

CURRICULUM VITAE

Professor (Dr.) Tanuja, Ph.D. <i>Professor (Biological Science), CIRBSc.</i> <i>&</i> <i>Hony.Director,CSSI, Chairperson ICC</i> <i>GROUP LEADER- BIOLOGICAL RESEARCH AND NOVEL DRUG DEVELOPMENT (BRANDD)</i> <i>Google Scholar id: Tanuja Singh</i>		 <
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CAREER PROFILE & ADMINISTRATIVE ASSIGNMENTS

- a. Director, CSSI (Centre for Study of Social Inclusion), Jamia Millia Islamia, New Delhi, - Since 21st November 2023 till date.
- b. Chairperson ICC, Jamia Millia Islamia, New Delhi, June 2024 till date.
- c. Professor(Direct), Biological Science, Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi-since 14th June, 2023 till date.
- d. In-Charge, University Dept. of Botany, Patliputra University, Patna-Since 1st December 2021-February, 2022.
- e. Inspector of Colleges, Science, Patliputra University- 16th June 2018- to Nov, 2018
Coordinator College Development Council(CCDC), Patliputra University, Patna-1st November, 2018- to October, 2020
- f. Head of the Department of Botany, (Post Graduate Centre, T.P.S College, Patna(a constituent unit Patliputra University), Patna, Bihar, September 2017 to October 2019.
- g. Coordinator, Department of Biotechnology, T.P.S College, Patna (Patliputra University), Patna, Bihar, September 2017 to October 2019.
- h. Coordinator Remedial coaching for SC, ST, OBC and other backward castes, B.M.D College, Dayalpur, Vaishali, (a constituent unit of B.R Ambedkar Bihar University, Muzaffarpur, Bihar) from 2012-2013.
- i. Coordinator IQAC at B.M.D College, Dayalpur (a constituent unit of B.R Ambedkar Bihar University, Muzaffarpur, Bihar) from 2012-2014.
- j. Head of the Department of Botany, B.M.D College, Dayalpur, Vaishali, (a constituent unit of B.R Ambedkar Bihar University, Muzaffarpur, Bihar) from 2010- July 2011

ACADEMIC MANAGEMENT WORK

- Nodal Officer She- Box portal 2.0 of Department of Higher Education, 26-11-2024 till date.
- Nominated Board of Studies (BoS) of the Department of Civil Engineering, Faculty of Engineering, Jamia Millia Islamia, 12/12/2024 till date.
- Board of Management of Centre for Culture Media and Governance 26-04-2024 till date
- Nominated committee member to examine counting of past services of University teachers, Jamia Millia Islamia, 06-12-2024 till date.
- Member Academic Council, Jamia Millia Islamia, New Delhi, November 2023 till date

- Nominated Member of the Core Committee in Science to improve the course content and promote research, constituted by Hon^{ble} Chancellor & Governor of Bihar, Bihar, 2007.
- Nominated Member of the Committee to upgrade laboratories of colleges in Science faculty in universities of Bihar, by the Hon^{ble} Chancellor, & Governor of Bihar, 2018
- Member, Post Graduate Research Council, Patliputra University, Patna & Department Research Council, Dept. of Botany, Patliputra University, Patna, 2018 till June 2023 .
- Syndicate member, Patliputra University, Patna, 2018-to 2020
- Senate member, Patliputra University, Patna, 2018-to 2020
- Member IQAC of Patliputra University), Patna, Bihar, 2019 to 2020.
- Nodal Officer, PPU, Patna, B.Ed Post App of Raj Bhavan , Bihar
- Nodal Officer for Digital Initiatives in the University April, 2019 till June 2023
- Member Board of Studies, Botany, Patliputra University, Patna, 2018 to 2023.
- Member Syllabus Committee, Environmental Studies, Nalanda Open University, 2018 till date
- Member, Board of Studies, Microbiology, Patna Women's College, PU, Patna, 2020- till date
- Member, Career and Counseling Cell, in T.P.S College, (a constituent unit of Patliputra University), Patna, Bihar, 2014 to 2019
- Member Research Cell in T.P.S College, (a constituent unit of Patliputra University), Patna, Bihar, 2019 till 2023
- Member IQAC, T.P.S College, (a constituent unit of Patliputra University). till 2023
- Inter-university festival Tarang, College Representative, B.M.D College, Dayalpur, (a constituent unit of B.R Ambedkar Bihar University, Muzaffarpur, Bihar).
- Coordinator IQAC at B.M.D College , Dayalpur (a constituent unit of B.R Ambedkar , Bihar University, Muzaffarpur, 2012-2014.
- Convenor and organizer of Sensitization programme for Women Scientists (WOS - A Scheme of DST, Govt. of India, New Delhi), Dec 2011, at B.M.D College, Dayalpur, BRABU.
- Coordinator, Annual function of B.M.D College, Dayalpur, B.R.A.B.U.
- Board Member (selection committee) viva voce of vocational entrance examination, Patna Women's College, PU, Patna, 2007, 2008, 2009, 2010, 2011, 2012
- Coordinator Remedial coaching for SC, ST, OBC and other backward castes, B.M.D College, Dayalpur, Vaishali, (a constituent unit of B.R Ambedkar Bihar University, Muzaffarpur, Bihar)

from 2012-2013.

- Secretary A.P.J Abdul Kalam Science Society, an Interdisciplinary Science Society to promote scientific temper among rural students at B.M.D College,Dayalpur,Hajipur,B.R.A.B.U,Muzaffarpur.2003-2014
- Secretary,Nodal Cancer Awareness Centre, T.P.S College, Patna, in collaboration with Dr J.K Singh, Padmashree Awardee,Director, S.SHospital and Research Centre, Patna.
- Coordinator ,Department of Biotechnology,T.P.S College, Patna(Patliputra University),Patna, Bihar- September 2017 to date
- Member of the Evaluating Committee,of Basic Scientific Research Scheme presentation of UG Students at Patna Womens“ College,PU, Patna, 2014 till date.
- Member of the Team for Up-gradation of Botany dictionary and glossary (English to Hindi)from 14th September to 18th September,2015,Organized by The Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education, New Delhi.
- Member, Institutional Animal Ethical Committee of S S Hospital & Research Institute (a unit of Magadh Resource Development Trust) ,2015 to 2023.
- Member, Research Advisory Board of S S Hospital & Research Institute,(a unit of Magadh Resource Development Trust) ,2014 to 2023.
- Member of the Team for Upgradation of Botany dictionary and glossary (English to Hindi)from 2nd January to 5th January,2014, at Magadh Mahila College,,Patna University, Patna, Bihar, Organized by The Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education, New Delhi.
- MemberANTPC (Affiliation and NewTeachingProgramme Committee), Patliputra University2018 to 2020
- Member ,Purchase Committee, Patliputra University2018-2020
- Member Secretary, Committee for Ordinance and Regulation of Vocational Courses,, Patliputra University,2018-2020.
- Member ,Seniority and Pay fixation Committee, Patliputra University, 2018-2019.
- Member , Admission Committee, Patliputra University2018-2020
- Vice-Chairman (Honorary),Shriyam Human Resource Trust ,Patna.
- Secretary, Indian Botanical Society, Bihar Chapter,Patna,2022-2023.

RESEARCH GUIDANCE

Supervision of awarded Doctoral Thesis

-12

Supervision of Doctoral Thesis under progress – 3

Co-Sup[ervision of Doctoral Thesis under progress-1

M.Sc Dissertation:12

RESEARCH PROJECTS (MAJOR GRANTS / RESEARCH COLLABORATIONS)

UGC funded

1. Principal Investigator, U.G.C. sponsored minor research project “Application of appropriatetechnology for thermohpilic microbial conversion of banana leaves and pseudostems”.Duration-2004-2006 (Two years). 4.5.2004 – 4.5.2006 Status – Completed.
2. Principal Investigator U.G.C. sponsored minor research project“Potential of utilizing fermented banana broth for alcohol production.” Duration – 2006-2008 (Twoyears) 23.12.2006-23.12.2008Status – Completed.
3. Principal Investigator U.G.C. sponsored major research project“Assessment of hepatoprotective

effect of selected herbal extracts and evaluation of hepatotoxic effect of ecotoxicants endosulfan and dioxin Duration – 2009-2012 (Three years) 4-5-2009-4-5-2012, Status – completed.

ICMR funded (Major)-2

4. Co –Principal Investigator, ICMR, Govt. Of India, New Delhi, sponsored major Project on “Molecular Profiling of Reproductive Disorder in Endosulfan and Arsenic induced mice and their Detoxification by Microorganisms with Probiotic Potential”, Duration: 2015-2018, Status- Completed,
5. Principal Investigator, Indian Council of Medical Research, Govt. of India funded project on “Reproductive toxicity study of Di(2-ethylhexyl) phthalate (plasticizer) in animal Model and its correlation with infertility and reproductive disorder among common population in selected areas of Bihar”. Duration: 2021-2023, Status-completed.

DST funded (Major as mentor)-3

6. As Mentor (Women Scientist A scheme, DST, Govt. of India) Investigator: Dr Pinky Prasad “Phylogenetic analysis and molecular characterization of *Streptomyces* strains capable of bioethanol production”. Duration: 2012-2015 Status- Completed
7. As Mentor (Women Scientist A scheme, DST, Govt. of India) Investigator: Dr Anjali Singh “Effect of Di (2-ethylhexyl 1) phthalate on estrus cyclicity, oxidative stress, genotoxicity and carcinogenicity in female mice”. Duration: 2013-2016, Status- Completed
8. As Mentor (Women Scientist A scheme, DST, Govt. of India) Investigator: Dr Anjali Singh, Project on “Genotoxic effect of Di(2-ethylhexyl 1) phthalate on reproductive organ in mice model and its degradation by microorganisms”. Duration: 2017-2020, Status- completed
9. Principal Investigator, Department of Science and Technology, Govt. of India funded project on “Assessment of Govt. of India's gender mainstreaming programme for women in science”, Status- On- going, Duration: 2018-2021, Status- completed

ASSOCIATION WITH PROFESSIONAL BODIES

1. Fellow Membership of The International Society of Biotechnologist
2. Fellow Membership of The Society of Life – Sciences
3. Fellow Membership of The Academy of Environmental Biology
4. Life Member of The Indian Botanical Society
5. Life Member of The Association of Microbiologists of India
6. Life Member of The National Environmentalists Association (N.E.A)
7. Life Member of The Indian Society for the Study of Reproduction and Fertility
8. Life Member of The Indian Science Congress

9. Life Member of The International Consortium of Contemporary Biologists
10. Life member of The Recent Life Science Mirror
11. Life Member of the The Society for bioinformatics and biological sciences
12. Life Member of The Academy of Environmental Biology

AWARDS/ SPECIAL ATTAINMENTS/ ACADEMIC DISTINCTIONS/ HONOURS.

1. Chancellor's Award for "The Best Teacher" 2019-2020 conferred by His Excellency , the Governor of Bihar, Rajbhavan, Patna.
2. Education Excellence Award, conferred by the Educational Development Council at the International Conference on ,Emerging Skill and Technology for Teaching and Learning" at Mahabodhi Mahavidyalaya, Nalanda, 27th November, 2022.
3. Awarded Dr. Ambedkar Distinguished service award by Dalit Sahitya Academy, 2021, New Delhi.
4. Fellow Award for outstanding contribution in field of Microbiology, Environmental Biology on the occasion of International conference on Innovative & Current Advances in Agriculture & Allied Sciences, Meerut , 19th -21st July, 2021.
5. Awarded Recognition Award and Gold medal in 2018, at Deen Dayal Upadhaya University, Gorakhpur , by Society of Life Sciences, Madhya Pradesh.
6. Fellow of Education in Societal Mission Award (FESM), conferred by The Academy of Environmental Biology, Lucknow, 2020.
7. Awarded Dr. APJ Abdul Kalam Green Award by Blue Planet Society, Prayagraj, Botanical Survey of India, CRC, Prayagraj, India , 2019
8. Woman Scientist Award of the Society for Bioinformatics and Biological Sciences , 2018
9. The Appreciation Honour, 2015 for Visionary and Creative Researcher, Environmental Activist and Human Resource Development Activities. Conferred by The Bihar State Productivity Council Patna (State level arm of National Productivity Council, Govt. of India.) on 10th September. 2015.
10. Senior scientist award- 2013 under Prof. K.S Bilgrami Memorial Chair , awarded by the Academic Council of International Consortium of Contemporary Biologists & Madhavi- Shyam Educational Trust, Ranchi, Jharkhand, India.
11. Young Scientist Award-2011, under Prof. Jwala Prasad Memorial Chair, awarded by

International Consortium of Contemporary Biologists Biologists & Madhavi-Shyam Educational Trust,Ranchi,Jharkhand,India.

12. Awarded Best Poster Presentation during 32nd Conference of India Cooperative Oncology Network held on 13th -15th March,2015,India.The theme of the conference – “Advanced Cancer:Nor Beyond us”.
13. Awarded first prize for poster presentation in the National Seminar, GENOMICS-2012,sponsored by D.S.T.,and I.C.M.R , held on 21st -22nd January 2012, at Mahavir Cancer Sansthan, Phulwarisarif, Patna entitled “2,3,7,8,tetrachlorodiabenzop Dioxin(TCDD) induce hematological alterations in swiss albino mice.
14. Awarded 2nd prize in poster presentation in UGC sponsored National Seminar on “Chemistry is life” in Magadh Mahila College, Patna University, held on 23rd -24nd Feb.2012, entitled “2,3,7,8,tetrachlorodiabenzopDioxin(TCDD) induced health hazard to mammalian system with special reference to biochemical parameter”.

Resource person/Chairperson

1. Invited Speaker in International conference on ‘Biological Alterations and Applications for Next Generation Living World” on March 1-2.2024 , organized by Dept. Of Biotechnology,Govt. V.Y.T. PG Autonomous College, Durg, India.
2. Resource person in Refresher Course in Basic Sciences ,on July 1,2023, conducted by UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi.
3. Keynote speaker in Webinar on “Global Science for Global wellbeing” on 27th February,2023 organized by Indira Gandhi National Open University(IGNOU),Regional Centres, Patna and Darbhanga.

4. Resource Person in Refresher Course in Botany, 11th-24th January, 2022, conducted by UGC-Human Resource Development Centre, B.R.A Bihar University, Muzaffarpur, Bihar.
5. Resource person in Guru Dakshita , Faculty Induction program (3rd December-30th December ,2021, conducted by UGC-Human Resource Development Centre, Ranchi University, Ranchi.
6. Key Speaker in webinar on „Quality and holistic education in context of NEP 2020 and role of CSTT“ , conducted by CSTT, Ministry of Education, (Dept. of Higher Education), 24th February, 2022.
7. Key speaker on seminar on „New Education Policy 2020“, conducted by IQAC, T.P.S College, Patna, 21st May, 2022.
8. Resource person in one week student development program 21st – 27th July , 2021 at JNL College, Khagaul, Patna.
9. Resource person in webinar on „Women empowerment for inclusive growth “organized by Rameshwar Mahavidyalaya, Muzaffarpur, Bihar , on 19th November, 2021.
10. Eminent Speaker in webinar on „Corona, India & Youth” , 20th June , 2021 , organized by Yuva Chetna, Bihar
11. Chairperson in National Seminar on New Horizons of Biological Sciences: Advantages and Challenges, organized by Patna Women’s College and Indian Science Congress , Patna Chapter.
12. Resource person in National Seminar „Blueprint of Higher Education in Bihar under the aegis of Rajbhavan, Bihar and Patna University., 4th -5th February, 2019. at Rajendra Mandap, Rajbhavan, Bihar.
13. Resource person in National Seminar „Role of ICT in Ensuring Quality Education on 31st March, 2019 , Raghunandan Teachers Training College, Patna.
14. Member Syllabus Committee , MA/ M.Sc. Environmental Studies, Nalanda Open University, 2017
15. Member of the Team for Upgradation of Botany dictionary and glossary (English to Hindi) from 14th September to 18th September, 2015, Organized by The Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education, New Delhi.
16. Member, Institutional Animal Ethical Committee of S S Hospital & Research Institute (a unit of Magadh Resource Development Trust) , 2015 to date.

17. Secretary, Nodal Cancer Awareness Centre, T.P.S College, Patna in collaboration with Padmashree Dr J.K.Singh, Oncologist and Director, SS Hospital and Research Centre, Patna.
18. Member, Research Advisory Board of S S Hospital & Research Institute, (a unit of Magadh Resource Development Trust), 2014 to date.
19. Member of the Team for Upgradation of Botany dictionary and glossary (English to Hindi) from 2nd January to 5th January, 2014, at Magadh Mahila College, Patna University, Patna, Bihar, Organized by The Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education, New Delhi.
20. Member of the Evaluating Committee, of Basic Scientific Research Scheme presentation of UG Students at Patna Womens' College, PU, Patna, on 20th September, 2014, Sponsored by the UGC.
21. Expert and Resource Person in Seminar on "Global Warming : Causes and Remedies" at Arvind Mahila College, MU, Patna, held on 11th and 12th January, 2016, sponsored by The Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education, New Delhi.
22. Visiting Faculty in Research Centre of Mahavir Cancer Santhan and Research Institute, Patna from 2008-2014.
23. Visiting Faculty in Research Centre of S S Hospital and Research Institute, Patna from 20015- to date.
24. Resource Person at R.N College, Hajipur, BRABU, on "Managing pesticide problem", 2014
25. Resource person at Arvind Mahila College (M.U), 21st to 22nd February, 2011, at Seminar Organized by Commission for Scientific and Technical Terminology, Department of Higher Education, New Delhi.
26. Chief Resource Person in workshop on Effect of Climate Change on Water Resource and its management, 3rd December, 2010 at Magadh Mahila College, Patna University, Bihar.
27. Resource Person at R.N College, Hajipur, B.R. Ambedkar University, on "Quality science education in rural colleges: Problems and Prospects, 22nd February, 2010.
28. Invited Talk On "Ozone Depletion: Causes and Concern, 16th September, 2009, at Magadh Mahila College, Patna University, Bihar.
29. Resource Person in workshop for faculty members of Science, 11th-21st May, 2009, organized by Takshila Educational Society, Patna, Bihar.
30. Resource Person-U.G.C sponsored Refresher Course in Biotechnology, B.N College, Patna

University Topic- Fermentation Technology.

31. Resource Person-Workshop on Herbs that Heal, Patna Women's College, sponsored by (N.E.A.C), Ministry of Environment and Forest, Govt. of India, 2008
32. Invited Talk On "Microbial Techniques" for M.Sc Biotechnology students, 8th December, 2009, at Mahavir Cancer Sansthan and Research Centre, Patna, Bihar
33. Invited Talk On "Microbiological Media" for M.Sc Biotechnology students, 16th December, 2009, at Mahavir Cancer Sansthan and Research Centre, Patna, Bihar.
34. Invited Talk On the topic "Fermentation Technology" at the Dept. of Industrial Microbiology, Patna Women's college P.U., Bihar.
35. Invited Talk On the topic "Enzyme immobilization" at the Post Graduate Dept. of Biotechnology, Patna Bihar, Science College, Patna University.
36. Invited Talk On the topic "Biological Nitrogen Fixation at The Dept. of Industrial Microbiology, Patna Women's College, Patna University, Bihar.
37. Invited Talk On the topic "Kinetics of Microorganisms" at the Post Graduate Dept. of Biotechnology, 18th December, 2009, Science College, Patna University, Bihar

ORGANIZING SECRETARY/CONVENOR/COORDINATOR

1. Organizing Secretary Drug Discovery 2025, Jamia Millia Islamia
2. Coordinator of two days' workshop on In vitro micropropagation of banana, 27th -28th February, 2023, organized jointly by University Department of Botany, PPUP, Dept. of Botany, T.P.S College, Patna and Indian Botanical Society, Bihar Chapter, Patna.
3. Convenor of workshop on "Mushroom cultivation technology", 12th -31st May, 2022, organized jointly by University Department of Botany, PPUP and Dept. of Botany, T.P.S College, Patna.
4. Coordinator of Basic training in Spawn production, 11th -30th June, 2022, organized jointly by University Department of Botany, PPUP and Dept. of Botany, T.P.S College, Patna.
5. Coordinator of Birbal Sahani lecture series, lecture one by Prof. Dhruv Kumar and second lecture by Dr. Janardan Jee on 30th June, 2022, organized jointly by University Department of Botany, PPUP and Dept. of Botany, T.P.S College, Patna.
6. Organizing Secretary, Symposium on "Seven Billion Dreams: One Planet ;Consume

with care” On 10th and 11th September, 2015, organized by Applied Research Laboratory, PG Dept. of Botany in collaboration with Bihar State Productivity Council, Patna and S.S Hospital and Research Institute, Patna.

7. Organizing Secretary National Symposium on Recent Scenario and Advancement in Cancer (RSACR-2014) on 22th -23th March 2014, Sponsored by DST, Ministry of Science and Technology, Govt. of India in S.S. Hospital and Research Center, Patna.
8. Organizing Secretary, National Symposium on “Genomics-2012, sponsored by I.C.M.R and D.S.T, New Delhi in Mahavir Cancer Institute and Research Center, Patna.
9. Organizing Secretary National Symposium on Nanotechnology: Present Perspective and Future Direction (NPPFD-2011) on 9th -10th April, 2011 as, Sponsored by DST, Ministry of Science and Technology, Govt. Of India in Mahavir Cancer Institute and Research Center, Patna
10. Convenor and organizer of Sensitization programme for WOS -A Scheme of DST, Govt. of India, New Delhi, Dec 2011, at B.M.D College, Dayalpur, BRABU.
11. Organizing Secretary National Symposium on Impact of Environmental Pollutant on Health and Fertility (IEPHF-2010) on 13th -14th March 2010, Sponsored by DST, Ministry of Science and Technology, Govt. Of India Mahavir Cancer Institute and Research Center, Patna.
12. Organizing Secretary National Seminar on “Cultivation of Aromatic Plants in Bihar” from 4th -5th March, 2005, at B.M.D College, Dayalpur, (B R Ambedkar Bihar University), Dayalpur, Vaishali, Bihar, sponsored by UGC, New Delhi.

Editor/Editorial Board Member

1. Member Editorial Board of UGC CARE List Journal Biospectra Ranchi, ISSN : 0973-7057
2. Member Editorial Board of Research Journal of Biotechnology, Indore, ISSN 0973-

3. Executive Editor of Journal Recent Life Science Mirror, Hajipur , ISSN 2319-5320
3. Member Editorial Board of Journal Agrobios Research, Jodhpur, ISSN 2278-8214
5. Member Editorial Board of Journal Iris, Patna
 - i. ISSN 2278- 618x (Print)
 - ii. ISSN 2278- 6384 (Online)
6. Member Editorial Board of Agrobios Newsletter, Jodhpur, Rajasthan, ISSN 0972-7027
7. Member Editorial Board of Journal Explore, Patna a. ISSN-2278-0297 (Print) ISSN 2278-6114(Online)
- 8 . Permanent Reviewer of the Journal "Journal of Ecophysiology and Occupational Health", ISSN No (Print): 0972-4397

PUBLICATION PROFILE

BOOKS / MONOGRAPHS (Authored / Edited) -

- 1) Fermentation Technology – Tanuja Singh and S.S. Purohit – Published, ISBN: 81-7754-352- Agrobios(india),Jodhpur,Rajasthan,2008
- 2) A Handbook of Aromatic Plants: Cultivation, Chemistry, Processing and Uses- S.Bedi, Tanuja and Vyas - Published ISBN: 81-7754-341-5,200 Agrobios (india), Jodhpur, Rajasthan.
- 3) Biofertilizer Technology – Tanuja Singh and S.S. Purohit – Published. ISBN:81- 7754-382-2 Agrobios(india),Jodhpur,Rajasthan,2008
- 4) Course/Study Material – General Studies (B.A/B.Sc),Paper –V For Nalanda Open University Bihar, A state Open University,Year – 2007
- 5) Adhunik Sukshmajeev Vigyan(in Hindi) – S.S. Purohit and Tanuja – Published, ISBN: 81-7754- 359-8 Agrobios(india),Jodhpur,Rajasthan,2008
- 6) Course /Study Material - M. Sc. in Environmental Science

Paper- VIII and Paper-IV, Published for Nalanda Open University,Bihar A state Open University,Units 3.1 to 3.6 and Units 18-22 Year – 2010

7) Soil Microbiology- Tanuja Singh ,S.S Purohit and Pradeep Parihar, Published, ISBN: 81-7754- 390-3 Agrobios(india),Jodhpur,Rajasthan,2010

8) Microbial Ecology-Tanuja Singh , S.S Purohit; Published, ISBN: -978-81-7754-479-4 Agrobios (India),Jodhpur, Rajasthan,2012

9) Hazards of Xenobiotics and Biotoxins, **Tanuja**, Anjali Singh and Krishna Gopal, ISBN: 978-93-89875-07-2, APH Publishing corporation, Ansari Road, Daryaganj, New Delhi, 2020.

10) Women in Science:Oppurtunities and Challenges;V olume I,Maninder Kaur, **Tanuja Singh** &Ekta Menghani, ISBN Agrobios (India),Jodhpur, Rajasthan,2023.

11) Women in Science:Oppurtunities and Challenges; Volume II,**Tanuja Singh** , Maninder Kaur &Ekta Menghani, ISBN Agrobios (India),Jodhpur, Rajasthan,2023

1)

OTHER PUBLICATIONS (EDITED WORKS, BOOK REVIEW)

Cultivation of Aromatic Plants in Bihar – Tanuja Singh and S. Bedi, - Published (Proceedings of UGC Conference)

RESEARCH PAPERS PUBLISHED IN REFERRED / PEER REVIEWED JOURNAL

2013-2024

Sl. No.	Name of Journal	Topic	Volume /Date/Year No.
1	Nanomedicine, Taylor and Francis https://doi.org/10.1080/17435889.2024.2406741	Hispolon-loaded lipid nanocapsules for the management of hepatocellular carcinoma: comparative study with solid lipid nanoparticles and suspension. Nabil K Alruwaili, Waleed H Almalki, Salem Salman Almuji, Abdulrahman Alhamyani, Abdulaziz Alzahrani, Alhussain Aodah, Majed Alrobaian, Tanuja Singh , Farhan Jalees Ahmad, Anjali Singh, Jonathan A Lal & Mahfoozur Rahman	19(30), (2024)2555–2576 Impact Factor:6.5
2	Nanomedicine, Taylor and Francis https://doi.org/10.2217/nm-2024-0017	Secondary metabolites in topical infectious diseases and nanomedicine applications Ankit Sahoo, Khusbu Dwivedi, Waleed H Almalki, Ashok Kumar Mandal, Abdurrahman Alhamyani, Obaid Afzal, Abdulmalik Saleh Alfawaz Altamimi, Nabil K Alruwaili, Pradip Kumar Yadav, Md Abul Barkat, Tanuja Singh & Mahfoozur Rahman	19(13), (2024), 1191–1215. Impact Factor:6.5

3	European Polymer Journal (Elsiever)	Carbon nanotube-mediated platinum-based drug delivery for the treatment of cancer: Advancements and future perspectives. Mohammad Sameer Khan , B.H. Jaswanth Gowda , Nazeer Hasan , Garima Gupta , Tanuja Singh , Shadab Md , Prashant Kesharwani .	206 (2024) 112800 Impact Factor: 6.28
4	Journal of Drug Delivery Science and Technology (Elsiever) https://doi.org/10.1016/j.jdst.2023.105326	Nanocarriers for delivering nucleic acids and chemotherapeutic agents as combinational approach: Challenges, clinical progress, and unmet needs. Mahfoozur Rahman , Obaid Afzal , Shehla Nasar Mir Najib Ullah , Mohammad Y. Alshahrani , Ali G. Alkhathami , Ankit Sahoo , Abdulmalik Saleh Alfawaz Altamimi , Waleed H. Almalki , Salem Salman Almuji , Alhamyani abdulrahman , Aryam Riyadh Abdullah Alotaibi , Manal A. Alossaimi b, Tanuja Singh , Sarwar Beg	Volume 92,(2024) , 105326 Impact Factor:6.3
5	Drug Discovery Today (Elsiever) https://doi.org/10.1016/j.eurpolymj.2024.112800	Unravelling the potential of mitochondria-targeted liposomes for enhanced cancer Mohammad Sameer Khan ¹ , B.H. Jaswanth Gowda ² , WaleedH. Almalki ³ , Tanuja Singh ⁴ , Amirhossein Sahebkar ^{5 6} , Prashant Kesharwani ¹	Volume 29, Issue 1, January 2024, 103819 Impact Factor;8.369
6	Journal of Chromatographic Science, https://doi.org/10.1093/chromsci/bmac109 Published by Oxford University press	UPLC–MS/MS Method Development for Simultaneous Estimation of Diclofenac and Resveratrol-Loaded Liposomal Gel Formulation in Mice Skin Model: Application to Dermatokinetic Study Safar M Alqahtani, Ali Altharawi, Majed Alrobaian, Waleed H Almalki, Alhumaidi B Alabbas, Shehla Nasar Mir Najib Ullah, Tanuja Singh , Kamal Younus Thajudeen, Gyas Khan, Rehan A Rub, Md Abul Barkat, Sarwar Beg, Mahfoozur Rahman,	2023, 1–10 Impact factor 1.61 UGC CARE LISTED
7	Journal Polymers https://doi.org/10.3390/polym15030598	Baicalin-Loaded Lipid–Polymer Hybrid Nanoparticles Inhibiting the Proliferation of Human Colon Cancer: Pharmacokinetics and In Vivo Evaluation Yassine Riadi 1,* , Obaid Afzal 1 , Mohammed H. Geesi 2 , Waleed H. Almalki 3 and Tanuja Singh 4	2023, 15(3), 598 Impact Factor 4.967

8	Journal of Cluster Science Springer Link	Biocompatible Polymeric Nanoparticles for Effective Codelivery of Tamoxifen with Ganoderic Acid A: Systematic Approach for Improved Breast Cancer Therapeutics	2023, Volume 34, pages 1483–1497, () Impact factor 3.447
9	International Journal of Plant and Environment, ISSN: 2454-1117 (Print), 2455-202X (Online)	Microbial Treatment of di (2-ethyl hexyl) Phthalate by <i>Lysinibacillus xylanilyticus</i> Isolated from Landfill Soil Tanuja ¹ , Madhavi Rashmi ^{2*} , Shivanand Singh	Volume 8 Issue 3 (2022) UGC CARE LISTED
10	ACS OMEGA ISSN (Online): 2470-1343 Manuscript id: Ao-2021-067967.R2	Hispolon-Loaded Liquid Crystalline Nanoparticles: Development, Stability, In Vitro Delivery Profile, and Assessment of Hepatoprotective Activity in Hepatocellular Carcinoma Mohammad Javed Ansari, Mahfoozur Rahman,* Khalid S. Alharbi, Waleed M. Altowayan, Ahmed Mahmoud Abdelhaleem Ali, Waleed H. Almalki, Md. Abul Barkat, Tanuja Singh , Shehla Nasar, Md Habban Akhter, Sarwar Beg,* and Hani Choudhry	Accepted American Chemical Society Impact factor 3.5
11	International journal of Biology Pharmacy and Allied Sciences , ISSN: 2277–4998	Evaluation of bioremediation potential of <i>Bacillus cereus</i> and its optimization by two-way Anova statistical analysis. Madhavi Rashmi and Tanuja	April 22, 11(4) Scopus Journal UGC CARE LISTED
12	Biotechnology and Applied Biochemistry Online ISSN: 1470-8744 https://doi.org/10.1002/bab.2279	EGF-functionalized lipid–polymer hybrid nanoparticles of 5-fluorouracil and sulforaphane with enhanced bioavailability and anticancer activity against colon carcinoma Shumin Li, Zhongkai Xu, Majed Alrobaian, Obaid Afzal, Imran Kazmi, Waleed H. Almalki, Abdulmalik Saleh Alfawaz Altamimi, Fahad A. Al-Abbasi, Khalid S Alharbi, Waleed M Altowayan, Tanuja Singh , Md Habban Akhter, Manish Gupta, Mahfoozur Rahman, Sarwar Beg	Impact factor: 2.431 November 2021 WILEY- BLACKWELL JOURNAL
13	Microbiology Insights DOI: 10.1177/11786361211024289	Isolation and Characterization of a Bacterial Strain <i>Enterobacter cloacae</i> (Accession No. KX438060.1) Capable of Degrading DDTs Under Aerobic Conditions and Its Use in Bioremediation of Contaminated Soil Sonal Suman ¹ and Tanuja ²	Volume 14: 1, May 2021 Pp 1-7 SAGE PUBLICATION UGC CARE LIST

15	Biospectra ISSN: 0973-7057	Indigenous isolate <i>Bacillus subtilis</i> strain mplmediated degradation of di - (2-ethyl hexyl) phthalate and analysis of the degradation intermediates by lc-ms. Tanuja a ,Madhavi Rashmib* & Shivanand Singhc	Vol. 16(1), March, 2021, pp. 143-148 UGC CARE LIST
16	Journal of Drug Delivery Science and Technology https://doi.org/10.1016/j.jddst.2021.102514	<i>Withania coagulans</i> extract loaded nano-formulation ameliorates streptozotocin-induced diabetes and associated renal stress and inflammation Md Waris a,* , Naiyer Shahzad b , Hasib Vikas Kumarl and Mahfoozur Rahmanl Anjum c , Saeed Saeed Al-Ghamdi b , Showkat Rasool Mir d , Tanuja Singh	Vol 63, June 2021` 102514 ELSIEVER Web of Science
17	Journal of Pharmacy and Bioallied Sciences.	Evaluation of the Antidiabetic Potential of an Isolated Hydro-Alcoholic Fraction from the Fruit of <i>Withania coagulans</i> .Md.Waris, Naiyer Shahzad , Saeed Al-Ghamdi , Showkat Rasool Mir , Tanuja Singh	
		Imran Kazmid , Sunil K. Pandae , Abdulmalik Saleh Alfawaz Altamimic , Fahad A. Al-Abbasid Q1 , Waleed H. Almalkif , Hanadi A. Katouahg , Tanuja Singh , Kriti Sonii , Abdul Hafeezj , Sarwar Begk Q4	

18	Vigyan Garima Sindhu N0 111 ISSN: 2320-7736	Article: Suksmajeev aevam kinvit khadya padarth(in hindi). Microorganisms and fermented food products Tanuja	Oct- Dec 2019 UGC CARE LIST COMMISSION FOR SCIENTIFIC AND TECHNICAL TERMINOLOGY MINISTRY OF EDUCATION (DEPARTMENT OF HIGHER EDUCATION) GOVERNMENT OF INDIA
19	Biospectra ISSN: 0973-7057	Resveratrol's myriad biological activities and interest: A brief review Abhinav Chauhan & Tanuja*	Vol. 16(1), March, 2021, pp. 131-142 UGC CARE LIST
20	Expert Opinion on Drug Delivery, DOI: 10.1080/17425247.2021.1854223	Nanocarriers-loaded with natural actives as newer therapeutic interventions for treatment of hepatocellular carcinoma Mahfoozur Rahman , Waleed H Almalki , Majed Alrobaian , Jawed Iqbal , Khalid S Alharbi , Adil Shaharyar , Tanuja Singh , Mohammad Waris , Vikas Kumar , Abdul Hafeez & Sarwar Beg	Nov 2020 TAYLOR AND FRANCIS Impact Factor 5.27
21	Biospectra ISSN: 0973-7057	Assessment of duration dependent toxic responses induced by dietary administration of phthalate on liver indices, hormonal parameters and associated histopathological changes in reproductive organs of female swiss albino mice Tanuja a , Anjali Singh b , Shivangi Singh c , Kumari Puja d*, Ravish Kumare & J.K Singh e	Vol. 16(1), March, 2021, pp. 161-170 UGC CARE LIST
22	Current Drug Targets ISSN: 1873-5592 (Online) ISSN: 1389-4501 (Print) http://dx.doi.org/10.2174/1389450121999201209194524	Nanotechnology Based Approach for Hepatocellular Carcinoma Targeting. Abdulsalam Alhalimi1 , Sarwar Beg, , Kanchan Kohli , Md. Waris and Tanuja Singh	2021, 22, 1-14 Impact factor:2.632 Bentham Science

23	Research J. Pharm. and Tech. ISSN 0974-3618 (Print) www.rjptonline.org 0974-360X (Online)	Green synthesis and Characterization of Silver Nanoparticles with Rhizome extract of <i>Curcuma longa</i> (AgNPs-RECL) for Antimicrobial activity towards Xanthomonas and Erwinia species Isha Gaurav1*, Tanuja2	Vol.14(1): January 2021 Pp 1-6 UGC CARE LIST
24	Biomedicine & Pharmacotherapy https://doi.org/10.1016/j.biopha.2021.111461	Paclitaxel and naringenin-loaded solid lipid nanoparticles surface modified with cyclic peptides with improved tumor targeting ability in glioblastoma multiforme. Liyang Wang a , Xiangbo Wang b , Lina Shen c , Majed Alrobaian d , Sunil K. Panda e , Hussain A. Almasmoum f , Mazen M. Ghaith f , Riyadh A. Almainani g , Ibrahim Abdel Aziz Ibrahim h , Tanuja Singh i , Abdullah A. Baothmanj , Hani Choudhryk , Sarwar Beg l ,	March 2021 ELSIEVER UGC CARE LIST Impact factor 6.5
25	Journal of Ecophysiology and Occupational Health ISSN (Print): 0972-4397	Biodegradation of Pesticide Chlorpyrifos by Bacteria <i>Staphylococcus aureus</i> (Accession no. CP023500.1) Isolated from Agricultural Soil.	Vol 20(1&2), 2020 UGC CARE LIST
26	Journal of Drug Delivery Science and Technology https://doi.org/10.1016/j.jddst.2020.102273	Implications of phospholipid-based nanomixed micelles of olmesartan medoxomil with enhanced lymphatic drug targeting ability and systemic bioavailability Sarwar Beg a,b,* , Imran Kazmi c , Obaid Afzal d , Abdulmalik Saleh Alfawaz Altamimi d , Fahad A. Al-Abbasi c , Waleed H. Almalki e , Saad Alghamdi f , Majed Alrobaian g , Khalid S. Alharbi h , Mohammed S. Alshammari i , Sunil K Panda j , Ibrahim Abdel Aziz Ibrahim k , Tanuja Singh l , Mahfoozur Rahman m	Dec 2020 Impact factor :2.7 Elsiever publication, (SCOPUS)
27	Life Sciences220, Elsiever publication, (SCOPUS) Journal homepage: www.elsevier.com/locate/lifescie	Surface functionalized folate targeted oleuropein nano-liposomes for prostate tumor targeting: <i>In vitro</i> and <i>in vivo</i> activity	220,136-146 ,(2019), IMPACT FACTOR: 3.2 Elsiever publication, (SCOPUS)

28	Current Pharmaceutical Design ISSN: 1873-4286 (Online) ISSN: 1381-6128 (Print) BENTHAM SCIENCE PUBLICATION(SCOPUS)	Synthesis, <i>in-vitro</i> and <i>in-silico</i> evaluation of Silver Nanoparticles with Root Extract of <i>Withania somnifera</i> for antibacterial activity via binding of penicillin binding protein-4	2019, Accepted for publication IMPACT FACTOR:2.412
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32	Mapna journal of sciences, ISSN : 0975-3303,	Impact of pesticide Chloropyriphos on soil microbial diversity	Vol 17 (4) 23-36 2019
33	Journal of Emerging Technologies and Innovative Research(JETIR) ISSN: 2349-5162 ISSN:23495162	Kinetic studies and bioremediation of plasticizer(Di-2 Ethylhexyl phthalate) by indigenous bacteria <i>Achromobacter xyloxidans</i> (Accession No.KJ010764.1)	Vol. 6(6) 157-162 2019 UGC CARE LIST
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37	International journal of Pharmacognosy and Pythochemical Research. (ISSN: 0975-4873) ;	Evaluation of Biochemical and Histological Effects on Liver of Swiss Albino Mice Due to Acute Oral Toxicity of Aqueous Leaf Extract of <i>Phyllanthus niruri</i>	8(1);85-90 2016 UGC CARE LIST
38	Pharmacognosy Journal ISSN : 0975-3575 ;	Acute toxicity study of <i>Phyllanthus niruri</i> and its effect on the cyto-architectural structure of nephrocytes in Swiss albino mice <i>Mus musculus</i> .	Vol 8(1)77- 80.DOI- 10.5530/pj.2016.1.17 IMPACT FACTOR- 1-341 UGC CARE LIST
39	International Journal of Advanced Research. (ISSN 2320-5407);	Hematotoxicity induced by sub-chronic dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Swiss albino mice (<i>Mus musculus</i>). (Vol.3(9),1318-1322. 2015
40	Int.J.Curr.Res.Aca.Rev	Enzymatic Screening and Characterization of Cellulolytic Actinomycetes Isolated from Soil samples collected from Patna District in Bihar	2(10):60-71 IMPACT FACTOR- 0.42
41	Int. J. Pharm. Sci. Rev. Res ISSN 0976 – 044X,	Efficacy of <i>Eclipta alba</i> (L.) Against Sub Lethal Dose of Endosulfan Induced Biochemical and Haematological Alterations in Swiss Albino Mice .	27(2): 216-221 . 2014 IMPACT FACTOR- 1.8
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47	Jordan Journal of Biological Sciences ISSN: 1995-6673	Molecular characterization and phylogenetic analysis of cellulase producing <i>Streptomyces griseorubens</i> (Strain St-1) Isolated from Indian soil	Vol.6(3),: 239 – 242. 2013
48	International Journal of Recent Scientific Research ISSN No. : 0976-3031	Phytochemicals screening and electrophoretic study of seed storage proteins of <i>Bauhinia acuminata</i> and <i>Cassia occidentalis</i> .	Vol. 4(11):1812-1816. 2013
49	IOSR Journal of Pharmacy and Biological Sciences ISSN:2319-7676.	Cytological diversity and seed storage profiling of most potent <i>Bauhinia</i> species.	Vol. 7(4),:71-75 2013
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53	Research Journal of Biotechnology E-ISSN: 2278-4535 Print ISSN: 0973-6263 <i>Indexed in Web of Science, SCOPUS, BioTechnology Citation Index®, Chemical Abstracts, Biological Abstracts, ESCI, UGC, NAAS, Indian Citation Index etc.</i>	Long term effect of Di(2-Ethylhexyl) phthalate on the liver of female swiss albino mice <i>Mus musculus</i> .	Vol. 7(1) 58-61 2012 <i>Web of Science, SCOPUS,</i>
54	Journal of Indian Botanical Society E-ISSN NO: 2455-7218 P-ISSN NO:0019-4468	Isolation of efficient cellulose degraders from municipal wastes.	Vol.91(1-3)75-82 2012
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77. Potential use of fermented banana broth for alcohol production through yeast isolated from *Musa paradisica*,(2006).Plant Science, Vol.1,No-1,pp1-5.
78. Comparative study of physico-chemical characteristics and biogas production from banana forage and cow dung using batch digestion in fixed type experimental digester.(2006), Anusandhan,Vol. VII-VIII,No.11-12,pp13-18.
79. Potentials of banana forage as a substrate for biogas production in Vaishali district,(2006).Plant Science, Vol.1,pp131-134
80. Study of the effect of temperature and inoculum on biogas production from banana forage,(2006).Anusandhan, Vol.VII-VIII,No.11-12,pp1-4.

81. Phyto-sociological study of physico-chemical characteristics of open and protected pond ecosystem at Patna,(2000).Neo-Botanica, Vol.8,No1&2,pp15-18.
82. Comparative study of physico-chemical characteristics of open and protected pond ecosystem at Patna.(2000),Neo-Botanica,Vol.8,No1&2,pp31-33.

CONFERENCES / SEMINAR/ POSTER PRESENTATION

1. Oral presentation Tanuja ,Topic „Bioremediation of plasticizer (Di-2-ethylhexyl phthalate) by indigenous bacteria *Achromobacter xyl oxidans*, at International Conference „Advances and Innovations in Biotechnology for Sustainable Development“, 5th -7th April, 2019,Dept. of Biotechnology. Satna, Madhya Pradesh, India
2. Oral presentation Tanuja ,Topic „Efficiency of the probiotic Bacteria in degradation of toxic pesticide at International Conference on Advances in Biological and Environmental Research for Human Welfare,2018, organized by Dept. of Zoology ,Deen DayalUpadhyaya Gorakhpur University. Gorakhpur(U.P), 16th -18th November, 2018.
3. Oral presentation Tanuja at International Conference on Plants and Environmental Pollution, held atCSIR-National Botanical Research Institute, Lucknow, India.
4. Oral presentation Tanuja ,Topic“ Evaluation of antimicrobial activity of silver nanoparticle synthesized using in the National Seminar on Research Frontiers in 21st Century organized by Bihar National College, Patna, 29th -30th May, 2018.
5. Oral presentation Tanuja ,Topic“ Isolation growth and identification of chloropyriphos degrading probiotic bacteria from agricultural soil in National Seminar on New Horizons of Biological Sciences:Advantages and Challenges, organized by Patna Women’s College and Indian Science Congress ,Patna Chapter,2019.
6. Oral presentation Tanuja ,Topic“ Microbial degradation of phthalate in the environment soil in National

7. Seminar on New Horizons of Biological Sciences: Advantages and Challenges, organized by Patna Women's College and Indian Science Congress, Patna Chapter, 2019
8. Topic "Cellulose degrading Microbacterium barkeri isolated from agrowaste dumping site", oral presentation at National Seminar on Environmental Challenges, Monitoring, Assessment and Remediation, Dept. of Zoology, Patna University in collaboration with CEED (Centre for Environment and Energy Development); 21-22nd March, 2011.
9. Topic "Biodegradation potential of different bacteria from soils to remove phthalate DEHP" at National Seminar on Environmental Challenges, Monitoring, Assessment and Remediation, Dept. of Zoology, Patna University in collaboration with CEED (Centre for Environment and Energy Development); 21-22nd March, 2018.
10. Topic "Prevalence of Antimicrobial Resistant Campylobacter spp. in Raw Chicken Meat" oral presentation at The Indian Science Congress Association, Patna Chapter, National Seminar on 8th February, 2016
11. Participated in Seminar on "Faunal Diversity of Gangetic Plains Ecosystems" conducted by the Zoological Survey of India, Gangetic Plains Regional Centre, Patna; 22nd to 23rd February, 2016.
12. Participated in the Zonal meeting of All India Federation of University and College Teachers' Organisations (AIFUCTO), cum Seminar on "Present Higher Education Scenario: Challenges and Prospects" held at Geology Dept. Auditorium of Science College, PU, Patna, Bihar; 21st February, 2016.
13. Topic "Role of Cellulolytic Microorganism in Solid Waste Management", Oral presentation in National Seminar on "Sustainable Solutions to Water, Wastewater and Solid Waste", Organised by Dept. of Environmental Science, A N College, MU, Patna and CSIR-NEERI, Mumbai Zonal Centre; 8th -9th May, 2015
14. Interdisciplinary International Conference on "Energy and Environmental Impact on Biodiversity and Sustainable Development, Organised by B.R. Ambedkar Bihar University Muzaffarpur, Bihar; 15th -17th

,2015.

15. Symposium on "Seven Billion Dreams: One Planet; Consume with Care" Organized by Applied Research Laboratory, PG Dept. of Botany & Dept. Biotechnology and N.S.S Unit, TPS College in Collaboration with Bihar State Productivity Council, Patna & S.S Hospital and Research Institute, Patna on September 10th -11th, 2015
16. Topic "Effect of Corn Oil on Hepatocytes and its Function in Mice Model", Oral presentation in 6th International Conference on "Bioscience Research for Nutritional Security, Environmental Conservation and Human Health in Rural India, from 22nd to 24th December, 2014, organized jointly by International Consortium of Contemporary Biologists under Madhawi-Shyam Educational Trust MSET-ICCB, Ranchi, Jharkhand (India) and ICAR- Indian Institute of Natural Resins & Gums (IINRG), Ranchi, Jharkhand.
17. Participated in AGOICON 2014, 12th -14th, December 2014 at Hotel Patliputra Ashoka, Patna.
18. Participation in Bioremediation of plasticizer (Di -2- ethylhexyl phthalate) by indigenous bacteria *Achromobacter xylosoxidans* under the theme industrial Microbiology and Biotechnology.
19. Topic- "Evaluation of ... swiss albino mice"- National Seminar on Values of Information in Zoology- 2014, Dept of Zoology, TMBU, Bhagalpur, Bihar.
20. Topic- "Study of Nutraceutical Potential of Some Species of the Genus Bauhinia." National seminar on Genetic improvement in Horticultural crops, BRABU, March 11-12, 2014.
21. Topic- "Comparative characterization of five bacterial strains isolated from soil samples of Bihar"- National Conference on Recent Advances in Modern Biology & Sericulture for Women Empowerment and Rural Development organized at KSSRDI, Bangalore, Karnataka from 24-26 Oct. 2013
22. Topic- "A study of cyto- morphological variations of some most potent Bauhinia Species."- UGC Sponsored National Seminar on Application of Science and Technology for Rural Development.- 2013. UGC Sponsored National Seminar on Food Security in India : Issues and Challenges- 2013.

23. National Seminar on Role of Nanotechnology for Development of Bihar- 2013,Aryabhatt University,Bihar
24. Topic- “A comparative phytochemical profiling Euphorbiaceae”- National Seminar on “Recent Trends in Life Science” & Prof. R.P. Roy Memorial Lecture- 2012,Patna University.
25. UGC Sponsored National Conference on Women in Science- 2012, Dept. of Physics,Magadh Mahila College,P U ,Patna.
26. Topic- 2,3,7,8 Tetrachloro Dibenzo-p-Dioxin Induced Health Hazard to Mammalian System with species reference to Biochemical parameter- National Seminar on Chemistry is Life – Sponsored by UGC-2012,Dept. of Chemistry, Magadh Mahila College, P U,Patna
27. GENOMICS- National Seminar on “New Frontier in Environment Pollutants, Health & Application of Molecular Genetics”- 2012.sponsored by DST and ICMR,Mahavir Cancer Sansthan,Patna.
28. Nivedita, Kumar Vimal, Tanuja , Anjali Singh, A. Nath , J.K. Singh. “Impact of Dioxin on Human Health”. In 3rd Bihar Vigyan Congress, Govt. of Bihar, Bihar Council on Science & Technology-2010.
29. Nivedita, Tanuja, Anjali Singh, Kumar Vimal, A.Nath, J.K. Singh. “Prophylatic Potential of *Withania somnifera* (L.) against gamma radiation induced Haematological variations in Swiss albino mice” – In National Symposium on Biotechnological perspective of plants, microbes and their interaction-2011.
30. Nivedita, Tanuja, Anjali Singh. “Acute toxicity of *Eclipta alba*(L) and its effect on hematological parameters in Swiss strain albino mice” – In 4th Bihar Science Conference, 2011

Poster Presentations

- International Conference on Reproductive Health with emphasis on Strategies for Infertility,Assisted Reproduction and Family Planning(ISSRF-2017),on 23rd -25th January,2017,organized by Division of Reproductive biology&Maternal Health &Child Health,ICMR,New Delhi. □
- Conference of Indian Cooperative Oncology Network,,32nd ICON. 13th – 15th March

2015 at Patna India

- Tanuja, Anjali Singh, Nivedita, KumarVimal, A.Nath, J.K Singh, Ravish Kumar. “Studies on Acute Oral Toxicity of Aqueous Extract of *Pyllanthus niruri* L. in Swiss albino Mice” in 3rd Bihar Science Conference 2010
- Nivedita, KumarVimal, Tanuja , Anjali Singh,, A.Nath, J.K. Singh. “Adverse Effect of Dioxin on Health and Fertility” In National Symposium on Impact of Environmental pollutant on Health and Fetility-2010
- Kumar Vimal, Nivedita,Tanuja, Anjali Singh,, A. Nath, J.K Singh. “Effect of Persistent Organic Pollutants on Health and Fertility” In National Symposium on Impact of Environmental pollutant on Health and Fetility-2010.
- Nivedita, Tanuja , Anjali Singh,, A. Nath , J.K Singh , Ravish Kumar.“Effect of aqueous extract of rhizome of *Curcuma longa* (L.) on radiation induced biochemical alterations in Swiss albino mice” In International Seminar 32nd AROICON- 2010
- Anjali Singh,, Tanuja, A. Nath, J.K Singh, Ravish Kumar. Role of Aqueous extract of *Eclipta alba* (l.) Hassk against various doses of gamma radiation” In International Seminar 32nd AROICON-2010.
- Anjali Singh, Tanuja and Ravish Kumar. “Effect of administration of Di (2- ethylhexyl) phthalate on biochemical parameters of liver in Swiss albino mice” – 4th Bihar Science Conference, 2011.
- Tanuja, Anjali Singh, A. Nath, J.K Singh, Ravish Kumar. “ Evaluation of radio protective action of the aqueous extract of *Phyllanthus niruri* L. on hematological parameters in Swiss albino mice” In International Seminar 32nd AROICON-2010.
- Kumar Vimal, Tanuja, Anjali Singh, A.Nath, J.K Singh, Ravish Kumar. “Protection against radiation induced changes in the testis of Swiss albino mice by aqueous leaf extract of *Eclipta alba* (L.) Hassk” In International Seminar 32nd AROICON- 2010. □
- Tanuja , Anjali Singh, Ashok Kumar Alok and A.Nath. “Restorative impact of *Eclipta alba*(L) extract on endosulfan induced biochemical alterations in Liver of Swiss Albino mice ” – 4th Bihar Science Conference, 2011.
- Kumar Vimal, Tanuja, Anjali Singh. “Toxicological assessment of *Phyllanthus*

niruri (L.) and its effect on biochemical indices of Liver of Swiss albino mice” -4thBihar Science Conference, 2011.

- Anjali Singh, Tanuja, Nivedita, Ravish Kumar. “Effect of Corn oil as a vehicle on Kidney of Female Swiss albino mice *Mus musculus* by gavage method”- In 4th Bihar Vigyan Congress, Govt. of Bihar, Bihar Council on Science & Technology- 2011.
- Tanuja , Anjali Singh, Kumar Vimal, Ravish Kumar. “Effect of Corn oil as a vehicle on Liver of Female Swiss albino mice *Mus musculus*”- In 4th Bihar Vigyan Congress, Govt. of Bihar, Bihar Council on Science & Technology-2011.
- Anjali Singh, Tanuja, Nivedita, Vimal, A.Nath, J.K Singh, Ravish Kumar. - “Phthalate induced health hazard to mammalian system with special reference to nephrotoxicity in mice model” In National Seminar on Emerging trends in Green chemistry-2011

2009-2011

- Topic – “Prophylatic Potential of *Withania somnifera* (L.) against gamma radiation induced Haematological variations in Swiss albino mice” - National Symposium on Biotechnological perspective of plants, microbes and their interaction- 2011.
- Topic- “Acute toxicity of *Eclipta alba*(L) and its effect on hematological parameters in Swiss strain albino mice” – 4th Bihar Science Conference, 2011.
- Topic- “Impact of Dioxin on Human Health”. In 3rd Bihar Vigyan Congress, Govt.of Bihar, Bihar Council on Science & Technology-2010
- Topic- “Studies on Acute Oral Toxicity of Aqueous Extract of *Pyllanthus niruri* L. in Swiss albino Mice” in 3rd Bihar Science Conference 2010.

- Topic- “Adverse Effect of Dioxin on Health and Fertility” In National Symposium on Impact of Environmental pollutant on Health and Fertility-2010.
- Topic- “Effect of Persistent Organic Pollutants on Health and Fertility” In National Symposium on Impact of Environmental pollutant on Health and Fertility- 2010.
- Topic-“Effect of aqueous extract of rhizome of *Curcuma longa* (L.) on radiation induced biochemical alterations in Swiss albino mice” In International Seminar 32nd AROICON-2010.
- Topic-“Role of aqueous extract of leaf of *Eclipta alba* (L.) hassk against various doses of gamma radiation” In International Seminar 32nd AROICON- 2010
- Topic-“Evaluation of radio protective action of the aqueous extract of *Phyllanthus niruri* L. on hematological parameters in Swiss albino mice” In International Seminar 32nd AROICON-2010.
- Topic-“Protection against radiation induced changes in the testis of Swiss albino mice by aqueous extract of leaf of *Eclipta alba* (L.) hassk. In International Seminar 32nd AROICON-2010.
- Topic”Strategies for empowerment and capacity building of rural women of Bihar” in International Seminar on “Women Work and Poverty in Bihar-2009,sponsored by UGC,ICSSR,NABARD and UNICEF.
- Topic- “Acute toxicity of *Eclipta alba*(L) and its effect on hematological parameters in Swiss strain albino mice” – In 4th Bihar Science Conference, 2011.
- Topic-“Dioxin (TCDD) induced renal toxicity in swiss albino mice.” In National Seminar on Emerging trends in Green chemistry-2011
- Topic-“Phthalate induced health hazard to mammalian system with special reference to nephrotoxicity in mice model” In National Seminar on Emerging trends in Green chemistry-2011.

2008-2020

Conferences/seminar/worksh ops	Articles/Papers/Abstract published	PLACE	LEVEL
UGC sponsored National Seminar on “Applications Of Nanoscience and Nanotechnology.”	Attended -	Dept. of Physics, Patna Women’s College, Patna University, September 12, 2008.	National
1 st Bihar Science Conference, 2008 organized by Bihar Brains Development Society.	Probiotics: An innovative and potent tool to improve the human defense barrier.” (Paper)	May 7-9, 2008.	National
National Seminar on “Importance of Medicinal and Aromatic Plants in Bihar Economy”, organized by State Medicinal Plant Board Health Dept., Govt. of Bihar.	“Eco-friendly Cultivation of Medicinal and Aromatic Plants for Sustainable Development”. (Abstract)	Rabindra Bhawan, April 8-9, 2008.	National
National Seminar and Workshop on Biotechnology, Organized by Dept. of Science and Technology, Govt. of Bihar	Attended	February 16, 2008.	National
National Seminar on “Water Conservation” organized by Dept. of Botany.	“Effective treatment technology options for scientific management of waste water.” (Abstract)	G.M.D. College, Harnaut, Nalanda, January 19-20, 2008.	National
“Scientific Foresight	-	Shri Krishna	National

2007: A Global Symposium on Contemporary Science and Technology”, organized by Dept. of Science and Technology, Govt. of Bihar.	Attended	Science Centre, December 22-24, 2007	
National Seminar on “Traditional Medicinal Uses of Plants for Human Welfare”, sponsored by U.G.C. (ERO), Kolkata, organized by P.G. Department of Botany.	“Significance of Essential oils from Medicinal and Aromatic plants in Aromatherapy”. (Abstract)	R.L.S.Y. College, Bakhtiarpur, Patna, March 17-18, 2007.	National
2 nd Bihar Vigyan Congress 2007; organized by Department of Science and Technology, Government of Bihar.	“Cellulose Degradation for Sustainable Development”. (Paper Presentation)	IGSC Planetarium, Patna; National Science Day, February 26-28, 2007.	National
National Seminar on “Prospects of Ethno botanical Researches in India; Vision 2020”, Organized by School of Pure Science, Nalanda Open University.	“Common Medicinal Plants used in the Unani System of Medicine.” (Poster Presentation)	Nalanda Open University, Bihar, February 24-25, 2007.	National
International Conference on “The Majestic River Ganga – Health, Integrity and	“Isolation of Antibiotic Resistant Coliforms from River Ganga in between Varanasi and	Patna Science College, Patna, November 13-15, 2006.	International

Management”, Sponsored by NRCD, MOEF, Govt. of India.	Patna.” (Poster Presentation)		
National Seminar on “Importance of Medicinal Plants Cultivation in Promoting the Rural Economy And Supporting Rural Health Care System”.	“Study of Antibacterial Activity of Leaf and Stem Leachates of Parthenium hysterophorus.” (Paper Presentation)	Society for Environment and Social Awareness, (SESA), Daltonganj, March 11-12, 2006.	National
National Conference on “Recent Advances in Environmental Biotechnology for Forest and Biodiversity Management”,	“Significance of Eco- friendly Cultivation of Medicinal and Aromatic Plants for sustainable agriculture and Biodiversity Management”. (Abstract)	Ranchi Women’s College, Ranchi, Jharkhand, March 7 - 8, 2006.	National

sponsored by NAEB, Ministry of Environment and Forestry, Govt. of India, N. Delhi.			
U.G.C. Sponsored National Conference on “Environmental Education for Sustainable Development”.	“Impact of Biomethanation on Sustainable Development.” (Paper Presentation)	Patna Women’s College, February 10 & 11, 2006.	National
Workshop on “Technology Management: Prospects and Profits”, Sponsored by DSIR, Govt. of India.	-Attended	IED, Patna, January 23, 2006.	National
National Seminar on “Medicinal and Aromatic Plants – Bio-diversity, Conservation and Processing”.	“Therapeutic properties and Antimicrobial Activities of selected culinary herbs of Bihar.” (Abstract)	Indira Gandhi Agricultural University, Raipur 2005,	National
National Seminar on “Cultivation on Aromatic Plants in Bihar”, U.G.C. sponsored.	1. “Commercial Potential and Therapeutic properties of selected Aromatic plants.” (Abstract) 2. “Aromatic tree species of commercial importance.” (Paper) 3. “Importance	B.M.D. College, Vaishali (Bihar University), March 3 rd & 4 th , 2005.	National

	of essential oil yield in Aromatic plants.” (Paper)		
Seminar on “Khadi Gramodyog & Gandhian Ideology”, sponsored by KVIC, Ministry of	- Attended	Patna Women’s College, March 18, 2004.	State

Agriculture & Rural Industries, Govt. of India.			
Seminar on “Water Management”, sponsored by NEAC.	Attended -	Patna Women’s College, Patna, April 2, 2003.	State
National Workshop on “Bihar on road to Biotechnology: Opportunities and Challenges”, sponsored by Department of Science and Technology.	Attended -	Patna , March 23- 24, 2003.	National
National Symposium on “Plant Diversity and Biotechnology.”	Attended	Patna University, Patna, October 9- 10, 2001.	National
Seminar on “Urban Ecology”, sponsored by NEAC, Govt. of India.	Attended	Patna Women’s College, Patna, March 14, 2000.	State

Training and Workshop

Workshop/Training		
(1)	NAAC Awareness Workshop on Excellence in Higher Education organized by IQAC, Patna University & NAAC	21 st January, 2019, Patna University, Patna
(2)	Advanced separation Techniques	27 th -31 st January, 2010 Conducted by NIPER, Hajipur and RMRIMS, Patna.
(3)	Mushroom Cultivation	Conducted by S.I.D.B.I. and Herbaria India, (N.G.O.)
(4)	Tools and Techniques of Biotechnology and Bioinformatics	20 th May – 28 th May, 2004 at College of Commerce, Magadh University, Bihar
(5)	Workshop on managing Parthenium menance	Dept. of Biotechnology A.N College, M U, Patna

(6)	Awareness workshop for University users for collaborative research in basic and applied sciences.	9 th -10 th January,2013 Patna Women's College,P.U Patna
(7)	NAAC Sponsored workshop on Institutional healthy practices : Oppurtunities and strategie	20 th February,2013 Patna Women's College,P.U Patna
(8)	Awareness workshop for University users for collaborative research in basic and applied sciences.	9 th -10 th January,2013 Patna Women's College,P.U Patna
(9)	NAAC Sponsored workshop on Institutional healthy practices : Oppurtunities and strategies	20 th February,2013 Patna Women's College,P.U Patna
(10)	Workshop on Converting Waste into Assets	28 th July,2015,Shree Arvindo Science Society ,ArvindMahila College,Patna,

ORIENTATION COURSE:

- U.G.C. sponsored orientation course at U.G.C.-Academic Staff College, Patna, 39th orientation course from 19th March-15th April, 2004.

REFRESHER COURSES-

- U.G.C. Sponsored refresher course in the subject Life Science from 6^t to 26th September, 2005 at the Dept of Zoology, Patna University, Bihar.
- U.G.C. sponsored refresher course in the subject Environmental Science from 1st– 21st December, 2008, at the Dept. of Physics, Patna University,
- U.G.C. Sponsored refresher course in the subject Life Science from 10th- 30th March, 2010 at the Dept of Zoology, Patna University, Bihar.