

CURRICULUM VITAE

Name: DR RAVISHANKAR CHAUHAN

Date of Birth: March 18, 1988

Marital Status: Single

Parents Name: Shri Laxman Chauhan
Smt Kanti Devi Chauhan



Corresponding Address: National Center for Natural Resources
Pt. Ravishankar Shukla University,
Raipur 492 010, CG, India
Mobile Number +91 - 7987013997
E-mail ID: ravi18bt@gmail.com

Permanent Address: D/S 462, Balgi Project
Balgi 495 455, Korba, CG, India

Specialization: Plant Biotechnology

Educational Qualification:

Qualification	Board/ University	School/ College	Session	Percentage
PhD Biotechnology	Pt. Ravishankar Shukla University, Raipur, India	School of Studies in Biotechnology	Awarded 12-02-2018	-
MPhil Biotechnology	Pt. Ravishankar Shukla University, Raipur, India	School of Studies in Biotechnology	2012-13	75.80
MSc Biotechnology	Pt. Ravishankar Shukla University, Raipur, India	School of Studies in Biotechnology	2010-12	72.50
BSc Microbiology	Guru Ghasidas University, Bilaspur, India	Govt. E.V. Post Graduate College, Korba	2007-10	68.00
AISSCE (12th)	CBSE, New Delhi, India	Jawahar Navodaya Vidyalaya Malhar, Bilaspur	2005-06	67.60
AISSE (10th)	CBSE, New Delhi, India	Jawahar Navodaya Vidyalaya Malhar, Bilaspur	2003-04	72.40

Position Held:

Guest Lecturer

Center for Basic Sciences

Pt. Ravishankar Shukla University, Raipur 492 010

(From Feb 07, 2018 to April 30, 2018)

Post Doctoral Fellow

National Center for Natural Resources

Pt. Ravishankar Shukla University, Raipur 492 010

(From Aug 04, 2018 to Still Continue)

Academic Recognitions/ Awards:

- **Secured 2nd rank in the University Merit List** (2012), Pt. Ravishankar Shukla University, Raipur, India
- **Chhattisgarh State Eligibility Test** (CGSET-2013: Life Sciences) VYAPAM, Raipur, India
- **University Research Scholarship** (2013-14) Pt. Ravishankar Shukla University, Raipur, India
- **Rajiv Gandhi National Fellowship** (UGC-RGNF-JRF 2013-15/ SRF 2015-17) University Grants Commission, New Delhi, India
- **Best Paper Presentation Award:** SFEC-2016, An International Congress, jointly organized by NCNR, PRSU, Raipur & SFE, India (Feb 19-21, 2016)
- **Resource Person:** In Learning and Activity based Workshop on Laboratory Safety Measures at Govt. Digvijay PG Autonomous College, Rajnandgaon (Jan 28-29, 2019)

Research Publications:

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 [IF: 0.396]

Ravishankar Chauhan, S Keshavkant and Afaque Quraishi (2018) Enhanced production of diosgenin through elicitation in micro-tubers of *Chlorophytum borivillianum* Sant et Fernand. Industrial Crops and Products 113:234-239 [IF: 4.191]

Ravishankar Chauhan, S Keshavkant, SK Jadhav and 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 [IF: 1.454]

Ravishankar Chauhan, Afaque Quraishi, SK Jadhav and S Keshavkant (2016) A comprehensive review on pharmacological properties and biotechnological aspects of Genus *Chlorophytum*. Acta Physiologiae Plantarum 38:116 [IF: 1.608]

Ravishankar Chauhan, SK Jadhav and 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. [SCOPUS]

Book Chapter:

Ravishankar Chauhan, Vikram Singh, Afaque Quraishi (2019) *In Vitro* Conservation through Slow-Growth Storage. In: Mohammad Faisal, Abdulrahman A Alatar (Eds) Synthetic Seeds, Springer[©] [ISBN 978-3-030-24630-3]

Ravishankar Chauhan, SK Jadhav and 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]

Paper Presented:

“*In Vitro* Production of Steroidal Sapogenin in Safed Musli” in National Conference on Wild Life: Its Nature, Declined and Conservation in India organized by Govt. Digvijay PG Autonomous College, Rajnandgaon (Jan 30-31, 2019)

“Cryopreservation of *Chlorophytum borivilianum* Sant et Fernand Meristematic Tips” in International Conference on Fostering Interdisciplinary Research in Medicines organized by University Institute of Pharmacy, PRSU, Raipur (Jan 19-21, 2019)

“*In Vitro* Conservation Approaches for *Chlorophytum borivilianum* Sant et Fernand” in 14th Chhattisgarh Young Scientist Congress organized by Bilaspur Vishwavidyalaya, Bilaspur (Feb 28-29, 2016)

“*In Vitro* Tuberization and Slow Growth Conservation of *Chlorophytum borivillianum* Sant et Fernand” in 3rd International Congress Society for Ethno-pharmacology jointly organized by NCNR, PRSU, Raipur & SFE, India (Feb 19-21, 2016)

“Modifications in Murashige and Skoog Medium to Overcome the Scarcity of Ammonium Nitrate in R&D Laboratories and Industries of Plant Tissue Culture” in National Seminar on Innovations & Prospects in Biotechnology organized by School of Studies in Biotechnology, PRSU, Raipur (Jan 02-04, 2016)

“*In Vitro* Germination of Hybrid Papaya Seeds” in 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)

“*In Vitro* Shoot Multiplication of *Plumbago zeylanica*: An Endangered Medicinal Plant of Chhattisgarh” in National Conference on Traditional Knowledge & Biotechnology organized by School of Studies in Biotechnology, PRSU, Raipur (Nov 22-24, 2013)

Participation in Workshop/ Training:

“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)

“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)

“Hands on Workshop on Molecular Biology (HiPer[®] Teaching Kits)” Organized by HiMedia Laboratories Pvt. Ltd. (Oct 30-31, 2015)

“h-index, i10-index and Scopus” organized by IQAC, PRSU, Raipur (Jan 17, 2015)

“Seventh Science Conclave & Inspire Internship Program-2014” organized at the Indian Institute of Information Technology, Allahabad (Dec 08-12, 2014)

“Hands on Workshop on Molecular Biology (HiPer[®] Teaching Kits)” Organized by HiMedia Laboratories Pvt. Ltd. (Oct 13-14, 2014)

“Prospection and Sustainable Use of Medicinal Plants of Chhattisgarh” Organized under the auspices of National Center for Natural Resources, PRSU, Raipur (Sept 10-11, 2012)

“Hands on Workshop on Cell Manipulation & Confocal Microscopy” at Department of Biochemistry, Pt. Jawaharlal Nehru Memorial Medical College, Raipur (July 26-30, 2011)