

BIO-DATA

Name : DR. SHRIRAM KUNJAM

Fathers Name : Late Shri Tilakram Kunjam

Present Status : **Assistant Professor (Botany)**
Department of Botany
Government V.Y.T. PG College, DURG
(Chhattisgarh) -491001 India
From 10th January 2013 to till date.

Phone : +919406378794 (M)

E-mail: shriramkunjam07@gmail.com
skunjam@govtsciencecollegedurg.ac.in

- Post held Earlier:**
- 1. Scientific Officer (Biology Division)**
State Forensic Science Laboratory (FSL),
Home (Police) Department,
Govt. of Chhattisgarh, Raipur from 2nd July 2009 to 9th January 2013.
 - 2. Research Assistant (Biotechnology)**
School of Studies in Biotechnology,
Pt. Ravishankar Shukla University,
Raipur (Chhattisgarh) from 16th January 2009 to 2nd July 2009.

Qualifications :B.Sc.

2000

M. Sc. Botany 2002

Ph.D. Life Sciences (Botany) 2007

Pt. Ravishankar Shukla University, Raipur (C.G.) India

Ph.D Topic : **Studies of aeromycoflora of tribal atmosphere at Panabaras region, Rajnandgaon district (C.G.)**

Experience : **Teaching UG – 10yrs PG-07yrs**
Research 10 yrs

Research Publication : **Published - 15**

Book Chapter- 04

Book - 01

Research Supervisor : **Registered: 03**

National Seminar/	:	20	National	-	19
Conference Attended			International	-	01

AWARD :

On 4th Chhattisgarh Young Scientists Congress, Sponsored by Chhattisgarh Council of Science and Technology, Raipur, Chhattisgarh. Organized by Indira Gandhi Agricultural University, Raipur (C.G.) Held on 28th February to 1st March 2006.

PRESIDENT: Alumni Association of Biotechnology, Amanaka, Raipur (Registration No. 29709), Registered under the Firm and Societies, Division Raipur, Govt. of Chhattisgarh.

1. Minor Research Project entitled” **Survey of medicinal plants of Dongargarh, Rajnandgaon District**” sanctioned by UGC, CRO,Bhopal Amount **Rs. 300000.00, Sanction No. MS-51/202058/XII/14-15/CRO.**
2. Minor Research Project entitled “**Trees of BSP Township area: A field guide. Sanction by Chhattisgarh Council of Science & Technology, Raipur (CCOST). Amount Rs. 4,20,000.00, Sanction no. Endt. No. 1033/CCOST/MRP/2018, Raipur Date 20.08.2018.**
3. Minor Research Project entitled “**Evaluation of *in silico* antiarthritic potential of medicinal plant *Croton roxburghii* Balak (Euphorbiaceae)sanction by Research Council, Govt. V.Y.T. PG Autonomous College, Durg (Chhattisgarh). Amount Rs. 50,000.00. Sanction No. 2458/21 Durg Date: 06/12/2021.**

LIFE MEMBERSHIP:

1. **Indian Aerobiological Society, Kolkata (West Bengal)**
2. **Microbiologists Society of India, Osmanabad (Maharashtra)**
3. **Alumni Association of Biotechnology, Amanaka Raipur (Chhattisgarh)**

EDITORIAL BOARD MEMBER and as a Reviewer of National/International Journal

1. International Journal of Bioscience and Medicine
2. Journal of Traditional Medicine & Clinical Naturopathy
(<https://www.omicsgroup.org/journals/editorialboard-homeopathy-ayurvedic-medicine-open-access.php>)
3. European Journal of Medicinal Plants.
4. Journal of Complementary and Alternative Medical Research.

REFRESHER/ORIENTATION COURSES ATTENDED:

1. **UGC-Sponsored 02 weeks Online Multidisciplinary Refresher Course in Botany, organized by Human Resource Development (HRDC), Ranchi University, Ranchi (Jharkhand) from 18.07.2023 to 31.07.2023.**
2. **UGC-Sponsored 02 weeks Online Multidisciplinary Refresher Course in Life Science: Synthetic Biology, Organized by Human Resource Development Centre, Pt. Ravishankar Shukla University Raipur (C.G.) from 14/12/2020 to 28/12/2020.**
3. **UGC Sponsored 03 Weeks Refresher Course Theme “Use of Natural Resources in daily life” Organized by Human Resource Development Centre, Pt. Ravishankar Shukla University, Raipur (Chhattisgarh) India from 18.11.2015 to 08.12.2015.**
4. **UGC Sponsored 04 Weeks Orientation Program Theme “Quality of Higher Education- Learning Process” Organized by Academic Staff College, Pt. Ravishankar Shukla University, Raipur from 03.06.2014 to 30.06.2014.**

LIST OF RESEARCH PUBLICATIONS

1. Shriram Kunjam and S.K. Jadhav (2021) Diversity of Medicinal Plants Existing in the Pt. Ravishankar Shukla University Campus, Raipur (Chhattisgarh). *NewBioWorld A Journal of Alumni Association of Biotechnology*, 3(1):23-30.DOI: <https://doi.org/10.52228/NBW-JAAB.2021-3-1-6>
2. Ritu Kunjam, **Shriram Kunjam**, V.K. Kanungo and S.K. Jadhav (2021) Aeromycoflora of Phytopathogenic Fungal Spores at the periphery of Raipur City. *Indian Journal of Aerobiology* 34 (01): 05-11. ISSN 0971-1546
3. **Shriram Kunjam**, Shweta Singh Chauhan, Ravishankar Chauhan, Pramod Kumar Mahish and 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(3): 394-397 ISSN: 2455-541X
4. **Shriram Kunjam**, G.S. Thakur and S.K. Jadhav (2021) Ethnobotanical Survey of Medicinal Plant Species used by Tribal Communities Around Katghora Tehsil of Korba District. *Advances in Plant Sciences*.34 (I & II) 43 – 50.ISSN 0970-3586.
5. Nisha Gupta, Esmil Beliya, Jai Shankar Paul, Shubhra Tiwari, **ShriramKunjam**and Shailesh Kumar Jadhav(2021)Molecular strategies to enhance stability and catalysis of extremophile-derived α -amylase using computational biology. *Extremophiles*. 25: 221–233<https://doi.org/10.1007/s00792-021-01223-2>. Electronic ISSN 1433-4909.
6. **Shriram Kunjam** and S.K. Jadhav (2020)Diversity of soil and leaf surface mycoflora: a source of aeromycoflora. *Indian Journal of Aerobiology*.33 (1&2): 9-16 ISSN 0971-1546
7. Goverdhan Singh Thakur and **Shriram Kunjam**(2020) Allelopathic potential of *Parthenium hysterophorus* on wheat, *Triticum aestivum*rice, *Oryza sativa*, soybean, *Glycine max* and pigeonpea, *Cajanus cajan*.*Flora and Fauna* 26 (2):197-205. <https://doi.org/10.33451/florafaua.v26i2pp197-205>. ISSN 2456-9364(Online) 0971-6920(Print).
8. **Shriram Kunjam** and S.K. Jadhav (2017) Airborne *Penicillium* in the atmosphere of Panabaras, Rajnandgaon district. *Indian Journal of Scientific Research*. 13 (1): 29-33. ISSN: 2250-0138 (Online).
9. **Shriram Kunjam** and S.K. Jadhav (2015) Seasonal variation of some anamorphic fungal spores in the atmosphere of Panabaras, Rajnandgaon district. *Indian Journal of Aerobiology*.28 (1&2): 33-37 ISSN 0971-1546

10. **Kunjam, SR**, Jadhav, SK and Tiwari, KL (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. ISSN: 2167-0412 MAP, an open access journal
11. Jadhav, SK and **Kunjam, S(2009)** Ecological Studies on Aeromycoflora of a Tribal area of Chhattisgarh. *Indian Journal of Aerobiology*. 22(1&2): 21-28. ISSN 0971-1546
12. Tiwari, KL, Jadhav, SK and **Kunjam, SR(2008)** Soil mycoflora of forest field at Jagdalpur region. *Deccan Current Science*.1 (1):19-22. ISSN : 0975-3044
13. Tiwari, K L, Jadhav, S K and **Kunjam, S R(2006)** Sewage fungi of Raipur City. *Bioinfolet* 3 (2): 142-143. Print ISSN: 0973-1431, Online ISSN: 0976-4755
14. Tiwari, K L, Jadhav, S K and **Kunjam, S R(2005)** Aeromycoflora of slum area at Raipur. *Ad. Plant Sci*. 19(2): 387-390. ISSN 0970-3586
15. Tiwari, K L, Jadhav, S K and **Kunjam, S R(2005)** Studies on Aeromycoflora of Dairy area at Raipur (C. G.) India. *Flora and Fauna*: 11 (2): 195-196. ISSN 0971-6920

BOOK :Trees of Bhilai Steel Plant Township area: A field guide. Sarvapriya Publication Raipur, New Delhi. ISBN: 978-93-9301-16-3.

BOOK CHAPTER

1. S.R. Kunjam, Pankaj Shrivastava and S.K. Jadhav (2014) Botanical Contributions to Forensic Sciences: Advances in Criminal Investigation. Shiv Shakti Book Traders, New Delhi. p-199-211. ISBN:978-93-83805-01-3.
2. Pramod Kumar Mahish, Nagendra Kumar Chandrawanshi, Shriram Kunjam and S. K. Jadhav (2021) Opportunities in the Living Lights: Special reference to Bioluminescent Fungi. Energy: Crises, Challenges and Solutions. Wiley-Blackwell Publisher (ISBN: 978-1-119-74144-2)
3. **Kunjam, Shriram** and Jadhav, S.K (2014) Airborne *Aspergillus* in the atmosphere of Panabaras. *Proceedings Nat. Conf. on Biotechnology and Traditional Knowledge*.130-135. ISBN 978-81-7622-330-0.
4. Deepali Koreti, Anjali Kosre, Pramod Kumar Mahish, Nagendra Kumar Chandrawanshi and Shriram Kunjam. **Chapter 11:** Application of essential oils in alternative medicine. In Essential Oils: Sources, Production and Applications. 2023. DeGruyter ISBN 978-3-11-079159-4.

WORKSHOP/TRAINING PROGRAMME ATTENDED

1. Online Skill Development Program on *In-Silico* Drug Designing and Molecular Dynamics Simulations organized by Cytogene Research & Development Lucknow from 01 – 07 December, 2021
2. National Workshop on Intellectual Property Rights organized by the Department of Biotechnology and Internal Quality Assurance Cell of Govt. V.Y.T. PG. Autonomous College, Durg in collaboration with Coordination Cell of Chhattisgarh Council of Science & Technology, Raipur, C.G. from 03/5/2021 to 09/5/2021.
3. 7 days National Workshop on “Mushroom Production and its Post Harvesting Technology” organized by the Department of Botany, Govt. N.P.G. College of Science, Raipur (C.G.) from 5th to 11th May 2021.
4. 07-day Faculty Development Program organized by Competence Building Committee & Computer Science Department, Govt. Digvijay PG College Rajnandgaon (Chhattisgarh) from 04th to 10th March 2021
5. Two-week online FDP on ICT Tools for Teaching, Learning Process and Institute, Sponsored by Ministry of Electronics and Information Technology (MeitY) Jointly organized by Electronica & ICT Academies from 10th to 21st August, 2020.
6. 10days Online Faculty Development Program on Online Education: Boon for Upliftment of Higher Education Institutes Organized by Hemchand Yadav University, Durg (C.G.) & Govt. V.Y.T. PG Autonomous College, Durg (C.G.) from 22nd to 31st July 2020.
7. **Stem Teacher Training Workshop on “Research Based Pedagogical Tools”** Jointly sponsored by the Department of Biotechnology (DBT), Govt. of India, Newton Bhabha Fund of the British Council; Centre of Excellence in Science and Mathematics Education, IISER Pune and Pt. Ravishankar Shukla University, Raipur, Chhattisgarh from 06th October -09th October 2017 at Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
8. **Workshop on “Importance of Technical Terminology in Textbook Writing”** organized by Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Govt. of India, New Delhi at Chhattisgarh State Hindi Granth Academe, Raipur, Chhattisgarh from 20th -21st January 2018.
9. **Workshop on “Mushroom cultivation and its prospects”** Organized by Department of Botany, Govt. V.Y.T. PG Autonomous College, Durg (C.G.) with the collaboration of Krishi Vigyan Kendra, Anjora Durg (C.G.) from 28th September to 03rd October 2016.

- 10. Hands on training program in “DNA Fingerprinting in Criminal Investigation.”**
Organized by DNA Unit, State Forensic Science Laboratory, Sagar (M.P.) from 22nd – 26th November, 2011.
- 11. Training course on “Motivational and Behavioral Skills in Government”** held on Training Academy, Govt. of Chhattisgarh, Raipur from January 30th - February 03rd 2012.
- 12. Training course on “DNA Profiling Techniques”** in Central Forensic Science Laboratory, Chandigarh from 04th – 13th August 2010.
- 13. Training course on “Applied Biosystems Human Identification”** held on Lab India Pvt. Ltd. Gurgaon, Haryana from 09th – 11th June 2010.
- 14. Three days training workshop on “Phytochemical Analysis Techniques for Dravyaguna and Equivalent Faculties of ASU System”.** Sponsored by World Health Organization (WHO), held on 10th -12th November, 2008 at Captain Srinivasa Murti Research Institute for Ayurveda and Siddha, Chennai.
- 15. Ten days short course on “Emerging areas on Mushroom Diversity, Production and Post-harvest Development”** Sponsored by Indian Council of Agricultural Research, New Delhi. Organized by Department of Plant Pathology & Mushroom Research Lab, Indira Gandhi Agricultural University, Raipur (C.G.), 9th – 18th, January 2006.