



BIO-DATA OF DR.AMIA EKKA

1. Full Name - DR. AMIA EKKA
2. Father's/Husband's Name - MR. NEELAM SANJEEV EKKA
3. Date of Birth - 02/08/1974 in Words- Second August Nineteen Seventy- four
4. Sex - FEMALE
5. Nationality - INDIAN
6. Permanent Address - VILL.+ P.O. – BAGBAHAR, TEHSIL - PATHALGAON
DISTRICT – JASHPUR (C.G.) 496220
7. Present postal Address - A-1, TEACHERS COLONY, PT. RAVISHANKAR SHUKLA
UNIVERSITY CAMPUS, RAIPUR
CHHATTISGARH ,(INDIA) : PIN - 492010
MOBILE - 09406200204
E – Mail: amia_tirkey@rediffmail.com
8. Area of Specialization :- Botany (Ethnobotany), Plant Pathology
9. (i) Date of appointment (Post on - Lecturer) - 20th September 2003
(ii) Date of Confirmation (Post on - Lecturer)– 20th September 2005
(iii) Date of Senior Scale (Stage 2) - 20th September 2007
(iv) Date of next scale (Stage - 3) - 20th September 2012
(v)Date for next scale (Stage - 4) - 20th September 2015
10. Currently working place - School of Studies in Life Science
Pt. Ravishankar Shukla University, Raipur - 492010

11. Academic qualification (Matriculation onwards)

| <i>S. No.</i> | <i>Examination Passed</i> | <i>Board/University</i> | <i>Year</i> | <i>Division Grade</i> | <i>% of marks</i> | <i>Subject/ Specialization</i> |
|---------------|---------------------------|--------------------------------|-------------|-----------------------|-------------------|--------------------------------|
| 1 | H.H.S.C. | M.P. Board, Bhopal | 1991 | I | 65% | All Subject |
| 2 | H.S.C. | M.P. Board, Bhopal | 1993 | II | 59.75% | Phy, Chem, Biol |
| 3 | B.Sc. | Barkatullah University, Bhopal | 1996 | II | 57% | Biology |
| 4 | M.Sc. | Barkatullah University, Bhopal | 1998 | II | 59% | Botany |
| 5 | Ph.D. | Barkatullah University, Bhopal | 31/12/2002 | - | - | Botany (Ethno-medicine) |
| 6 | Diploma M.Sc | IIEE, New Delhi | 2000 | I | 65% | Eco. & Environment |

9. 1) **Award** : FES (Fellow of Ethnobotanist) year 2010

2) **Medal**: D.C.Pal Medal (Year- 2014) from Society of Ethnobotanists

10- **NET** qualified. in year 1999 for Lecturer ship, Subject – Anthropology

11.. Details regarding refresher courses / Orientation courses attended :

- (1) U.G.C. sponsored Refresher Course in Computer Sci. & Biotechnology from 23 December 2004 to 13 Jan. 2005; Obtained Grade “A” Organised by S.o.S. in Com. Sci. & Bio. Dep. PRSU, Raipur.
- (2) U.G.C. sponsored Orientation Program in Academic Staff College, Summer Hill Shimla, From 03 April to 30 April 2007; Obtained Grade “A”
- (3) U.G.C. sponsored Refresher course at ASC, Kumaun University, Nainital (Uttarakhand); Dated from 14th November to 04th December 2009

12. List of Publication :-

[A] PAPER PUBLICATION

1. **Amia** Tirkey ,S.S,Khan,F.Khan (2000) - Medicinal Plants used in the treatment of hair in Raigarh distt. of M.P. (India) *Vistas in Ethnobotany* , Decent Publication, Bhopal 1:104-110
2. **Amia** Tirkey ,S.S,Khan,F.Khan (2000) - Medicinal plants used by tribals of Raigarh distt. (M.P.) for jaundice. *Vistas in Ethnobotany* , Decent Publication, Bhopal I: 163-171
3. **Amia** Tirkey ,S.S,Khan,F.Khan (2002) - Plants of Asteraceae: an ethnomedicinal study of Raigarh distt. (Chhattisgarh) *Indian J. Applied and pure biology* . 17 (2): 166-169
4. **Amia** Tirkey (2004) - Some ethnomedicinal plants of Chhattisgarh state .*Ethnobotany* 16:118-124(UGC J. List No. 11430)
5. **Amia** Tirkey; Fatima Khan; Khan, S. S.; Saify, T.(2004) - Medicinal plants used in treatment of indigestion in Raigarh of M.P. *National Conference On Sustainable Utilization of Biological Resources 16-18 March 2001*, Proceedings of national conference, Scientific Publishers (India), Jodhpur, 2004, pp-98-104.
6. **Amia** Tirkey ,S.S,Khan,F.Khan (2005) - Ethnomedicinally important plants used in the treatment of skin affliction by the tribals of Chhattisgarh State . In *Ethnomedicine and Human Welfare* Vol.III (.I.A.Khan&A. Khanum ed.) Page 68-90,Ukaaz Publications,Hydrabad (A.P.)India
7. **Amia**Tirkey(2005)-Medicinal plants used in the treatment of various ailments. In *Herbal medicine for Human Disease*, Vol.II:(.I.A.Khan&A.Khanum ed.)Page-269-279 Ukaaz Publications,Hydrabad(A.P.)India.
8. **Amia** Tirkey (2005) - Herbal remedies for Diabetes. In *Modern and alternative medicine for Diabetes*. (.I.A.Khan&A. Khanum ed.) Page : 229-288,Ukaaz Publications,Hydrabad (A.P.)India
- 9.**Amia** Tirkey (2005) - Wild edible plants of India. In *Ethnomedicine and Human welfare* Vol. IV (.I.A.Khan&A. Khanum ed),Page - 274-284, Ukaaz Publications,Hydrabad (A.P.)India
10. **Amia** Tirkey and S.K.Jain (2006) - The Tradition of Clan names and conservation among the Oraons of Central India. *Indian Journal of Traditional Knowledge*. Vol. 5(2),224-226. (UGC J. List No. 127)
- 11.**Amia** Tirkey (2006) -Some ethnomedicinal plants of family – Fabaceae of Chhattisgarh State. *Indian Journal of Traditional Knowledge* Vol. 5(4),551-553 (UGC J. List No. 127)
- 12.**Amia** Tirkey (2006) - Fish Stupefying plants used by Tribals of Jashpur District,C.G. *Journal of Economic & Taxonomic Botany* Vol. 30 No. Suppl., 163-166.
13. **Amia** Tirkey ,Vivek Kumar,R.L.S.Sikarwar & S.K.Jain (2006) - Ethnobotanical research in Chhattisgarh – A conspectus. *Ethnobotany* Vol. 18,67-76 (UGC J. List No. 11430)

14. Amia Tirkey (2007) - Notable Ethnomedicinally Important plant species of Chhattisgarh. In *Ethnomedicinal plants of India*, (P.C.Trivedi ed.) Page - 188-233. Aavishkar Publisher, Distributors, Jaipur (Rajasthan)

15. Amia Tirkey (2008) - Ethnobotany in Chhattisgarh (India) : A Graphic review and future Directions. In *Herbal Cures: Traditional Approaches* (D.A.Patil ed.) Page - 340-347, Aavishkar Publisher, Distributors, Jaipur (Rajasthan)

16. Amia Tirkey (2009) - Some rare and less known ethnomedicinal plants used by tribal community from Chhattisgarh. in *Indigenous Ethnomedicinal plants*, . (P.C.Trivedi ed.) Page 185-189, Pointer Publishers, Vyas Building, S.M.S. Highway, Jaipur. (Rajasthan).

17. Amia Ekka (2011) - A Historical overview of ethnobotanical literature of Chhattisgarh [India] : A graphic review and future directions. *Research J. Science and Tech.* 3(4):220-224

18. Amia Ekka (2011) - Medicinal plants used by local inhabitants in Jashpur District, Chhattisgarh, India. Proceedings of *Climate change and its effect on biodiversity*. Page no.- 32-36

19. Amia Ekka (2011) - Folklore claims of some medicinal plants used by tribal community of Chhattisgarh, India. *Research Journal of Biology* (UK) 01(01):16-20 (Impact Factor – 0.619)

20. Amia Ekka (2012) – Some rare and less known plants used by Gond and Korwa tribes in their healthcare from Chhattisgarh. *Biodiversity: Issues, Impacts, Remediation and Significances* Ed. V.I.Paul VL Media Solutions, New Delhi Page : 381-387

21. Amia Ekka (2012) - Some traditional medicine for anti-fertility used by the tribals in Chhattisgarh, India. *International Journal of Biology, Pharmacy and allied sciences* (UK) 1(2):108-112 (SJIF – 3.879)

22. Amia Ekka (2012) - Some interesting alcoholic beverages among the tribal communities in Chhattisgarh, India. *International Journal of Pharmaceutical Research and Bio-science* 1(4):353-359 (SJIF – 4.278)

23. Amia Ekka (2013) – Some rare plants used by Hill-Korwa in their healthcare from Chhattisgarh. *International Journal of Life Sciences, Biotechnology and Pharma Research* 2(1):198-203 ISSN 2250-3137 (Impact Factor)

24. Jasmeet Kaur Sohal, Amia Ekka (2013) – Biochemistry and Medicinal values of *Aloe barbadensis* Miller Vera: A Review. *International Journal of Medicinal plants*. Photon 105, 128-134 (Impact Index 3.12)

25. Amia Ekka, Neelam Sanjeev Ekka (2013) - Traditional plants used for snakebite by Oraon tribe of Jashpur district, Chhattisgarh. *International Journal of Advanced Research in Management and Social Sciences* (ISSN: 2278-6236) Volume 2, Issue 6, June 2013 Page 1-9 (SJIF – 4.400)

26. Amia Ekka, Neelam Sanjeev Ekka (2013) - Traditional Health Care in Birhor Tribes of Chhattisgarh Online *International Interdisciplinary Research Journal* (Bi-Monthly), (ISSN: 2249-9598), Volume - III, Issue VI, Nov-Dec 2013 Page 476-483. (Impact Factor - 2.089)

27. Amia Ekka, Neelam Sanjeev Ekka (2014) - *Madhuca longifolia* var. *latifolia* : An Important Medicinal Plant used by tribes of North – East part of Chhattisgarh. *Online International*

28. **Amia Ekka (2014)** - Traditional health care in Baiga Tribes of Chhattisgarh. Souvenir of International Conference-2014 "Ayurveda For All" At Dehradun By Ayush Darpan Health Magazine, Dehradun. Page no.- 92-99. ISSN- 0976-3368
29. **Amia Ekka, Neelam Sanjeev Ekka (2015)** –Some Indigenous Phytotherapy Among the Tribes of Chhattisgarh. Recent advances in Ethnobotany Edi. Sanjeev Kumar, Deep Publications, New Delhi. Page no. 90-92 ISBN: 978-93-80702-09-4
30. **Amia Ekka, Anju Verma & Monika Verma (2015)** - Impact of Phosphate solubilizing fungi of different habitats on plant growth: A review. *Research J. Science and Tech.* 7(3): 141-145 ISSN: 0975-4393 (Print) 2349-2988 (Online)
31. **Amia Ekka & Renu Kujur (2015)** – Spider diversity of Ram Jharna, Raigarh, Chhattisgarh, India. *Research J. Pharm. and Tech.* 8(7): 813-819 ISSN: 0974- 3618 (Print) 0974-360X (Online) (UGC-10467) (July 2015)
32. **Amia Ekka, Monika Verma & Anju Verma (2015)** – Bacterial degradation of pulp paper mill waste water isolated from contaminated site : A review. *Research Journal of Pharmacognosy and Phytochemistry.* 7(3): 175-181 ISSN: 975- 2331 (Print) 975-4385 (Online) (UGC Sr. No. - 31799) (September 2015)
33. **Amia Ekka (2015)** – Plants used in ethno-veterinary medicine by Oraon tribals of north - east Chhattisgarh, India. *World journal of Pharmaceutical research* 4(9):1038-1044, ISSN: 2277-7105 Impact factor 5.045 (August 2015)
34. **Anju Verma & Amia Ekka (2015)** – Isolation, Screening and Assessment of Phosphate Solubilizing Efficiency of Some Fungal Isolates of Raipur, Chhattisgarh. *Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* Volume 1, PP 29-36 (Special issue) e-ISSN: 2319-2402,p- ISSN: 2319-2399. (September 2015)
35. **Renu Kujur & Amia Ekka (2015)** – Inventorization of Spider fauna of IndraVihar Park, Raigarh, Chhattisgarh, India. *Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* Volume 2, PP 30-36 (Special issue) e-ISSN: 2319-2402,p- ISSN: 2319-2399. (September 2015)
36. **Monika Verma & Amia Ekka (2015)** - Kraft lignin degradation through bacterial strain isolated from soils of timber areas. *Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* Volume 3, PP 05-09 (Special issue) e-ISSN: 2319-2402,p- ISSN: 2319-2399. (September 2015)
37. **Anju Verma & Amia Ekka (2015)** – Assessment of phosphate solubilizing potential of fungal isolates from soils of three blocks of Raipur, Chhattisgarh *Journal of Ravishankar Shukla University* 28 (2) : 44-50 ISSN: 0970- 5910 (November 2015)

38. **Amia Ekka (2016)** – Traditional medicament used by Kamar tribes of Chhattisgarh, India. *Imperial Journal of Interdisciplinary Research*. 2(2): 508-515, ISSN : 2454-1362 (Online)
39. **Amia Ekka (2016)** – Fish poisonous plants used by Oraon Tribes of North-East Chhattisgarh, India. *Research Journal of Recent Sciences*, Vol. 5(ISC-2015), 24-26 (2016) E-ISSN 2277-2502
40. **Rashmi Sharma & Amia Ekka (2016)** – Diversity of medicinal plants in Pt. Ravishankar Shukla University, Campus , Raipur, Chhattisgarh, India. *European journal of Pharmaceutical and Medical research*. 3(3):383-397 . ISSN: 3294-3211.
41. **Ekka, A.** (2016). Some Ethnomedicinally Important and Rare Plants of North-East Chhattisgarh, India, *International Journal of Advanced Technology in Science and Engineering*, **10**, 97-102. ISSN: 2250-3676
42. Verma, M., and **Ekka, A.** (2016). Decolorization of Kraft Lignin by Ligninolytic Bacterial Isolates from Timber Soils of Raipur, Chhattisgarh, *International Journal of Advanced Technology in Engineering and Science*, **4**, 230-236. ISSN: 2250-3676.
43. Kujur R & **Ekka, A.** (2016) – Exploring the spider fauna of Gomarda wild life sanctuary , Chhattisgarh , India. *International Research Journal of Biological Sciences*, Vol. 5(6), 31-36, 2016, E-ISSN 2278-3202
44. Ekka N.S.& **Ekka, A.** (2016) – Wild edible plants used by Tribals of North-east Chhattisgarh (Part- I), India. *Research Journal of Recent Sciences*, Vol. 5(ISC-2015), 127-131 (2016) E-ISSN 2277-2502
45. Renu Kujur & **Amia Ekka** (2016)- Spatial diversity of Spiders of Rose Garden , Raigarh, Chhattisgarh, India. *International Journal of Advance Research in Science and Engineering*, 5 (11): 139- 144. E-ISSN 2319-8354 .
46. Anju Verma and **Amia Ekka** (2017) – Effect of nutritional parameters and NaCL concentration on phosphate solubilisation potential of *Penicillium purpurogenum* Stoll. Isolated from paddy field. *African Journal of Microbiology Research* , Vol. 11 (8): 356-365. ISSN 1996-0808. (UGC Sr. No. - 1628)
47. Monika Verma & **Amia Ekka (2017)** - Evaluation of Decolorization and Lignin Degrading Potentiality of Ligninolytic *Bacillus aryabhatai* Isolated from Pulp and Paper Mill Waste Water. *AGU International Journal of Professional Studies & Research*, Vol. No. 5, Page 7 – 13. July-Dec.2017, ISSN: 2455-1708; p-ISSN: 2455-6106 , <http://www.aguijpsr.com>. (UGC Journal No. - 42555)
48. Renu Kujur & **Amia Ekka** (2017)- Spatial mapping of spiders (Araneae) in the Gomarda Wildlife Sanctuary, Chhattisgarh,India. *AGU International Journal of Professional Studies & Research* , Vol. 5, Issue 1, July-Dec.2017, Page 134- 140. ISSN: 2455-6106 <http://www.aguijpsr.com>. (UGC Journal No. - 42555)
49. Parvez Ahmed Khan, Amia Ekka, Mehar Afroz Qureshi (2018) - Isolation and Identification of Phosphate Solubilizing Fungi From Rhizospheric soil of Chickpea plants. *International Journal of Advance Research in Science and Engineering*. Vol.07, Specal Issue No. 03, February 2018. Page No. 184-189. www.ijarse.com (UGC Journal No. 47721)

50. Parvez Ahmed Khan, Amia Ekka, Mehar Afroz Qureshi (2018) – Isolation of Phosphate Solubilizing Fungi from the Rhizospheric Soil of Wheat plant in Raipur. AGU International Journal of Research in Social Sciences & Humanities. Vol. No. 6, Jan – Jun 2018. Page No. 336-341. <http://www.aguijrssh.com> (UGC Journal No. 42559)

51. Pervez Ahmed Khan, Amia Ekka (2018) – ANTIFUNGAL ACTIVITY OF BLUMEA LACERA. International Journal of Advances in Science Engineering and Technology, ISSN(p): 2321 –8991, ISSN(e): 2321 –9009 Volume-6, Issue-4, Oct.-2018, <http://iraj.in> Page 6-8

52. Monika Verma, Amia Ekka(2018) - Decolorization and Degradation of Kraft Lignin Discharged from Pulp and Paper Mill Industry by Axenic and Co-Culture of *Bacillus* sp. *Research J. Pharm. and Tech.* 11(10): October 2018 Page 4386-4392 www.rjptonline.org (UGC- 10467)

53. **Pervez Ahmed Khan and Dr. Amia Ekka (2019) - Characterization of Phosphate solubilizing Microorganism isolated from soil** *Research J. Pharm. and Tech.* 2019; 12(3): 1353-1356. www.rjptonline.org (UGC- 10467) ISSN Print : **0974-3618** ISSN Online : **0974-360X**

13. Paper presentation in Seminars,Conferences,Symposia,Workshops etc.

1. Participate in International Holistic Health World Congress at Pedar Road, Mumbai, From Jan.01 to Jan. 02 1999

2. Amia Tirkey ,S.S,Khan,F.Khan - Ethnobotanical wealth of Raigarh distt. of M.P. – Herbal Medicinal plants used in Dysentery. *National Conference On Sustainable Utilization of Biological Resources.* March 16-18, 2001, at Sagar University M.P. [2001] Page 43. (Sponsored by UGC).

3. Amia Tirkey, T.Saify, F.Khan - Medicinal plants used in treatment of indigestion in Raigarh of M.P. *National Conference On Sustainable Utilization of Biological Resources.* March 16-18, 2001, at Sagar University M.P. [2001] Page 43. (Sponsored by UGC).

4. Participated a XVII International Symposium on Biospeleology from 25th to 30th November, 2004 at Pt. Ravishankar Shukla University , Raipur (C.G)

5. Amia Tirkey- Some ethnomedicinal plants of family Fabaceae of Chhattisgarh State. In International conference on “Modern trends in plant sciences with reference to the role of Biodiversity in conservation” Conference held at Amravati University,(MS) from 17th -20th Feb.2005, EB-1/15 Page-151. (Sponsored by UGC,Co- Sponsored By CSIR,New Delhi, The Palaeobotanical society,Lucknow).

6. Amia Tirkey,Singh Malti,Koche V,& Mishra S.K.-Some medicinal and aromatic plants of Pt.R.S.University Garden . on “National Symposium on Biodiversity: Current Status and Prospects” Symposium held at School of Life Sciences, Pt.R.S.U.Raipur.Oct.17-18, 2005Page No.103-108.(Sponsored by UGC,CSIR,New Delhi,Dpt.of Forest,RaipurC.G)

7. Amia Tirkey ,S.S,Khan,F.Khan-“Wild food plants of tribals from Chhattisgarh,India” on Silver Jubilee Symposium on the Ethnobotany in the New Millennium Symposium held at NBRI, Lucknow 12-14, Jan.2006.Page No. 26- 27(Organized by Society of Ethnobotany).

8. Amia Tirkey-Some rare and less known Ethnomedicines among the Oraon and Korwa tribes of Chhattisgarh. On National Seminar on Medicinal Plants :Its present status, prospects and

conservation.March 22-23,2006 held at Midnapur College Midnapur,West Bengal. Page No.14-15 (Sponsored by UGC).

9. Amia Tirkey-Fish stupefying plants used by tribals of Chhattisgarh, India. On National Symposium on “Emerging trends in Plant Biology,Environment Protection and Biotechnology” Department of Botany,Mohanlal Sukhadia University Udaipur (313001) October 09-11,2006. Page No.44. (Sponsored by Indian Botanical Society).

10 Participated a National Symposium on “Stem cell – In future medicine”organized by Department of Biochemistry, Pt.J.N.U.Medical College,Raipur(C.G) Dated on 25th July 2007

11. Amia Tirkey- Some rare folk medicines of Kanwar tribes from Jashpur district of Chhattisgarh. on 14th National Conference on Aerobiology Held at School of Studies in Biotechnolgy Pt.R.S.U. Raipur.C.G. January 15th to 17th 2007 Page No. 78.

12.. Amia Tirkey- Some rare and less known ethnomedicinal plants used by tribal communities from Chhattisgarh. Presented in National Symposium on “Diversity and Functionality of plant and microbes” at Department of Botany, University of North Bengal.Siliguri January 24-25,2008.Page – 09.

13. Amia Tirkey- A study on ethnomedicinal uses of plants among the Oraon tribe of Chhattisgarh. . International Seminar on Medicinal plants & Herbal products. at Department of Botany, S.V.University,Tirupati. From March 07th to 09th 2008. (Sponsored by National Medicinal Plant Board,Hydrabad) Page – 51.

14. Amia Ekka - Medicinal plants used by local inhabitants in Jashpur District. UGC Sponsored National Conference on Climate change & its Effect on Biodiversity. At Department of Biotechnology & Microbiology Bhilai Mahila Mahavidyalaya , Bhilai . 5th & 6th February 2011.

15. Amia Ekka – Some traditional medicinal plants used by tribal community of Chhattisgarh, India. National Conference on Advances in Biological Sciences, at School of Life Sciences, Pt. Ravishankar Shukla University, Raipur from 5th to 7th November 2011.

16. Amia Ekka - Some traditional plants used by tribal community of Chhattisgarh, India. National Conference on Interaction between Traditional and Modern Technology (NCITMT-2012) at C.G.Rajya Gramin Vikas Sansthan , Nimora, Raipur From 24-25th March – 2012.

17. Participated in a National Conference on Role of women in national development in the New Millennium. At Centre for Women’s study, Pt. R.S.U., Raipur, from 10th to 12th January 2013 (Act as a Chairperson)

18. Amia Ekka - Some Indigenous herbal plants used by tribes of Chhattisgarh. . National Conference On Current Developments in Modernization of Indigenous Herbal Formulation. at Columbia Institute of Pharmacy, Raipur. From 16th to 17th March 2013

19. Attended in national seminar on Carbon Credit and Food Security on 22nd March, 2013. At School of Life Sciences, Pt. R.S.U.Raipur

20. II- National seminar on Recent Advances in Biological Sciences, November 25-27, 2013 At School of Life Sciences, Pt. R.S.U.Raipur. (Act as a Chairperson)

21. **Amia Ekka (2014)** - Traditional health care in Baiga Tribes of Chhattisgarh. International Conference-2014 “Ayurveda For All” At Dehradun Jointly organized by Ayush Darpan Health Magazine & Tathagat Ayurveda Research Foundation . From 17th to 18th May 2014, Dehradun.
22. **Amia Ekka (2015)** - Ethnomedicinal Plants used by Kamar Tribes in Chhattisgarh. National Seminar on “Environment and Conservation of Bio-diversity” organized by Department of Botany, Govt. Madanlal Shukla College, Seepat, Bilaspur (C.G.) . January 29-30, 2015
23. XXV National Symposium on Chronobiology : Time in Biology & Medicine, March 27-29.2015. At School of Life Sciences, Pt. R.S.U. Raipur. (Act as a Chairperson)
24. **Amia Ekka (2015)** – Research Based Teacher Education In Chhattisgarh (India). National Conference on “Quality Education Through Application of Research and Statistics in Profession” May 31, 2015 by Department of Physical Education, Institute of Professional Studies, Gwalior (M.P.).
25. **Amia Ekka (2015)** - Paper Presentation on “Kraft lignin degradation through bacterial strain isolated from soils of timber areas” International Seminar on Rationalizing the Utilization of Available Natural Resources Through Appropriate Technological Intervention, Swami Shri Swaroopnand Saraswati Mahavidyalaya, Hudco Bhilai, September 22-24, 2015.
26. **Amia Ekka (2016)** – Plants used by tribals of Jashpur district for making of sports equipments. National Seminar on Women Empowerment and Sports organized by Department of Sports, Govt. Kamla Devi Mahila Mahavidyalaya, Rajnandgaon (C.G.) from 7th-8th January 2016.
27. **Amia Ekka (2016)** – Some ethnomedicinally Important and rare plants of north-east Chhattisgarh, India. International congress of the Society for Ethnopharmacology, India On Ethnopharmacology & Evaluation of medicinal plants – Global Perspectives. Organized by NCNR, Pt.R.S.U. Raipur From February 19- 21, 2016.
28. International congress of the Society for Ethnopharmacology, India On Ethnopharmacology & Evaluation of medicinal plants – Global Perspectives. Organized by NCNR, Pt.R.S.U. Raipur From February 19- 21, 2016. (Act as a Chairperson)
29. **Amia Ekka (2016)** – Some Phosphate Solubilizing Fungi isolated from Paddy Fields of Raipur, Chhattisgarh. 3rd International Virtual Congress – www.isca.net.co from 5th to 10th August, 2016 organized by International Science Community Association.
30. **Amia Ekka (2016)** – **Kraft lignin decolorization by Bacterial isolates from Timber soils of Raipur, C.G. National Seminar on “Advance Technique in medical Microbiology”(ATMM 2016).** Organized by Dept. of Microbiology , Shri Shankracharya Mahavidyalaya Junwani, Bhilai, 8-9 September 2016
31. **Amia Ekka (2016)** - Paper presentation on “Some Ethnomedicinally Important and Rare Plants of North-East Chhattisgarh, India” 2nd international Conference on “Latest innovation in Science, Engineering and Management, The international Centre Goa, Panjim, Goa, India, October, 09, 2016.

32. **Amia Ekka (2016)** - Paper presentation on “Decolorization of Kraft Lignin by Ligninolytic Bacterial Isolates from Timber Soils of Raipur, Chhattisgarh” 2nd international Conference on “Latest innovation in Science, Engineering and Management, The international Centre Goa, Panjim, Goa, India, October, 09, 2016.

33. **Amia Ekka (2016)** - Paper presentation on “Spatial diversity of Spiders of Rose Garden , Raigarh, Chhattisgarh, India” 2nd international Conference on Recent Innovations in Science, Technology, Management and Environment, Indian Federation of United Nations Associations, New Delhi (India), November, 20, 2016

34. **Amia Ekka (2017)** - Paper presentation on “Some less known food plant among the tribals of Jashpur district (C.G.)” National Seminar on Population and Environment , Dept. of Geography , Govt. Yoganandam Chhattisgarh College, Raipur (C.G.), 15-16 February 2017.

35. **Amia Ekka (2017)** - Paper presented on “Evaluation of Decolorization and Lignin Degrading Potentiality of Ligninolytic *Bacillus aryabhatai* Isolated from Pulp and Paper Mill Waste Water”. In 3 Days International Conference on “ Latest Innovations in Science, Engineering and Management”. The International Centre Goa, Panjim, Goa (India). 28th , 29th , 30th September 2017.

36. **Amia Ekka (2017)** - Paper presented on “Spatial mapping of spiders (Araneae) in the Gomarda Wildlife Sanctuary, Chhattisgarh,India”. 3rd International Conference on Recent Research Development in Environment, Social Sciences and Humanities. Indian Federation of United Nation Associations (IFUNA). Qutab Institutional Area , New Delhi, India. Held on 14th October 2017.

37. **Amia Ekka (2017)** – Ethnomedicinal plants of North – East Chhattisgarh , India . 2nd international conference “ Frontier in Pharmaceutical Science and research “.Columbia Institute of Pharmacy, Raipur, c. g. India. Held on 23rd & 24th September , 2017.

38. **Amia Ekka (2018)** – Ethnogynocological studies of traditional medicinal plants used by tribals of C.G. National Seminar on “ Gender norms and Gender Equality “ . Center for women’s studies , Pt. Ravishankar Shukla University, Raipur. C.G. February 6 to 8, 2018.

39. **Amia Ekka (2018)** - Isolation and Identification of Phosphate Solubilizing Fungi From Rhizospheric soil of Chickpea plants. 13th International conference on Recent Innovations in Science, Engineering and Management. Shri Venkateshwara Shikshan Sansthan’s Nanasahab Mahadik College of Engineering , Peth Naka, Tal : Walwa, Dist : Sangli . Held on 23rd February, 2018.

40. **Amia Ekka (2018)** – Ethnobotanical Significance and Antifungal activity of *Blumea lacera* . “National Seminar on Relevance of Medical Anthropology and Tribal Health Care Systems in the Globalizing World.” Sos in Anthropolgy, Pt. RSU Raipur. March 16-18, 2018.

41. **Amia Ekka (2019)** – Water Management Techniques in Agriculture. “National Seminar on Water resources & Management”. Department of Commerce Govt. P.D. Commerce and Arts Post Graduate College , Raigarh (C.G.), 29th November 2019.

Resource Person

1. One-Day Brainstorming workshop on center for cognitive science & center for integrated tribal studies, Pt. R.S.U. Raipur . participated as a Resource person . Dated on 22nd march , 2016.

Workshops

1. Participated in a National Workshop on “Taxonomy &Biotechnological aspects of Fungi” at Department of Biological Sciences, Rani Durgawati University, Jabalpur. From August 20th to 25th 2007.(Sponsored by UGC)

2. Participated in a Workshop on Science Citation Index, Impact Factor, Citation Index and h-Index of Research Publications at Pt. Ravishankar Shukla University , Raipur . from 10/09/2011.(Sponsored by UGC)

3. 18. Participated in a Workshop on-SAKSHAM-IT Champion Training Program from 12.12.2011 to 22.12.2011 at Academic Staff College, Pt. Ravishankar Shukla University , Raipur (Chhattisgarh)

4. Participated in a Workshop on Prospection and Sustainable Use of Medicinal Plants of Chhattisgarh at Pt. Ravishankar Shukla University , Raipur, from 10th to 11th September 2012

5. Work shop attended On Trends & Techniques in Chronobiology, January 06-12, 2014. At School of Life Sciences, Pt. R.S.U.Raipur.

- 6.Work shop attended On “Yoga for Women”, August 03-09, 2014. At Academic Staff College, Pt. R.S.U.Raipur.

7. National workshop attended on “Research Methodology and Applied Statistics “ May 25-31, 2015. Department of Physical Education, Institute of Professional Studies, Gwalior (M.P.).

8. UGC- Short term course on “Developing communication skill” October 5th – 11th , 2015. Human Resource Development Centre, Pt. Ravishankar Shukla University, Raipur (C.G.).

9. Virtual Workshop on Environmental Studies 5th to 10th August 2016 . Organized by International Science Community Association held at www.isca.net.co.

10. UGC – Sponsered Short Term Course on“Gender issues”on October, 18-24, 2016 organized by Human Resource Development Centre, Pt Ravishankar Shukla University, Raipur, Chhattisgarh

List of research Scholars under the Supervision of Dr. Amia Ekka (Bioscience)

| S.No | Name of Scholar | Registration No./ Date of Registration | Topic | Submitted/Awarded | NET/SET/Post |
|------|--|--|---|-------------------------------|---------------------------------|
| 1. | Anju Verma Adhar No. 436591479964 | 10729/Acad./Ph.D./2014 17/09/2012 | Plant Growth Promoting Activity of Phosphate solubilizing Fungi from Soil of Paddy Fields of Raipur District Chhattisgarh. | Submitted on November 2019 | NET, SET Scientific Officer |
| 2. | Renu Kujur AD.N- 752683842848 | 10729/Acad./Ph.D./2014 17/09/2012 | Mapping of Spatial and Temporal Diversity of Spiders in Raigarh Chhattisgarh | Submitted On October 2019 | NET, SET Assistant Professor |
| 3. | Monika Verma AD.N- 964346133378 | 3982/Acad./Ph.D./2015 23/07/2013 | Degradation and Detoxification of Pulp and Paper Mill Wastewater through Bacterial Consortium | Awarded | NET, SET |
| 4. | Pervez Ahmad Khan AD.N 343037511511 | 1553/Acad./Ph.D./2016 08/10/2014 | Isolation, Characterization and Up-scaling of Phosphate solubilizing Fungi and their Effect on Chickpea Plant Growth | | Research Assistant |
| 5. | Vikram Singh | 1553/Acad/Ph.D/2016 24.06.2016 | Development and standardization of in vitro propagation protocol for virus free Banana (Musa sp.AAA) cv 'Grand Naine ' | Submitted On October 2019 | |
| 6. | Seema Upadhyay | 10729/ Acad/Ph.D/2014 27.03.2014 | Elicitation of antioxidant activity and secondary metabolites in <i>Clerodendrum serratum</i> L. through <i>in vitro</i> micropropagation | | |
| 7. | Pooja Shree Prasad AD.N 865460751718 | Letter No. 548/Acad/ Ph.D./2019 Registration No. Ph.D/19/Bio/01 10/10/2018 | Potential of Decolorization and Biodegradation of Kraft Lignin by Endophytic Fungi | | |
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