

Curriculum Vitae

Name **DR. AFAQUE QURAISHI**
Present Status Associate Professor
School of Studies in Biotechnology
Pt. Ravishankar Shukla University
Raipur (Chhattisgarh) 492 010

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Education:

Ph.D. in Bioscience (1998) from Pt. Ravishankar Shukla University, Raipur (CG), on:
“Studies on *in vitro* regeneration of some fuel-wood species”
M.Sc. Botany (1990) from Guru Ghasidas University, Bilaspur (CG)

FELLOWSHIPS RECEIVED:

Research Associate, CSIR:

Project Title: Micropropagation and Somaclonal variation assessment of Neem
& Mangium
Funding Agency: Council of Scientific and Industrial Research, New Delhi
Duration: 1st Feb 2002 to 16th Aug. 2004

Project Fellow (JRF / SRF):

Project Title: Biomass Research Center
Funding Agency: Ministry of Non-Conventional Energy Sources, New Delhi
Duration: July 1991 to June 1996

POSITIONS HELD

1. Associate Professor in Biotechnology

Institute: Pt. Ravishankar Shukla University, Raipur CG
Duration: 15/09/2020 to continue

2. Assistant Professor in Biotechnology

Institute: Pt. Ravishankar Shukla University, Raipur CG
Duration: 15/09/2008 to 15/09/2020

3. Lecturer (Botany) (Under Section 28):

Institute: MATS College, Raipur CG
Duration: 21/09/2007 to 15/09/2008

4. Coordinator (Life Science Dept):

Institute: Mahaveer Academy of Technology & Sciences, Raipur CG
Duration: 10/07/2006 to 21/09/2007

5. Lecturer in Biotechnology:

Institute: Rai Foundation College (Erstwhile Rai University), Raipur (CG)
Duration: 17/08/2004 to 10/07/2006

6. Scientist:

Biotech Industry: Plant Tissue Culture Unit, Shrishrimal Plantation Ltd, Raipur CG
Duration: 01/07/1996 to 31/05/2001

Awards

Best Oral Presentation: Quraishi Afaq, Keshavkant S & Chauhan R (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' at Dept of Botany, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG), 7-9 Feb 2018, pp 34

Young Scientist Award (1994) by Madhya Pradesh Council of Science and Technology; at Sagar (MP), on paper "*In vitro* micropropagation from nodal segments of *Cleistanthus collinus* Benth."

TRAINING

| S N | Training Program | Agency | Duration |
|--------|--|--|--------------------------------------|
| 1 | Workshop on Career Advancement Scheme | IQAC & Malaviya Mission Teacher Training Centre, Pt. Ravishankar Shukla University, Raipur, (C.G.) | 13.0.2024 |
| 2 | NEP 2020 Orientation & Sensitization Program under Malaviya Mission Teacher Training Program of University Grants Commission | Malaviya Mission Teacher Training Centre, Pt. Ravishankar Shukla University, Raipur, (C.G.) | 03.01.2024 – 12.01.2024 |
| 3 | Refresher Course on "Fundamentals of Research Methodology" | UGC-Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG | Three weeks: 01.12.2017 – 21.12.2017 |
| 4 | 'Special Summer School' on "Paradigm shift in Higher Education." | UGC-Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG | Three weeks: 20.07.2015 – 09.08.2015 |
| 5 | 'Refresher Course' on "Biotechnology-21 st Century" | UGC-Academic Staff College, Pt. Ravishankar Shukla University, Raipur CG | Three weeks: 17/07/2012 - 06/08/2012 |

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|---|---|---|---|
| 6 | 'Orientation Program' on "Education & Development" | UGC-Academic Staff College, Pt. Ravishankar Shukla University, Raipur CG | Four weeks: 28/01/2012 - 24/02/2012 |
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RESEARCH PROJECTS:

INDIVIDUAL:

PI: "Herbal Treatment for the Rheumatoid Arthritis" Pt. Deendayal Upadhyay Memorial Health Sciences and AYUSH University of Chhattisgarh, Raipur. Rs. 3 Lakh (2018-19). Sanction No. F-178/2482/DUHS/Acad/2018 dated 16.05.2018 (15.10.18 to 15.10.19)

PI: "True-to-type *in vitro* conservation of Safed Musli (*Chlorophytum borivillianum* Sant. Et Fernand.): a rare medicinal plant of India" Chhattisgarh Council of Science & Technology, Raipur. Rs. 5 Lakh (2014-17). Endt. No. 1089/CCOST/MRP/2014 dated 04.09.2014 (1.9.14 to 31.8.17)

Co-PI: "Screening of Microbes for Bioethanol production from Mahua (*Madhuca indica*) flowers" UGC Major Project: Rs. 7.41 Lakh (2011-14)

Co-PI: "Development & standardization of micropropagation protocol for banana & sugarcane" CG COST: Rs. 3.63 Lakh (2008-09)

INSTITUTIONAL:

Co-PI: "National Centre for Natural Resources" (NCNR) Dept. of Science & Technology, New Delhi, Rs. 9.05 Cr. (2012-17)

DST-FIST Level I, Dept. of Science & Technology, New Delhi, Rs. 44 Lakh (2013-18)

PUBLICATIONS:

Research Papers:

Anjum Afreen, Adil S, **Quraishi Afaq** (2024) Morphological and biochemical alterations during *in vitro* microrhizome formation of *Curcuma caesia* Roxb. Journal of Plant Biochemistry and Biotechnology, doi.org/10.1007/s13562-024-00892-2 **JIF: 1.9**

Patel S, Anjum A, Joshi V, **Quraishi Afaq** (2024). Enhanced antioxidant activity in *Curcuma caesia* Roxb. microrhizomes treated with silver nanoparticles. Journal of Ravishankar University (Part-B: Science) 37(1):49-71 <https://doi.org/10.52228/JRUB.2024-37-1-4>

Chauhan R, Banjare P, Parey SK, Anjum A, **Quraishi Afaq** (2024) Low-temperature storage in dark condition improved the *in vitro* regeneration of *Plumbago zeylanica* synthetic seeds: a medicinally valuable species

- In Vitro Cellular & Developmental Biology – Plant*, doi.org/10.1007/s11627-024-10416-1 [JIF: 2.6]
- Agrawal Tripti, **Quraishi Afaq** (2024) *In vitro* seed germination for the seedling rescue of *Buchanania cochinchinensis* (Lour.) M.R. Almeida - a valuable tropical forest tree. *Vegetos*, DOI: 10.1007/s42535-024-00864-w [Scopus indexed]
- Agrawal Tripti, Quraishi Afaq (2023) *Buchanania lanzan* Spreng: An underutilised and valuable tropical fruit tree native to Indian forests. *Journal of Ravishankar University (Part-B: Science)* 36(2):126-143 <https://doi.org/10.52228/JRUB.2023-36-2-9>
- Agrawal Tripti, **Quraishi Afaq** (2023) Assessing the genetic diversity of *Buchanania lanzan* Spreng. (Chironji) using inter simple sequence repeat markers. *Genetic Resources and Crop Evolution*, doi.org/10.1007/s10722-023-01812-4 [JIF: 2.0]
- Anjum Afreen, **Quraishi Afaq** (2023) Enhanced epicurzerenone production via *in vitro* elicitation of microrhizomes of *Curcuma caesia* Roxb. *In vitro Cellular & Developmental Biology: Plant*, doi.org/10.1007/s11627-023-10390-0 [JIF: 2.6]
- Anjum Afreen, Singh Vikram, Adil Smriti, **Quraishi Afaq** (2022) *In vitro* propagation of *Curcuma caesia* Roxb. via bud culture technique and ISSR profiling of the plantlets for genetic homogeneity. *Research Journal of Biotechnology* 17(12):48-54 doi: <https://doi.org/10.25303/1712rjbt48054> [JIF: 0.2]
- Kumbhakar SK, Chauhan R, Singh V, Jadhav SK, **Quraishi Afaq** (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> [JIF: 1.6]
- Adil S, Singh V, Anjum A, **Quraishi Afaq** (2022) A mini-review on electrotherapeutic strategy for the plant viral elimination. *Plant Cell, Tissue and Organ Culture* 150:41-55 <https://doi.org/10.1007/s11240-022-02265-w> [JIF: 3.0]
- Kumbhakar SK, Chauhan R, Jadhav SK, **Quraishi Afaq** (2022) 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> [JIF: 3.1]
- Singh Vikram, Adil Smriti, **Quraishi Afaq** (2022) Elimination of BBTV via a systemic *in vitro* electrotherapy approach. *Journal of Virological Methods* 300:114367 doi.org/10.1016/j.jviromet.2021.114367 [JIF: 3.1]
- Singh Vikram, Chauhan Ravishankar, Kaur Inderpal, **Quraishi Afaq** (2021) 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> [JIF: 2.726]
- Chauhan R, Singh V, Keshavkant S, **Quraishi Afaq** (2021) Vitrification-based cryopreservation of *in vitro*-grown apical meristems of *Chlorophytum borivilianum* Sant et Fernand: a critically endangered species. *Proceedings of the National Academy of Sciences India Section B-Biological Sciences* 91(2):471-476 [SCI & Scopus indexed]
- Paul JS, Jadhav SK, **Quraishi Afaq**, Naik ML (2020) Ferret out a Natural Bio-Pesticide: *Ophicordyceps nutans* in Central India and its interaction analysis with Tree Stink Bug. *Proceedings of the Zoological Society* 73(3):316–319 <https://doi.org/10.1007/s12595-020-00328-4> [SCI, Scopus indexed]

- Singh Vikram, Chauhan R, **Quraishi Afaq** (2020) Sensitive and closed tube plant DNA virus detection via PCR. *Research Journal of Biotechnology* 15(6):111-116 [SCI]
- Ekka G, Jadhav SK, **Quraishi Afaq** (2020) Effect of exogenous additives on oxidative stress and defense system of a tree – *Zanthoxylum armatum* DC. under *in vitro* conditions. *Plant Cell, Tissue and Organ Culture* 140:671-676 [JIF: 2.711]
- Kaur Inderpal, Khandwekar S, Chauhan R, Singh V, Jadhav SK, Tiwari KL, **Quraishi Afaq** (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(3):951-956 (SCI, Scopus)
- Singh Vikram, Koche Vijaya, **Quraishi Afaq** (2019) *In vitro* antiviral chemical treatment to BBTV-infected banana cultures for production of virus-free plants. *Research & Reviews: A Journal of Life Sciences* 9(3):11–16 (UGC Journal no. 62799)
- Agrawal T, Jadhav SK, **Quraishi Afaq** (2019) Bioethanol production from *Madhuca latifolia* L. flowers by a newly isolated strain of *Pichia kudriavzevii*. *Energy & Environment* 30(8):1477–1490 [JIF: 1.775]
- Agrawal T, Jadhav SK, **Quraishi Afaq** (2019) Bioethanol production from an agrowaste, deoiled rice bran by *Saccharomyces cerevisiae* MTCC 4780 via optimization of fermentation parameters. *EnvironmentAsia* 12(1):20-24 (SCI, Scopus Indexed)
- Kaur Inderpal, Jadhav SK, Tiwari KL, **Quraishi Afaq** (2018) Lead tolerance and its accumulation by a tree legume: *Dalbergia sissoo* DC. *Bulletin of Environmental Contamination and Toxicology* 101:506-513 [JIF: 1.65]
- Chauhan R, Keshavkant S, **Quraishi Afaq** (2018) Enhanced production of diosgenin through elicitation in micro-tubers of *Chlorophytum borivilium* Sant et Fernand. *Industrial Crops & Products* 113:234-239 [JIF: 4.191]
- Quraishi Afaq**, Mehar Snigdha, Sahu Durga, Jadhav SK (2017) *In vitro* mid-term conservation of *Acorus calamus* L. via cold storage of encapsulated micro-rhizome. *Brazilian Archives of Biology and Technology* 60:e17160378; DOI 10.1590/1678-4324-2017160378 [JIF: 0.676]
- Chauhan R, **Quraishi Afaq**, Jadhav SK, Keshavkant S (2016) A comprehensive review on pharmacological properties and biotechnological aspects of Genus *Chlorophytum*. *Acta Physiologiae Plantarum* 38:116; DOI 10.1007/s11738-016-2132-8 [JIF: 1.364]
- Chauhan R, Keshavkant S, Jadhav SK, **Quraishi Afaq** (2016) *In Vitro* Slow-Growth Storage of *Chlorophytum borivilium* Sant et Fernand: A Critically Endangered Herb. *In vitro Cellular & Developmental Biology: Plant* 52(3):315-321; DOI: 10.1007/s11627-016-9756-7 [JIF: 1.024]
- Sethia Kiran, Kaushik Alka, Jadhav SK, **Quraishi Afaq** (2015) Effect of operational parameters on cow dung mediated microbial fuel cell. *World Journal of Engineering* 12(6):541-550 (SCI, Scopus indexed)
- Chandrawanshi NK, Jadhav SK, Tiwari KL, **Quraishi Afaq** (2015) *In vitro* tuberization and colchicine content analysis of *Gloriosa superba* L.

- Biotechnology 14(3):142-147 DOI: 10.3923/biotech.2015.142.147 (Scopus indexed)
- Chauhan R, Jadhav SK, **Quraishi A** (2014) An efficient seed germination and seedling establishment protocol hybrid *Carica papaya* Linn. with application of plant growth regulator. Biotechnology 13(3):139-142 (Scopus indexed)
- Quraishi A**, Jadhav SK, Gupta S (2011) *In vitro* clonal propagation of *Cassia tora* L. (Coffee Pod): A medicinal plant. Biotechnology 10(6): 546-550 (Scopus indexed)
- Sharma P, Koche V, **Quraishi A**, Mishra SK (2005) Somatic embryogenesis in *Buchanania lanzan* Spreng. *In vitro Cellular & Developmental Biol.: Plant* 41: 645-647 [JIF: 1.06]
- Quraishi A**, Koche V, Sharma P, Mishra SK (2004) *In vitro* clonal propagation of neem (*Azadirachta indica*). *Plant Cell, Tissue & Organ Culture* 78(3): 281-284 [JIF: 1.2]
- Quraishi A**, Mishra SK (1998) Micropropagation of nodal segments from adult trees of *Cleistanthus collinus*. *Plant Cell Reports* 17(5): 430-433 [JIF: 2.2]
- Quraishi A**, Koche V, Mishra SK (1997) Micropropagation of *Lagerstroemia parviflora* through axillary bud culture. *Silvae Genetica* 46(4): 242-245 [JIF: 0.6]
- Quraishi A**, Koche V, Mishra SK (1996) *In vitro* micropropagation from nodal segments of *Cleistanthus collinus*. *Plant Cell Tissue & Organ Culture* 45: 87–91 [JIF: 1.2]
- Quraishi A**, Biswas J, Mishra SK (1996) Seed weight related germination capacity in *Cleistanthus collinus*. *Indian Journal of Forestry* 19(1):79 – 82

Sequence submitted to the NCBI

A partial Gene sequence of the banana bunchy top virus isolate Raipur coat protein gene has been submitted and published in NCBI Genbank- accession number MK614017 (Central Chhattisgarh, Raipur, India).

Book edited

Jadhav SK, Sahu KK, **Quraishi A**, Shukla KK, Chandrawanshi NK (2014) Biotechnology and traditional knowledge. Biotech Books, New Delhi (ISBN: 978-81-7622-330-0)

Book Chapters

- Ekka G, Jadhav SK, **Quraishi Afaque** (2020) An overview of Genus *Zanthoxylum* with special reference to its herbal significance and application. In: M Akram, RS Ahmad (Eds) Herbs and Spices, IntechOpen, London, UK; <http://dx.doi.org/10.5772/intechopen.92459> (ISBN 978-1-83962-936-5)
- Chauhan R, Singh Vikram, **Quraishi Afaque** (2019) *In vitro* conservation through slow-growth storage. In: M Faisal, AA Alatar (Eds) Synthetic Seeds, Springer Nature Switzerland AG 2019, pp 397-416; https://doi.org/10.1007/978-3-030-24631-0_19 (ISBN 9783030246303)
- Quraishi A** (May, 2013) *In vitro* clonal propagation of forests trees: By bud culture technique. In: Modern Biotechnology and its Applications: Part 1. KK Behera (Ed.) New India Publishing Agency, New Delhi, pp 47-56 (ISBN: 9789381450833)

Served as a Resource Person

- Judge** in the '31st State Level Children Science Congress' organized by Chhattisgarh Council of Science & Technology, Raipur, 7 – 8 Dec 2023
- Judge** for Life Sciences stream in 37th Young Scientist Congress organized by Madhya Pradesh Council of Science & Technology, Bhopal and Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya (MP), 14 – 17 March 2022 (Online mode)
- Chairperson** of a Technical Session at the “International E-Conference on Recent Advances in Biological Sciences & Opportunities in Entrepreneurship” jointly organized by the School of Studies in Biotechnology & Alumni Association of Biotechnology, Pt. Ravishankar Shukla University, Raipur (India) in academic partnership with Pt. Deendayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur (India), 7-8 Jan 2022
- Judge** in the '29th State Level Children Science Congress' organized by Chhattisgarh Council of Science & Technology, Raipur, 6 – 8 Dec 2021
- Judge** for Life Sciences stream in 36th Young Scientist Congress organized by Madhya Pradesh Council of Science & Technology, Bhopal and Vikram University, Ujjain (MP), 23-26 March 2021 (Online mode)
- Judge** for Life Sciences stream in 35th Young Scientist Congress organized by Madhya Pradesh Council of Science & Technology, Bhopal at Shri Govindram Seksari Institute of Technology and Science, Indore (MP), 28-29 Feb 2020
- Chairperson** for the Poster Presentation Session I in the 3rd International Congress of the Society for Ethno-pharmacology, India- “Ethno-pharmacology & Evaluation of Medicinal Plants – Global Perspectives”. National Center for Natural Resources, Pt. Ravishankar Shukla University, Raipur, Feb 19-21, 2016

Invited Lectures

- “*In vitro* elimination of banana bunchy top virus from infected cultures” (18.01.2023) National Conference on ‘Innovation and Emerging Novel Research in Plant Sciences’ organized by the Dept of Botany, Govt. VYT PG College, Durg (Chhattisgarh)
- “Critical aspects for tissue culture of the woody plant species” (22.02.2019) International Training Program on Commercial Plant Tissue Culture at Raipur (India), organized by Biotech India Consortium Limited, New Delhi, under the aegis of Ministry of External Affairs, Govt. of India
- “Key Steps of Micropropagation” (20.11.2017) International Training Program on Commercial Plant Tissue Culture at Raipur (India), organized by Biotech India Consortium Limited, New Delhi, an organization created by an initiative of the Department of Biotechnology, Government of India
- “Prevention of Contamination and Elimination of Endophytes during tissue culture” (28.11.2017) International Training Program on Commercial Plant Tissue Culture at Raipur (India), organized by- Biotech India Consortium Limited, New Delhi, an organization created by an initiative of the Department of Biotechnology, Government of India

“Plant Tissue Culture: Techniques & Applications” (27.02.2016) Workshop on ‘Implication of plant tissue culture on plant biodiversity’ Sai College, Sector 6, Bhilai (Chhattisgarh)

Reviewer of the Journals:

- Scientific Reports [JIF: 4.996]
- Silicon [JIF: 3.4]
- Bulletin of Environmental Contamination and Toxicology [JIF: 2.807]
- Industrial Crops and Products [JIF: 5.9]
- European Journal of Plant Pathology [JIF: 1.8]
- International Journal of Environmental Science and Technology [3.1]
- Journal of Plant Diseases and Protection [JIF: 1.847]

Paper presented in Seminars / Conferences:

Quraishi Afaque (2019) Rapid, sensitive and closed-tube detection of plant DNA virus through PCR. Second International Conference on Fostering Interdisciplinary Research in Health Sciences (ICFIRHS) at AIMST University, Bedong, Malaysia, 14-15 Sept 2019

Quraishi Afaque (2019) A rapid assay to diagnose banana bunchy top virus in various symptomatic and asymptomatic banana plants. International Conference on ‘Fostering Interdisciplinary Research in Medicines’ at University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur CG, 19-21 Jan 2019

Quraishi Afaque, Keshavkant S & Chauhan R (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’ at Dept of Botany, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG), 7-9 Feb 2018, pp 34

Chauhan R, Quraishi Afaque, Jadhav SK & Keshavkant S (2016) *In vitro* conservation of *Chlorophytum borivilianum* Sant et Fernand, via vitrification based cryopreservation. 3rd International Congress of the Society for Ethnopharmacology, India- “Ethno-pharmacology & Evaluation of Medicinal Plants – Global Perspectives. National Center for Natural Resources, Pt. Ravishankar Shukla University, Raipur, Feb 19-21, 2016, pp 73

Naik ML, Jadhav SK, Lader S, Bhushan S, Sharma DK, Nishad CK & Quraishi A (2016) A phyto-sociological analysis of forests of Raigarh (CG) district. National Seminar on ‘Innovations & Prospects in Biotechnology’ School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur CG, 2 – 4 Jan 2016, pp 36

Mehar S, Jadhav SK & Quraishi A (2012) *In vitro* conservation of *Acorus calamus* L. National Seminar on ‘Changing Environment and its Impact on Biodiversity.’ Dept of Botany, Govt. DB Girls PG Autonomous College, Raipur CG, 11 - 12 Oct 2012, pp 49

Quraishi A (1994) *In vitro* micropropagation from nodal segments of *Cleistanthus collinus* Benth. Ninth M.P. Young Scientist Congress by Madhya Pradesh Council of Science and Technology at Dr. HS Gour Vishwavidyalaya, Sagar (MP), 28th Feb to 2nd March 1994, pp 22-23.

Quraishi A, Koche V, Mishra SK (1997) Studies on *in vitro* propagation of *Lagerstroemia parviflora*. IUFRO Symposium on Innovations in Forest Tree Seed Science & Nursery Technology at School of Life Sciences, Pt. Ravishankar Shukla University, Raipur, 22nd to 25th Nov 1997, pp 104.

Program organized:

Organizing Secretary of ‘Science Promotion Activity’. A two-day program organized by Pt. Ravishankar Shukla University, Raipur CG and funded by Chhattisgarh Council of Science & Technology, Raipur (India). A science quiz on ‘Sustainable Development’ and a popular science talk on 23rd Sept & 6th Oct 2023, respectively.

Organizing Secretary of ‘Science Promotion Activity’. A one-day program organized by Pt. Ravishankar Shukla University, Raipur CG and catalyzed by Chhattisgarh Council of Science & Technology, Raipur. A science quiz on ‘Green Energy’ and a popular science talk. 15th Feb 2020.

International Training program- Organized a four-day training program on ‘banana virus indexing’ and ‘genetic fidelity testing in tissue-cultured banana plants’, for 13 African candidates from July 23 to 26, 2018, funded by Biotech Consortium India Ltd. (BCIL), New Delhi. BCIL is an organization created by the Dept. of Biotechnology, New Delhi, GoI.

Membership in the editorial board

Member of the editorial board- NewBioWorld, a journal of the Alumni Association of School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)

Ph.D. Supervised:

| S N | Name of the Scholar | Status/ Award Year | Title |
|------------|----------------------------|---------------------------|---|
| 1 | Vikram Singh | 12.3.2021 | Development and standardization of <i>in vitro</i> propagation protocol for virus free Banana (<i>Musa</i> sp. AAA) cv 'Grand Naine' |
| 2 | Ms Smriti Adil | 30.1.2023 | Exploration of electrotherapy to eliminate banana bunchy top virus from <i>Musa</i> spp. (AAA) cultivar ‘Grand Nain’ |
| 3 | Ms Afreen Anjum | 18.3.2024 | <i>In vitro</i> propagation, elicitation of active component and conservation of Kali haldi (<i>Curcuma caesia</i> Roxb.) |
| 4 | Ms Tripti Agrawal | Registered | Genetic diversity analysis, <i>in vitro</i> seed germination and propagation strategies for <i>Buchanania lanzan</i> Spreng. |
| 5 | Ms Ankita Rathi | Registered | Exploration of nano seed priming for alleviating salinity stress in rice variety ‘Swarna’; as a motel test plant |

DECLARATION

I declare that the information above is correct to the best of my knowledge.

Place: Raipur, CG (India)

Dr. Afaque Quraishi

Date: 27.05.2024