

Brief biodata of Dr. Tanuja, University Department of Botany ,Patliputra University

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A. Academic management work/ Participation in corporate life/ Positions held

1. CCDC(Coordinator College Development Council),PPU, coordinating the various developmental activities of 25 constituent colleges 53 B.Ed colleges and about 42 affiliated colleges of Patliputra University.
2. Coordinator of Research cell of the University &Member IQAC of Patliputra University),Patna,Bihar.
3. Chief Editor of University magazine “ Patlipragya” and University Newsletter
4. Member of University Academic Council, Senate ,Syndicate,Admission Committee, Patliputra University and Member ANTPC(Affiliation and New Teaching Programme Committee), Patliputra University, Committee for Ordinance and Regulation of Vocational Courses,, Patliputra University
5. Head, Dept. of Botany and Coordinator ,Department of Biotechnology,T.P.S College, Patna(Patliputra University),Patna, Bihar- September 2017 to November 2019.
6. In- charge of Nodal Cancer Awareness Centre of TPS College in collaboration with SS Hospital and Research Centre and under the patronshipof Dr J.K Singh, PadmashreeAwardee, for conducting awareness programmes among students and faculty members in Universities of Bihar.

B. Fellow/Life membership of Learned Bodies:

1. Fellow Member of International Society of Biotechnologist- **2009**
2. Fellow Member of Society of Life –Sciences -**2013**
3. Fellow Member of The Academy of Environmental Biology- **2019**
4. Life Member of Indian Botanical Society- 2005
5. Life Member of Indian Science Congress- 2006
6. Life Member of Association of Microbiologists of India- 2006
7. Life Member of National Environmentalists Association (N.E.A)- 2012
8. Life Member The Academy of Environmental Biology-2010
9. Life Member International Society of Environmental Botanists- 2009
10. Life Member of Indian Society for the Study of Reproduction and Fertility- 2018
11. Life Member of International Consortium of Contemporary Biologists- 2011
12. Life member of Recent Life Science Mirror- 2012
13. Life Member of the Society for Bioinformatics and Biological Sciences- 2019
14. Life Member of the Blue Planet Society, Allahabad, U.P (India)- 2019
15. Life Member of the Society for Active Volunteers for Environment(SAVE International)- 2018

D. Research Supervision:Ph. D produced under my supervision : Four

Ph. D submitted under my supervision : Three

E. Books published :7 books, 2 open university course study material and one seminar proceeding

1. 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.
2. Microbial Ecology
TanujaSingh , S.S Purohit; ISBN: -978-81-7754-479-4, Agrobios (India),Jodhpur, Rajasthan,2012.
 3. Soil Microbiology
TanujaSingh ,S.SPurohit and PradeepParihar ,ISBN: 81-7754- 390-3 Agrobios (India), Jodhpur, Rajasthan, 2010.
 4. Fermentation Technology
Tanuja Singh and S.S. Purohit , ISBN: 81-7754-352- Agrobios (india), Jodhpur, Rajasthan, 2008.
 5. A Handbook of Aromatic Plants: Cultivation, Chemistry, Processing and Uses
S. Bedi, Tanuja and Vyas , ISBN: 81-7754-341-5, Agrobios (India), Jodhpur, Rajasthan, 2008
 6. Bio-fertilizer Technology
Tanuja Singh and S.S. Purohit. ISBN:81-7754-382-2Agrobios (India), Jodhpur, Rajasthan, 2008.
 7. AdhunikSukshmajeevVigyan (in Hindi)
S.S.Purohit and Tanuja ,ISBN: 81-7754- 359-8 Agrobios (India), Jodhpur, Rajasthan, 2008.
 8. Course/Study Material – General Studies (B.A/B.Sc), Paper –V ForNalanda Open University Bihar, A state Open University, Year – 2007.
 9. 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
 10. Proceedings of the National Seminar on ‘Cultivation of Aromatic Plants in Bihar, sponsored by the University Grants Commission ,New Delhi.

F.Research Publications/Coferences/Seminars:

Total 51,out of which 30 in Scopus/ Care List/ indexed / Refereed journals. I have been actively participating in Conferences, Seminar, Symposiums and presented papers. I have also chaired technical sessions and have addressed as Resource person.

H. Editorial Board member: five journals

I. Academic Honours/ Committees on Education

1. Nominated by the **Governor cum Chancellor of Universities of Bihar** as Member of the Committee to upgrade laboratories of colleges in Science faculty in Universities of Bihar,2018
2. Nominated by the **Governor cum Chancellor of Universities of Bihar** as Member of the Core Committee in Science to improve the course content and promote research in the Universities of Bihar.
3. Nominated by the **Governor cum Chancellor of Universities of Bihar** Nodal Officer to initiate Digital initiatives in Higher Education in Bihar
4. Academic Councilor for IGNOU at T.P.S College, PatliputraUniversity,Patna, 2014 till date
5. Member Board of Studies for Microbiology (Patna Women’s College. PU), Environmental Studies(Nalanda Open University), Botany, Patliputra University
6. Visiting faculty Mahavir Cancer Sansthan ,2009 till 2014 and visiting faculty SS Hospital and Research Institute, 2014 till date.
7. Resource person in National Level Faculty Development Programme on “Research Methodology &Data Analysis for enhancing Effective Teaching –Learning in Higher Education ,21st -25th January, 2020, organized by University Department of PatliputraUniversity,Patna.
8. 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 RajendraMandap, Rajbhavan, Bihar.
9. Member of the Team for Upgradation of Botany dictionary and glossary (English to Hindi)from 14th September to 18th September,2015,Organized by TheCommission for Scientific and Technical Terminology,Ministry of Human Resource Development,Department of Higher Education,New Delhi.

J. Awards (Academic):

1. Recognition Award and Gold medal in 2018, at DeenDayalUpadhayaUniversity,Gorakhpur ,by Society of Life Sciences, Madhya Pradesh.
2. 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.
3. Woman scientist Award of the Society for Bioinformatics and Biological Sciences, 2018.
4. 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.

K. Awards for outreach/extension activities:

1. Dr APJ Abdul Kalam Environmental Green Award-2019 conferred by Blue Planet Society and Botanical Survey of India, Prayagraj ,India.
2. 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).
3. In recognition of social and cultural services rendered by me for the upliftment of Downtrodden – Opressed and Depressed sections of the society , Iwas conferred with the **ViranganaSavitriBaiPhule Fellowship National Award -2019** by Bharatiya Dalit Sahitya Academy, 35th conference of Dalit writers ,New Delhi.
4. Appreciation Award for contributions in the field of Education in Bihar, conferred by Breast Cancer Society of India, Patna Chapter, on International Women’s Day, 8th March, 2020.
5. Exceptional Women Environmentalist Award, conferred by Society for Active Volunteers for Environment(SAVE International) on International Women’s Day, 8th March, 2020.

fN.Research Activities:

1. Principal Investigator/Co PI of seven successfully completed Research Projects of Dept. of Science and Technology, U.G.C, New Delhi and ICMR ,Govt of India , Funded Research Projects,
2. Principal Investigator in two on- going Research Projects.
 - Department of Science and Technology, Govt. of India on “**Assessment of Govt. of India's gender mainstreaming programme for women in science**”,
 - Indian Council of Medical Research ,Govt. of India 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**” .
3. Convenor and organizer of Sensitization programme for WOS -A Scheme of Dept. of Science and Technology,Govt. of India and have successfully mentored thrice, Women Scientists under this scheme.
4. Member of the Evaluating Committee, of Basic Scientific Research Scheme presentation of UG Students at Patna Womens’ College,PU, Patna, 2014,2015,2016,2017,2018.
5. Member, Research Advisory Board of S S Hospital & Research Institute,(a unit of Magadh Resource Development Trust) ,2014 to date
6. Visiting Faculty in Research Centre of Mahavir Cancer Sansthan and Research Institute,Patna from 2008-2014.
7. Visiting Faculty in of S S Hospital and Research Institute, Patna from 2015- to date.