

BIODATA

- Name** : **Dr. Shailesh Kumar Jadhav**
- Father's Name** : Late Shri S.R. Jadhav
- Date of Birth** : 07.05.1962 (Seventh May Nineteen Sixty Two)
Age - 56
- Category** : Schedule Caste
- Address** : **Office:**
School of Studies in Biotechnology, Pt. Ravishankar
Shukla University, Raipur, (Chhattisgarh) 492010
Phone – 098271 14218 (M), 0771-2263022 (O)
Residence:
Jadhav Niwas, Jai-Hind Chowk, Rajatalab. Raipur
(Chhattisgarh) – 492001, jadhav9862@gmail.com
- Educational Qualification/
Specialization** : M.Sc., Ph.D./
Botany, Biotechnology and Microbiology
- Other Qualification** : LL.B., B. Music
- Post held** : **Professor** (From September-2008) & **Head** (From 2010 to Still Continue)
School of Studies in Biotechnology
Pt. Ravishankar Shukla University, Raipur, 492010
Chhattisgarh
O.S.D. (As In-charge) Confidential Section, Pt.
Ravishankar Shukla University, Raipur, 492010
Chhattisgarh
(From November- 2004 to Still Continue)
Coordinator
SC/ST cell, Pt. Ravishankar Shukla University, Raipur
(C.G.)
(From 2012 to Still Continue)
- Previous Post** : **1. Asst. Professor (Botany)**
Department of Botany and Microbiology,
Govt. Autonomous College of Science,
Raipur (C.G.) 492010 (From 1987 to 2006)
- 2. Professor (Botany)**
Department of Botany and Microbiology,
Govt. Autonomous College of Science,
Raipur (C.G.) 492010 (From 2006)
- Note: On Lien

- Member of Executive Council** : Pt. Sunderlal Sharma Open (State Government) University, Bilaspur
- Member of Academic Council** : 1. Pt. Ravishanka Shukla University, Raipur
2. Pt. Sunderlal Sharma Open University, Bilaspur
3. CG AYUSH and Health University, Raipur
4. Government PG Girls College Raipur
5. Govt. Nagarjuna PG Science College, Raipur (C.G)
- Member of Board of Studies** : 1. Board of Biotechnology, Pt. Ravishanka Shukla University, Raipur (2003 to 2010)
2. Board of Microbiology, Bilaspur University, Bilaspur
3. Board of Microbiology, Bastar University, Jagdalpur
4. Board of Botany, (As Subject Expert) S G B Amravati University, Amravati (2006 – 2011)
5. Government N P G College Raipur (C.G.)
6. Government PG Girls College Raipur (C.G.)
7. Government Digvijaya College, Rajnadaon (C.G.)
- Member of Selection committee** : 1. Pt. Ravishankar Shukla University, Raipur
2. G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand 263145
3. Lalit Narayan Mithila University, Darbhanga, Bihar
4. Guru Ghasidas Central University, Bilaspur, Chhattisgarh
5. Indira Gandhi Agriculture University, Raipur, Chhattisgarh
6. Bilaspur University, Bilaspur, Chhattisgarh
7. Indira Gandhi National Tribal University, Amarkantak (M P)
8. Baster University, Jagdalpur, Chhattisgarh
9. Sunder Lal Sharma Open University, Bilaspur, Chhattisgarh
10. Public Service Commission, Chhattisgarh State, Raipur C G
11. Staff Service Commission, Central Zone, Raipur
12. State Selection Board, Government of Odisha, Bhuneshavar
13. More than 10 Private affiliated Colleges of Pt. Ravishankar University, Raipur Chhattisgarh

- Chief Editor** : CSVTU International Journal of Biotechnology, Bioinformatics and Biomedical, SVN Technical University Bhilai
- Associated Editor** : Deccan Current Science, National Journal (ISSN 0975-3044) Jalana, Aurangabad M S
- Life Membership** : 1. Indian Aerobiological Society, New Delhi
2. Indian Science Congress, Kolkata W B
3. Society for Ecological and Environmental Development (SEED), Bhilai, Chhattisgarh.
4. Advance Plant and Sciences Muzaffar Nagar
5. Research Journal of Biotechnology, Indore
6. Current Trends in Biotechnology and Pharmacy (An International Scientific Journal) Association of Biotechnology and Pharmacy, Guntur, Andhra Pradesh – 522 002.
- Fellow Member** : 1. International Society of Biotechnology, Indore.
2. International Congress of Chemistry and Environment Indore
3. Advanced Plant Sciences Muzaffarpur Nagar
- Research Project Evaluation Committee** : 1. UGC Major Project Subject in Biotechnology
2. C G Science and Technology, Raipur Chhattisgarh
3. Ayush and Health University, Raipur Chhattisgarh
4. Govt. Digvijay College, Rajnadaon, Chhattisgarh
5. DRDO, Bioenergy Project, Delhi
- Coordinator** : 1. UGC – NET exam 2012 to 2014
2. CSIR-UGC – NET Exam 2015 to 2017
3. Coaching for entry in services (UGC scheme) 2012 to 2017
4. Coaching for NET examination (UGC scheme) 2012 to 2017
5. Remedial Classes (UGC scheme) 2012 to 2017
6. Medical PG Entrance Examination – 2014 & 2015 AYUSH (Medical) University, Raipur
- Administrative Experience** : 1. Reservation Roster Committee (Chairman)
(Other Experience at University Level) 2. Departmental Promotion Committee (Chairman)
3. Quarter Allotment Committee (Chairman)
4. Convocation Committee (Coordinator)
5. Inquiry Committee (Member)
6. Scrutiny Committee (Application for Faculty

position) (Member)

7. Departmental Seniority List Committee (Chairman)

Program Organized:

1. Entrepreneur Awareness Camp 1994 (for Villagers Students) at Tahsil Balodabazar, Raipur Sponsored by DST.
2. Science Contact Program – 2000 (For SC/ST Students) Sponsored by DST.
3. Nature Camp at Bhilai as source scientist.
4. 14th National Conference on Aerobiology, (**Joint Secretary & Treasurer**) School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.) **15th – 17th January, 2007.**
5. Refresher Course in Biotechnology during **17-07-2012 to 06-08-2012**, Academic Staff College, Pt. Ravishankar Shukla University, Raipur. (**As Course Coordinator**)
6. Organized Consultative Meeting on “Assessment of training needs and capacities of the concerning agencies in respect of threat assessment and CAMP exercise on a long term basis” on 13th March 2013, Collaboration with FRLHT, Bangalore. (**Act as Nodal Officer**).
7. National Conference on “ Biotechnology and Traditional Knowledge” held on 22 to 24 Nov. 2013. School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. (**As a Convener**)
8. National Seminar on “Inventions and Prospects in Biotechnology” held on 02 to 04 January’ 2016. School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. (**As a Convener**)
9. One Day Workshop on “Opportunities and Entrepreneurship in Biotechnology” (March 31, 2017) Sponsored by Chhattisgarh Biotechnology Promotion Society, Government of Chhattisgarh, Raipur. (**As a Convener**)

Social Work

1. Founder Member of Andh. Shraddha Nirmlan Samiti, Raipur (C.G.)
2. Founder member of Chhattisgarh Vigayan Munch, Raipur (C.G.).

LIST OF PUBLISHED RESEARCH PAPERS

1. Kaur Inderpal, Khandwekar Sayali, Chauhan Ravishankar, Singh Vikram, **Jadhav SK**, Tiwari KL, Quraishi Afaque (2018) 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. doi.org/10.1007/s40011-018-1010-0.
2. Inderpal Kaur, **Shailesh K Jadhav**, KL Tiwari, Afaque Quraishi (2018) Lead Tolerance and its Accumulation by a Tree Legume: *Dalbergia sissoo* DC. Bulletin of environmental contamination and toxicology. 1-8. doi.org/10.1007/s00128-018-2419-0
3. Mona Tandon, Veena Thakur, Kishan Lal Tiwari, **Shailesh Kumar Jadhav** (2018) *Enterobacter ludwigii* strain IF2SW-B4 isolated for bio-hydrogen production from rice bran and de-oiled rice bran. *Environmental Technology & Innovation*. 10: 345-354.
4. Samiksha Sharma, Kishan Lal Tiwari, **Shailesh Kumar Jadhav** (2018) “Diversity of fungal endophytes in *Typha latifolia* (L.) and their lead biosorption activity” *Euro-Mediterr. J. Environ. Integr.* 3:4. DOI 10.1007/s41207-017-0041-x.
5. Tikendra Kumar Verma, K.L. Tiwari and **S.K. Jadhav** (2017) “Removal of Fe(II) Using *Aspergillus flavus* from Aqueous Solution” *Indian Journal J. Sci. Res.* **13(2)** : 63-67.
6. Esmil Beliya, Kishan Lal Tiwari and **Shailesh Kumar Jadhav** (2017) “Bioconversion Study of Deoiled Rice Bran for Bioethanol Production” *Indian Journal J. Sci. Res.* **13(2)** : 21-24.
7. A. Kaushik and **S.K. Jadhav** (2017) “Conversion of waste to electricity in a microbial fuel cell using newly identified bacteria: *Pseudomonas fluorescens*” *International Journal of Environmental Science and Technology.* **14(8)** : 1771-1780.
8. Raju Mahobia, **Shailesh Kumar Jadhav** and Rekha Pimpalgaonkar (2017) “Atmospheric studies of fungal bioaerosols in the market area of Nawapara (Rajim), District- Raipur (Chhattisgarh)” *Indian Journal J. Sci. Res.* **13(1)** : 257-262.
9. Veena Thakur, Mona Tandon and **S.K. Jadhav** (2017) “Optimization of key factors for enhanced fermentative biohydrogen production from water hyacinth by RSM” *Current Science.* **113(4)** : 790-795.
10. Shriram Kunjam and **S.K. Jadhav** (2017) “Airborne Penicillium in the atmosphere of Panbanaras, Rajnandgaon district” *Indian J. Sci. Res.* **13(1)** : 29-33.
11. Afaque Quraishi, Snigdha Mehar, Durga Sahu, **Shailesh Kumar Jadhav** (2017) “*In Vitro* Mid-Term Conservation of *Acorus calamus* L. via Cold Storage of Encapsulated Microrrhizome” *Brazilian Archives of Biology and Technology.* **60** : DOI: <http://dx.org/10.1590/1678-4324-2017160378>.
12. Reena Meshram and **Shailesh Kumar Jadhav** (2017) “Bioelectricity Production and Comparative Evaluation of Electrode Materials in Microbial Fuel Cells using Indigenous

- Anode-Reducing Bacterial Community from Wastewater of Rice-Based Industries” *Int. Journal of Renewable Energy Development*. **6(1)** : 83-92.
13. Kumudini Chandrakar, Rekha Nagwanshi, **S. K. Jadhav**, Kallol K. Ghosh, Manmohan L. Satnami (2017) “Antibacterial properties of amino acid functionalized silver nanoparticles” *Spectrochimica Acta Part A : Molecular and Biomolecular Spectroscopy*. **181** : 47 – 54.
 14. Jai Shankar Paul, B.M. Lall, **S.K. Jadhav**, K.L. Tiwari (2017) “Parameter’s optimization and kinetics study of alpha-amylase enzyme of Bacillus sp. MBS isolated from vegetable waste” *Process Biochemistry*. **52** : 123 – 129.
 15. Beliya Esmil, Tiwari Kishan Lal and **Jadhav Shailesh Kumar** (2017) “Sustainable Approach for Bioethanol Production from Deoiled Rice Bran by Zymomonas mobilis MTCC 92” *Research Journal of Chemistry and Environment*. **21 (4)** : 12 – 18 .
 16. Shubha Thakur, K.L. Tiwari and **S.K. Jadhav** (2016) “Effect of Different Cytokinins and Media Type on *in vitro* Shoot Proliferation of *Asparagus recemosus* Willd.” *Plant Tissue Cult. & Biotech*. **26 (2)** : 151 – 157.
 17. Shahla Khan, V.K. Kanungo and **S.K. Jadhav** (2016) “Variation in Aeromycoflora of Raipur city with special reference to allergic diseases” *Indian J. Applied & Pure Bio*. **31(2)** : 131- 142.
 18. Shahla Khan, Kanungo V.K. and **Jadhav S. K.** (2015) “Survey of Aeromycoflora of Commercial Complexes of Raipur City and the Effects of Fungal Spores in allergic Diseases” *Elixir Appl. Botany*. **87** : 35806 – 35811.
 19. Alka Kaushik and S K Jadhav (2016) “Optimization of electrode material for bioelectricity production through microbial fuel cell”. *Int. J. Chem. Sci.* **24(2)**: 128-143.
 20. Neha Behar, K.L. Tiwari and S.K. Jadhav (2016) “Semi-quantitative expression studies of genes involved in biosynthesis of curcuminoid in *Curcuma caesia* Roxb.” *Indian Journal of Biotechnology*. *Indian Journal of Biotechnology* **15** : 491-492.
 21. Shabina Khan, Veena Thakur, **Jadhav S.K.**, Afaqur Quraishi (2016) “Effect of chemical pretreatment on de-oiled rice bran for fermentative biohydrogen production” *CSVTV International Journal of Biotechnology, Bioinformatics and Biomedical* **1(1)** : 20-24, 2016.
 22. Chhaya Malagar, Shubhra Tiwari, **S.K. Jadhav** and K.L. Tiwari (2016) “Comparative Studies of *Saccharomyces cerevisiae* MTCC 4780 and *Pichia kudriavzevii* for Bioethanol Production Using Sal (*Shorea robusta*) seeds”. *Journal of Biofuels* **07 (1)**: 9-13. DOI : 10.5958/0976-4763.2016.00002.7
 23. Ankita Sharma, K.L. Tiwari and **S.K. Jadhav** (2016) “Improvement of the Antirheumatic Substance Present in Medicinal Plants in Chhattisgarh Region”. *Ad. Plant Sci*. **29 (1)** : 123-128.

24. Tikendra Kumar Verma, K.L. Tiwari and **S.K. Jadhav** (2016) “Correlation between Iron Pollution and Physicochemical Characteristics of Effluent of Steel Industries from Urla, Raipur (Chhattisgarh), India”. *Res.J.Environ.*, **10 (3)**: 172-182.
25. Ravishankar Chauhan, Afaque Quraishi, **S.K. Jadhav**, S. Keshavkant (2016) “A Comprehensive review on pharmacological properties and biotechnological aspects of Genus *Chlorophytum*”. *Acta. Physiol. Plant* **38** : 116. DOI 10.1007/s11738-016-2132-8
26. Mithilesh Kumari Gupta, **S.K. Jadhav** and S.A. Bhoite (2016) Synthesis and *in vitro* Antifungal Activity of Phosphate Esters. *Asian J. Chem.* **28(07)** : 1523 – 1527.
27. Ravishankar Chauhan, S Keshav Kant, **S.K. Jadhav** & Afaque Quraishi (2016) “*In vitro* slow-growth storage of *Chlorophytum borivillianum* Sant. Et Fernand : a critically endangered herb” *In Vitro Cell. Dev. Biol.-Plant* DOI 10.1007/s11627-016-9756-7. 1 – 7.
28. Pandey Anshika, Tiwari Shubhra, Tiwari K L and **Jadhav S K** (2016) “Relation between Sugar Consumption and Bioethanol Production Potential in Lignocellulosic biomass” *Research Journal of Biotechnology* 11 (1) : 12 – 17.
29. Kiran Sethia, Alka Kaushik, **S K Jadhav** and Afaque Quraishi (2015) “Effect of operational parameters on cow dung mediated fuel cell”. *World Journal of Engineering* 12 (6): 541-550.
30. Shubha Thakur, Kishan Lal Tiwari & **Shailesh Kumar Jadhav** (2015) “Approaches for Conservation of an Ethnomedical Plant : *Asparagus recemosus* Willd.” *Online Journal of Biological Sciences* : DOI :10.3844/ajbsci 2015
31. Shubha Thakur, K.L. Tiwari & **S.K. Jadhav** (2015) “In-vitro approaches for conservation of *Asparagus racemosus* Willd.” *In Vitro cell. Dev. Bio.-Plant*. DOI 10 1007/s1162-015-9706-9.
32. Mithilesh Kumari Gupta, **S K Jadhav**, S A Bhoite (2015) “*In-Vitro* antibacterial Activity of Phosphate Esters Screened by Broth Dilution Assay Method” *Int. J. Pharm. Sci.* 7 (8) : 267 – 272.
33. Garima Shukla, Veena Thakur and **Jadhav S.K.** (2015) “Biohydrogen production from rice mill wastes by *Clostridium acetobutylicum* NCIM 2877” *World Journal of Water Engineering*, 12 (4) : 383 – 390.
34. Pramod Kumar Mahish, K.L. Tiwari and **S.K. Jadhav** (2015) “Biodiversity of Fungi from Lead Contaminated Industrial Waste Water and Tolerance of Lead Metal Ion by Dominant Fungi” *Research Journal of Environmental Sciences*. DOI : **10.3923/rjes**: 1-6.
35. Veena Thakur, K.L. Tiwari and **S.K. Jadhav** (2015) “Production of Biohydrogen from Wastewater by *Klebsiella oxytoca* ATCC 13182” *Water Environmental Research* 87 (8): 683 – 686.
36. Jai Shankar Paul, K.L. Tiwari and **S.K. Jadhav** (2015) “Long Term Preservation of Commercial Important fungi in Glycerol at 4⁰C”. *International Journal of Biological Chemistry* **9 (2)** : 79-85.

37. Shubhra Tiwari, **S. K. Jadhav**, Mayuri Sharma and K.L. Tiwari (2014) “Fermentation of Waste Fruits for Bioethanol Production”. *Asian Journal of Biological Sciences*. **7 (1)** : 30-34.
38. Anshika Pandey, Shubhra Tiwari, **S.K. Jadhav** and K.L. Tiwari (2014) “Efficient Microorganism for Bioethanol Production from Lignocellulosic *Azolla* ”. *Research Journal of Environmental Science*. DOI : 10.3932/rjes: 1-6.
39. Shubha Thakur, K.L. Tiwari and **S.K. Jadhav** (2015) “Antimicrobial Screening of Root Extract of *Asparagus recemosus* Willd.” *Current Trends in biotechnology and Pharmacy*. **9 (2)** : 147 – 150.
40. Veenu Joshi, Kishan Lal Tiwari and **Shailesh Kumar Jadhav** (2015) “In vitro propagation of *Spilanthes acmella* (L.) Murray using semisolid and liquid medium”. *Indian Journal of Biotechnology* **14** : 112 – 116.
41. Chandravanshi Nagendra Kumar, **S. K. Jadhav** & K.L. Tiwari and Quraishi Afaque (2015) “In vitro Tuberization and Bioethanol Content Analysis of *Gloriosa superba* L.”. *Biotechnology* **14 (3)** : 142 – 147.
42. Veena Thakur, **S. K. Jadhav** & K.L. Tiwari (2015) “Biohydrogen Production from Wastewater by immobilized culture of *Clostridium acetobutylicum* NCIM 2877”. *Report and Opinion* **7(3)** : 1- 4.
43. S. Tiwari, **S. K. Jadhav** & K.L. Tiwari (2015) “Bioethanol Production from rice bran with optimization of parameters by *Bacillus cereus* strain *McR-3* ”. *Int. J. Environ. Sci. Technol* DOI 10.1007/s13762-14-0746-1.
44. B.M. Lall, Jaishankar Paul and **S.K. Jadhav** (2015) “Effect of Incubation Period (with Static and Shaking Condition) on alpha-Amylase Production from *Aspergillus flavus*”. *Advances in Biological Research* **9 (1)** : 1 – 6.
45. Mithilesh Kumari Gupta, **SK Jadhav** and SA Bhoite (2014), Evaluation of Antibacterial B of Phosphate Esters by Well Diffusion Method. *World Journal of Pharmaceutical Research* **8** : 420 – 428.
46. Shubha Thakur, Malvika Talware, **Shailesh Kumar Jadhav** and Afaque Quraishi (2014) Screening of Different Carbon Sources for *in vitro* Shoot Production of *Asparagus recemosus* Willd . *American-Eurasian J. Agric. & Environ. Sci.* **14(10)** : 1112-1115.
47. Jai Shankar Paul, A. Quraishi, and **S.K. Jadhav** (2014) Effect of Ferrous and Nitrate Ions on Biological Hydrogen Production from Dairy Effluent with Anaerobic Waste Water Treatment Process. *Asian Journal of Biological Science* **7 (4)**: 165-171.
48. Inderpal Kaur, Veenu Joshi, **Shailesh Kumar Jadhav** (2014) DNA Isolation from Fresh and Dry Leaves of Some Medicinal Plants. *Tom.XXI* (1): pp. 45-50.
49. Ravishankar Chauhan, **S.K. Jadhav** and Afaque Quraishi (2014) An Efficient Germination and Seedling Establishment Protocol for Hybrid *Carica papaya* Linn. With Application of Plant Growth Regulator. *Biotechnology* ISSN1682 – 296X/DOI:10.3923/biotech.2014 p. 1-4.

50. Pramod K. Mahish, Kishan L. Tiwari and **Shailesh K. Jadhav** (2014) Physiochemical and Microbial Studies of Paper Mill Effluent, Raipur (Chhattisgarh), India. *Banat's Journal of Biotechnology*, V (9) : 57 – 62.
51. Shanthamma J. and **Jadhav S K** (2014) Aeromycological Survey of a Vegetable Market in Ambikapur City. *International Journal of Current Research*, 6 (2) : 5229 – 5232.
52. Veena Thakur, **S K Jadhav** and K L Tiwari (2014) Optimization of Different Parameters for Biohydrogen Production by *Klebsiella oxytoca* ATCC 1318. *Trends in Applied Science Research* 1 – 9 (ISSN 1819-3579 / DOI : 103923/tasr.2014).
53. Neha Behar, K.L. Tiwari and **S.K. Jadhav** (2014) Effect of Explant Type in Development of *in vitro* Micropropagation Protocol of an Endangered Medicinal Plants: *Curcuma caesia* Roxb. *Biotechnology* 1 – 6 (ISSN 1682 296X/DOI : 3923/biotech2014).
54. Proamod Kumar Mahish, K.L.Tiwari and **S.K. Jadhav** (2013) Tolerance of Lead by Some Fungal Species Isolated from Industrial Waste Water. *Deccan Current Science*. 09 (02) : 229 – 232
55. Nagendra K. Chandravanshi, K.L.Tiwari, **S.K. Jadhav** and Afaque Quraishi (2013) Threats Facing by the Critical Medicinal Plants *Gloriosa superba* L. at Natural Habitat : Major Insect Pest and Human Interference. *Deccan Current Science*. 09 (02) : 221 – 228.
56. Shubhra Tiwari, **S K Jadhav** and Tiwari K L (2013) Comparative Study of Bioethanol Production from different Carbohydrate Sources. *Researcher* **5** (12) : 219 – 221.
57. Veenu Joshi and **S.K. Jadhav** (2013) Effect of Media Types and Carbon Sources on *In vitro* Shoot Proliferation of *Spilanthes acmella* (L.) Murray. *Plant Tissue Cult. & Biotech.* **23** (2) : 283 – 288.
58. Veenu Joshi and **Shailesh Kumar Jadhav** (2013) Effect of temperature and media supplements on slow growth conservation of medicinal plant *Spilanthes acmella*. *Botanica Serbica* **37** (2) : 155 – 160.
59. Veenu Joshi and **Shailesh Kumar Jadhav** (2013) Effect of temperature and media supplements on slow growth conservation of medicinal plant *Spilanthes acmella*. *Botanica Serbica* **37** (2) : 155 – 160.
60. Esmil Beliya, Shubhra Tiwari, **Shailesh Kumar Jadhav** and Kishan Lal Tiwari (2013) De-oiled rice bran as a source of Bioethanol. *Energy Exploration & Exploitation* **31**(5) : 771 – 782.
61. Tiwari Shubhra, **Jadhav S.K.** Tiwari K.L. and Esmil (2013) Comparative Study of Bioethanol Production from Deoiled and Oiled Rice Bran. *Res. J. Biotech.* **8** (9) : 10 –12.
62. Neha Behar, K.L. Tiwari and **S.K. Jadhav** (2013) Comparative Phytochemical Screening of Bioactive Compound in *Curcuma caesia* Roxb. And *Curcuma longa*. *Research Journal of Medicinal Plant*, **7** (2) : 113 – 118.
63. A. Quraishi, Nikita Admane and **S.K. Jadhav** (2013) Primer Designing for indexing of Banana Bunchy Top Virus in Tissue Culture Banana Plants of Chhattisgarh region.

- Proceeding of National Seminar on application of Artificial Intelligence in Bioinformatics, NIT, Raipur.
64. Arunima Karkun, K.L. Tiwari and S.K. Jadhav (2012) Fungal Diversity of Mandeepkhol Cave in Chhattisgarh, India. *Advances in Bioresearch* **3 (2)** : 119 – 123.
 65. Kunjam S.R., **Jadhav S.K.** and Tiwari K.L. (2013) Traditional Herbal Medicines for the Treatment of Snake Bite and Scorpion Sting by the tribes of South Surguja, Chhattisgarh, India, *Med. Aromat. Plants.* **2 (1)** : 1 – 3.
 66. Kumar Ashish, K.L. Tiwari, **S.K. Jadhav** and P.K. Patra (2012) Estimation of Serum Adenosine Deaminase Enzyme : A New Tool for Diagnosis of Accute Upper Tract Infection (Uri). *Global Journal of Biotechnology & Biochemistry*, **7 (2)** :61 – 63.
 67. Tiwari K.L., Chandrakar A. and **Jadhav S.K.** (2012) Studies of Bioethanol Production by some fermentative Bacteria. *International Journal of Biological and Health Science*, **01** : 8 – 11.
 68. Neha Behar, K.L.Tiwari and **Jadhav S.K.** (2013) *In Silico* Survey of Genes involed in Curcuminoid Synthesis for Expression Studies in *Curcuma caesia* Roxb. *Internation Journal of Computer Application*, Proceeding of National Conference of NIT, Raipur, 37 – 39.
 69. Anshika Pandey, Shubhra Tiwari, K.L. Tiwari and **S.K. Jadhav** (2013) Bioconversion of Lignocellulosic Azolla into Bioethanol. *Journal of Applied Phytotechnology in Environmental Sanitation* , **2 (2)** : 59 – 64.
 70. Thakur Veena, Tiwari K.L., Quraishi A. and **Jadhav S.K.** (2013) Biohydrogen Production from Rice Mill Effluent. *Journal of Applied Science in Environmental Sanitation* , **7 (4)** : 237 – 240.
 71. Banjara R.A., **Jadhav S.K.** and Bhoite S.A. (2012) Antibacterial activity of di-2-ethylaniline phosphate screened by paper disc diffusion method. *Journal of Applied Pharmaceutical Science* **02 (07)** : 230 – 233.
 72. Shubhra Tiwari, **Shailesh Kumar Jadhav** and Kishan Lal Tiwari (2012) Production of Bioethanol From “Jatropha Oil Cake” *Researcher* **4 (7)** : 7-10.
 73. R. A. Banjara, **S. K. Jadhav** and S. A. Bhoite (2012) MIC for determination of antibacterial activity of Di-2-ethylaniline phosphate. *Journal of chemical and Pharmaceutical Research* **4(1)**: 648-652.
 74. K.L. Tiwari, **S.K. Jadhav**, and S. Tiwari (2011) Studies of Bioethanol Production from some carbohydrate sources by Gram Positive Bacteria. *Journal of Sustainable energy and Environment* **2**:141-144.
 75. K.L. Tiwari, **S.K. Jadhav**, and S. Gupta (2012) Modified CTAB technique for isolation of DNA from some medicinal Plants. *Research journal of Medicinal plants* **6(1)**: 65-73.
 76. **Jadhav S.K.** and Lall B.M. (2011) Biodiversity of *Aspergillus* and *Penicillium* from Indoor Environment of Bhim Rao Ambedkar Hospital, Raipur. *Deccan Current Science* **06**: 352-363.

77. A. Quraishi, **Jadhav S.K.** and Sheetal Gupta (2011) In Vitro Clonal Propagation of *Cassia tora* (L) (Coffee Pod): A Medicinal Plant. *Biotechnology* **10(06)**: 546-550.
78. Tiwari K.L., **Jadhav S.K.** and Lall B.M. (2011) Biodiversity of Aeromycoflora of Garden, Collectorate Parisar, Raipur. *Int. J. Environmental Sciences* **1(1)**: 103-116.
79. Tiwari K.L., **Jadhav S.K.**, and Veenu Joshi (2011) An update review on medicinal herb genus *Spilenthesis*. *Journal of Chinese Intergrative Medicine*, **09(11)**: 1170-1178.
80. Tiwari K.L., **Jadhav S.K.**, and Kumar Ashish (2011) Random amplified polymorphic DNA (RAPD) molecular marker based genetic relationship study of medicinal plants collected from tribal region of Chhattisgarh, India. *Research journal of Biotechnology* **6(3)** : 63-66.
81. **Jadhav S.K.** and Lall B.M. (2011) Biodiversity of some dominant fungi i.e. *Alternaria*, *Curvularia* and *Cladosporium* in Indoor Environments of Dr. Bhim Rao Ambedkar Hospital, Raipur. *Research Journal of chemistry and Environment* **15(2)**: 1-11.
82. Tiwari K.L., **Jadhav S.K.**, and Ashish Kumar (2011) Morphology and molecular study of different *Penicillium* species. *Middle –East Journal of Scientific research* **7 (2)** : 203-210.
83. **S.K. Jadhav** and B. M. Lall (2011) Seasonal Variation of Indoor Aeromycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur. *Ad. Plant Sci.* **24 (01)**:101-107.
84. Tiwari K.L., **Jadhav S.K.**, and Tiwari S. (2010) Antibacterial Studies of Cave Water *Deccan Current Science* **(4) I** : 237-240.
85. **S.K. Jadhav** and B. M. Lall (2010) Ecological Studies of outdoor Aeromycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur. *Flora and Fauna* **16 (01)** : 03-13.
86. K. L. Tiwari, **S.K. Jadhav** and Sajal Deo (2010) Exploring Fungal Diversity from the Water of Budhatalab (Pond) Ecosystem of Raipur City, Chhattisgarh, India *Flora and Fauna* **16 (02)**:171-181.
87. K. L. Tiwari, **S.K. Jadhav** and S. Tiwari (2010) The Effects of Temperature Variation in the Bioethanol Production Process *Bioprocessing Journal* **09 (01)**:18-20.
88. Tiwari K.L., **Jadhav S.K.**, and Chandrawanshi, N.K. (2010) Studies of the Minimum Inhibitory Concentration (MIC) of *Penicillium* species *Deccan Current Science* **(3) II** : 151-154.
89. Tiwari K.L., **Jadhav S.K.** and Mahish P.K. (2010) Effect of Xenobiotics on some fungal species *Deccan Current Science* **(3) I** : 1-11.
90. Tiwari K.L., **Jadhav S.K.** and Harwani Y. (2009) Pollen calendar of Raipur, Chhattisgarh, India. *Flora and Fauna* **15 (2)** : 183-191.
91. **S.K. Jadhav** and S. Kunjam (2009) Ecological Studies on Aeromycoflora of a Tribal area of Chhattisgarh. *Indian Journal of Aerobiology*. **22(1&2)** : 21-28.
92. Tiwari K.L., **Jadhav S.K.** and Shukla P. (2009) Isolation of DNA from five different dicot plants: A new approach. *Advance Plant Sciences*. **22(II)** : 437-438.

93. Tiwari, K.L., **Jadhav, S.K.** and Kunjam, S. (2008) Soil mycoflora of forest field at Jagdalpur region. *Deccan Current Science*. **1(1)** : 19-22.
94. Tiwari, K.L., **Jadhav S.K.** and Shukla P. (2008) Effect of Nitrogen Sources on Production Capacity of Microbial Fuel Cell. *Research J. of Biotechnology*. **3(2)** : 55-56.
95. K. L. Tiwari, **S.K. Jadhav** and A. Fatima (2007) Culture condition for the production of thermostable amylase by *Penicillium rugulosum*. *Global Journal of Biotechnology & Biochemistry*. **2 (1)** : 21-24.
96. Tiwari, K.L., **Jadhav, S.K.** and Fatima, A. (2007) Production of citric acid from *Aspergillus niger* using sugar Beet as Substrate. *Res. J. Biotech.* **2(1)** : 38-42.
97. Tiwari, K.L., **Jadhav, S.K.** and Shukla, P. (2006) Isolation, properties and growth kinetics of a bacterium isolated from bath soap. *Research J. of Biotechnology*. **1(2)** : p- 48-50.
98. Tiwari, K.L., **Jadhav, S.K.** and Kunjam, S.R. (2006) Aeromycoflora of slum area at Raipur. *Ad. Plant Sci.* **19 (2)** : p- 387-390.
99. Tiwari, K.L., **Jadhav, S.K.** and Singh, N.B. (2006) Allergenic plants of Raipur City. *Bioinfolet* **3 (2)** : 91-92.
100. Tiwari, K.L., **Jadhav, S.K.** and Kunjam, S.R. (2006) Sewage fungi of Raipur City. *Bioinfolet* **3 (2)** : 142-143.
101. Tiwari, K.L., **Jadhav, S.K.** and Kunjam, S.R. (2005) Studies of 13ioethanol13ra of Dairy area at Raipur. *Flora & Fauna*. **11(2)** : 195-196.
102. Tiwari, K.L. and **Jadhav, S.K.** (2004) Aeromycological studies of Chemistry Lab of Govt. College Balodabazar, Raipur (CG.) *Ecol. Env. & Cons.* **10(3)** : 383-385.
103. Tiwari, K.L. and **Jadhav, S.K.** (2004) Studies of Aeromycoflora over rice field-I at Balodabazar Raipur (CG.). *Ecol. Env. & Cons.* **10 (3)** : p 387-390.
104. Tiwari, K.L., **Jadhav, S.K.** and Saluja, P. (2004) Studies of Aeromycoflora of Library, Botany department and Garden. *Research Link* **14(4)** : p-96-97.
105. Tiwari, K.L., **Jadhav, S.K.** and Saluja P. (2004) Studies on Aeromycoflora of different height: *Research link-13 (3)* : p- 93-94.
106. Tiwari, K.L., Sahu, K. and **Jadhav, S.K.** (1995) Aeromycoflora of Green house. *Ad. Plant. Sci.* **8(1-Supp)**: 46-51.
107. Tiwari, K.L. and **Jadhav, S.K.** (1995) Aeromycoflora of Balodabazar, Dist., Raipur, *Flora and Fauna*: **1(2)** :117-118.
108. Tiwari, K.L., Sahu, .K. and **Jadhav, S.K.** (1994) A culture plate studies of the Aeromycoflora at groundnut field at Raipur. Oxford. IBH Publishing. P- 293-297.
109. Tiwari, K.L. and **Jadhav, S.K.** (1994) Aeromycoflora of Ravan Village. *Indian Bot. Repr.* **13(3)**: 33-36.

Publication in Conference Proceeding

1. Nagendra K. Chandrawanshi, K.L. Tiwari, S.K. Jadhav and Afaque Quraishi (2016) “An Assessment on threatened classification of *Gloriosa superba* L.” *Deccan Current Science*. **15 (1)** : 140 – 150.
2. Reena Meshram, K. K. Shukla and S. K. Jadhav (2016) “A Rapid and Multiple Assay for Amylase Activity based on Photometric Reader” *Deccan Current Science*. **15 (1)** : 122 – 131.
3. Tikendra Kumar Verma, K. L. Tiwari and S. K. Jadhav (2016) “Iron biosorption by pretreated fungal biomass of *Cladosporium* sp.” *Deccan Current Science*. **15 (1)** : 87 – 91.
4. Tikendra Kumar Verma, K. L. Tiwari and S. K. Jadhav (2016) “Iron biosorption by pretreated fungal biomass of *Cladosporium* sp.” *Deccan Current Science*. **15 (1)** : 87 – 91.
5. Samiksha Sharma, K. L. Tiwari, S. K. Jadhav (2016) “Lead (Pb) Absorption Potential of Endophytic Fungi Isolated from *Cleome 14ioetha*” *Deccan Current Science*. **15 (1)** : 81 – 86.
6. Shubha Thakur, K.L. Tiwari and S.K. Jadhav (2016) “Genetic diversity analysis of *Asparagus 14ioethano* Willd. From Chhattisgarh state of India using morphological markers” *Deccan Current Science*. **15 (1)** : 74 – 80.
7. T. Agrawal, K. L. Tiwari and **S. K. Jadhav** (2016) “Bioethanol Production from Mahua Flowers by Co-culture of Bacteria” *Deccan Current Science*. **15 (1)** : 23 – 26.
8. Mona Tandon, K. L. Tiwari and S. K. Jadhav (2016) “Isolation and characterization of efficient bio-hydrogen producing bacteria from rice industry Wastes” *Deccan Current Science*. **15 (1)** : 13 – 22.
9. E. Belya, **S. K. Jadhav** and K. L. Tiwari (2016) “Effect of nutrient supplements on 14ioethanol production from Deoiled Rice Bran by *Pichia kudriavzevii* RCEF4907 and *Klebsiella oxytoca* ATCC 13182”. *Deccan Current Science*. **15 (1)** : 7 – 12.
10. Alka Kaushik and **S. K. Jadhav** (2016) “Bioelectricity production using electrogenic bacteria through microbial Fuel cell ” *Deccan Current Science*. **15 (1)** : 1 – 6 .
11. Verma Tikendra Kumar, Tiwari K.L. and **Jadhav S.K.** (2014) “Phycio-chemical Studies of Steel Industries Effluent of Urla, Raipur (Chhattisgarh) in Relation to Iron Concentration”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 265 – 270.
12. Verma Roma, **Jadhav S.K.** and Tiwari (2014) “Effect of Nutrient Elements in Bioethanol Production from Mahua (*Madhuca indica*) flower”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 - 24, 2013. 257 – 264.
13. Tiwari K.L., **Jadhav S.K.**, Mahish Pramod Kumar (2014) “Tolerance of Heavy Metals by *Cunninghamella elegans* TUCF 20022 Isolated from Industrial Waste Water of Raipur

- City, Chhattisgarh, India”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 235 – 240.
14. Paul Jai Shankar, Quraishi A., Thakur Veena and **Jadhav S.K.** (2014) “Biohydrogen Production from Dairy Effluent by Anaerobic Batch Fermentation Process”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 171 – 182.
 15. Malagar, Chhaya, Tiwari Shubhra, **Jadhav S.K.**, Tiwari K.L. (2014) “Bioethanol Production from Sal (*Shorea robusta*) seeds”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 161 – 170.
 16. Mahobia R., **Jadhav SK** and Pimpalgaonkar P (2014) “Atmospheric Studies of Fungal Bioaerosols of Bus Stand at Nawapara (Rajim), District Raipur”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 153 – 160.
 17. Kunjam Shriram and **Jadhav SK** (2014) “Airborne *Aspergillus* in the Atmosphere of Panabaras”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 125 – 132.
 18. Kaushik Alka and **Jadhav SK** (2014) “Selection of Electrodes for Bioelectricity Production”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 119 – 124.
 19. Gupta Mithalesh Kumari, Mithalesh Kumari, **Jadhav SK**, Bhoite SA (2014) “Synthesis and Antibacterial Activities of Mono-6-chloro-2-4 dinitroaniline Phosphate”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 99 – 104.
 20. Chauhan Ravishankar, **Jadhav SK** and Quraishi Afaque (2014) “*In vitro* Propagation of *Plumbago zeylanica* : An Endangered Medicinal Plant of Chhattisgarh”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 63 – 68.
 21. Kumar Chandravanshi Nagendra, Quraishi A., Tiwari KL and **Jadhav SK** (2014) “Study of Antibacterial Activities of Two Types of Tulasi Leaves (*Ocimum*)”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 55 – 62.
 22. Behar Neha, Tiwari KL and **Jadhav SK** (2014) Comparative Differential Expression Studies of Genes Involved in Biosynthesis of Curcuminoids in Two Species of Curcuma. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 43 – 48.
 23. Agrawal Tripti, Quraishi A., Tiwari KL and **Jadhav SK** (2014) “Comparative Study on Bioethanol Production from Mahua Flowers by Commercial and Indigenously Isolates Yeast Strain”. Proceeding of National Conference on “Biotechnology and Traditional Knowledge” Nov. 22 – 24, 2013. 37 – 42.

24. Tripti Agrawal, A. Quraishi and **S.K. Jadhav** (2013) “Fermentation of *Madhuca indica* J.F. Gmel Flowers for Bioethanol Production using *Pichia stipitis* NCIM 3497” Proceeding of National Conference on “New Vistas in Plant Science and Biotechnology” Aug., 2013. 137 – 139.
25. Alka Kaushik and **S.K. Jadhav** (2013) “Comparative Study of Bioelectricity Production from various Substrates using Microbial Fuel Cell ” Proceeding of National Conference on “New Vistas in Plant Science and Biotechnology” Aug., 2013. 43 – 46.
26. Shubha Thakur, K.L. Tiwari and **S.K. Jadhav** (2013) “A Simple, Efficient and Rapid Method for Isolation of DNA from *Asparagus recemosus* wild – A High Value Medicinal Plant.” Proceeding of National Conference on “New Vistas in Plant Science and Biotechnology” Aug., 2013. 134 – 136.
27. Jipsi Chandra, Shubhra Thakur, A. Quraishi and **S.K. Jadhav** (2013) “Selection of Efficient *Rhizobium* strain from Soyabean (*Glycine max* L. Merrill) Crop for Biofertilizer Production”. Proceeding of National Conference on “New Vistas in Plant Science and Biotechnology” Aug., 2013. 96 – 100.

List of Books

1. **“Paryavaran Adhyayan”** (2003) Published by Ajay Prakasan, Darji Line, Malviya Road, Raipur (C.G.), pp: 1-191 (As Per UGC Norms).
2. **“Paryaveran Vigayan”** (2009) Published by I.K. International Pvt. Ltd., New Delhi, ISBN- 978-81-907770-3-2, pp : 1-547 (A Text Book in Hindi medium).
3. **“Production of Bioethanol from Mahua flower”** (2011) Published by Lambert Academic Publishing, Germany ISBN 978-3-8433-9150, pp: 1-80. (On the base of M. Phil. Dissertation)
4. **Fungal Biodiversity of Hospital Area (2011)** Published by Lambert Academic Publishing, Germany. ISBN 978-3-8443-1733-6, pp; 1 – 304. (On the base of Ph D Thesis)
5. **“Atmospheric Fungal Diversity of Chhattisgarh” (2011)** Published by Lambert Academic Publishing, Germany. ISBN – 978-3-8454-3764-4 pp; 1- 296. (On the base of 08 years survey)
6. **“Green Gold Mine Azolla”** (2014) Published by Lambert Academic Publishing, Germany. ISBN –978-3-659-54782-9 pp; 1- 91. (On the base of research project).
7. **“Biotechnology and Traditional Knowledge”** (2014) Publisher, Biotech Books, New Delhi ISBN 978-81-7622-330-0 pp : 1 – 283 (Proceeding of National conference).
8. **“Banana Bunchy Top Virus : PCR primers designing and detection”** (2015) Published by Lambert Academic Publishing, Germany. ISBN 978-3-659-75636-8 pp; 1- 42. (On the base of M. Phil. Dissertation)
9. **“A Text Book in Bioprocess Engineering”** (2016) to be published by I.K. International Publication, New Delhi (Under Process).
10. **“Paryavaran Pradushan - Samasya avam Nidan” (2017)** Publisher, Chhattisgarh Granth Academic, Raipur , 1 -548. (ISBN:978-93-82313-27-4).
11. **“Paryavaran Vigyan”** (2016) As per syllabus of Chhattisgarh Public Service Commission, Raipur, Publisher, Chhattisgarh Granth Academic, Raipur (ISBN:978-93-82313-21-3).
12. **“Prayogatmak Jaiv Prodyogiki avam Sukshma Jiv Vigyan”** Publisher, Chhattisgarh Granth Academic, Raipur , 1 -186. (ISBN:978-93-82313-45-8).

Foreign Visits

1. **Uban Rachathani University, Thailand** to attend International Conference (ICCE-2009).
2. **Chongqing University, China** to attending International Conference on Disaster Prevention Technology and Management (DPTM-2010) From 23rd to 25th October 2010. (Act as Chairperson in a Technical Session and Awarded of Best Paper).
3. **Malaysia** to attend 5th International Congress of Chemistry and Environment ICCE 2011. (Act as Chairperson in one technical session).
4. **University of Antwerp, Belgium** to attend 6th International Congress of Chemistry and Environment ICCE 2013 (Act as Chairperson in one technical session and Awarded Best paper).
5. **King Mongkut's University of Technology Thonburi, Thailand** to attend 2nd International World Research Journals Congress. June 26 to June 28, 2017 at Bangkok, Thailand. (Act as Chairperson in a Technical Session).

Research Projects

1. Entitled “**Studies on aerosol and airborne allergens in relation to meteorological factors**” sanctioned by Chhattisgarh Council of Science and Technology, Raipur.
2. UGC Major Research Project on Bioethanol: 2011-14 Entitled “**Screening of Microbes for Bioethanol production from Mahua flower**”.
3. “**Production of Bioethanol from Deoiled rice bran by *Sacchromyces cerevisiae* MTCC 4780**”. Sponsored by Chhattisgarh Science and Technology, C.G. Raipur; Duration 2014-2017.
4. **Bacterial bioreporters for detection of landmines vapors**, DRDO, New Delhi, Rs 30,94,000.00 (2018-21)

Ph. D. Awarded

SN	Name of Candidate	Title of PhD Scholar	Year	Remark
1.	Shriram Kunjam	“Studies of Aeromycoflora of Tribal Atmosphere at Panabaras region Rajnandgaon District (C.G.) ”	2007	Guide (01)
2.	Smt. Beulah Madhurima Lall	“Studies of Indoor and outdoor Aeromycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur ”	2008	Guide (02)
3.	Ku. Kallpana Patle	“Incidence of Airborne Fungal Spores at Raipur with special reference to Railway station”	2010	Guide (03)
4.	Abhijit Ray	“Studies on the influence of light in Poultry Birds”	2013	Co-guide
5.	Ku. Arunima Karkun	“Study of Diversification Degradative Potency and Genetic Makeup of some Microbes thriving in Mandeepkhol caves of Gandai, District Durg (C.G.), India”	2013	Co-guide
6.	Raju Mahobia	“Atmospheric Studies of Bioaerosoles of Navapara (Rajim), District-Raipur with special reference to Fungal Spores”	2013	Co-guide
7.	Smt. Shubhra Tiwri	“Bioethanol Production from Rice Bran (Waste Rice Material)”	2013	Guide (04)
8.	Pramod Kumar Mahish	“Biosorption of Lead by some Fungal species”	2014	Guide (05)
9.	Nagendra Kumar Chandravanshi	“Micropropagation of an Endangered Medicinal Plant Glory Lilly (<i>Gloriosa superba</i> L.)”	2014	Guide (07)
10.	Smt. Neha Behar	“ <i>In vitro</i> and <i>in silico</i> Approches for Micropropagation and Studies of Secondary Metabolite Content in <i>Curcuma cassia</i> Roxb.”	2014	Co-guide
11.	Ku. Veenu Joshi	“Molecular Characterization, Micropropagation and Conservation Studies of <i>Spilanthes acmella</i> (L.) Murray from Chhattisgarh Region”	2015	Guide (08)
12.	Sr. Shanthamma Joseph	“”Studies on the Aeromycoflora of Ambikapur city with special reference to seasonal variation”	2016	Guide (09)
13.	Smt. Veena Thakur	“Bacterial Production of Biohydrogen from Rice mill Effluents”	2017	Co-guide

14.	Smt. Shahla Khan	“Survey of Aeromycoflora and Related Allergic Diseases of Raipur, Chhattisgarh”	09-10-2017	Co-guide
15.	Esmil Beliya	“Bioethanol Production from Deoiled Rice Bran by <i>Zymomonas mobilis</i> MTCC 92 and <i>Pichia stipitis</i> NCIM 3497”	12-12-2017	Guide (10)
16.	Tikendra Kumar Verma	“Screening of fungal Species for Biosorption of Iron in industrial Effluents”	12-12-2017	Co-guide
17.	Samiksha Sharma	“Biosorption : An Ecofriendly Technique for Removal of Lead by Endophytic Fungi from Industrial area of Raipur, Chhattisgarh”	24-01-2018	Co-guide
18.	N. Shweta	“Domestication and Molecular Identification of Pesticide Resistant Soil Indigenous Bacteria”	30-01-2018	Co-guide
19.	Alka Kaushik	“Screening and Characterization of Electrogenic Bacteria involved in Bioelectricity Production Through Microbial Fuel Cell from Wastewaters”	24-02-2018	Guide (11)
20.	Jai Shankar Paul	“Isolation, Screening and Identification of Highly Efficient alfa-amylase Producing Bacteria from Vegetable Market and Determine the Optimum Condition for Higher”	24-02-2018	Co-guide

List of invited as a Resource person in various Orientation, Refresher, Seminar, Conferences Programs

S.No.	Program Details
1.	Participated as chairperson in the national seminar on womens wellness organized by shakti Raipur on 28-29 july 2018 at university institute of pharmacy,Pt.R.S.U,Raipur
2.	Participated as a evaluator of research paper at 33 rd M.P. Young scientist congress March 15-16,2018.
3.	Participated as a chairperson in national seminar on nanotechnology to translational nanomedicine from march 15-17,2018
4.	Participated as a resource person in the science day celebration from 22-28 feb 2018 organised by Govt.P.G.College rajnandgaon C.G.
5.	Certificate of appreciation for outstanding contribution in the field of biotechnology,07-14,2017
6.	Participated as a resource person in one week short term training program on bioprocess development, reactor design and analysis from 09-13 jan,2017
7.	Participated as a chairperson in world research journal congress from 26-28 june 2017.
8.	Participated as a chairperson in 19 th national conference of Indian aerobiological society 9-11 dec 2016.
9.	Participated as a resource person in national seminar in present scenario in phytomicrobial from 27-28 jan 2017.
10.	Participated as a chairperson in national seminar on advances in environmental science and technology from jan 23-24 2017.
11.	Participated as a chairperson in national seminar on quality enhancement in higher education from 7-8 dec 2015

List of Journals serving as reviewer

1. Applied Microbiology and Biotechnology (Springer)
2. Biocatalyst & Agricultural Biotechnology (Elsevier)
3. Biotechnology Report (Elsevier)
4. Environmental Engineering Science (Mary Ann Liebert, Inc., publishers)
5. Indian Journal of Experimental Biology (NISCAIR)
6. International Journal of Poultry Science (Science Alert)
7. National Academy Science Letters (Springer)
8. Plant Cell Tissue and Organ Culture (Springer)
9. Separation Science and Technology (Taylor & Francis Online)
10. African Journal of Microbiology Research (Academic Journals)
11. Journal of Microbiology Biotechnology Food Science