Curriculum Vitae

Dr. Rohit Tiwari

Assistant Professor, Botany

BSNV PG College (KKV), Charbagh, Lucknow

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Permanent Address-

S/O Sh. Lal Chandra Tiwari, House No.- 749, Ward No.- 11, Naudera Deeh, Suwansa Bazaar Nagar Panchayat, District- Pratapgarh, UP, Pin- 230306

Educational Qualification-

Sr. No.	Class/Course	Board/Institute/University	Stream	Year
1.	High School	U P Board, Allahabad	Science	2000
2.	Intermediate	U P Board, Allahabad	Science	2002
3.	B.Sc.	Dr. Ram Manohar Lohia Avadh University, Faizabad, UP	Science	2005
4.	M.Sc.	Chhatrapati Shahu Ji Maharaj University, Kanpur, UP	Botany	2009
5.	Ph.D.	Jawaharlal Nehru University, New Delhi	Botany (Biotechnology)	2024
6.	CSIR- NET (Written)	Council of Scientific & Industrial Research	Life Science	2010
7.	CSIR- NET	Council of Scientific & Industrial Research	Life Science	2012
8.	ICMR-NET	Indian Council of Medical Research	Biological Science	2012
9.	CSIR-NET-JRF	Council of Scientific & Industrial Research	Life Science	2013
10.	GATE	Indian Institute of Technology	Life Science	2013

Experiences-

1. Seven years research experience from 2012-2019 at **Jawaharlal Nehru University, New Delhi.** This included Ph.D from School of Biotechnology. Title of the Ph.D is "हेलिकोबैक्टर पाइलोरी रोगजनन के दौरान स्रावित एक्सोसोम का लिपिडोमिक्स विश्लेषण".
2. Seven years teaching experience from 2019-2026 at **Ganjdundwara PG College, Kasganj, UP** affiliated by Raja Mahendra Pratap Singh University, Aligarh, UP. This included UPHESC Assistant Professor Job in subject of Botany.
3. From August 2026 onwards starts teaching as Assistant Professor Botany in **Bappa Sri Narain Vocational PG College (KKV), Charbagh, Lucknow** affiliated by University of Lucknow, Lucknow UP.

Publications-

1. Research paper published in May 2023 in UGC care listed journal named **Biological Forum- An International Journal** on topic "Exosomes as biomarkers and therapeutic targets in gastric cancer: Insights into *Helicobacter pylori* pathogenesis and beyond". (ISSN No.- 2249-3239).
2. Research paper published in August 2025 in Scopus listed journal named **Studies in Science of Science** on topic "Nano-enabled agriculture: Sustainable solutions for crop protection and productivity enhancement". (ISSN No.- 1003-2053).
3. Text book published in 2022 in Publication named **Shiksha Prakashan, Meerut** on title "पुष्पीय पादपों की पहचान व सौंदर्यात्मक विशेषताएं". (ISBN No.- 978-81-959086-2-2).
4. Text book published in 2023 in Publication named **Golden Valley Publication, Agra** on title सूक्ष्म जीव विज्ञान एवं पादप रोग विज्ञान". (ISBN No.- 978-93-92907-24-1).
5. Reference book published in 2025 in Publication named **Genic Books Publishers Pvt. Ltd Agra** on Title "Fundamentals of Economic Botany and Diversity". (ISBN No.- 978-81-994202-0-5).
6. Text book published in 2025 in Publication named **Genic Books Publishers Pvt. Ltd Agra** on Title "Ecology and Environment Paper-II". (ISBN No.- 978-81-990617-3-6).

Conferences-

1. Participated in an International Conference named **Role of AI and biotechnology in controlling disasters of food adulteration, agriculture and climate resilience: Challenges and future prospects (AIBCDFAC-2024) hybrid mode** and presented a paper entitled **"Role of Biotechnology in Enhancing Soil Health"** on 24th December 2024 at Paliwal PG College, Shikohabad, Firozabad, UP.
2. Participated in a National Conference named **86th Annual Conference of Society of Biological Chemists on "Emerging Discoveries in Health and Agricultural Sciences"** on 16th to 19th November 2017 at Jawaharlal Nehru University, New Delhi.

3. Participated in an International Conference named **International Conference cum Workshop on Proteomics, Transcriptomics and Molecular Drug Design: An Integrated Omics Approach** on 25th to 27th May 2022 at Zakir Husain College, New Delhi.
4. Participated in an International Conference named **56th Annual Conference of Association of Microbiologists of India (AMI-2015) & International Symposium on "Emerging Discoveries in Microbiology"** and presented a poster entitled **"Lipidomics analysis of exosomes secreted during *Helicobacter pylori* pathogenesis"** on 7th to 10th December 2015 at Jawaharlal Nehru University, New Delhi.

Seminars-

1. Participated in a National Seminar named **Harnessing Artificial Intelligence for Advancements in Zoology and Botany** and presented a poster entitled **"Harnessing Artificial Intelligence for Advancements in Botany"** on 8th September 2025 at Shia PG College, Lucknow.
2. Participated in a National Seminar named **Global Environmental Scenario: Past, Present, Future** and given a presentation lecture entitled **"Global Warming and Climate Change"** on 20th- 21st March 2024 at D.P.B.S. PG College, Anupshahar, Bulandshahar, UP.
3. Participated in an International Seminar named **Aazadi Ka Amritkaal: Global Welfare through Indian Knowledge System** and given a lecture entitled **Indian Freedom** on 7th October 2023 at Km. Mayawati Government Girls PG College, Badalpur, Gautam Buddha Nagar, UP.

Workshops-

1. Participated in a one day workshop on "**Intellectual Property Rights (IPR)"** on 19th January 2018 organized by **Consortium of Women Entrepreneurs of India** at Jawaharlal Nehru University, New Delhi.
2. Participated in a two days workshop on "**Lipidomics/Metabolomics"** on 23rd to 24th May 2016 conducted by **SCIEX Gurugram**, Haryana.
3. Participated in a two days workshop on "**Electron Microscopy"** on 30th to 31st March 2015 organized by **Advanced Instrumentation Research Facility** at Jawaharlal Nehru University, New Delhi.
4. Participated in a one day workshop on "**Science Communication and Career"** organized by **The Wellcome Trust/DBT India Alliance and Nature India** on 17th April 2018 at Jawaharlal Nehru University, New Delhi.

Training & Courses-

1. Participated in a two week online training program entitled **Research Training** organized by **MSME- Ministry of Micro, Small and Medium Enterprises, A Government of India Society-Agra** from 22nd August to 2nd September 2022.
2. Participated five days online **Faculty Development Programme** on **Future Direction for Education in the perspective of NEP-2020** organized by St. Thomas College of Education, Gautam Buddha Nagar UP from 18th to 22nd August 2025.
3. Participated ten days online **NEP-2020 Orientation & Sensitization Programme** organized by the UGC Malaviya Mission Teacher Training Centre, Aligarh Muslim University, Aligarh from 05th to 14th August 2025.
4. Participated Two week online **Subject Refresher Course on Teacher Education** organized by the UGC Malaviya Mission Teacher Training Centre, Aligarh Muslim University, Aligarh from 09th to 22nd July 2025.
5. Participated two days online **workshop on NEP-2020 Implementation** organized by the UGC-Human Resource Development Centre (HRDC), Aligarh Muslim University, Aligarh from 07th to 08th October 2022.
6. Participated one week online short term course on **E-content Development** organized by the UGC-Human Resource Development Centre (HRDC), Aligarh Muslim University, Aligarh from 15th to 22nd February 2023.
7. Participated one week online short term course on **Health and Hygiene** organized by the UGC-Human Resource Development Centre (HRDC), Aligarh Muslim University, Aligarh from 17th to 23nd February 2022.
8. Participated one week online short term course on **Quality in Research** organized by the UGC-Human Resource Development Centre (HRDC), Aligarh Muslim University, Aligarh from 21st to 27th September 2022.
9. Participated Five week online **Faculty Induction Programme** organized by the UGC-Human Resource Development Centre (HRDC), Aligarh Muslim University, Aligarh from 23rd February to 31st March 2021.
10. Participated Two week online **Subject Refresher Course** on **Environmental Studies** organized by the UGC-Human Resource Development Centre (HRDC), Aligarh Muslim University, Aligarh from 25th October to 09th November 2021.

Published Article-

क्रमांक	पत्रिका	वर्ष / अंक	लेख	पृष्ठ संख्या
1.	जन जागृति	2020-21 / 21	कोरोना : एक आपदा	28-29
2.	जन जागृति	2021-22 / 22	नशे की खेती : अपराधी फसल	54-55
3.	जन जागृति	2022-23 / 23	मधुमक्खी : मनुष्य की जीवन रेखा	32-33
4.	जन जागृति	2023-24 / 24	प्रकृति का मनुष्य को वरदान : हल्दी	12-13

Other Programs-

1. Participated in **Ozone Day Celebration** program in BSNV PG College, Charbagh, Lucknow and given a presentation on **World Ozone Day** on 16th September 2026.
2. Participated in National Science Day program named **Science and Technology for Sustainable Future** and presented a poster on topic "**Lipidomics analysis of exosomes secreted during *Helicobacter pylori* pathogenesis**" on 28th February 2018 at Jawaharlal Nehru University, New Delhi.
3. Participated in a program named **Shakti Sthapana Diwas** as a delegate, organized by **Shakti Vibha** on 7th April 2018 at Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeetha, New Delhi.
4. Participated in a program named **NanoBio Interface** organized by **School of Biotechnology** and attend all scientific session from 18th to 20th March 2016 at Jawaharlal Nehru University, New Delhi.
5. Participated in a program named **Bioepoch-2015** organized by **School of Biotechnology** and attend all scientific session from 10th to 11th April 2015 at Jawaharlal Nehru University, New Delhi.
6. Participated in a scientific quiz competition and got third rank of a program named **Bioepoch-2015** organized by **School of Biotechnology** from 10th to 11th April 2015 at Jawaharlal Nehru University, New Delhi.
7. Participated as a volunteer in a program named **Bioepoch-2016** organized by **School of Biotechnology** and attend all scientific session from 14th to 15th April 2016 at Jawaharlal Nehru University, New Delhi.
8. Participated in a program named **Bioepoch-2018** organized by **School of Biotechnology** and attend all scientific session on 21st April 2018 at Jawaharlal Nehru University, New Delhi.

Convener & Organizer-

1. Organized a study tour of all B.Sc. students in session 2019-20. Tour went to **National Botanical Research Institute, Lucknow UP** on 17th to 19th December 2019 for the **Study of Herbarium**.
2. Organized a study tour of all B.Sc. students in session 2020-21. Tour went **to Gokhur Wetland Site, Dariyaoganj, Kasganj UP (A Ramsar Site of India)** on 2nd February 2021 for the **Study of Wetland and Migratory Birds**.
3. Organized a study tour of all B.Sc. students in session 2021-22. Tour went to **Amer Fort, Jaipur** on 10th to 14th March 2022 for the **Study of Mountain Range of Vegetation of Rajasthan.**
4. Organized an **Ozone Day Celebration** program in BSNV PG College, Charbagh, Lucknow on 16th September 2026. Host and organize the speech competition in this program.

Incharge & Member of different Committees-

A. Ganjdundwara PG College, Ganjdundwara, Kasganj, UP

1. College Admission Committee
2. College Grievance Cell Committee
3. College ABACUS Committee
4. College NAAC Committee
5. College Manav Sampda Portal Committee
6. College Samarth Portal Committee
7. College Website Portal Committee
8. College Botanical Garden Committee

B. Bappa Sri Narain Vocational PG College, Charbagh, Lucknow, UP

1. BSNV Vigyan Parishad
2. BSNV PG College Garden

Declaration-

I hereby declare that all the statements made in this CV are true, complete, correct and best of my knowledge.



Place: Lucknow **Dr. Rohit Tiwari**