

BIO-DATA



1. **Name** : **Dr. (Mrs.) Beulah Madhurima Lall**
2. **Father's Name** : Late Shri N. K. Luka
2. **Date of Birth** : 23.01.1968 (Twenty three January nineteen sixty Eight)
3. **Designation** : Assistant Professor, Botany
Govt. D.B. Girls P.G. (Autonomous) College,
Raipur
4. **Educational Qualification** : M.Sc.; M. Phil; Ph.D. (Botany)
Specialization in Plant Pathology, Microbiology
Aerobiology and Environmental Biology
5. **Date of 1st Appointment** : 05-10-1993
6. **Nature of Appointment** : Through M.P. P. Sc., 1993
7. **Posted at present** : Govt. D.B. Girl's P.G. (Auto) College,
Raipur (C.G.)
8. **Teaching Experience** : Approximately U.G. -27 years and
P.G. - 15 years
9. **Research Experience** : 10 years
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- 10 . **Ph. D. Guide** : **From- 2012**

Name of Research Scholar- Mrs. VAISHALI MOHRIL

Title - BIODIVERSITY OF SOIL MICROFLORA IN

SILTARA INDUSTRIAL AREA PHASE -,II RAIPUR C.G.

Major/Miner project work-

Name of Principal investigator	Duration year	Title of the project	Name of the funding agency	Total Grant		Status
				Sanctioned	Received	
Dr. B M Lall	2012-14 1)	“Screening of fungi for Amylase production from solid waste of College campus”.	Reference: U.G.C. Central regional office, Bhopal / F.No : MS-91/202040/2011-12/ CRO (2) Dt. 6 June 2012	Rs(82000/- Allocation)	52500/- (Grant Released)	Completed
Dr.B.M. Lall	2014-16 One year Extension (2016-17)	Isolation, screening and identification of amylase producing bacteria from vegetable waste of Chhattisgarh with special reference to Raipur vegetable market.	CCOST -Lt. no-1086/CCOST/04.0 9.14-06.03.17 (Two Year)	Rs. 3,40,000/-	3,40,000/-	Completed

1.

10. Refresher Courses :

1. Refresher course in Botany from 03.03.97 to 22.03.97 organized by ASC Rani Durgawati University, Jabalpur (M.P.).
2. Orientation course from 31.05.99 to 27.06.99 organized by ASC Dr. Hari Singh Gaur University, Sagar (M.P.).
3. Refresher course in Botany from 28.04.2000 to 16/05/2000 organized by Deptt. of Computer Science, Guru Ghasidas University, Bilaspur (C.G.).
4. Refresher course in Biotechnology and Computer sciences from 23/12/04 to 13/01/05 organized by ASC Pt. R.S.S.U. Raipur (C.G.).

11. Seminars (Participation)

1. Participated in the Forty ninth annual meeting and National symposium on **“Emerging Issues in Plant Pathology”**. February 15-17, 1997. R. D. Vishwavidyalaya Jabalpur (M.P.).
2. Participated in the National seminar on **“Integrated Management of Plant Resources”**. January 23-24, 1998. Organised by Department of Botany, Danielson College, Chhindwara (M.P.).
3. Participated in the National Semimar on **“Bhartiya Samvidhan vartamaan paripaksha main”**. 24.11.2002 organized by Department of History, Govt. College Shankarnagar, Raipur. (C.G.).
4. Participated in the Symposium on “Genetic Diseases and Molecular Biology”. 25th July 2008, **“Trends in regenerative & Molecular Medicine”**, Organised by Dept. of Biochemistry, Pt. J.N.M. Medical College, Raipur (C.G.).
5. Participated in the National symposium on **“Trends in genetic and personalized Medicine”**, 25 July 2009, organized by Department of Biotechnology, Pt. J.N.M. Medical College, Raipur (C.G.).
6. Participated in the National Seminar on **“Eco-Tourism in Chhattisgarh: Status and Prospects”**, Organized by Department of Geography, Govt. D B Girl’s P.G. (Auto) College, Raipur, 26-27 November 2010.
7. Participated in the National symposium on **“Cell Therapy”**, 25 July 2011, organized by Department of Biotechnology, Pt. J.N.M. Medical College, Raipur (C.G.).
8. Participated in the National Seminar on **“Recent Trends in Plants & Microbial Sciences”**, Organised by Department of Botany & Micrbiology, Govt. V.Y.T. P.G. Autonomous College, Durg (C.G.). 2012
9. Participated in the National Conference on **“Conservation of Biodiversity in India, some Issues”**, Organised by Arts and Commerce Girl’s College, Devendra Nagar, Raipur (C.G.), October 16th -17th, 2012.
10. Participated in the National Workshop on **“Awareness towards Holistic Management of Environment”** organized by Dr. Radhabai Govt. Naveen Girls College, Raipur (C.G.) on 7th August 2012.
11. Excellent Presentation in Group activity (1st in Group activity) in the National Workshop on **“Awareness Towards Holistic Management of Environment”** organized by Dr. Radhabai Govt. Naveen Girls College, Raipur (C.G.) on 7th August 2012.

12. Participated in the National symposium on **“Digital Medicine”**, 25 July 2014, organized by Department of Biotechnology, Pt. J.N.M. Medical College, Raipur (C.G.).
13. Participated in the National Seminar on **“Neutraceutical Attributes of Soya Milk- A step towards Healthy Life”** Organized by Indian Dietetic Association, Chhattisgarh Chapter and Chhattisgarh Industrial and Technical Consultancy Centre on June 8, 2014.
14. Participated in the National Symposium on **Role of Quality Control in healthcare Management”** , 25th July, 2015, organized by Pt. Deendayal Upadhyay center for Genetic Diseases & Molecular Biology, Department of Biochemistry, Pt. J.N.M. Medical College, Raipur (C.G.).
15. Participated in Interdisciplinary International Seminar on **“ Rationalizing the utilization of available natural resources through appreciate technological intervention”** , 22nd Sept. to 24th Sept., 2015, Organized by Swami Shri Swaroopanand Saraswati Mahavidyalaya, Hudco Bhilai (C.G.).
16. Participated in Rashtriya Sangoshthi on **“Maanas me Vigyaan”**, 25th -26th Sept. 2015, Organized by Pt. Sunderlall Sharma Mukta Vishwavidyalaya, Chhattisgarh.
17. Participated in the National Seminar on **“Environmental Problems and Sustainable Development: Issues and Challenges**, January 19-20, 2016, Organised by Dept. of Botany, Govt. Rajeev Lochan College Rajim, Distt. Gariyaband (C.G.).
18. Participated in one day Seminar on **“Women Entrepreneurs Progress, New Oppertunities/Social & Psychological Challenges & Other Gender Issues”** , Organised by **Centre for Women Studies**, Govt. D B Girl’s P.G. College, Raipur C.G., 23rd March 2018.

NATIONAL SEMINAR & CONFERENCE (PAPER PRESENTED)

1. **“Ecologicval studies of Aeromycoflora of Garden, Collectorate Parisar, Raipur”**. 14th National conference on Aerobiology 15th-17th January 2007. School of Studies in Biotechnology, Pt. R.S.S. University, Raipur (C.G.).
2. **“Aeromycoflora (Outdoor) of Dr. Bhim Rao Ambedkar Hospital Raipur”**. Madhya Shetriya Vigyaan Sammelan (M.P., C.G. & U.P.), 21-22 February, 2009 organized by Govt. M. H. D. Home Science College, Jabalpur (M.P.).
3. **“Biodiversity of Aeromycoflora of Garden, Collectorate parisar, Raipur.”** 16th NCA, National Seminar on Aerobiology, Davengere, Karnataka during 19th – 21st November 2010.

4. **"Jan Sansadhan Vikas"** Natinal Siminar on Water Resource Development & Conservation, organized by Department of Geography, Govt. Bilasa Girls P G College, Bilaspur, (C G).
5. **"Studies of sources and control of Indoor and outdoor Aeromycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur"**. National Seminar on Changing Environment and its Impact on Biodiversity, Organised by Department of Botany Govt. D.B. Girl's P.G. Autonomous College,Raipur (C. G.), 11-12 October, 2012.
6. **"Biodiversity and Ecological Studies of Aeromycoflora of Garden Collectorate parisar, Raipur"**. 17th National Conference of Indian Aerobiological Society, Pune. *Impact of Airborne Microbes*, 13th – 15th December, 2012.
7. **"Global Warming and Human Interference"**. National Seminar on **"Global Warming: Crisis Confronting Human Survival."** Organised by Department of Botany, Govt. Kamla Devi Mahila College Rajnandgoan (C.G.), 18th-19th January, 2013
8. **"Microbial community & Biodeterioration of historical monuments of Baster"**. National conference on **"Microbial Diversity: Exploration, Conservation & application"** Organised by Department of Botany, Govt. Raghavendra Rao post Graduate science College, Bilaspur (C.G.), 16th- 17th February, 2013.
9. Chaired a session in National Conference on **"Traditional Knowledge & Biotechnology"**, November 22-24, 2013, Organized by School of Studies in Biotechnology ,Pt. Ravisankar Shukla University, Raipur (C.G.)
10. **"Organic food and health"**. National seminar on **Food Technology 7 Women Entrepreneurship** Organized by Indian Dietetics Association (IDA) Chhattisgarh Chapter in Academic association with Government D. B. Girls P.G. College, Raipur (C.G.). 26th September 2014.
11. **"Utilization of agro-biodiversity for maintaining the health ecosystem"**. National Research on Agricultural Development and Probability of Employment in Chhattisgarh Organized by Department of Post Graduate Studies in economics, Govt. Madan Lal Shukla College, Seepat , Bilaspur (C.G.), November 07-08, 2014.
12. Presented paper entitled **"Envornmental Pollution"**. National Research Seminar on **Environment and Conservation of Biodiversity** organized by Department of botany, Govt. Madan Lal Shukla College, Seepat, Bilaspur (C.G.). January 29-30, 2015.
13. Presented paper entitled **" Diversity of Aeromycoflora of Siddhivinayak temple of Raipur"** National Seminar organized by Dr. Radhabai Govt. Naveen Kanya mahavidyalaya,Raipur (C.G.) 7th August 2015.

14. Presented paper entitled “**Environmental Pollution and Health**”, on One day Interdisciplinary National Seminar on “**Energy Industry and Environment**” organized by Dept. of Physics, Govt. Vivekanand (P.G.) College, Manendragarh (C.G.) , 9th October 2015.
15. Presented paper entitled “**Leaf Surface Mycoflora around Dr. Bhim Rao Ambedkar Hospital,Raipur**” in the 18th Conference on Impact of Aerosol on Health, Heritage and environment , organized by Dept. of Science, tumkur University, September 28 to 30,2015.
16. Presented paper entitled “**diversity of soil, water and leaf surface mycoflora of hospital, Raipur**” in 19th National Conference of Indian Aerobiological Society, Bose Institute, Kolkata from 9th to 11th December, 2016.
17. Presented poster presentation- entitled “**Biochemical Effect of Carbon and Nitrogen sources on Bio-catalytic a-amylase Enzyme production from *Bacillus subtilis* Mb6**” in XX National Conference of Aerobiology on **Airborne Pollen and Spores: Assessment, Impact and Scope**, organized by Dept of Botany Sant Gadge Baba Amrawati University. During 29th- 31st January.
18. National Seminar on Urbanization and its Impact with reference to Smart City- Oral presentation on “**Diversity of Soil Fungi in RF 96 of Balod Forest C.G. , India during Summer season**” 4-5th January, 2019. Dept. of Geography, Govt. D.B. Girls Autonomous College, Raipur C.G.
19. National Seminar on Urbanization and its Impact with reference to Smart City- Oral presentation on “**Dominance of *Aspergillus* and *Penicillium* species in polluted soil of Siltara Area Phase -II C.G.**” 4-5th January, 2019. Dept. of Geography, Govt. D.B. Girls Autonomous College, Raipur C.G.

INTERNATIONAL CONFERENCES (Paper Presented-03) at Malaysia, Belgium and Dubai and Raipur

1. “**Biodiversity of some dominant fungi i.e. *Alternaria*, *Curvularia* and *Cladosporium* in Indoor Environment of Dr. Bhim Rao Ambedkar Hospital, Raipur**”. 5thInternational Congress of Chemistry and Environment, **Port Dickson, MALAYSIA from 27th to 29th May 2011.**
2. “**Aerobiological studies of some dominant fungi in the environment of Garden, Raipur, Chhattisgarh**” 6thInternational Congress of Chemistry and Environment at **Antwerp,**

BELGIUM from 8th to 10th July 2013, Organised by Research Journal of Chemistry and Environment.

3. **“Biodiversity of Aeromycoflora of Pt. Ravisankar Shukla Udyan, Collectorate Parisar, Raipur”** on International Colloquium on Endocrinology and Physiology, Organized by Department of Zoology, P.G. Autonomous College, Raipur (C. G.), from 29-30 Sep., 2014.
4. International Conference on **21st Century Challenges in New Life Sciences, Social Sciences, Commerce and Humanities” (21st CCNLSCH-2015)** held during November 18-22, 2015 at **Hotel Grand Excelsior, Bur Dubai, UAE**. Presented paper entitled **“ Screening of Fungi for Amylase production from Solid Waste of College Campus.**
5. International Colloquium on **Ambient Science to Strengthen the Green Economy** held at **Raipur, Chhattisgarh, India** on 7th to 10th of June, 2018. Presented paper entitled **“ Importance of Soil Fungi”**.

PUBLICATION OF BOOK (02):

1. **FUNGAL BIODIVERSITY OF HOSPITAL AREA** (Seasonal Biodiversity of Fungi) LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany. **ISBN: 978-3-8443-1733-6, June 2011.**
2. **ATMOSHERIC FUNGAL DIVERSITY OF CHHATTISGARH** (Fungal Flora of Chhattisgarh (INDIA)). LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany. **ISBN: 978-3-8454-3764-4, September 2011.**

BEST PAPER PRESENTATION AWARD

Best paper presentation award on oral paper entitled **“Leaf Surface Mycoflora around Dr. Bhim Rao Ambedkar Hospital, Raipur”** in the 18th Conference on Impact of Aerosol on Health, Heritage and environment , organized by Dept. of Science tumkur University, 28th to 30th September, 2015.

Research paper Published

1. **“Ecological studies of outdoor aeromycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur”**. S.K. Jadhav and B.M Lall (2010). (In Research Journal- *Flora and Fauna*, 2010 vol, 16 No 1 pp. 03-13. ISSN 0971-6920

2. **“Seasonal variation of Indoor Aeromycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur”**. S. K. Jadhav and B.M. Lall (2011). (*Advances in Plant Sciences*, An International Biannual Research Journal- Muzaffarnagar, U.P. INDIA). Vol. **24 (1) 101-107, 2011** ISSN 0970-3586, Reg. No. 47893/88.
3. **“Biodiversity of some dominant fungi i.e. *Alternaria*, *Curvularia* and *Cladosporium* in indoor environments of Dr. Bhim Rao Ambedkar Hospital, Raipur”**. Jadhav S. K. and Lall, B.M. (2011). (In an International - *Research journal of Chemistry and Environment*, vol. **15 (2) JUNE 2011**. SCIENCE and SCOPUS having impact Factor 0.32
4. **“Biodiversity of Aeromycoflora of Garden, Collectorate Parisar Raipur”** Jadhav, S.K. and Lall B.M. (2011). *Int. J. Environmental science* Vol **1 (1): pp 103-115** Oct. - Dec.(2011) ISSN: 2249-2127.
5. **“Biodiversity of *Aspergillus* and *Penicillium* from indoor environments of Dr. Bhim Rao Ambedkar Hospital, Raipur**. Jadhav, S.K. and Lall B.M. (2011). *Deccan Current science* Vol. **06 : 352-363 Dec. (2011)**. RESEARCH PAPER PUBLISHED (INTERNATIONAL JOURNALS).
6. **"Effect of Incubation Period (with Static and Shaking condition) on α -Amylase Production from *Aspergillus flavus*"**.B. M. Lall, Jai Shankar Paul and S. K. Jadhav (2015). *Advances in Biological Research*, 9 (1): pp 01-06, ISSN 1992-0067,publications 2015 DOI ;10.5829/ idosi. Abr. 2015.9.1. 91172
7. **Diversity of Soil Mycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur, Chhattisgarh**. B M Lall. (2016): *Deccan Current Science, Peer reviewed Research Journal (Half early)* Vol. 15 No 1, July2016.ISSN: 0975-3044.
8. **Effect of Carbon and Nitrogen sources α -amylase enzyme production from *Bacillus subtilis* MB 6-** Beulah M Lall, Jai Shankar Paul, Shailesh Jadhav and K.L. Tiwari,: (2016), *Indian Journal of Aerobiology* Vol **29 (1&2)**,pp 37-41,2016, Publisher Indian Aerobiological. ISSN No. 0971-1546.
9. **Parameters optimization and kinetic study of α -Amylase enzyme of *Bacillus sp. MB6* isolated from vegetable waste**. J.S. Paul, B. M. Lall, S.K. Jadhav,K.L.Tiwari: ELSEVIER: *Process Biochemistry* **52 (2017)**123-129. ISSN- 1359-5113. Impact factor 3.067.2017.
10. **Dry and Wet season dependent the distribution pattern of Soil Fungi: a case study from a mixed forest of Balod, Chhattisgarh, India**. Bharti Mandavi and Beulah Madhurima Lall (2018) *Ambient Science* **5 (2), Sp1 & Sp2) 58-59**, *Ambient Science* **5 (2), Sp1 & Sp2) 58-59**, ra05 , July 1.7.2018 ISSN- 2348-5191 print verson & 2348-8980 online National Cave Research.

11. **Ecological Factors Dependents soil fungi diversity from an Industrial area of Raipur, Chhattisgarh, India.** Vaishali Mohril and Beulah Madhurima lall (2018). *Ambient Science* **5 (2), Sp1 & Sp2)pp 58-59**. July 1.7.2018 ISSN- 2348-5191 print version & 2348-8980 online National Cave Research.
12. **Isolation & Identification of Novel *Bacillus equilensis* TB5 from vegetable waste and Analyse the effect of rudiment compound on Bio- Catalytic α -Amylase production –J.S. Paul, B M Lall, S K Jadhav, K L Tiwari (2019): Research and Review; *A Journal of Microbiology and Virology* vol **9(2)**pp 39-50,2019. ISSN- 2230-9853 (online), ISSN- 2349-4360 (print).**
13. **Isolation and Identification of soil Fungi in Siltara Industrial area Phase -II, Raipur Chhattisgarh in winter Season.** Vaishali Mohril and B M Lall (2019): *International Journal of Life Sciences Research*, Vol. 7, Issue1, pp: 298-303, 2019. ISSN- 2348-313X (Print) ISSN- 2348-3148 (online)
14. **“Aeromycoflora (outdoor) of Dr. Bhim Rao Ambedkar Hospital, Raipur”.** (In Indian Journal of Aerobiology - *Aerobiology & Allergy Laboratory*, Delhi University Campus, Delhi-INDIA) (for publication in process).

Abstracts Published:-

1. **“Aeromycoflora of Pt. Ravishankar Shukla Udyan, Collectorate Parisar, Raipur”.** Abstract, 14th National Conference on Aerobiology, Pt. RSU, Raipur, 15th January, 2007.
2. **“Aeromycoflora (outdoor) of Dr. Bhim Rao Ambedkar Hospoital, Raipur”.** Smarika aur Saaransh, Madhya shretriya Vigyaan sammellan, 21st-22nd February 2009, Jabalpur.
3. **“Ecological studies of indoor Aeromycoflora of Dr. Bhim Rao Ambedkar Hospoital, Raipur”.** Abstract: 15th National Conference on Aerobiology and National symposium on Airspora- Impact on plant, animal and human health concluded at Department of Life Sciences, Manipur University, 6-8 March, 2009.
4. **“Biodiversity of Aeromycoflora of Garden, Collectorate Parisar, Raipur”.** Souvenir, 16th National Conference on Aerobiology and National Symposium on Applications of Biotechnology in environment management & Medicine. 19th -21st November, 2010. Devengere, Karnataka.

5. **“Jan Sansadhan Vikas”** Natinal Siminar on Water Resource Development & Conservation, organized by Department of Geography, Govt. Bilasa Girls P G College, Bilaspur, (C G), Jan, 7&8 2011.
6. **“Studies of sourses and control of Indoor and outdoor Aeromycoflora of Dr. Bhim Rao Ambedkar Hospital, Raipur”**. National Seminar on Changing Environment and its Impact on Biodiversity, Organised by Department of Botany Govt. D.B. Girl’s P.G. Autonomous College, Raipur (C. G.), 11-12 October, 2012.
7. **“Biodiversity and Ecological Studies of Aeromycoflora of Garden Collectorate parisar, Raipur”**. *Abstract & Souvenir*, 17th National Conference of Indian Aerobiological Society, Pune. *Impact of Airborne Microbes*, 13th – 15th December, 2012.
8. **“Global Warming and Human Interference”**. National Seminar on **“Global Warming: Crisis Confronting Human Survival.”** Organised by Department of Botany, Govt. Kamla Devi Mahila College Rajnandgoan (C.G.), 18th-19th January, 2013.

TRAINING PROGRAMME

1. Training and Orientation Programme, Rastriya Seva Yojana, Chhattisgarh Prashasan Academy & Rashtriya Seva Yojana, Higher Education Department, Raipur, From 11.07.05 to 20.07. 2005.
2. Educational Training Programme in Plant Tissue Cultire, Biochemical & Molecular Techniques (Seven Days Training Programme), From **Devleela Biotechs, VIP Road, Raipur**, 24 March 2011 to 30 March 2011.
3. Participated in the National Workshop on **“Awareness Towards Holistic Management of Environment”** organized by Dr. Radhabai Govt. Naveen Girls College, Raipur (C.G.) on 7th Auguuust 2012.
4. Excellent Presentation in Group activity (1st in Group activity) in the National Workshop on **“Awareness Towards Holistic Management of Environment”** organized by Dr. Radhabai Govt. Naveen Girls College, Raipur (C.G.) on 7th August 2012.
5. One Day Workshop on **“Trends and applications in microbiology and bioinformatics”**. On November, 22, 2014 organized by Bilaspur University, Bilaspur (CG) and SARC, Hyderabad.
6. One Day Interdisciplinary National Work Shop on **“Microwave Assisted Food Processing Knowhow”** on 31st November, 2015. Organized by Dept. of Home Science, Govt. Vivekanand P.G. College, Manendragarh, Korea (CG).

7. Rashtriya chhatar Shiksha Abhiyan (RSUA) Sponsored Workshop on “**HIGHER EDUCATION AND ENABLING ATMOSPHERE**” 2nd to 4th September 2015 at Govt. D B Girls P G College Raipur.
8. Short Term Training Program in “ **Biotechnological Techniques**” at Devleela Biotechs Raipur (C G), From 19th March to 20th March, 2015.
9. Workshop on “**Baans Shilp aur Donapattal Nirmad Karyashala**”Organized by **MAHILA ADHAYAN KENDRA**, Govt D B Girls P G College, Raipur on 01to 02 February,2018.
10. Workshop on “**Water Analysis**” Organized byDept. Of Botany, Govt D B Girls P G College, Raipur on 26th February2018.
11. National Science Day 2018 Theme “ **Sceince and Technology for sustainable future**”, sponsored by CGCOST Raipur, organized by Govt. D B Girls P G College Raipur.
12. State level Workshop on "**Science and Technology for Harnessing Natural Resources towards Sustainable Development**". 10th March, 2018, Dr. Radhabai Govt. Navin Kanya Mahavidyalaya, Raipur (C.G.).
13. National Workshop on “**Operation and Maintenance of Opto Analytical Laboratory Equipment's**". 6-10 January,2020. National workshop- organized by Govt. D B Girls PG College, Raipur in Association with Western Regional Instrumentation Centre, Mumbai, Maharastra.
- 14.

CHAIRPERSON IN INTERNATINAL/ NATIONAL CONFERENCES

1. Chaired a session in National Conference on ”**Traditional Knowledge & Biotechnology**”, November 22-24, 2013, Organized by School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C. G.).
2. Chaired a session in an Inter-national Conference on “ **21st Century Challenges in New Life Sciences, social Sciences, Commerce and Humanities**”. Held during November 18-22, 2015, In Collabaration with International digital Organisation for scientific Information, society, at **BUR DUBAI, UAE**.
3. Chaired a session in National Conference on “ **Innovations & Prospects in Biotechnology**”, January 02-04, 2016, Organized by School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C. G.).
4. Chaired a session in National Conference on “**Biodiversity of Medicinal and Arromatic Plants with respects to its Collection, Conservation & Characterization**”. January, 28-29,

2016 . Held at GD Rungta College of Science & Technology, Kohka-Kurud Road, Bhilai, Chhattisgarh.

5. Chairperson- Oral presentation session on **Aerobiology- 21st National conference on Aerobiology**. November, 18-20, 2019, Department of Botany, Vishva- Bharti, Santiniketan, WB.
6. **Chairperson-Technical session on National Conference on " Recent Advances & Trends in Biotechnology**, January 10-12, 2020, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C. G.).

Other Activities

Life member:

- Life member of *Indian Aerobiological Society*, New Delhi, India.
- Life member of *Advances in Plant Sciences*, Muzaffar Nagar, U.P.
- Life member of *Flora and Fauna*, Jhansi,(M.P.)

Fellow Member:

- **Fellow members** of “*Research Journal of Chemistry and Environment*,” (International Research Journal of Chemical Sciences and Environmental Sciences) International Congress of Chemistry and Environment, Indore 452010 (M.P.) INDIA.

Others:

- Member of Board of Studies of Microbiology of Bastar University, Jagdalpur (C.G.).
- Ph.D. Guide, Pt. Ravishankar Shukla University, Raipur(C.G.)
- Consultative member of National Center for Natural Resources of Pt. RSU, Raipur and Institute of Ayurveda and Integrative Medicine, Bangaluru. (Consultative meeting held at Raipur from 13-14 March 2013).
- President of 1st Alumni Association of Biotechnology, S.o.S. in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.).

- As a question paper setter of Annual Examination of under Graduate classes and semester examination of post graduate classes of various Universities i.e. Pt. RSU, Raipur; Bastar University, etc. and various Autonomous College.

National level Online Quiz

From 29.5.2020 to 6.8.2020- **More than 40 Quiz Certificates**

National and International Online Webinars

From 29.5.2020 to 30.06.2020- **More than 250 Webinar Certificates**