25
7. **Member - Academic Council**, Pandit Ravishankar Tripathi Government College, Bhaiyathan, Surajpur 2022-25

## Program Organized

1. One Day Workshop on “**Mushroom Cultivation Technique**” Jan 11, 2023 (**Convener**)
2. International e-Conference on “**Recent Advances in Biological Sciences & Opportunities in Entrepreneurship**” Jan 7-8, 2022 (**Joint Organizing Secretary**)

## Lecture Delivered/ Resource Person

1. Plant-Based Innovations: A Biological Sciences Perspective for Societal Impact. “**National Seminar on Plant Biology: Recent Challenges and Its Application in Ayurvedic Sciences**” at Department of Botany, Govt. College, Dumariya (Jarhi) Surajpur (Sept 10, 2025)
2. Approaches of Biological Sciences to Explore Plants for Societal Benefits. “**National Science Day 2025**” at Govt. Rewati Raman Mishra PG College, Surajpur (Feb 28, 2025)
3. Career: Roadmap, Struggle and Success. “**CCP-2023/ 2<sup>nd</sup> Phase Career Counselling Programme**” at DAV Mukhyamantri Public School, Kalamanjan, Surajpur (Feb 12, 2023)
4. Sophisticated Instruments and their Safety Measures. “**Learning and Activity based Workshop on Laboratory Safety Measures**” at Govt. Digvijay PG Autonomous College, Rajnandgaon (Jan 28-29, 2019)

## Publications (Research/ Review)

1. Shweta Singh, Muneesh Kumar Barman, **Ravishankar Chauhan**, Pramod Kumar Mahish (2026) Comparative study of Anti-bacterial, Enzymatic and Cytotoxicity between *Butea monosperma* (Lam) Taub (Common Red) and *Butea monosperma* var *lutea* (Rare Yellow). Research Journal of Biotechnology **Accepted [SCI/ Impact Factor: 0.2]**
2. Pramod Kumar Mahish, Shweta Singh, Kaushal Kumar Sahu, Dakeshwar Kumar Verma, Gajanan Ghodake, **Ravishankar Chauhan**, Shushil Kumar Rai, Shailesh Kumar Jadhav (2026) GC-MS metabolite profiling and computational ranking of *Butea monosperma* on their predicted contribution to antimicrobial activity against MRSA. Phytochemistry Letters 72:104131 <https://doi.org/10.1016/j.phytol.2026.104131> [SCI/ Impact Factor: 1.4]

3. **Ravishankar Chauhan**, Priya Banjare, Subir Kumar Parey, Afreen Anjum, Afaque Quraishi (2024) Low-temperature storage in dark condition improved the *in vitro* regeneration of *Plumbago zeylanica* synthetic seeds: a medicinally valuable species. *In Vitro Cellular and Developmental Biology-Plant* 60:390-395 <https://doi.org/10.1007/s11627-024-10416-1> [SCI/ Impact Factor: 2.6]
4. Satyam Kumar Kumbhakar, **Ravishankar Chauhan**, SK Jadhav, Afaque Quraishi (2023) Lead induced-toxicity in vegetables, its mitigation strategies, and potential health risk assessment: a review. *International Journal of Environmental Science and Technology* 20:5773-5798 <https://doi.org/10.1007/s13762-022-04025-x> [SCI/ Impact Factor: 3.1]
5. Satyam Kumar Kumbhakar, **Ravishankar Chauhan**, Vikram Singh, SK Jadhav, Afaque Quraishi (2022) Screening of a new candidate tree legume - *Pithecellobium dulce* (Roxb.) Benth. for Lead remediation. *Brazilian Journal of Botany* 45:929-942 <https://doi.org/10.1007/s40415-022-00830-3> [SCI/ Impact Factor: 1.6]
6. Priyanka Chouhan, Deepali Koreti, Anjali Kosre, **Ravishankar Chauhan**, SK Jadhav, Nagendra Kumar Chandrawanshi (2022) Production and Assessment of Stick-Shaped Spawns of Oyster Mushroom from Banana Leaf-Midribs. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* 92:405-414 <https://doi.org/10.1007/s40011-021-01327-x> [SCI/ Impact Factor: NA]
7. Beeta Rani Khalkho, Manas Kanti Deb, Ramsingh Kurrey, Bhuneshwari Sahu, Anushree Saha, Tarun Kumar Patle, **Ravishankar Chauhan**, Kamlesh Shrivastava (2022) Citrate functionalized gold nanoparticles assisted micro extraction of L-cysteine in milk and water samples using Fourier Transform Infrared Spectroscopy. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 267:120523 <https://doi.org/10.1016/j.saa.2021.120523> [SCI/ Impact Factor: 4.4]
8. Vikram Singh, **Ravishankar Chauhan**, Inderpal Kaur, Afaque Quraishi (2022) Assessment of culture medium without commercial ammonium nitrate for *in vitro* culture of industrially important plant species. *Plant Cell Tissue and Organ Culture* 148:95-106 <https://doi.org/10.1007/s11240-021-02167-3> [SCI/ Impact Factor: 3.0]
9. Shriram Kunjam, Shweta Singh Chauhan, **Ravishankar Chauhan**, Pramod Kumar Mahish, Shailesh Kumar Jadhav (2021) Addition of *Butea monosperma* var. *Lutea* (Fabaceae) in the flora of district Rajnandgaon, Chhattisgarh, India. *International Journal of Botany Studies* 6:394-397 [SCOPUS/ Impact Factor: NA]
10. **Ravishankar Chauhan**, Vikram Singh, S Keshavkant, Afaque Quraishi (2021) Vitrification-based cryopreservation of *in vitro*-grown apical meristems of *Chlorophytum borivillianum* Sant et Fernand: a critically endangered species. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* 91:471-476 <https://doi.org/10.1007/s40011-021-01260-z> [SCI/ Impact Factor: NA]
11. Tarun Kumar Patle, Kamlesh Shrivastava, Ramsingh Kurrey, Seema Upadhyay, Rajendra Jangde, **Ravishankar Chauhan** (2020) Phytochemical screening and determination of phenolics and flavonoids in *Dillenia pentagyna* using UV-Vis and FTIR spectroscopy. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 242:118717 <https://doi.org/10.1016/j.saa.2020.118717> [SCI/ Impact Factor: 4.4]

12. Vikram Singh, **Ravishankar Chauhan**, Afaque Quraishi (2020) Sensitive and closed tube plant DNA virus detection via PCR. *Research Journal of Biotechnology* 15:111-116 [SCI/ Impact Factor: 0.2]
13. Inderpal Kaur, Sayali Khandwekar, **Ravishankar Chauhan**, Vikram Singh, SK Jadhav, KL Tiwari, Afaque Quraishi (2019) Exploring the efficiency of native tree species grown at mine tailings, for phytoextraction of Iron and Lead. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* 89:951-956 <https://doi.org/10.1007/s40011-018-1010-0> [SCI/ Impact Factor: NA]
14. **Ravishankar Chauhan**, S Keshavkant, Afaque Quraishi (2018) Enhanced production of diosgenin through elicitation in micro-tubers of *Chlorophytum borivilianum* Sant et Fernand. *Industrial Crops and Products* 113:234-239 <https://doi.org/10.1016/j.indcrop.2018.01.029> [SCI/ Impact Factor: 5.9]
15. **Ravishankar Chauhan**, S Keshavkant, SK Jadhav, Afaque Quraishi (2016) *In vitro* slow-growth storage of *Chlorophytum borivilianum* Sant. et Fernand: a critically endangered herb. *In Vitro Cellular & Developmental Biology-Plant* 52:315-321 <https://doi.org/10.1007/s11627-016-9756-7> [SCI/ Impact Factor: 2.6]
16. **Ravishankar Chauhan**, Afaque Quraishi, SK Jadhav, S Keshavkant (2016) A comprehensive review on pharmacological properties and biotechnological aspects of Genus *Chlorophytum*. *Acta Physiologiae Plantarum* 38:116 <https://doi.org/10.1007/s11738-016-2132-8> [SCI/ Impact Factor: 2.6]
17. **Ravishankar Chauhan**, SK Jadhav, Afaque Quraishi (2014) An efficient seed germination and seedling establishment protocol for hybrid *Carica papaya* Linn. with application of plant growth regulator. *Biotechnology* 13:139-142 <https://doi.org/10.3923/biotech.2014.139.142> [SCOPUS/ Impact Factor: NA]

### Article in Conference/ Seminar Proceedings

1. Tarun Kumar Patle, **Ravishankar Chauhan**, Alka Patle, Kamlesh Shrivastava (2023) Molecular docking investigation of phytochemicals from Indian traditional medicinal plants as a fusion inhibitor of SARS-CoV-2. *Role of Applied Sciences in Social Implications Volume A: Chemical Sciences*; pp 185-239 Probecell Press, Bhilai [ISBN 978-81-956770-8-5]
2. **Ravishankar Chauhan**, SK Jadhav, Afaque Quraishi (2014) *In Vitro* Propagation of *Plumbago zeylanica*: An Endangered Medicinal Plant of Chhattisgarh. *Biotechnology and Traditional Knowledge*; pp 63-68 Biotech Books, New Delhi [ISBN 978-81-7622-330-0]

### Chapter in Books

1. Tarun Kumar Patle, **Ravishankar Chauhan**, Alka Patle, Pramod Kumar Mahish (2024) Aqueous Removal of Heavy Metals Using Biosorbents. In: Pramod Kumar Mahish, Dakeshwar Kumar Verma, Shailesh Kumar Jadhav (Eds) *Biosorbents: Diversity, Bioprocessing, and Applications*; pp 184-201, **Taylor & Francis, CRC Press, Boca Raton** [eISBN 9781003366058] <https://doi.org/10.1201/9781003366058-12>
2. Shushil Kumar Rai, Roseline Xalxo, Tarun Kumar Patle, Astha Verma, **Ravishankar Chauhan** Pramod Kumar Mahish (2023) Analyzing Contamination of Heavy Metals - AAS and Fluorescence Spectroscopy. In: Dakeshwar Kumar Verma, Chandrabhan Verma, Pramod Kumar Mahish (Eds) *Heavy Metals in the Environment: Management Strategies for Global*

Pollution; pp 167-204, **American Chemical Society, ACS Symposium Series, Washington, DC** [eISBN 9780841297050] <https://doi.org/10.1021/bk-2023-1456.ch010>

3. Tarun Kumar Patle, Pramod Kumar Mahish, **Ravishankar Chauhan** (2023) Plants Alkaloids and Flavonoids: Biosynthesis, Classification, and Medicinal Uses. In: Charu Arora, Dakeshwar Kumar Verma, Jeenat Aslam, Pramod Kumar Mahish (Eds) *Phytochemicals in Medicinal Plants: Biodiversity, Bioactivity and Drug Discovery*; pp 87-104, **Walter De Gruyter, GmbH, Berlin/Boston** [ISBN 978-3-110-79189-1] <https://doi.org/10.1515/9783110791891-004>
4. Shweta Singh Chauhan, **Ravishankar Chauhan**, Nagendra Kumar Chandrawanshi, Pramod Kumar Mahish (2023) Bioactivity of Nanoparticles Synthesized from Medicinal Plants. In: Charu Arora, Dakeshwar Kumar Verma, Jeenat Aslam, Pramod Kumar Mahish (Eds) *Phytochemicals in Medicinal Plants: Biodiversity, Bioactivity and Drug Discovery*; pp 315-330, **Walter De Gruyter, GmbH, Berlin/Boston** [ISBN 978-3-110-79189-1] <https://doi.org/10.1515/9783110791891-014>
5. Shushil Kumar Rai, **Ravishankar Chauhan** (2023) Phytochemicals in Drug Discovery. In: Charu Arora, Dakeshwar Kumar Verma, Jeenat Aslam, Pramod Kumar Mahish (Eds) *Phytochemicals in Medicinal Plants: Biodiversity, Bioactivity and Drug Discovery*; pp 331-346, **Walter De Gruyter, GmbH, Berlin/Boston** [ISBN 978-3-110-79189-1] <https://doi.org/10.1515/9783110791891-015>
6. Garima Madhariya, Shubha Diwan, **Ravishankar Chauhan**, Nagendra Kumar Chandrawanshi, Pramod Kumar Mahish (2023) Current Applications of Biomolecules in Biotechnology. In: Chandrabhan Verma, Dakeshwar Kumar Verma (Eds) *Handbook of Biomolecules: Fundamentals, Properties, and Applications*; pp 397-418, **Elsevier BV, Amsterdam** [ISBN 978-0-323-91684-4] <https://doi.org/10.1016/B978-0-323-91684-4.00027-X>
7. Pramod Kumar Mahish, Shweta Singh Chauhan, **Ravishankar Chauhan** (2022) Bioactive Secondary Metabolites from Endophytic *Phoma Spp.* In: Mahendra Rai, Beata Zimowska, György János Kövics (Eds) *Phoma: Diversity, Taxonomy, Bioactivities, and Nanotechnology*; pp 205-219, **Springer Nature, Cham, Switzerland AG** [ISBN 978-3-030-81218-8] [https://doi.org/10.1007/978-3-030-81218-8\\_11](https://doi.org/10.1007/978-3-030-81218-8_11)
8. **Ravishankar Chauhan**, Vikram Singh, Afaque Quraishi (2019) *In Vitro* Conservation through Slow-Growth Storage. In: Mohammad Faisal, Abdulrahman A Alatar (Eds) *Synthetic Seeds: Germplasm Regeneration, Preservation and Prospects*; pp 397-416, **Springer Nature, Cham, Switzerland AG** [ISBN 978-3-030-24631-0] [https://doi.org/10.1007/978-3-030-24631-0\\_19](https://doi.org/10.1007/978-3-030-24631-0_19)

### **Abstract Published/ Paper Presented\* in Conferences**

1. Sweksha Soni, **Ravishankar Chauhan** (2025) Unveiling Traditional Healing Practices for Rheumatoid Arthritis: An Ethnobotanical Study of the 'Bhui-Champa' Plant. National Seminar on Plant Biology: Recent Challenges and Its Application in Ayurvedic Sciences; Organized by Department of Botany, Govt. College, Dumariya (Jarhi) Surajpur (Sept 10, 2025)
2. Swati Kushwaha, **Ravishankar Chauhan** (2025) Exploring Plant-Based Remedies for Psoriasis through Indigenous Knowledge Systems. National Seminar on Plant Biology: Recent Challenges and Its Application in Ayurvedic Sciences; Organized by Department of Botany, Govt. College, Dumariya (Jarhi) Surajpur (Sept 10, 2025)
3. Sibtain Raza, **Ravishankar Chauhan** (2025) Plant-Based Interventions for Obsessive-Compulsive Disorder - A Review. National Seminar on Plant Biology: Recent Challenges and

- Its Application in Ayurvedic Sciences; Organized by Department of Botany, Govt. College, Dumariya (Jarhi) Surajpur (Sept 10, 2025)
4. Jitendra Kumar Kushwaha, **Ravishankar Chauhan** (2025) Role of Indian Traditional Knowledge System in Diabetes Management: Insights from Local Healers of Bhaiyathan Block of Surajpur District. National Seminar on Plant Biology: Recent Challenges and Its Application in Ayurvedic Sciences; Organized by Department of Botany, Govt. College, Dumariya (Jarhi) Surajpur (Sept 10, 2025)
  5. Dileep Yadav, **Ravishankar Chauhan** (2025) Ethnobotanical Perspectives on Hemorrhoids Management: Traditional Use of Chirchita and Umjhar Plant by Indigenous Healers. National Seminar on Plant Biology: Recent Challenges and Its Application in Ayurvedic Sciences; Organized by Department of Botany, Govt. College, Dumariya (Jarhi) Surajpur (Sept 10, 2025)
  6. **Ravishankar Chauhan\*** (2025) *Leonotis nepetifolia* (L) R Br: A species with enormous medicinal and pharmacological potential. National Conference on Recent Trends in Life Science (NCRTLS); Organized by Swami Atmanand Government English Medium Model College, Somni, Rajnandgaon (Apr 12, 2025)
  7. Vikram Singh, **Ravishankar Chauhan**, Inderpal Kaur, Afaque Quraishi, (2022) Development and Assessment of a Modified Ammonium Nitrate Deficient MS Medium for Propagating Commercially Important Plants. Internnational *e*-Conference on Recent Advances in Biological Sciences & Opportunities in Entrepreneurship; Organized by School of Studies in Biotechnology & Alumni Association of Biotechnology, Pt. Ravishankar Shukla University, Raipur (Jan 7-8, 2022) pp 139
  8. **Ravishankar Chauhan\***, Vikram Singh, S Keshavkant, Afaque Quraishi, (2020) Influence of Preculture and Cryoprotectants on Recovery of Cryopreserved *In Vitro*-Grown Apical Meristems of *Chlorophytum borivilianum*. National Conference on Recent Advances & Trends in Biotechnology; Organized by School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (Jan 10-12, 2020) pp 150
  9. **Ravishankar Chauhan\***, Vikram Singh, S Keshavkant, Afaque Quraishi, (2019) Cryopreservation of *Chlorophytum borivilianum* Sant et Fernand Meristematic Tips. International Conference on Fostering Interdisciplinary Research in Medicines; Organized by University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (Jan 19-21, 2019)
  10. Afaque Quraishi, S Keshavkant, **Ravishankar Chauhan** (2018) Impact of Elicitors on Production of Diosgenin in Micro-tubers of Safed Musli. National Conference on Plant and Microbial Products: Progress, Potential & IPR issues; Organized by Department of Botany, Guru Ghasidas Vishwavidyalaya, Bilaspur (Feb 7-9, 2018) pp 34
  11. **Ravishankar Chauhan\*** (2016) *In Vitro* Conservation Approaches for *Chlorophytum borivilianum* Sant et Fernand. 14<sup>th</sup> Chhattisgarh Young Scientist Congress; Organized by Bilaspur Vishwavidyalaya, Bilaspur (Feb 28-29, 2016)
  12. **Ravishankar Chauhan**, Afaque Quraishi, SK Jadhav, S Keshavkant (2016) *In Vitro* Conservation of *Chlorophytum borivilianum* Sant et Fernand via Vitrification based Cryopreservation. 3<sup>rd</sup> International Congress Society for Ethno-pharmacology & Evaluation of Medicinal Plants - Global Perspectives; Organized by National Center for Natural Resources, Pt. Ravishankar Shukla University, Raipur & Society for Ethnopharmacology, India (Feb 19-21, 2016) Journal of Ravishankar University (Part-B: Science), 29(1), pp 73

13. **Ravishankar Chauhan\***, S Keshavkant, SK Jadhav, Afaque Quraishi, (2016) *In Vitro* Tuberculation and Slow Growth Conservation of *Chlorophytum borivilianum* Sant et Fernand. 3<sup>rd</sup> International Congress Society for Ethno-pharmacology & Evaluation of Medicinal Plants - Global Perspectives; Organized by National Center for Natural Resources, Pt. Ravishankar Shukla University, Raipur & Society for Ethnopharmacology, India (Feb 19-21, 2016), Journal of Ravishankar University (Part-B: Science), 29(1), pp 73
14. **Ravishankar Chauhan\***, Afaque Quraishi, SK Jadhav, S Keshavkant (2016) Modifications in Murashige and Skoog Medium to Overcome the Scarcity of Ammonium Nitrate in R&D Laboratories and Industries of Plant Tissue Culture. National Seminar on Innovations & Prospects in Biotechnology; Organized by School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (Jan 02-04, 2016)
15. **Ravishankar Chauhan\***, SK Jadhav, Afaque Quraishi (2015) *In Vitro* Germination of Hybrid Papaya Seeds. National Seminar on Biodiversity of Medicinal and Aromatic Plants with respect to its Collection, Conservation & Characterization; Organized by GD Rungta College of Science & Technology, Bhilai (Jan 28-29, 2015)
16. **Ravishankar Chauhan\***, SK Jadhav, Afaque Quraishi (2013) *In Vitro* Shoot Multiplication of *Plumbago zeylanica*: An Endangered Medicinal Plant of Chhattisgarh. National Conference on Traditional Knowledge & Biotechnology; Organized by School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (Nov 22-24, 2013)

### Participation in FDPs/ Workshops/ Training Programme

1. Refresher Course on “**Interdisciplinary Life Sciences**”; UGC-Malaviya Mission Teacher Training Centre, Guru Ghasidas Vishwavidyalaya, Bilaspur (Oct 14 - Oct 26, 2024)
2. Orientation & Sensitization Programme on “**NEP 2020**”; Organized by UGC-MMTTC, Kumaun University, Nainital (May 13 - 22, 2024)
3. **Faculty Induction Programme-18**; Organized by UGC-Human Resource Development Centre, Kumaun University, Nainital (Jun 19 - July 19, 2023)
4. National Faculty Development Programme on “**ICT Tools for Effective Teaching and Learning**”; Organized by IQAC, Kamla Nehru Mahavidyalaya, Nagpur (May 29 - June 03, 2023)
5. NAAC Awareness Workshop on “**Preparation for Assessment and Accreditation for Accredited/ Non-Accredited Colleges/ Universities**”; Organized by Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur (May 18-19, 2023)
6. National Webinar on “**Fungi in Human Welfare**”; Organized by Govt. Rewati Raman Mishra PG College, Surajpur (Mar 28, 2023)
7. National Faculty Development Programme on “**Research Methodology and Publication Ethics**”; Organized by IQAC, Rajeev Gandhi Govt. PG College, Ambikapur (Mar 20-25, 2023)
8. Hands on Workshop on “**Nanoparticles, HP-TLC and RT-PCR**”; in International Conference on Fostering Interdisciplinary Research in Medicines organized by University Institute of Pharmacy, PRSU, Raipur (Jan 19-21, 2019)

9. Workshop on **“Opportunities and Entrepreneurship in Biotechnology”**; Jointly organized by School of Studies in Biotechnology and Chhattisgarh Biotechnology Promotion Society, Govt. of Chhattisgarh, Raipur (Mar 31, 2017)
10. Hands on Workshop on **“Molecular Biology (HiPer® Teaching Kits)”**; Organized by HiMedia Laboratories Pvt. Ltd., Mumbai (Oct 30-31, 2015)
11. Workshop on **“h-index, i10-index and Scopus”**; Organized by IQAC, PRSU, Raipur (Jan 17, 2015)
12. Seventh **Science Conclave & Inspire Internship Program-2014**; Organized at the Indian Institute of Information Technology, Allahabad (Dec 08-12, 2014)
13. Hands on Workshop on **“Molecular Biology (HiPer® Teaching Kits)”**; Organized by HiMedia Laboratories Pvt. Ltd., Mumbai (Oct 13-14, 2014)
14. Workshop on **“Prospection and Sustainable Use of Medicinal Plants of Chhattisgarh”**; Organized under the auspices of National Center for Natural Resources, PRSU, Raipur (Sep 10-11, 2012)

**ORCID:**                    **0000-0002-1456-7142**  
**Scopus-ID:**               **57220732628**

Updated on January, 2026