




## Faculty Details



Title	Dr.	First Name	Yasheshwar	Last Name	Photograph
Designation	<b>Associate Professor</b>				
Address	<b>C-82, Takshshila Apartment I.P. Extension, Patpadganj Delhi-92</b>				
Phone No Office					
Email/ Web-Page	<b>yasheshwar@andc.du.ac.in</b> <b>Yashfameclasses</b>				
Educational Qualifications					
Degree	Institution		Year		
<b>B.Sc</b>	M.J.P. Rohilakhand Bareilly (U.P)		1996		
<b>M.Sc(Botany)</b>	M.J.P. Rohilakhand Bareilly (U.P)		1998		
<b>NET-J.R.F</b>	UGC-CSIR		2002		
<b>Ph.D</b>	Jamia Hamdard, New Delhi		2017		
<b>LL.B</b>	University of Delhi		2022		
Career Profile					
Administrative Assignments					
i. In 2021 onwards Convenor, TARK, The Debating Society @ANDC					
ii. In 2019-2021, Convenorship of National Assessment & Accreditation Council (NACC)					
iii. In 2019-2021, Coordinator of Internal quality Assurance Cell (IQAC).					
iv. Teacher-in-charge of Department of Life Sciences 2018-2020					
v. TIC Botany Department 2010-11					
vi. Member Central Purchase Committee (2009-10)					
vii. Member Write-off Committee (2008-09)					

- viii. Member of CCC under Ordinance XVD (2007-08)
- ix. Member of Help Desk Committee, Admissions (2005-06)
- x. Member, Proctorial Committee (2005-06)
- xi. Convenor Help Classes under UGC XI plan (2010-11)
- xii. Excursion to Western Ghats with BSc (H) Botany and BSc. Life Sciences
- xiii. NSS programme officer 2007
- xiv. Students Mentoring and counseling
- xv. Excursion to Tadkeshwar (Uttaranchal) with Botany( H) III rd year Student 2006

#### Areas of Interest / Specialization

Plant Physiology and phytochemistry

#### Subjects Taught

- a. Undergraduate:  
**Botany (H)**, B.Sc. (H) **Zoology**, B.Sc. **Life Science**, B.Sc. (Gen.) Group 'B', B.Sc. Sericulture, B.Sc. **Applied Life Science**
- b. **P.G Botany Students: Lecturers on Photosynthesis Plant Physiology in Jamia Hamdard**

#### Research Guidance

Guiding Ph.D research work entitled: **Virome identification and development of diagnostics for simultaneous detection of viruses and virus-like particles of Madagascar periwinkle (Catharanthus roseus).**

**Name of the Candidate-** Ms. Anjana Singh

**Name of the Supervisor-** Dr. Md. Salik Noorani Khan, Assistant Professor, Department of Botany, School of Chemical Sciences & Life Sciences, Jamia Hamdard.

**Name of the Co- Supervisor(s), if any-** Dr. Yasheshwar, Associate Professor, Department of Botany, Acharya Narendra Dev College, University of Delhi, New Delhi.

**Name of the Department:** Department of Botany, School of Chemical and Life Sciences (SCLS), Jamia Hamdard, New Delhi 110062.

#### Publications Profile

1. Yasheshwar, Niharika Niharika, Gaurav Singh, and Rabea Parveen. 2022. "Network Pharmacology Based Mapping of Potential Pharmacological Mechanism of Metabolic Profiles of *Tagetes Erecta* L. against Oxidative and Inflammatory Stress Including Associated Complication." *Annals of Phytomedicine: An International Journal* 11 (2): 438–46. <https://doi.org/10.54085/ap.2022.11.2.53>.
2. Riyazuddin, Riyazuddin, Kalpita Singh, Nadeem Iqbal, Nisha Nisha, Anita Rani, Manu Kumar, Nisha Khatri, Yasheshwar et al. 2022. "Iodine: An Emerging Biostimulant of Growth and Stress Responses in Plants." *Plant and Soil*, no. 0123456789. <https://doi.org/10.1007/s11104-022-05750-5>.
3. Goel Y, Verma AK, Bhatt D, Rahmani AH, Yasheshwar, Dev k.. Diabetes: Perspective and challenges in modern era. *Gene Reports*, 2020, 100759.
4. Yasheshwar, Shahid Umar, M. P. Sharma, Washim Khan, and Sayeed Ahmad. 2017. "Variation in Ornamental Traits, Physiological Responses of *Tagetes Erecta* L. and *T. Patula* L. in Relation to Antioxidant and Metabolic Profile under Deficit Irrigation Strategies." *Scientia Horticulturae* 214: 200–208. <https://doi.org/10.1016/j.scienta.2016.11.037>.
5. Haris M, Hussain T, Tauseef A, Khan A, Khan A.A, Yasheshwar, Application of microbial inoculants as an alternative to chemical products for decomposition of organic wastes. *Microbial Inoculants* <https://doi.org/10.1016/B978-0-323-99043-1.00006-2> Book Chapter Copy right 2023 Elsevier Inc.
6. Mazahar S, Yasheshwar, Umar S. Dynamic function of miRNAs in sensing and signaling nutrient stress in plants. Book Chapter, Taylor and Francis

#### Conference / Presentations /Workshops

- I. Yasheshwar, S. Umar, M.P. Sharma, A.K. Mishra; A Poster was presented entitled "Variation in morpho-physiological and biochemical markers of *Tagetes erecta* L. under regulated deficit irrigation during phenological phases" in the International Conference, Integrative Plant Physiology 2019, organized by Elsevier, is scheduled to take place between 27-29 October 2019, Sitges, Spain.
- i. Participated in the Third lecture workshop on trans-disciplinary areas of research and

- teaching by Shanti Swaroop Bhatnagar Awardees held at Deen Dayal Upadhyaya College, University of Delhi during Sep 15-16, 2017.
- ii. Participated A one day Flow Cytometry Orientation Program on 9<sup>th</sup> Sep, 2016 at BD-JH FACS Academy, New Delhi.
  - iii. Completed successfully the Model Training Course on Enhancing water productivity in Agriculture through the application of modern tools/techniques of water management in crops, organized by Water Technology Centre at ICAR-IARI, New Delhi on 18-25, Dec, 2014.
  - iv. Participated in the “Faculty Development Program on Research Methods, SPSS & Thesis Writing”, organized by Global Developmental Foundation on July 22, 2012.
  - v. Participated in the National workshop on ***Evolutionary Perspectives in Modern Biological Teaching and Research*** held at Academic Research Centre, University of Delhi on 9-10<sup>th</sup> May 2011.
  - vi. National Seminar on Modern trends in the ***Environment Conservation and Plant Biotechnology***, held at D.N. College MEERUT on 5-6 Feb, 2011.
  - vii. Participated in the practical training workshop on Nature Photography conducted by ANDC, New Delhi on 2-3, Dec, 2011.
  - viii. Oral presentation ***Effect of Certain Botanicals on the Bioactive potential of Eugenol*** in the National Symposium on Biodiversity, Biotechnology and Man: Interdependence and Future Challenges, held at Govt. P. G. College, Landsdowne, Pauri Garwal, Uttrakhand on 26-28 March, 2010.
  - ix. Participated in the workshop on application of ***Free/Open Source Software in Science Teaching and Research***, organized by A.N.D. College (DU) and NRCFOSS, Anna University Chennai, held at Acharya Narendra Dev College on 14-15 April, 2010.
  - x. **Ram Kumar, Raunak, Yasheshwar, Victor R. Alekseev: Zooplankton diversity in the sediments egg bank and in the water column of four lakes differing in trophic status and anthropogenic impacts: a comparative and field experimental investigation**, presented in the ***International Conference on (1) Dormancy in crustaceans: research findings and applications (2) zooplankton Behaviour, Ecology and Aquaculture***,

<p>2009/10/06-08 NTOU, Keelung, Taiwan.</p> <p>xi. Resource person in the workshop for <b>Biology Laboratory Course</b> (LS 306) organized by CPDHE-ILLL and Acharya Narendra Dev College, University of Delhi on 21-24 Oct, 2008.</p> <p>xii. Participated in the Workshop on <b>Content Creation for e-Learning</b>, held at University of Delhi from August 25-27, 2006.</p> <p>xiii. Participated in the Workshop on <b>Genetics, Molecular Biology and Biotechnology</b> held on January 14-16, 2006 at University of Delhi.</p>
<p><b>Research Projects (Major Grants/Research Collaboration)</b></p>
<p><i>NIL</i></p>
<p><b>Awards and Distinctions</b></p>
<p>Conferred Award dated 3/12/2022 from “Ibn Sina Public Health Award”</p>
<p><b>Association With Professional Bodies</b></p>
<p><b>1. Society of Ethnopharmacology(SFE-India): Membership number: SFE/22/I-2512</b></p> <p><b>2. Ibn Sina Academy of Medieval Medicine and Sciences:</b> Abu Ali Ibn Sina is a well-known personality among the physicians of Unani medicine and scientists of physical sciences since medieval times. To commemorate and to institutionalize an academy named after him, Ibn Sina Academy of Medieval Medicine &amp; Sciences was founded on March 1, 2000. The Academy has been registered under Indian Trusts Act, 1882 and was formally inaugurated on April 20, 2001. Department of AYUSH, Ministry of Health &amp; Family Welfare, Govt. of India gave accreditation to the academy in 2004 and promoted it as ‘Centre of Excellence’ in 2008. The Academy is now a non-governmental, non-political and non-profit organization with multiple aims and objectives</p>
<p><b>Other Activities</b></p>
<p>E Content: YouTube Channel “Yashfame classes”:</p>

<input type="checkbox"/>		APOPLASTIC PHLOEM LOADING " SUCROSE-H IONS SYMPORTER" Add description	Public
<input type="checkbox"/>		Jagendorf Experiment This experiment was conducted by JAGENDORF n co-workers and it supported the model of Mitchell i.e Chemiosmotic model. As per the said...	Public
<input type="checkbox"/>		TRANSLOCATION IN THE PHLOEM Add description	Public
<input type="checkbox"/>		PHOTOSYNTHESIS: PHOTOCHEMICAL REACTION Photochemical reaction is the important term when photosynthesis is studied. Light energy converted to chemical energy means that electron...	Public
<input type="checkbox"/>		Beta-Oxidation of fatty Acid & ATP Yield beta oxidation of fatty acid takes place in mitochondria and peroxisomes in animal cell and plant cell respectively. It includes four reactions after fatty...	Public
<input type="checkbox"/>		Fatty Acid Synthesis: Biosynthesis of TriAcylGlycerol (TAG)/ Triacylglycerol... TAGs are called TriAcylGlycerols/triacylglycerides. Each TAG is energy storage lipid, composed of three moles of fatty acids and one molecule of...	Public
<input type="checkbox"/>		PHOTORESPIRATION Photorespiration is also known as C2 or photosynthetic carbon oxidation (PCO)/ RUBISCO OXYGENASE ACTIVITY When O2 concentration is more th...	Public
<p><a href="https://youtu.be/RIIAKYS1I2E">https://youtu.be/RIIAKYS1I2E</a></p> <p><a href="https://youtu.be/TSr29ir3b60">https://youtu.be/TSr29ir3b60</a></p> <p><a href="https://youtu.be/NVz3DdqlpFg">https://youtu.be/NVz3DdqlpFg</a></p> <p><a href="https://youtu.be/MrEPE87hmal">https://youtu.be/MrEPE87hmal</a></p> <p><a href="https://youtu.be/gCO_df9qpHE">https://youtu.be/gCO_df9qpHE</a></p> <p><a href="https://youtu.be/W_-iGOboXpM">https://youtu.be/W_-iGOboXpM</a></p> <p><a href="https://youtu.be/34jXi6WEIZM">https://youtu.be/34jXi6WEIZM</a></p>			

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC and PDF file to be attached as a link on your faculty page.