


CURRICULAM VITAE

Name	Dr. Roshni Rajamohan Mathur			
Designation	Assistant Professor (Sr. Scale.)			
Department	Botany	DOB- 03/02/1975		
Address (Office)	Deshbandhu College Department of Botany (University of Delhi) Kalkaji, New Delhi 110019			
Address (Residence)	Flat No.5, 194-A/II, Udaya Apartments Ward No. 2, Mehrauli, New Delhi-110030.			
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Qualification	M.Sc., B.Ed., Ph. D			
Degree	University	Year	Details	
Ph.D.	University of Delhi, Delhi	2015	Plant Systematics	
PG	Calicut University, Kerala	1997	M.Sc. Botany	
B.Ed.	Calicut University, Kerala	1998	Natural Science	
UG	Calicut University, Kerala	1995	B. Sc. Botany	
Any other qualification	CSIR NET Qualified with JRF	1997	Natural Science	
Career Profile				
<ol style="list-style-type: none"> 1. Guest Lecturer- Victoria College , Calicut University (PG classes) June 1998- Jan 2000 2. P.G.T. Biology, Kendriya Vidyalaya Sangathan (XI-XII classes) Jan 2000 to Oct. 2002 3. Assistant Professor, Deshbandhu College, (UG classes) Oct-2002- till date 				
Teaching Experience				
Total Teaching Experience – 20 Years				
Areas of Interest/Specialization				

Angiosperm Taxonomy; Systematics of Asteraceae, Cucurbitaceae, Fabaceae; Ethnobotany	
Courses/Subjects Taught at various levels:	
M.Sc. Botany	1. Govt. Vicoria College, Palakkad (Calicut University, Kerala) - 1998-2000 (Visiting Faculty)- Plant Taxonomy, Crop Improvement, Plant Physiology 2. Department of Botany, University of Delhi – 2019 (Visiting Faculty)- Special Paper- Advanced Plant Systematics
B.Sc. Botany Honours	(Annual Mode, CBCS, FYUP) - I, II & III Yr courses 2002- till date (Permanent Faculty) -Plant Systematics, Plant Physiology, Cell Biology Environmental Sciences, Microbiology, Mycology
B. Sc. Zoology (H)	Subsidiary Papers (Annual Mode)) I & II Yr Generic Elective (CBCS) I & II Yr
Publication Details	
Research Papers	1. Mathur, R.R. & Pandey, A.K. 2020. Development and Structure of Phytomelanin in Coreopsidae (Asteraceae). <i>The International Journal of Plant Reproductive Biology</i> 12(1) 84-94. 2. Pandey, A.K., Stuessy, T.F. & Mathur, R.R. 2014. Phytomelanin and Systematics of Heliantheae Alliance (Compositae). <i>Plant Diversity and Evolution</i> 131: 145-165. 3. Sanglakpam, P., Mathur, R. R. & Pandey, A. K. 2012. Ethnobotany of Chothe tribe of Bishnupur (Manipur). <i>Indian Journal of Natural Products and Resources</i> . 3(3): 414-425.
Review Articles	Pandey,A.K., Dwivedi, M.D. & Mathur, R.R. 2014. Embryology of Cucurbitaceae and circumscription of Cucurbitales: A review. <i>The International Journal of Plant Reproductive Biology</i> 6 (1): 75-98.
Chapters in Books	Rajamohan, R. (2007). Ethnic Knowledge and Biodiversity Conservation (Chapter-8). In: Prithipal Singh (Ed.) “ <i>Biodiversity, Conservation and Systematics</i> ” (pp 127-140). Jodhpur, Pawan Kumar Scientific Publishers (India). ISBN: 81-7233-464-8.

<p>Abstracts</p>	<ol style="list-style-type: none"> 1. Mathur, R.R & Pandey, A. K . Systematic and evolutionary significance of Phytomelanin in Coreopsidae (Asteraceae). In: Proceedings of the 103rd Indian Science Congress(Plant Science Section/ Angiosperms Taxonomy); 2016 3-7 January 2016; University of Mysore , Mysore .ISCA-2016. 2. Mathur, R.R & Pandey, A. K. Cypselar anatomy in the tribe Bahieae. In: Proceedings of the 102nd Indian Science Congress(Plant Science Section/ Angiosperms : Taxonomy& Ethnobotany). 2015 3-7 January . University of Mumbai, Mumbai. Abstract No. 65, p: 154.
<p>Training Programmes conducted</p>	<p>Organized a one-week summer-training programme in Techniques in Plant Systematics at Deshbandhu College in collaboration with NBPGR & BGIR, 31 March – 06 June, 2019.</p>
<p>Service Training Programmes Attended</p>	
<p>Refresher Course</p>	<ol style="list-style-type: none"> 1. UGC sponsored 3-week Refresher Course in Environmental Studies. Organized by UGC-ASC, CPDHE, University of Delhi. January 17- February 28, 2005. 2. UGC sponsored 3-week Refresher Course in Life Science. Organized by UGC-ASC, CPDHE, University of Delhi., December 9- 30, 2014. 3. Science Academies’ Refresher Course on Plant Taxonomy and Ethnobotany, organized by MD University, Rohtak, (Sponsored by Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi and The National Academy of Sciences India, Allahabad) 8-22 October, 2018. 4. UGC-HRDC Sponsored 2-weeks Refresher Course in Life Sciences organized by the CPDHE (UGC-HRDC), University of Delhi, from June 28- July 11, 2019.
<p>Faculty Development Programme</p>	<ol style="list-style-type: none"> 1. UGC-HRDC Sponsored 1-week Professional Development Programme for Senior Faculty organized by the UGC-HRDC, Jamia Millia Islamia, New Delhi from 24-31 December, 2018.

<p>Orientation Course</p>	<ol style="list-style-type: none"> 2. MHRD sponsored 2-day Faculty Development Programme organized by Mahatma Hansraj Faculty Development Centre under PMMMMNMTT on Agriculture, Health & Society at Hansraj College, University of Delhi on from 15-16 March, 2019 1. UGC-ASC sponsored 4- week Orientation course from 28 December 28-January 24, 2007.
<p>Conferences/ Seminars/ Symposia / Workshops attended</p>	
<p>Conferences</p>	<p>International Conferences</p> <ol style="list-style-type: none"> 1. International Conference on Natural Products and Human Health held at Conference Centre, University of Delhi, 27-29 February, 2020. 2. 3. “XXVII Annual Conference of Indian Association for Angiosperm Taxonomy and Challenges & International Symposium on Plant Systematics: Priorities and Challenges, held at University of Delhi, November, 2017. 4. International Conference on “ Self, World and Mortality: Schopenhauer and Indian Philosophy with a special reference to the Upanishads (Oupnek’hat)” organized jointly by Deshbandhu College, JNU and International Schopenhauer Society, Germany, 23-25 February, 2015. 5. International Conference on “Emerging trends of Nanotechnology in Drug Discovery” organized in association with CQM, University of Madeira, Portugal. by Sri Venkateshwara College, Delhi University & Deptt. Of Biochemistry, USDC India 26-27 May, 2014. 6. International symposium on Taxonomy, Plant Diversity and conservation, Indian Association for Angiosperm Taxonomy, at Bharathiar University, Coimbatore, Tamil Nadu, 26-28 November, 2010. <p>National Conferences</p>

	<p>7. Participated in “National Conference on Trends in Nanobiotechnology” organized by TERI University, New Delhi, 28 September, 2017.</p>
<p>Symposia</p>	<p>International</p> <ol style="list-style-type: none"> 1. Participated in “International Symposium on Plant Signaling and Behaviour” organized by Society for Plant Signaling and Behaviour, held at University of Delhi. 7-10 March, 2014. 2. XXth Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on Taxonomy, Plant Diversity and Conservation. Bharathiar University, Coimbatore, Tamil Nadu. 26-28 November, 2010. 3. International conference on "Restoring culture of ethics and values: The holistic education way"- New Delhi, 8-10 Feb, 2012. <p>National</p> <ol style="list-style-type: none"> 4. Participated in “National Symposium on Vector Biology and Vector Management” organized by Deshbandhu College, 12 February, 2015. 5. Participated as Organizing Committee member in conducting “Fourth National Symposium on Environment: Green Technology for Environmental Sustainability” organized by Deshbandhu College 25, September, 2018. 6. Participated in 2-day Symposium on “Avenues in Plant Sciences: A Hope For Sustainable Future” organized by Botany Department, Deshbandhu College, University of Delhi, from 8-9 March, 2019. 7. Participated in National Conference on “<i>Biotechnology for Sustainable Agriculture- BIOTIKOS 2019</i>” organized by TERI School of Advanced Studies, New Delhi on 17 April, 2019. 8. Participated in the First National Conference on “<i>Neglected and Underutilized Crop Species for food, Nutrition, Energy and</i>

	<p><i>Environment</i>” organized by National Institute of Plant Genome Research, New Delhi on 2 August, 2019.</p> <p>9. Participated as Member, Organizing Committee in conducting the National Conference on <i>“Insect-Plant Biology in 21st Century”</i> organized by Deshbandhu College (DU), New Delhi from 4 -5 November, 2019.</p>
<p>Seminars</p>	<ol style="list-style-type: none"> 1. Stakeholder's Consultation & Launch of UNDB for Asia & Pacific, Ministry of Environment and Forests, Government of India, New Delhi, 23 May 2011. 2. Evolutionary biology: 150 years of progress, by Prof. Douglas J Futuyama at INSA, New Delhi, 12 April, 2013. 3. Participated in the “1st Knowledge Conclave for Colleges and Universities” organized by Centre for Science and Environment, New Delhi, 28-29 January, 2016.
<p>Workshops</p>	<ol style="list-style-type: none"> 1. Training Workshop on “Plant Tissue Culture: A valuable tool in Crop Improvement”. TERI, New Delhi. 13-25 November, 2006. 2. “Partners in Learning Teacher Training Program”, April 20-24, 2009. ILLL & Microsoft under Project Siksha. 3. “Evolutionary perspectives in modern biological teaching and research”. Organized by ILLL, Centre for Science Education and Communication & ANDC, University of Delhi. 9-10 May, 2011 at Academic Research Centre, University of Delhi. 4. Participated in the “Training the Trainers: IPR Workshop” organized at Miranda College in collaboration with MHRD IPR Chair (Technical), University of Delhi, 26 January, 2016. 5. Participated in Indo-Portugese Workshop on “Emerging trends of Nanotechnology in Chemistry and Biology” organized in association with CQM, University of Madeira, Portugal by Hansraj College, Deshbandhu College, University of Delhi, 12-13 February, 2016.

	<p>6. Participated in the “National workshop on Medicinal Botany and Drug Discovery” organized by Ramjas College, University of Delhi, 30-31, January, 2017</p> <p>7. Participated in the Regional Workshop on Research Based Pedagogical Tools organized by UGC-MHRDC, Kumaon University, Nainital, Uttarakhand from 31st July – 2nd August 2018.</p> <p>8. Participated in Workshop on Recent Trends in Plant Systematics and Future Prospects organized by the Department of Botany, Dyal Singh College, University of Delhi, New on 12 March, 2019.</p>
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Administrative Assignments

1. Member, Committee of Courses and Studies for Hon./Postgraduate/Research and Undergraduate 3 yrs, FYUP Restructured-course from Undergraduate to 3Yrs & CBCS Life Sc. and Undergraduate Prog. in Botany, University of Delhi, **2016- 2018**
2. Teacher- In- Charge, Department of Botany, **January 2015-Dec 2016**
3. Nodal Officer for Foreign Students, Deshbandhu College- **December 2018 –**
4. Member, University Annual Flower Show Committee, University of Delhi **2017-18, 2018-19, 2019-2020**
5. Co-Convenor, Admission, B. Sc. Programme in Life Science **2017-18**
6. Convener, Garden Committee, **2019-2020**
7. Member, AWP Committee, **2015-16, 2016-17**
8. Liaison Officer, Deshbandhu College, **2008-2010**
9. Member, Workload Committee for Laboratory Staff, **2015**
10. Convenor, Scrutiny of application forms for Assistant Professors in Deptt. of Botany, **2016.**
11. Member, Development Committee, DBC, **2008-2009**
12. Member, Building and Furniture Committee, **2014-15**
13. Member, Union Advisory Committee, **2014-15**
14. Member, Purchase Committee, **2016-17**
15. Member Financial Assistance Committee, **2016-17**
16. Member, Garden Committee, DBC- **2006, 2007, 2008, 2015-16**
17. Member/Convenor in various committees over the years during the college annual function Sabrang.

