




## Faculty Profile on University Website

[www.mjpru.ac.in](http://www.mjpru.ac.in)

<b>Title</b>	<b>Prof./Dr./Mr ./Ms.</b>	<b>First Name</b>	Dr. Jagat Narayan	<b>Last Name</b>	Maurya	<b>Photograph</b> 
<b>Designation</b>		Professor				
<b>Department</b>		Department of Plant Science				
<b>Address</b>	<b>Campus</b>	Type- IV, D-04, Professor Colony M.J.P. Rohilkhand University, Bareilly				
	<b>Residence</b>	Type- IV, D-04, Professor Colony M.J.P. Rohilkhand University, Bareilly				
<b>Mobile No.</b>		09897108929				
<b>Email ID</b>		Personal	jagatmjpru@rediffmail.com			
		University Domain	<a href="mailto:jinmaurya@mjpru.ac.in">jinmaurya@mjpru.ac. in</a>			
<b>Professional Networking ID, i.e. LinkedIn, Twitter etc.</b>		NA				
<b>Educational Qualifications (Graduation Onwards)</b>						
Course/Degree	Institution	Year	Subjects	Division		
B.Sc.	B.H.U. Varanasi	1988	Botany, Zoology, Chemistry	Ist		
M.Sc.	B.H.U. Varanasi	1990	Botany	Ist		
CSIR-NET		1993				
Ph.D.	B.H.U. Varanasi	2001	Study on photosynthetic behavior of a desiccation tolerant cyanobacterium Scytonema geitleri under water stress			
<b>Career Profile</b>						
Organization/Institution		Designation	Duration	Nature of Duties		
MJP	Rohilkhand University Bareilly	Asst. Professor	03.03.1998	Teaching & Research		
MJP	Rohilkhand University Bareilly	Asso. Professor	03.03.2010	Teaching & Research		
MJP	Rohilkhand University Bareilly	Professor	03.03.2013	Teaching & Research		
<b>Research Interests/Specialization</b>						
Plant Physiology/Stress Physiology						
<b>Research Experience in Years : 18 Yrs</b>						
<b>No of Research Scholars Successfully Guided</b>						

Name of Programme		Awarded			Under Supervision			
Ph.D.		05			J. N. Maurya			
M.Phil.								
Desertation (M.Ed. / M.A.)								
Researcher/ Expert ID	Scopus	Orcid	Publons		Vidwan	Google Scholar		
			AAX-7900-2020 <a href="mailto:jnmaurya@mjpru.ac.in">jnmaurya@mjpru.ac.in</a>			J N Maurya <a href="mailto:jnmaurya@mjpru.ac.in">jnmaurya@mjpru.ac.in</a>		
<b>Teaching Expeirnece (Subjects/Courses Taught)</b>								
20 Yrs. (P.G.)								
Cell Biology, Mol. Biology, Transgenics								
<b>Honours / Awards &amp; Fellowship FOR OUTSTANDING WORK</b>								
Name of Award/ Fellowship		Awarded By						
		Name of Governmental Agency	Name of Government Supported Organization/ Department			Name of International Recognized Body		
Fellow						Indian Botanical society		
Executive Councillor						Indian Botanical society		
<b>Publications / Awards &amp; Academic Activities (Numbers Only)</b>								
Books & Monographs (Single Author )		Research Papers Published in Internation al Journals	<b>13</b>	Papers Presented in Seminars/ Conference s	<b>03</b>	Seminars / Conferen ces Organize d	Research Projects (Comple ted)	<b>No</b>
Books (Co- author ed)		Research Papers Published in Other Journals	<b>11</b>	Seminar/ Conference s Attended	<b>14</b>	Worksho ps Organize d	02 Research Projects (Ongoing)	<b>No</b>
Books (Edited )		Articles Published in Popular Fora, e.g., Websites, Blogs		Sessions Chaired in Seminars/ Conference s	<b>02 In IBS</b>	Members hip of Academic / Professio nal Bodies	02 Foreign Countries Visited for Academic Assignme nts	<b>No</b>
Chapte rs in Edited Books	<b>03</b>	Newspaper s, Magazines etc.		Resource Lectures Delivered	<b>01 Ph.D Course work</b>			
<b>Details of Publications/ Academic Acativities (2010 Onwards)</b>								
<b>(a) Authored Books/ Monographs</b>								
Name of	Year of Publication			Publisher		ISBN No		

Book					
<b>(b) Edited Books</b>					
Year of Publication	Title	Publisher	ISBN	DOI No.	Citations
<b>(c) Papers Published in UGC Care Listed/ Indexed/Peer Reviewed Journals</b>					
Year of Publication	Title	Name of Journal	ISSN No	Citations	Impact Factor
2014	Maurya,S. S., <b>Maurya, J. N.</b> and Pandey, V.D. Factors regulating phycobiliprotein production in cyanobacteria.	<i>Int. J. Curr. Microbiol. App. Sc.</i> 3(5) 764-771i	2319-7706	16	Indexed Copernicus
2014	Maurya, S. S.,Pandey, V.D. <b>and Maurya, J.N.</b> Biomass, biochemical composition and Phycobiliprotein content of some cyanobacteria isolated from different high altitude habitats of Uttarakhand	<i>Plant Archives</i> 14(1): 43-50	0972-5210		SJR (Scimago Journal & Country Rank)-0.12
2014	Maurya, S. S., Pandey, V.D .and <b>Maurya, J. N.</b> Optimization of phycobiliprotein production in some cyanobacteria isolated from high altitude habitats of Uttarakhand	<i>Biochem. Cell. Arch.</i> 14(1): 101-107	0972-5075		UGC Listed 2017 but Not Now SJR - 0.102 Scopus IF 0.03
2013	<b>Maurya, J. N.</b> Proteins and Lipids of Thylakoid Membranes in a Desiccation Tolerant Cyanobacterium <i>Scytonema geitleri</i> on Rehydration and Dehydration	<i>Plant Archives</i> 13(1)435-442	0972-5210		SJR (Scimago Journal & Country Rank)-0.12
2013	<i>Ram Kumar Sagar, Chandra Shekhar Kumar, Alka Singh and J. N. Maurya.</i> Variation in Physical and Biochemical Characteristics of Wheat Plants Treated with Sewage water and Plant growth Regulators	<i>Nature and Science</i> 11(6): 129-135	1545-0740	4	
2013	Vineeta A., Senger, R. S., <b>Maurya J. N.</b> , Srivastav, A., and Garg, S. K.: Role and Regulation of Enzymes of Ammonium Assimilation in Higher Plants. Review Article.	<i>Life Sciences Leaflets</i> 2: 48-67.	2277-4297		
2012	Maurya, J. N : Chlorophyll Fluorescence and Photosystem II	<i>Biochem. Cell. Arch.</i>	0972-5075		UGC Listed 2017 but

	Photochemistry of Desiccation Tolerant Cyanobacterium <i>Scytonema geitleri</i> on Re-hydration and De-hydration	12(2):261-271			Not Now SJR - 0.102 Scopus IF 0.03
2012	Gangwar, S., Singh, V.P., Prasad, S.M., <b>Maurya, J.N.</b> : Exogenous application of indole acetic acid differently modulates hexavalent chromium tolerance in <i>Pisum sativum</i> L. seedlings	<i>Bulletin of Environmental and Scientific Research</i> , 1:25-34.	2278-5205	6	
2012	Kumar Chandra Shekhar, Singh Alka, Sagar R.K., Negi M.P.S. and <b>Maurya J.N.</b> Impact of Exogenous Application of Indole Acetic Acid on Accumulation of Heavy Metal and Antioxidants in Wheat ( <i>Triticum aestivum</i> L.) under Sewage Water Irrigation	<i>Recent Research in Science and Technology</i> 4(7):16-22.	2076-5061	4	Indexed
2012	Kumar Chandra Shekhar, Singh Alka, Sagar R.K., Negi M.P.S. and <b>Maurya J.N.</b> Study of Indole Acetic Acid and Antioxidant Defense System of Wheat Grown under Sewage Water	<i>International Journal of Environmental Sciences</i> 3(2): 821-832.	0976-4402	7	Index copernicus
2012	Sagar R.K., Chandra Shekhar Kumar, Singh Alka, and <b>Maurya J.N.</b> Study of Physical Parameters and Productivity of Wheat Irrigated with Sewage Water under IAA Application	<i>International Journal of Plant Protection</i> 5(2): 218-221.	0974-2670		NAAS 3.3
2012	Gurfan Khan, M., Senger, R.S., Gautam I. K., <b>Maurya, J.N.</b> Biotechnology: A novel Tool to Sustain Agriculture Productivity in Saline Environment. Review article	<i>Life Science Feed</i> , 1; 17-21.	2319-8877		
2011	Gangwar, S., Singh, V.P., Garg, S.K., Prasad, S.M., <b>Maurya, J.N.</b> Kinetin supplementation modifies chromium (VI) induced alterations in growth and ammonium assimilation in pea seedlings	<i>Biological Trace Element Research</i> 144:1327-1343	0163-4984 DOI 10.1007/s12011-011-9157-z	7	SCI IF 2.639
2011	Gangwar, S., Singh, V.P., Maurya, J.N. Responses of <i>Pisum sativum</i> L. to exogenous indole acetic acid application under manganese	<i>Bulletin of Environmental Contamination and Toxicology</i> 86,: 605-609	1432-0800 DOI 10.1007/s00128-011-0278-z	14	SCI IF 1.657

	toxicity				
2011	Gangwar, S., Singh, V.P., Srivastava, P.K., <b>Maurya, J.N.</b> Modification of chromium (VI) phytotoxicity by exogenous gibberellic acid application in <i>Pisum sativum</i> (L.) seedlings	<i>Acta Physiologiae Plantarum</i> 33, 1385-1397.	0137-5881 DOI 10.1007/s11738-010-0672-x	62	SCI IF 1.760
2011	Gangwar, S., Singh, V.P., Prasad, S.M., <b>Maurya, J.N.</b> Differential responses of pea seedlings to indole acetic acid under manganese toxicity.	<i>Acta Physiologiae Plantarum</i> 33, 451-462.	0137-5881 DOI 10.1007/s11738-010-0565-z	25	SCI IF 1.760
2011	Kumar Chandra Shekhar, Singh Alka, Sagar R.K. and <b>Maurya J.N.</b> Effect of Indole Acetic Acid on Wheat ( <i>Triticum aestivum</i> L.) Irrigated with Sewage Water	<i>Journal of Phytology</i> 3(8):8-11)	2075-6240	7	Scopus 0.03
2010	Gangwar, S., Singh, V.P., Prasad, S.M., <b>Maurya, J.N.</b> Modulation of manganese toxicity in <i>Pisum sativum</i> L. seedlings by kinetin	<i>Scientia Horticulturae</i> , 126, 467-474	0304-4238  DOI 10.1016/j.scienta.2010.08.013	44	SCI IF 2.769
2010	Gangwar, S., Singh, V.P., Prasad, S.M., <b>Maurya, J.N.</b> Impact of gibberellic acid on growth and antioxidant defense mechanism in pea seedlings subjected to manganese phytotoxicity	<i>Biochemical and Cellular Archives</i> 10(1), 13-20.	0972-5075	2	UGC care listed

#### (d) Chapter/Paper Published in Edited Books

Publication	Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN DOI	Citation /Google /Web of Science
Savita Gangwar, Vijay Pratap Singh, Durgesh Kumar Tripathi, Devendra Kumar Chauhan, Sheo Mohan Prasad and <b>Jagat Narayan Maurya</b>	<i>EMERGING TECHNOLOGIES AND MANAGEMENT OF CROP STRESS TOLERANCE</i>  <i>VOLUME II- Elsevier Inc. USA</i>	Plant Responses to Metal Stress: Emerging Role of Plant Growth Hormones (Auxins, Gibberellins and Cytokinins) in toxicity alleviation	<i>Chapter 10 In: Parvaiz Ahmad (Eds.) International</i>	2014	DOI: <a href="http://dx.doi.org/10.1016/B978-0-12-800875-1.00010-7">http://dx.doi.org/10.1016/B978-0-12-800875-1.00010-7</a>	36
Durgesh Kumar Tripathi, Vijay Pratap Singh, Savita Gangwar,	<i>Improvement of Crops in the Era of Climatic Changes:</i>	Role of Silicon in Enrichment of Plant Nutrients and	<i>In P. Ahmad et al. (eds.)</i>	2014	DOI: 10.1007/978-1-4614-	57

Sheo Mohan Prasad, Jagat Narayan Maurya and Devendra Kumar Chauhan	<i>Volume I. Springer Science + Business Media New York 2014.</i>	Protection from Biotic and Abiotic Stresses			8830-9_2	
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**(e) Invited as Resource Lectures Person/ Examiner/Expert**

Resource Person	Detail of Event	Title of Lecture	Date	Institution
J. N. Maurya	Ph. D. Course Work	Review of literature and Material & Methods	2019	M. J. P Rohilkhand University
J. N. Maurya	Answer Key Preparation	PCS- General Paper	2018	Public Service Commission, U P.
J. N. Maurya	Theory paper Examiner	Paper Environment-Forest Ranger Exam	2019	Public Service Commission, U P.
J. N. Maurya	Expert	Poster presentation	2018	XXXXI All Indian botanical conference held at Deptt. of Botany, Jiwaji University Gwalior on 10-12 Nov 2018.
J. N. Maurya	Expert	Poster presentation	2019	XXXXII All India Botanical conference held at Deptt. of Botany, Calicut University, Calicut, Kerla on 7-9 Nov 2019.
J. N. Maurya	Chaired Session	Oral Presentation	2019	XXXXII All India Botanical conference held at Deptt. of Botany, Calicut University, Calicut, Kerla on 7-9 Nov 2019.
J. N. Maurya	Chaired Session	Oral Presentation	2017	XXXX All India Botanical Conference held at Department of Botany, Punjabi University, Patiala (Punjab) on 15 <sup>th</sup> – 17 <sup>th</sup> Sep., 2017.

**(f) Seminars/Conferences/Workshops Attended**

- XXXXVII All Indian Botanical Conference held at NBRI, Lucknow on 19-21 Mar 2021.
- XXXXII All Indian Botanical conference held at Deptt. of Botany, Calicut University Calicut Kerla on 7-9 Nov 2019.**Expert poster presentation and Chaired session**
- XXXXI All Indian botanical conference held at Deptt. of Botany, Jiwaji University Gwalior on 10-12 Nov 2018.**Chaired session**
- XXXX All India Botanical Conference held at Department of Botany, Punjabi University, Patiala (Punjab) on 15<sup>th</sup> – 17<sup>th</sup> Sep., 2017.**(Chaired session)**
- XXXVIII All India Botanical Conference held at Department of Botany, University of Rajasthan, Jaipur on 26<sup>th</sup> -28<sup>th</sup> Oct., 2015.
- Workshop on “NAAC Assessment & Accreditation of Higher Education Institution: Revised Process, Parameters & Indications”. Organized by Internal

- Quality Assurance Cell, MJP Rohilkhand University, Bareilly. Participated and contributed towards Smooth conduction. 02-03, 2017.
7. Symposium on Biotechnology and Stress Biology of Algae and Cyanobacteria. Organized by Centre of Advanced Study in Botany. B.H.U. Varanasi- 221005, India. February 24-26, 2014.
  8. National Seminar on "Organic Farming for Sustainable Agriculture (OFSA). Department of Animal Science, M.J.P. Rohilkhand University, Bareilly. March 10-12, 2014.
  9. 100<sup>th</sup> Indian Science Congress, held at Calcutta University, Calcutta, from January 3 to 7, 2013.
  10. XXXVI All India Botanical Conference of the Indian Botanical Society on "Plant Wealth and Human Welfare". October 18-20, 2013.
  11. XXXIV All India Botanical Conference: Organized by Department of Botany, University of Lucknow, Lucknow. October 10-12, 2011.
  12. International Symposium on Phycological Research, Organized by Centre of Advanced Study in Botany. B.H.U. Varanasi- 221005, India. February 25-27, 2010.
  13. XXXIII Conference of Indian Botanical Society and International Symposium on the New Horizons of Botany. Organized by Shivaji University, Kolaphur. 10<sup>th</sup>- 12<sup>th</sup> Nov. 2010.
  14. National seminar on "Management of Environmental Pollution for Sustainable Energy Production". Organized by Department of Plant Science, M.J.P. Rohilkhand University, Bareilly. 10-11 April 2010.
  15. XXXII All India Botanical Conference and International Symposium on "Diversity of Plants and Microbes: Present Scenario". Organized by Kuvempu University, Shankaraghatta, 28-30 December 2009.
  16. International symposium on phycological research. Feb. 25-27, 2010. Centre of Advance Study in Botany, B.H.U., Varanasi, India.
  17. National Seminar on "New strides in Microbiology, Biochemistry, Biotechnology & Agriculture Science". Organized by Doon (PG) Colloge & Hospital & Doon (PG) College of Agriculture Science & Technology, Chakrata Road, Dehradun (UA), India, 3-4 February 2007.
  18. International Conference on Applied Phycology "Algae in Biotechnology and Environment". February 14-15, 2006, Organized by Department of Botany University of Delhi, Delhi.
  19. National Conference on Advancing Frontiers in Biotechnology for Sustainable Agriculture and Health. Organized by Society for Plant Research, Department of Biotechnology, Bareilly College, Bareilly. April 28-29, 2005. Sponsored by: UGC and CSIR, New Delhi.
  20. Patent awareness Workshop. Sponsored by CST, UP and DST, New Delhi. Organized by Dept. Of Plant Science, MJP Rohilkhand University, Bareilly. 27 November, 2002.

**(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)- Nil**

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till
2021	Influence of Exogenous Plant growth Regulators on Growth and Antioxidant Defense System of Stevis ( <i>Stevia</i>	Research & Development Project U.P. Govt.	5.0 Lac		

	<i>rebaudiana</i> ) Grown under Sewage Water Irrigation.				
<b>(h) Administrative Positions/ Assignments Held</b>					
<b>Post</b>	<b>Organization</b>	<b>Duration</b>			
		<b>From</b>	<b>To</b>		
Assistant Proctor	MJP Rohilkhand University, Bareilly	2005	Continue		
Incharge	MJP Rohilkhand University, Bareilly <b>Campus development</b>	2017	Continue		
<b>(i) Seminar/Conference Presentations</b>					
<ol style="list-style-type: none"> <li>1. Symposium on Biotechnology and Stress Biology of Algae and Cyanobacteria. Organized by Centre of Advanced Study in Botany. B.H.U. Varanasi- 221005, India. February 24-26, 2014. ( Poster presentation)</li> <li>2. International Symposium on Phycological Research, Organized by Centre of Advanced Study in Botany. B.H.U. Varanasi- 221005, India. February 25-27, 2010. ( Poster presentation)</li> <li>3. XXXIII Conference of Indian Botanical Society and International Symposium on the New Horizons of Botany. Organized by Shivaji University, Kolaphur. 10<sup>th</sup>- 12<sup>th</sup> Nov. 2010. (Poster presentation)</li> <li>4. National seminar on "Management of Environmental Pollution for Sustainable Energy Production". Organized by Department of Plant Science, M.J.P. Rohilkhand University, Bareilly. 10-11 April 2010. (Presentation)</li> <li>5. International symposium on phycological research. Feb. 25-27, 2010. Centre of Advance Study in Botany, B.H.U., Varanasi, India. (Poster Presentation).</li> <li>6. National Seminar on "New strides in Microbiology, Biochemistry, Biotechnology &amp; Agriculture Science". Organized by Doon (PG) Colloge &amp; Hospital &amp; Doon (PG) College of Agriculture Science &amp; Technology, Chakrata Road, Dehradun (UA), India, 3-4 February 2007. (Paper Presentation)</li> </ol>					
<b>7. Membership of Academic/Professional Bodies</b>					
<ol style="list-style-type: none"> <li>I. Life member of Indian Botanical Society</li> <li>II. Member of 'Editorial Board' of Proceeding of National Symposium on "Biosciences: Advances, Impacts and Relevance" published by Dep't of Plant Science, MJPRU.</li> </ol>					
<b>8. Participation in Community Service / Exchange Programme / Consulting Activity</b>					
<b>9. International Academic Exposure- No</b>					
<b>10. Any Other Details</b>					
<b><i>In Examination/Evaluation</i></b>					
<ol style="list-style-type: none"> <li>1. Member of M.Sc., B.Ed, M. Ed. L.L.B, counselling committee every year.</li> <li>2. Observer M.Sc., M. Ed. L.L.B, B.Ed. entrance examinations almost every year.</li> <li>3. Assistant Co-ordinator in Central Evaluations in 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014</li> </ol>					



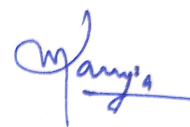
4. Coordinator, Central Evaluation, BBA, BCA, LL.B 2014, 2015, 2016, 2017, 2018, 2019.

***In Sports:***

1. Observer various university sports tournaments
2. Organizing secretary various intercollegiate sports tournaments.
3. Manager of MJPRU Table Tennis (M); Handball (Women); Cricket (Women); Badminton (Women) Swimming (Men) and Athletics (Men) etc. for participation in Zonal/All India Inter University Tournaments.
4. Co-organizing Secretary of North-Zone Inter University Volleyball (Men) Tournament in 2007
5. Co-organizing secretary North-East Zone Inter University Volleyball (Women) Tournament in 2008
6. Co-organizing secretary NEZ Women Tennis tournament Oct. 5-9, 2009
7. Member organizing committee NZ Men/Women Table Tennis tournament 2009
8. Member organizing committee for NZ Interuniversity Basketball Tournament 2011.
9. Member organizing committee for NZ Interuniversity Hockey (W) Tournament 2012.
10. Member organizing committee for NZ Interuniversity M/W Tournament 2013, 2014, 2015, 2017, 2018, 2019.

***Other Committees:***

1. Member reception committee U.G.C. visiting team
2. Member Organizing committee Youth festival (2005 – 2010)
3. Member discipline committee International Educational Festival 2009
4. Restructuring of syllabus of microbiology and biotechnology 2009, 2010
5. Member organizing committee: Seminar on "Harmful effects of drugs /alcohol/smoking 2010
6. Member of Organizing Committee for Foundation Day Celebrations every year
7. Convenor Robing Tent: VII<sup>th</sup> Convocation 2010
8. Member organizing committee Convocations, 2011, 2012, 2013, 2014, 2015, 2015, 2016.
9. Convenor Convocations 2017, 2018 and 2019



Signature of Faculty Member