

Curriculum Vitae

Dr. RAGHVENDRA PRATAP NARAYAN

Assistant Professor

M. Sc.,(Botany), JRF/SRF-NET, D. Phil. (Science)

Affiliation: Netaji Subhash Chandra Bose Government Girls P.G.

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Date and Place of Birth: January 1st 1977 in Faizabad (UP), India

Nationality: Indian

Marital Status: Married, Two childrens.

Educational Qualification:

1. D. Phil. (Botany) from Allahabad University, 2008.
2. M.Sc from Allahabad University (67.7%).
3. B.Sc from Allahabad University (67.7%).
4. Intermediate from Navodaya Vidyalaya, Dabha Semar, Faizabad (73.3 %).
5. High School from Navodaya Vidyalaya, Dabha Semar, Faizabad (83.6 %).

Other Qualifications

1. Qualified JRF-NET/CSIR in 2001 Dec. 31
2. GATE in 2002 with 89.5 percentile
3. Specialization in Microbiology.

Research Experience

Title of D. Phil. Thesis

Effect of Agricultural Intensification on Free-living Dinitrogen Fixers.

Working Experience:

1. Handling, Bacteria, Fungi and AM fungi.
2. Micropropagation of plants.
3. Basic molecular techniques

Membership of National/ International Societies

1. Life time member of **Association of Microbiologists of India.**
2. Life time member of **International Society for Environmental Botanists.**
3. Life time member of **Institute of Applied Sciences, Allahabad.**
4. Life time member of **Sewa Chetna**, published by Bhaurao Devras Sewa Nyas, Lucknow.

Career Advancement

1. Participated in 70th Orientation Programme Conducted by ASC, JNU-2010.
2. Participated in Refresher Course in Botany, Conducted by HRDC-UGC, Nainital, UK

Administrative Experiences

1. Coordinator, UPRTOU, Allahabad, Study Center at Dr B. R. Ambedkar Government Degree College, Anaugi, Kannauj-209733
2. Coordinator, IGNOU study center since 2013 at NSCB Government Girls Postgraduate College, Aliganj, Lucknow.
3. Coordinator RUSA, at NSCB Government Girls Postgraduate College, Aliganj, Lucknow.
4. Coordinator AISHE, at NSCB Government Girls Postgraduate College, Aliganj, Lucknow.
5. Nodal officer Post Matric Scholarship for Graduate students, at at NSCB Government Girls Postgraduate College, Aliganj, Lucknow.
6. Member IQAC and NAAC committee at NSCB Government Girls Postgraduate College, Aliganj, Lucknow.

Trainings

1. Summer Research Fellowship (2011) of Indian National Science Academy, New Delhi/National Academy of Science, Allahabad/ Indian Academy of science, Bangalore under supervision of Dr Lok Man S Palni of G B Pant Institute of Himalayan Environment and Development and worked on “In *Vitro* micropropagation of *Amomum subulatum* Roxb. an Important Indian Spice”.

Member Editorial Boards

1. Annals of Plant Sciences. **Editor**
2. Journal of structural and functional biology. **Executive-Editor**
3. International journal of revolutionary research in science and technology. **Editor**
4. World Research Journal of Plant Biosystems. **Associate-Editor**

Journals

1. Journal of Structural and Functional Biology (www.jsfb.in).

Seminar/ Symposium Organized

1. College Level Seminar on “Seminar on Environment and Development”, Organized by Department of Economics and Botany on 28th September at NSCB Govt. Girls PG College Aliganj Lucknow.
2. National Seminar on Empowerment of Youth: Issues and Challenges, at NSCB Govt Girls PG College Aliganj, Lucknow on 8-9th Feb 2014.
3. National Conference on Ecological degradation and its impact on Socioeconomic Development at NSCB Govt Girls PG College Aliganj, Lucknow on 2-3th Feb 2018.
4. College Level Seminar on Cleanliness Mission and Environment, 31 August, 2018.

Total Teaching Experience: (9 Years 5 months).

Chronological list of experience (Starting from current position/ employment)						
Designation	Scale of Pay and Present Basic and AGP	Name and Address of employers	Period of Experience			Nature of work/duties
			From date	To date	No of years/ months(as on date of advertisement)	Contractual Temporary Permanent
(a)	(b)	(c)	(d)	(e)	(f)	(h)
Asst prof.	8000-13500/9100	MITS university, Sikar, Rajasthan	21 Aug 2008	7 th Oct 2009	1 year 2 months	Permanent
Asst. Prof. Senior Scale	21510-39100/7000 GP Total: 66593	Govt Degree College Anaugi Kannauj/ Govt Girls PG College, Aliganj Lucknow, UP	8 th Oct 2009	Continued	8 years 3 months	Permanent
			Total experience		9 years 5 months	

Publications

Books

S. No	Title with Page nos.	Type of Book & Authorship	Publisher & ISSN/ ISBN No.	Whether Peer reviewed	No. of co-authors	Whether you are the main author
1	Recent Trends in Biotechnology and Microbiology	Edited	ISBN: 978-1-60876-666-6 Nova Science, USA	Yes	05	No
2	Textbook of Economic Botany	Textbook	978-93-8468-802-8	No	0	yes
3	Recent Advances in plant	Edited	Nova Science, USA	Yes	02	Yes

	sciences		978-1-53610-004-4			
4	Introduction to Palynology and Biostatistics	Textbook	RP Publication, Delhi 9789382398769	No	01	Yes
5	Socio-economic Development and ecological Degradation	Edited	Lambert Academic Publishing, 9786139829491	Yes	02	Yes

Research Articles

S. No.	Title with Page nos.	Journal	ISSN/ ISBN No.	Impact factor
1	Low input technology for commercial cultivation of Gladiolus, 33-41	<i>J. Phytol. Res</i>	0970-5767	-
2	Significance of Arbuscular Mycorrhizae in Improving the Biomass and Biocrude Content of Euphorbia tirucalli under stressed soil. 173-178	<i>Geobios</i>	0251-1223	-
3	Selection of VA Mycorrhizal Inoculants for Improving Biomass and Hydrocarbon content of the three potential petrocrops	Journal of Indian Botanical Society	0019-4468	.877
4	Efficacy of microbial inoculants in reducing the phosphatic fertilizer input for Chrysanthemum	Indian Journal of Horticulture	0972-8538	0.229
5	Efficacy of AM Fungi in Improving Petroleum Contents of Calotropis procera Under Stressed Soil Conditions	J. Indian Bot. Soc.	0019-4468	.877
6	Population dynamics of <i>Azotobacter chroococcum</i> in wheat and paddy fields with different degrees of agricultural intensification in plains of Northern India	Acta Agriculturae Serbica	0354-9542	0.236
7	Effect of different agricultural practices on population dynamics of <i>Azotobacter chroococcum</i> and on its nitrogen fixing potentiality in Trans –Ganga and Trans-Yamuna plains of Allahabad, India	Acta Agriculturae Serbica, serbia	0354-9542	0.236
8	Population Dynamics of Arbuscular Mycorrhizal Fungi in Saline-Alkaline Soils of Gangetic Planes of India	Scholarly journal of Agricultural Science, USA	2276-7118	1.3725
9	Role of AM Fungi in Reclamation of Salt Affected Soils: a Review. 1167-1187(May 2013)	International Journal of Biology Pharmacy and Allied Sciences	2277-4998	-0.812
10	VAM Fungi; nutrient supplement to plants and soil: a review(Jan 2013)	Science and Technology Journal. Mizoram University, Mizoram	2321-3388	-----
11	Role of Dietary Fiber in Improving Human Physiology and in Controlling Diseases (2014)	International Journal of Biology Pharmacy and Allied Sciences	2277-4998	0.812
12	Large Cardamom: A Potential Cash Crop for Hill Community (2015)	Journal of Structural and Functional Biology	2455-006X	---
13	Synthesis and characterization of silver nanoparticles using transmission electron	Journal of Biological Sciences and Medicine	2455-5266	

	microscopy (TEM) and nanoparticle tracking analysis (NTA) technique(2017)			
14	Biological synthesis of silver nitratenanoparticles using different microorganism	Int. J. of Curr. Microbiol. App. Sci (2018)	2319-7706	

Book Articles

S. No.	Title with Page nos.	Book Title, editor & publisher	ISSN/ ISBN No.	Whether Peer reviewed.	No. of co-authors
1	Ecofriendly management of wilt of guava by VAM technology	Biocontrol of Plant Diseases' P. C. Trivedi; Aviskar Publishers and Distributers	978-81-7910-205-3	yes	03
2	Management strategies for VA mycorrhizae under intensive agricultural system	Agriculture and Forestry edited by P.C. Trivedi; Aviskar Publishers and Distributers	978-81-7910-272-5	yes	04
3	Biotechnology of post harvest diseases of fruits and vegetables	Recent Trends in Biotechnology and Microbiology. Nova Science, R. K. Gaur et al.	978-1-60876-666-6	yes	02
4	Advanced and Intensified Agricultural Practices are Harmful for Belowground Biodiversity	Advances in Biotechnology, By R K Gaur et al, Lap lambert academic publishing Germany	978-3-84337-145-2	yes	01
5	Soil Organism : Key Factor to Plant and Soil Health	Microbial Diversity and Functions, D J Bagyaraj et al., New India Publishing Agency	978-9-38145-010-9 (HB)	yes	02
6	Role of Diazotrophs in Maintaining Plant Health and the Factors Affecting their Growth and Development in Agricultural Fields(2016)	Technological Advancement in Plant sciences, NOVA Science Publication USA	978-1-53610-004-4	yes	0
7	Plant Viruses: History and Taxonomy (2016)	Plant Viruses: Evolution and Management, Springer, India	978-981-10-1405-5	yes	03
8	Plant and Carbon Nanotubes (CNTs) Interface: Present Status and Future Prospects (2017)	Nanotechnology, Springer	978-981-10-4678-0_16	no	07
9	Role of Plant Growth Promoting Rhizobacteria in Reclamation of Waste land. (2017)	Microbial Biotechnology Application in Agriculture and Environment, Springer Nature, Singapore	9789811068478_3	yes	03
10	Medicinal Plants of India and Their	Ethnopharmacology and	978177188	yes	05

	Antimicrobial Property <i>Ifra Zoomi, Harbans Kaur Kehri, Ovaaid Akhtar, Pragma Srivastava, Dheeraj Pandey, and Raghvendra Pratap Narayan (2018)</i>	Biodiversity of Medicinal Plants (Accepted), Apple academic press	7731 (HB)		
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Seminars/Conferences/ Symposium

S. No.	Title of the Paper Presented	Title of Conference / Seminar	Organized by	International or national
1	Population dynamics of Azotobacter chroococcum under different degree of agricultural intensification	National Seminar on Impact of Increasing Human Population on Natural Resources	Banaras Hindu University	National
2	Impact of agricultural intensification practice on population size of Azotobacter chroococcum	International Symposium on Microbial Diversity: Challenges, Opportunities and Relevance in New Millennium and Microtech 2004	Rani Durgawati University, Jabalpur	International
3	Effect of land use practices on decomposer microflora of wheat fields of Allahabad	National Seminar on 'New Horizons in Life Sciences'	Government P. G. College, Narsinghpur, (M.P.)	National
4		National Symposium on 'Biodiversity, Conservation and Sustainable Utilization of Bioresources	Iswar Saran Degree College, University of Allahabad, Allahabad	National
5	-----	National Seminar on 'Intellectual Property Rights: Plant Varieties and Genome Conservation	Shyma Prasad Mukherjee Govt Degree College Phaphamau, Allahabad	National
6	-----	International Workshop on 'Frontiers in Nanobiotechnology'	Centre of Biotechnology, University of Allahabad, Allahabad	International
7	Effect of Heavy Metals on growth and development of Azotobacter chroococcum	All India Seminar on 'Advances in Botanical, Biotechnological and Microbiological Researches in India During Last Decade	M. N. Institute of Applied Sciences, University of Bikaner, Bikaner, Rajasthan	National
8	-----	National Seminar of 'Indian Society of Agricultural Chemists'	Sheila Dhar Institute of Soil Sciences Department of Chemistry, University of Allahabad, Allahabad 2006.	National
9	Biodiversity of Nitrogen Fixing Bacteria	National Symposium on 'Biodiversity Assessment, Conservation and	Iswar Saran Degree College, University of Allahabad, Allahabad	National

		Ecoplanning		
10	Effect of different agricultural practices on nitrogen fixing potentiality of <i>Azotobacter chroococcum</i>	National Symposium on 'Emerging Trends of Bioinoculants in Forestry	Tropical Forest Research Institute, Jabalpur	National
11	Efficacy of AM fungi <i>Glomus aggregatum</i> as a biocontrol agent against guava wilt caused by <i>Fusarium oxysporum</i> .	National Symposium on 'Recent Advances in Microbial Biofertilizers, Production and Utilization Technology	Iswar Saran Degree College, University of Allahabad, Allahabad	National
12	Conservation of ground water in agricultural fields: the methods	National Symposium on 'Sustainable Management of Potable Water' 29 th -30 th March, 2008 .	Organized by The Institute of Applied Sciences, Allahabad	National
13	Effect of Agricultural Intensification on Soil Decomposer Microflora	XXXI Annual Conference of Indian Botanical Society: International Symposium on Plant Biology and Environment: Changing Scenario	Department of Botany, University of Allahabad, Allahabad	International
14	Antimicrobial susceptibility pattern of staphylococci to different antimicrobials.	National Seminar on Biotechnology and Microbiology in Human Welfare: The Indian Scenario'	Mody Institute of Technology and Science, Deemed University, Lakshmanagarh, Sikar	National
15	-----	National Symposium on 'Health and Sanitation: Rural Perspective,	The Institute of Applied Sciences, Allahabad	National
16	-----	U.P. State Higher Education Council: Training cum awareness workshop on Quality Assurance in Higher Education and NAAC Accreditation	NAAC Bangalore	National
17	Use of silver nanoparticles along with..... <i>S. mutans</i> .	National Seminar on Advances in LASER, Spectroscopy and Nanomaterials	Nehru Gram Bharti University, Allahabad	National
18	Nitrogen fixing bacteria: a key factor for plant health.	National Symposium on Recent Researches in Physical and Biological sciences	Kamla Nehru Institute of Physical and Social Sciences, Sultanpur and National Academy of Sciences India, Allahabad	National
19	Soil organisms a key factor to soil health	National conference on biodiversity: changing patterns and conservation strategies	Pt Deen Dayal Upadhyay Gorakhpur University, Gorakhpur. (Oral Presentation)	National

20	Effect of green..... nitrogen fixer	International conference on microbial, plant and animal research (ICMPAR, 2012)	FASC, MITS, UNIVERSITY, Lakshmangarh, Sikar	International
21	-----	Workshop on E-learning and Preparation of E-learning materials	University of Lucknow, Lucknow	National
22	Role of youth in preserving biodiversity and in spreading its understanding	National Seminar on Empowerment of Youth: Issues and Challenges	NSCB Govt Girls PG College Aliganj, Lucnow	National
23	Diversity of Arbuscular mycorrhizal fungi in saline – alkaline soils of Gangetic plains of India	National Seminar on Challenges of Changing Scenario of Biodiversity through Ages: Support for Sustainable development	Deen Dayal Upadhyay Government PG College, Saidabad, Allahabad	National
24		National Seminar on Emerging Environmental Concerns and Sustainable Development, on 7 th Feb 2016	Government girls PG College, Bindki, Fatehpur	National
25		Seminar/ Awareness workshop, skill development and quality enhancement in higher education.	Department of higher education, Govt. of Uttar Pradesh, UP state council of higher education	State
26	Management of Belowground Biodiversity can be Beneficial for the Farmers in Current Scenario	National Seminar on Role of Agriculture in the Development of Rural India: Its challenges and possibilities in 21 st century	Government Degree College, Pihani, Hardoi	National
27	Microbial (biofertilizer) inputs and its effect on productivity of crops.	National Conference on Role of Science and Technology in Socio-Economic Development,	Dr B R Ambedkar Government Degree College, Mainpuri,	National
28		One day workshop on plant collection and herbarium techniques	Department of Botany, Shri Jai Narain Post Graduate College, Lucknow and NBRI, Lucknow.	-----
29	Pioneers of Science and Technology Education in India: Women perspective	National Seminar on Higher Education in India vision 2030 with special reference to sustainable development	Maharaja Bijli Pasi PG College, Ashiyana Lucknow	National
30	Solar Energy: A potential and Efficient Green Energy to Electrify Rural India	National Seminar on Global Environment and Sustainable Development: Issues and Challenges	Government Girls PG College Bindki	National
31	Agricultural Practices: One of the Most Important Ecological Disaster for the Below Ground Biodiversity.	National Conference on Ecological Imbalances: A threat to Flora, Fauna, Economy and Human Survival (EITFES 2017)	Government PG College, Saidabad, NESI, Delhi, Society of Life Science, Satna.	National

Guest Speaker/Keynote Speaker/Resource person/ Chairperson of the Session in Seminar or Conference.

S. No.	Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized by	Whether international/ national	Chaired/ Invited Talk/ Resource Person
1	Methods for Environmental Upgradation	National Seminar on Swachh Bharat Campaign 2014	Government Degree College , Bindki	National	Invited
2	Environmental Pollution and Diseases	National Seminar on Emerging Environmental Concerns and Public health	SMP Govt. Girls PG College, Madhavpuram, Meerut	National	Resource Person
3	Ecological Components and Conservation	National Seminar on Global Environment and Sustainable Development: Issues and Challenges	Government Degree College , Bindki	National	Resource Person

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