

# Biodata

Name : Prof. Awanish  
Fathers Name : Shri Surya Bali Yadav  
Designation : Professor  
Department : Botany  
Date of Birth : 05-11-1979

## Educational Qualification

S.N.	Examination	Subject	Year	Division	Board/Institute
1	High school	Science	1993	I <sup>st</sup>	U.P.Board, Allahabad
2	Intermediate	Science	1995	I <sup>st</sup>	U.P.Board, Allahabad
3	Graduation(B.Sc.)	Botany, Zoology, Chemistry	1998	I <sup>st</sup>	DDU Gorakhpur University, Gorakhpur
4	Post- Graduation (M.Sc.)	Botany	2000	I <sup>st</sup>	DDU Gorakhpur University, Gorakhpur
5	M.Tech.	Biotechnology	2004	I <sup>st</sup>	U.P. Technical University
5	Ph.D	Botany	2010	-	C.C.S. University, Meerut
6	NET	Life sciences	2001	-	CSIR
7	GATE	Life Sciences	2001	86.13 percentile	IIT, Kanpur

## Service Experiences:

S. N.	Post	From	To	Institute/organization
1	Assistant professor	20-12-2004	19-12-2016	Ch. Chhotu Ram College, Muzaffarnagar
2	Associate Professor	20-12-2016	08-07-2019	
3	Associate Professor	09-07-2019	31/10/2021	Mahatma Gandhi (P.G.) College, Gorakhpur
4	Professor	01/11/2021	Continue	

## **Publications:**

### **(A) Research Papers.**

1. **S.T.Raza, N. Hussain, A Kumar, S.P.Dwivedi, Awanish, A Dwivedi and N. Shukla (2004).** Intron 18 And 19 polymorphism in north Indian Haemophilia A families. *Haemophilia* (Blackwell publication). 10, (Suppl. 3), : 1-4. **(ISSN No.1365-2516, Impact Factor- 2.468)**
2. **Feroz Khan, Awanish, B.N. Mishra (2006).** Homology based 3D structure modelling of human blood clot protein F VIII. *Bioinformatics Trends: A Journal of Bioinformatics and its Applications*. 1(1):1-20.
3. **Raza ST, Husain N, Bhatt AN, Awanish (2007).** Hind III Polymorphism in carrier detection of haemophilia A in India: A new primer design. *Clin Appl Thromb Hemost*. 13(4) : 432-434. **(ISSN No. 1076-0296, Impact Factor-1.575)**
4. **Awanish and Naresh Kumar (2010).** Amelioration of SO<sub>2</sub> induced phytotoxicity in *Triticum aestivum* L. cv. PBW 343. *Asian Journal of Environmental Science*. 5(1), 29-36. **(ISSN No. 0973-4759, Impact Factor-3.13)**
5. **Awanish, Ombir Singh and Naresh Kumar (2011).** Amelioration of SO<sub>2</sub> induced phytotoxicity in Radish (*Raphanus sativus* L.) cv. Pusa Chetki. *Journal Scientific and Technological Research*. 1(2). 41-43. **(ISSN No. 2231-4709)**
6. **Ombir Singh Sandeep Kumar and Awanish (2012).** Productivity and profitability of rice (*Oriza sativa*) as influenced by high fertility levels and their residual effect on wheat (*Triticum aestivum*). *Indian Journal of Agronomy*. 57 (2), 143-147. **(ISSN No. 0537- 197X, Impact Factor- 5)**
7. **Awanish (2014).** Plant responses to SO<sub>2</sub> pollution- Review article. *International Journal of Plant Sciences*. 9 (2), 441-448. **(ISSN No. 0973- 1597, Impact Factor- 2.19)**
8. **Awanish and Naresh Kumar (2014).** Mitigation of SO<sub>2</sub> induced phytotoxicity in pea plants using antioxidants. *Advances in Plant Science*, **27(1)**, 269-274. **(ISSN No. 0970-3586, Impact factor- 2.72).**
9. **Awanish, Ombir Singh and Naresh Kumar (2014).** Effects of SO<sub>2</sub> pollution in *Capsicum annum* L. and its amelioration. *Journal of the Kalash Science*,51-56. **(ISSN- 2321-7634)**
10. **Awanish (2017).** Role of plant tissue culture in biodiversity conservation: A review. *Ad. Plant Sci*. 30 (II) 249-251. **(ISSN 0970-3586)**

11. **Awanish (2019)**. Effect on proline, phenolics and anthocyanine content of *Raphanus sativus* L.cv.Pusa chetki under SO<sub>2</sub> pollution stress. International Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, 5-9, 6(6).
12. **Anoop Kumar and Awanish (2019)**. Antioxidative response of *Glycine max* under salt stress. *Agriways* 7 (2) : 107-108 ( ISSN: 2321-8614 (Print) ISSN: 2454-2318 (Online))
13. **Awanish (2019)**. Effects of SO<sub>2</sub> pollution on proline and phenolics content of *Capsicum annuum* L. cv. Pusa jwala. *Ad. Plant Sci.* (ISSN 0970-3586)-32(2), Accepted 2019
14. Anita Kumari and Awanish (2021). Phytoremediation for Tinia Caused by Trichophyton Flavescence (ISSN 0970-3586)-34 (I - II) 59-61.
15. Awanish, Alok Ranjan and Anita Kumari (2021). Effect of Salt Stress on Medicinal Properties of Plants. *Ad. Plant Sci.* (ISSN 0970-3586)-34 (I - II) 163 - 166,

## **B. Books**

1. "Detection of Haemophilia A Carriers in North Indian Population" Authored by Dr. Awanish and Prof. Nuzahat Husain., Published by **Lambert Academic Publishing, Germany ISBN-978-3-659-50353-5**
2. "Climate Change and Agriculture" Edited by Dr. Awanish and Prof. Naresh Kumar, Published by **Lambert Academic Publishing, Germany ISBN-978-3-659-19448-1.**
3. "Proceedings of national conference on Amelioration of Air pollution effects in Agricultural Crops." Edited by Prof. Naresh Kumar and Dr. Awanish, Published by **Shri Balaji Publications, Muzaffarnagar, ISBN-978-93-8493-445-3.**
4. "Effect of SO<sub>2</sub> pollution on plants and Its Amelioration". Authored by Dr. Awanish, **Learning Media Publication, Mawana Road, Meerut ISBN: 978-81-942503-3-3**

## **C. Book chapters**

1. **Awanish and Naresh Kumar (2012)**. Biochemical changes in pea leaves under SO<sub>2</sub> Pollution alone and with ameliorating agents sodium benzoate and potassium ascorbate. *Proceeding of National conference on Climate change and Agriculture, April 10, 2012 at C.C.R. (P.G.) College, Muzaffarnagar sponsored by DST.* 74-79. **ISBN-978-3-659-19448-1**
2. **Awanish and Naresh Kumar (2012)**. Impact of auto- emission on micromorphology of two common roadside plants along the national highway -58. *Proceeding of National conference on Climate change and Agriculture, April 10, 2012 at C.C.R. (P.G.) College, Muzaffarnagar sponsored by DST.* 65-68. **ISBN-978-3-659-19448-1**

3. **Awanish and Naresh Kumar (2016)**. Amelioration of SO<sub>2</sub> Pollution effects in Crops: A Review . Proceedings of National Conference on Amelioration Air Pollution Effects in Agricultural Crops. March15, 2016 at *C.C.R. (P.G.) College, Muzaffarnagar sponsored by Department of Higher Education, U.P.Government.1-7. ISBN-978-93-8493-445-3.*
4. **Anoop Kumar and Awanish (2016)**. Effect of Ameliorating Agents in Salinity stress condition on *Glycine max*. Proceedings of National Conference on Amelioration Air Pollution Effects in Agricultural Crops. March15, 2016 at *C.C.R. (P.G.) College, Muzaffarnagar sponsored by Department of Higher Education, U.P.Government.1-7. ISBN-978-93-8493-445-3.*
5. **Awanish, S.K. Singh and Naresh Kumar (2016)**. Applications of Plant Tissue Culture in Agriculture. Proceeding of National Seminar on Recent Advances in Diversified Agricultural System. February 20-21, 2016, at *C.C.R. (P.G.) College, Muzaffarnagar 52-68.*
6. **Awanish (2019)**. Biodeterioration of Paper, Textiles and Historical Monuments in Book Green Initiatives and Sustainable Development Edited By Subhash Kumar ISBN-97881942503 page no- 327-340.
7. **Awanish (2019)**. Effective Microorganisms in Book Green Initiatives and Sustainable Development Edited By Subhash Kumar ISBN-97881942503, page no- 396-399

### **Fellowship/Awards**

1. Fellow of Academy of Plant Sciences, India (FAPS), 4<sup>th</sup> April 2017.
2. Fellow of Hind- Agri Horticultural Society (FHAS), 18<sup>th</sup> June 2017

### **Organized seminar/conference/symposium/workshop etc**

1. Organized National conference on Climate change and Agriculture, April 10, 2012 at C.C.R. (P.G.) College, Muzaffarnagar sponsored by DST as Organizing Secretary
2. Organized National Conference on Amelioration Air Pollution Effects in Agricultural Crops. March15, 2016 at *C.C.R. (P.G.) College, Muzaffarnagar sponsored by Department of Higher Education, U.P.Government. as Organizing Secretary\*
3. Member/ Advisor of organizing committee of National Conference on Green Chemistry for Sustainable future, February 25. 2017 at *C.C.R. (P.G.) College, Muzaffarnagar sponsored by Department of Higher Education, U.P.Government.*
4. Organized a Workshop on “**Foldscope: A Pocket Microscope**”. October 18, 2019, at Mahatma Gandhi (P.G.) College, Gorakhpur

### **Participation and Presentation in seminar/ conference /symposium/ workshop etc**

1. Participated in Roving seminar on IPR in Biotechnology sponsored by DBT and WIPO, October 2002, at CIMAP, Lucknow
5. Completed two days training programme on Introduction to Bioinformatics- Principles and applications sponsored by DBT at Biotech park, Lucknow.
6. Participated in national seminar on Environmental Degradation: Problems and Preventions September 7, 2005 organized by SDCET, Muzaffarnagar.
7. Presented a Paper in National seminar on Recent trends in science and technology and its Applications January 7 & 8, 2006 organized by SDCET, Muzaffarnagar.
8. Participated in National Seminar on Public participation for Environmental Control, April, 7, 2007 organized by SDCET, Muzaffarnagar.
9. Participated in National Seminar on Recent strategies of management, technology and Environmental Control, February, 9 and 10, 2008 organized by SDCET, Muzaffarnagar.
10. Presented a Paper in National Symposium on Environment and Sustainable Development, November, 14, 2008 organized by Dept. of Botany, Meerut College, Meerut. Title of the paper- Floristic studies of district Muzaffarnagar.
11. Participated in workshop on Methodology of Grass Study and Identification, March, 20 and 21, 2009 organized by Dept. of Botany, DAV College, Deharadun.
12. Participated in seminar-cum-workshop on Bioresource conservation and Utilization, March, 27 and 28, 2009 organized by Dept. of Botany, C.C.S.University, Meerut.
13. Participated in National Conference on Recent trends in Management, Technology and Environment, November 28 & 29, 2009 organized by SDCET, Muzaffarnagar.
14. Participated in National Conference on Management of Technologies for Advancing Rural India, February, 5 and 6, 2011, organized by SDCET, Muzaffarnagar.
15. Presented a Paper in National conference on Climate change and Agriculture, April 10, 2012 at C.C.R. (P.G.) College, Muzaffarnagar Title of the paper- Climate change impact on Indian Agriculture
16. Presented a paper in National Seminar on Trends in Plant Sciences, March, 19&20, 2013, organized by Dept. of Botany, DAV College, Muzaffarnagar. Title of the paper- Studies on amelioration of SO<sub>2</sub>-induced phytotoxic effects in wheat
17. Presented a paper in National Seminar on Science and Innovation, Feb14, 2014, organized by BRDPG College, Deoria. Title of the paper- Weed Control using an Environmentally Friendly Method – Allelopathy

18. Presented a Paper on IPR in National Seminar on Law and Governance in Contemporary perspectives, March, 20-22, 2015, organized by Shri Ram College of Law, Muzaffarnagar. Title of the paper- Intellectual Property Rights for Protection of New Plant Varieties : International Obligations and Domestic Legislations.
19. Presented a Paper in National Seminar on The Role of Biology in Bringing Second Green Revolution, October, 11&12, 2015, at Department of Botany, M.S.College, Saharanpur. Title of the Paper- Effect of climate change on growth and yield of *Mangifera indica* in W. Uttar Pradesh.
20. Presented a paper in National Seminar on Innovative Approaches for sustainable Agriculture, Livelihood and Environmental Security, November 7, 2015 organized by Deptt. Of Plant Pathology, Gochar Mhavidyalaya, Rampur Maniharan, Saharanpur. Title of the Paper- Role of Proline in Plant Adaptation to Environmental Stress
21. Participated in National Seminar on Dalit Leadership In India, April,14, 2015, Organized by C.C.S.University, Meerut.
22. Presented a paper in National conference on Recent Advances in Diversified Agricultural System, February, 20-21, 2016, at C.C.R. (P.G.) College, Muzaffarnagar. Title of the Paper- Applications of Plant Tissue Culture in Agriculture
23. Presented a paper in National Conference on Amelioration of Air Pollution Effects in Agricultural Crops, March 15, 2016 at C.C.R. (P.G.) College, Muzaffarnagar. Title of the paper- Amelioration of SO<sub>2</sub> Pollution effects in Crops: A Review
24. Presented a paper in National Conference on Natural Resources Management for Sustainable Agriculture, October25, 2016 at J V College,Baraut, Baghpat. Title of the paper- Micropropagation for Horticulture and Forestry
25. Presented a Paper in National Seminar on Emerging Environmental Concern and Public Health, December 11&12, 2016, Organized by Shaheed Mangal Pandey Govt. Girls PG College, Meerut. Title of the Paper- Effect of Genetically Modified Crops on Environment
26. Presented a paper in National Conference on Green Chemistry for Sustainable Future, February, 25, 2017, at C.C.R. (P.G.) College, Muzaffarnagar. Title of the paper- Antimicrobial properties of some common plants as an alternative to synthetic preservatives in food.
27. Presented a paper in national Seminar on Latest advances in Physical Sciences and Life Sciences, March 18 &19, 2017 at Department of Chemistry, Meerut College. Title of the Paper- Effects of Paper Mill Effluents on Black gram (*Vigna mungo* L.)
28. Presented a paper in National Seminar on Bio-energy and waste management: Strategies and Solutions. September 9, 2017, at S.D. College of Engineering and Technology, Muzaffarnagar. Title of the Paper: Bioremediation of Pesticides by Microorganisms.

29. Presented a paper in National Seminar on Biodiversity and its Conservation, December 15, 2017 at DAV College, Muzaffarnagar. Title of the paper- Role of tissue culture on conservation biodiversity.
30. Presented a paper in National Seminar on New horizons of overall development and higher education in India, February 16, 2018, at Sanatan Dharm College, Muzaffarnagar. Title of the paper: Holistic Approach on Academic Performance Indicator (API).
31. Presented a paper in National Seminar on Environment, Climate change and sustainable development, March 18-19, 2018 at Government Degree College, Nanauta, Saharanpur. Title of the paper- Role of tissue culture in Horticulture.
32. Delivered a Speech in 18<sup>th</sup> National Energy Conservation Day at Zoology Department, D.A.V. College, Muzaffarnagar, December 14, 2018.
33. Presented a paper in National Conference on Issues and Policies of Governance and Law: Contemporary Perspectives, March 09-10, 2019 at Shri Ram College of Law, Muzaffarnagar. Title of the paper- National Environmental Policies in India.
34. Co-Chairman at Technical Session in National Conference on Issues and Policies of Governance and Law: Contemporary Perspectives, March 09-10, 2019 at Shri Ram College of Law, Muzaffarnagar.
35. Presented a paper in National Seminar on Biodiversity and Development: Challenges of 21<sup>st</sup> Century, 24<sup>th</sup> and 25<sup>th</sup> November 2019, at M.L.K. P.G. College, Balrampur, U.P. Title of Paper: Role of horticultural plants to improve the indoor air quality: A review
36. Presented a paper in National Conference on Green Development for Environmental Concern, 1<sup>st</sup> December 2019 at A.S. (P.G.) College, Mawana, Meerut. Title of the paper: Potentiality of Duckweed as Future food for Humans in India.
37. Presented a paper in National Seminar on Ethnomedicinal Wealth of India, January 29, 2020 at Department of Botany, R. G. P.G. College, Meerut. Title of the Paper: Ethnomedicinal use of *Clerodendrum viscosum* Vent.
38. Presented a paper in National Conference on Replacement of Petrochemicals by Bio-based chemicals for Safe Environment, February 18, 2020 at Ch. Chhotu Ram (P.G.) College, Muzaffarnagar. Title of the Paper: Algal Biofuel: An Alternative to Fossil Fuel.
39. Participated in two days International webinar on Covid 19: Crisis and Management, on May 09-10, 2020, organized by K P M Govt Girls Degree College, Aurai, Bhadohi.
40. Participated in webinar on Mental health Promotion : Strengthening positivity and psychological well-being, May 11, 2020, organized by Mahamaya Govt Degree College, Dhanupur, Prayagraj.

41. Participated in webinar on Good nutrition and life style during new normal, May 12,2020, organized by Mahamaya Govt Degree College, Dhanupur, Prayagraj.
42. Participated in webinar in Medicinal and Aromatic Plants for boosting Immunity in the era of Covid - 19, on May 29, 2020, organized by Department of Botany D D U Gorakhpur University, Gorakhpur.
43. Participated in International webinar on Covid -19: Challenges and Perspective, on June 03, 2020, organized by Digvijay Nath P. G. College, Gorakhpur.
44. Participated in webinar on Environmental Quality In The Present Scenario and implications on Employment Prospects organized by Department of Environmental Science, Bareilly College, Bareilly on the occasion of 5th June World Environment Day 2020.
45. Participated in one day international web conference on Environment and Development organized by RRPg college Amethi on June 5. 2020.
46. Participated in International webinar on Pandemic Era of Covid 19: Where we stand?, Where we go? On June 09-10, 2020, Organized by Department of Zoology, D D U Gorakhpur University, Gorakhpur.
47. Participated in three days e workshop on Yoga for Positive Health, on June 19-21, 2020, organized by Mahamaya Govt Degree College, Dhanupur, Prayagraj.
48. Participated in International Workshop on Motivation for happy Lifestyle on June 20, 2020, organized by Department of Botany D D U Gorakhpur University, Gorakhpur.
49. Participated in International Webinar on Herbal alternatives and complementary medicine for Covid - 19 on June 22, 2020, organized by Department of Botany D D U Gorakhpur University, Gorakhpur.
50. Participated in International Workshop on Research ethics and Plagiarism on June 24, 2020, organized by Department of Botany D D U Gorakhpur University, Gorakhpur.
51. Participated in national level webinar on Fungal endophytes: Structural and Fungal Diversity on June 24, 2020, organized by Mycological Society of India, Mumbai Unit
52. Participated in International webinar on Trends in Sustainability: Regenerative Agriculture on June 26-27, 2020 organized by Maharana Pratap P G College, Jungledhusar, Gorakhpur.
53. Participated in National conference on *“Traditional Medicine Systems: their relevance and importance in Health care systems of Today and Tomorrow”* on 2nd & 3rd July 2020, Sponsored by STRIDE- UGC, New Delhi, conducted by Transdisciplinary Research center, St. Andrew’s College, Gorakhpur, Uttar Pradesh.



### **Orientation/ Refresher courses/ Faculty Development Programm:**

1. Participated in Refresher Course conducted by UGC-ASC, DDU Gorakhpur University, Gorakhpur on ICT from March 10, 2010 to March 31, 2010
2. Participated in 21 days (05-02-2014 to 25-02-2014) faculty training programme (equivalent to refresher course) on “Applications of molecular biology tools and bioinformatics in agriculture” at Centre of Excellence in Ag. Biotechnology and Bioinformatics, Sardar Vallabh Bhai Patel University of Agriculture and Technology, Meerut
3. Participated in 7 Days NSS Training and Orientation programme from 02-11-2014 to 08-11-2014 at Empanelled Training Institute, St. John’s College, Agra
4. Participated in 21 days Special Summer School 2016 (Botany) from 24-05-2016-13-05-2016 at HRDC, AMU, Aligarh
5. Participated in one week online faculty development program on Advance Research Methodology Application in new Education Policy from 22-06-2022 to 28-06-2022 organized by Digvijay Nath P G College, Gorakhpur and Science Tech Institute, Lucknow.

### **Administration experience at college/University level.**

1. **Incharge, Department of Botany, M.G.P.G. College, Gorakhpur from November 12, 2021 till now**
2. **Incharge, Department of Botany, C.C.R.College, Muzaffarnagar from November 02, 2014 to July,06, 2019**
3. **NSS Programme officer from 2011-2019**
4. **Member of Proctorial Board**
5. **Editor of College Magazine Pragati of C.C.R.College, Muzaffarnagar from session 2005-2019**
6. **Editor of College Magazine Deepshikha M.G.P.G. College, Gorakhpur from session 2021-22**
7. **IT Incharge of college C.C.R.College, Muzaffarnagar from session 2008-2019**
8. **Member of different committees at college level**
9. **Assistant Superintendent (AS) Examination in Session 2014-15 and 2017-18 in C.C.R. College, Muzaffarnagar**
10. **Asstt. Controller of Evaluation at C.C.S.University, Meerut four times. Etc.**

**Date:-----**

**Place:-----**

**(Signature of Faculty)**