


## Profile of the Faculty Member

### BOTANY/SCLS

1.	Name of the Faculty member	Shahid Umar	
2.	Designation	Professor	
3.	Qualifications	M.Sc., M.Phil., Ph.D.	
4.	State of Domicile	Uttar Pradesh	
5.	Department & School	Department of Botany, School of Chemical & Life Sciences	
6.	Details of Courses taught	MSc I & III Semester-Plant Physiology, Plant Biochemistry and Metabolism, Tools and Techniques in Biology MSc IV Semester-Plant Diversity, Resource Utilization and Conservation B.Sc. V Semester-Plant Metabolism, Stress Biology	
7.	Research Thrust Areas	<ul style="list-style-type: none"> <li>• Identification of strategies for developing abiotic stress tolerant crops through modulation of tolerance mechanism at both physiological and molecular levels (stress physiology)</li> <li>• Deciphering the importance of nitrogen metabolism in cereals and leafy vegetables (nitrate toxicity)</li> <li>• Focusing on enhancing the nitrogen use efficiency and developing a synergism between primary nutrient and growth under varied environmental conditions (crop nutrition).</li> </ul>	
8.	Emails	sumer@jamiyahamdard.ac.in s_umar9@hotmail.com	
<b>PUBLICATIONS</b>			
9.	Publications in peer reviewed National & International journals, Citations, H-index	For Publications Profile view at:  <b>Google Scholar:</b> <a href="https://scholar.google.com/citations?hl=en&amp;user=Kwcx5h0AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Kwcx5h0AAAAJ</a>  <b>Scopus Author ID:</b> 6701714010  <b>ORCID:</b> <a href="https://orcid.org/0000-0003-0528-4762">https://orcid.org/0000-0003-0528-4762</a>	

<b>BOOKS &amp; BOOK CHAPTERS PUBLISHED</b>		
10.	Number of books published by National publisher	03 Studium Press, I.K. Publishing House
11.	Number of books published by international publisher	06 Springer, CRC Press, Lambert
12.	Number of Book Chapters in Edited books of National Publishers	11 (Springer India, IK International Publishing House, IK International Publishing House, New India Publishers, Studium Press, Agrobios, Ukaaz Publications, Scientific Publishers)
13.	Number of Book Chapters in Edited books of International Publishers	14 (Apple Academic Press, Springer Nature, Springer, Nova, Science Publishers, Elsevier, CRC Press, Taylor and Francis, Wiley-VCH Verlag GmbH, IPRI)
<b>RESEARCH GRANTS AND CONSULTANCY PROJECTS</b>		
14.	Number of research grants from govt. funding agencies as Co-PI	01, CCRUM (30 Lakhs)
15.	Number of research grants from International and private sources as PI	01, International Potash Research Institute, Switzerland, USD 10000 (March 2010-December 2015)
<b>RESEARCH SUPERVISION</b>		
<b>As Supervisor</b>		
16.	Number of Ph.D. Guided	12
17.	Number of Master's theses/dissertations Guided	64
<b>As Co-supervisor</b>		
18.	Number of Ph.D. Guided	06
19.	Number of Master's theses/dissertations Guided	48
<b>PRESENTATIONS IN CONFERENCES AS SPEAKER/ RESOURCE PERSON</b>		
20.	Number of presentations in National or International Conferences in India	Chairperson: 07 Invited: 04 Oral/Poster: 35
21.	Number of presentations in International Conferences abroad	Chairperson: 05 Invited: 04 Oral/Poster: 23
<b>NATIONAL AWARDS, HONOURS AND FELLOWSHIPS RECEIVED</b>		
22.	<ul style="list-style-type: none"> <li>Felicitated by International Potash Institute (IPI) for substantial cooperation with IPI during International Symposium on balanced fertilization for sustainable crop productivity, (PAU), 22-25 November, 2006.</li> <li>Felicitated International Potash Institute (IPI) for substantial cooperation with IPI during International Symposium on balanced fertilization for sustainable crop</li> </ul>	

	productivity, (OUAT, Bhubaneswar, Orissa), 5-7 November, 2009.
<b>INTERNATIONAL AWARDS, HONOURS AND FELLOWSHIPS RECEIVED</b>	
23.	<b>IPI-FAI International Award (2003)</b> instituted by International Potash Institute (Basel, Switzerland) and Fertilizer Association of India for the significant contribution towards potassium nutrition management for improvement of crop yield and quality.
<b>STAFF DEVELOPMENT/REFRESHER/SHORT TERM TRAINING PROGRAMME/WEBINARS ORGANIZED</b>	
24.	<ul style="list-style-type: none"> <li>• Participated in UNESCO Regional Training Workshop on <i>Use of Electronic Media in University Science Teaching</i>, conducted by the School of Sciences, IGNOU, New Delhi (December 20, 2001 to January 02, 2002)</li> <li>• Attended Refresher Course in Life Sciences at UGC-Academic Staff College, Jawaharlal Nehru University, New Delhi (Jan 5, 2009 to Jan 30, 2009)</li> <li>• Convener, National Symposium on Plant Biology &amp; Biodiversity in Changing Environment (2003)</li> <li>• Convener, National Seminar on Medicinal Plants Research: Retrospect and Prospects, Jamia Hamdard, New Delhi (2014)</li> </ul>
<b>MEMBER(S) OF NATIONAL COMMITTEES</b>	
25.	<ul style="list-style-type: none"> <li>• Member of Expert Committee (nominated by Chairman, UGC) in the discipline of Agriculture, Sericulture, Horticulture for the assessment of major Research Projects during the year 2011–2012</li> <li>• Expert to examine theses of Delhi University, Bharathidasan University, CCS-Hisar Agricultural University, Guru Jambheshwar University, Jamia Millia Islamia, HP University, VBS Purvanchal University, Aligarh Muslim University</li> </ul>
<b>MEMBER(S) OF INTERNATIONAL COMMITTEES</b>	
26.	Expert to examine thesis of Cairo University, Egypt
<b>ADMINISTRATIVE RESPONSIBILITIES/ PARTICIPATION IN COMMITTEES OF JAMIA HAMDARD</b>	
27.	<ul style="list-style-type: none"> <li>• Head, Department of Botany</li> <li>• Member, Academic Council</li> <li>• Chairman, Board of Studies</li> <li>• Members, Board of Studies</li> <li>• Member, Board of Research Studies</li> <li>• Chairperson, Horticulture Committee</li> <li>• Member, Editorial Team, University Newsletter</li> <li>• Member, Library Committee</li> <li>• Coordinator, PG Diploma in Environmental Monitoring and Impact Assessment (Open &amp; Distance Learning)</li> <li>• Member, Environmental Quality Monitoring Cell (EQC)</li> </ul>

**ANY OTHER**

28.	Membership of 15 Professional Bodies Formerly Plant Physiologist, Potash Research Institute, Gurgaon, Haryana
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