



Botany Section  
School of Science  
Maulana Azad National Urdu University (Central University)  
Gachibowli, Hyderabad, Telangana-500032, India

+91-8096399282

✉ irakhan@manuu.edu.in

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## DR IRA KHAN | Assistant Professor

**CURRENT DESIGNATION/ INVOLVEMENT** Currently working as an **Assistant Professor** in Department of Botany, School of Sciences, Maulana Azad National Urdu University (Central University), Hyderabad, Telangana, India.

**AREA OF SPECIALIZATION** Plant stress Physiology, Environmental Sciences

**ONGOING ACADEMIC RESEARCH/PROJECTS** Stress biology

**INNOVATION WITH FIELD OF STUDY AND COLLABORATIVE EFFORTS** Worked in Central Research Institute for Dryland Agriculture, Hyderabad. Worked in NBPGR, Hyderabad.

**ACADEMIC AND ADMINISTRATIVE EXPERIENCE**

- **IN TEACHING AND RESEARCH FOR MORE THAN 7 YEARS**
- **TEACHING BOTANY AND ENVIRONMENTAL STUDIES TO UG STUDENTS**
- **MEMBER OF BOARD OF SRUDIES, BOTANY,**
- **MEMBER OF RAC**
- **ACADEMIC CO-ORDINATOR FOR LIFE SCIENCES,**
- **WAS A MEMBER OF SCHOOL BOARD**

**EDUCATIONAL QUALIFICATION**

- **DOCTOR OF PHILOSOPHY (Ph.D.), 2019**  
Department of Botany, Osmania University
- CSIR-NET QUALIFIED

**TEACHING PROFICIENCY**

**RESEARCH PUBLICATION DETAILS** **Ira Khan**, M. Vanaja, P. Sathish, P. Vagheera (2020). Impact of Elevated CO<sub>2</sub> on Two Successive Generations of CO<sub>2</sub> Responsive Maize Genotype. *Agricultural Research*. 9(3): 310-315

**Ira Khan**, M. Vanaja, P. Sathish, P. Vagheera and N. Jyothi Lakshmi (2018).

Crop specific responses of elevated Carbon-di-oxide-level on groundnut (C3) and maize (C4) *International Journal of Current Science*. 21(6): E 14-21.

Satyavathi P, Vanaja M, Vagheera P and **Ira Khan** (2018). Impact of moisture deficit stress on growth, biomass and yield parameters of cluster bean (*Cyamopsis tetragonoloba* L.Taub.) genotypes. *International Journal of Creative Research Thoughts (IJCRT)* 318-321.

Satyavathi P, Vanaja M, Vagheera P, Vijaykumar G, Sathish P and **Ira Khan** (2017). Genotypic variability and seasonal impact on biomass and yield performance of cluster bean. *International Journal of Current Science* 20(3): E 1-9

Vagheera P, Vanaja M, Satyavathi P, Sathish P, Vijay Kumar G, **Ira Khan** (2017). Moisture deficit stress, thermal regimes and their interaction on biomass and yield components of two blackgram (*Vigna mungo* L. Hepper) genotypes. *International Journal of Current Science* 20(3): 49-56.

Satyavathi. P., Vanaja M., Gopala Krishna Reddy A., Vagheera P., Narasimha Reddy A., G. Vijay Kumar, Abdul Razak, Sunitha Vaidya, Sowmya P., **Ira Khan** (2014). Identification of Suitable Guar Genotypes for Summer Season of Semi-Arid Region. *International Journal of Applied Biology and Pharmaceutical Technology* 5(4): 71-73.

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DETAILS OF  
CONFERENCE/SEMINAR  
/WORKSHOP/ FDP  
(ATTENDED/PRESENTED)

**Ira Khan**, M.Vanaja, Mohammad Imran Mir (2021). Impact of Elevated CO<sub>2</sub> and Temperature on stomatal behaviour and physiological parameters of two genotypes of groundnut (*Arachis hypogaea* L.) **Poster Presentation** in National Conference of Plant Physiology, Dec 9 -11 2021, at ICAR-NIASM, Pune, India.

**Ira Khan**, M. Vanaja, P. Vagheera, P. Sathish, P Satyavathi and G. Vijay Kumar (2018). Intergenerational responses of elevated CO<sub>2</sub> on morphological, physiological, biomass and yield parameters of groundnut (*Arachis hypogaea* L.). **Poster presentation** in 4th International Plant Physiology Congress, Dec. 2-5, 2018, CSIR-National Botanical Research Institute, Lucknow, India. Pp 276.

**Ira Khan**, M. Vanaja, P. Sathish, M. Ahmed, N. Jyothi Lakshmi and P. Satyavathi (2018). Morphological, biomass and yield response of four maize genotypes at two elevated levels of CO<sub>2</sub>. **Oral presentation** at National Conference on New Horizons in Applied Plant Sciences Research and its Impact on Human Welfare from 30-31st October 2018, Anwarul Uloom College, Hyderabad.

**Ira Khan**, P. Sathish, Ch. Ramprasad, Amol A. Patil, N. Jyothi Lakshmi and M. Vanaja(2016). Changes in stomatal and physiological parameters of maize genotypes under elevated CO<sub>2</sub>. **Oral presentation** at National Conference of Plant Physiology 2016 on 'Challenges in Crop Physiology Research: From Molecular to Whole Plant' from 8-10th December 2016 UAS, Bangalore. Pp 12.

**Ira Khan**, P. Sathish, P. Vagheera, Abdul Razak, Sunitha Vaidya, G. Vijay Kumar, N. Jyothi Lakshmi and M. Vanaja (2013). Impact of elevated CO<sub>2</sub> over generations- Studies with CO<sub>2</sub> responsive maize genotype. **Poster presentation** at National Seminar on 'Current Trends in Plant Biology Research' from 13-16th December 2013 Junagadh. Pp 448-449. Sunitha Vaidya, N. Jyothi Lakshmi, P. Vagheera, P. Sowmya, P. Sathish,

**Ira Khan** and M. Vanaja (2013). Differential response of groundnut (*Arachis hypogea* L.) genotypes with PEG induced moisture stress. **Poster presentation** at National Seminar on 'Current Trends in Plant Biology Research' from 13-16th December 2013 Junagadh. Pp 448-449. Satyavathi P, Vanaja M, Vagheera P, Vijay Kumar G, Sathish P, **Ira Khan** (2016). Genotypic variability in biomass and yield performance of cluster bean during warm and cool seasons of sat. **Poster presentation** at the National Conference of Plant Physiology, held on 8-10, December 2016 at The University of Agricultural Sciences, GKVK, Bengaluru, India.

Satyavathi P, Vanaja M, Vagheera P, **Ira Khan** (2017). Performance of cluster bean (*Cyamopsis tetragonoloba* L.Taub.) genotypes under different environmental conditions- Oral Presentation at 7th International Conference on Innovation in Chemical, Agricultural, Biological and Environmental Sciences (ICABES-2017) London(UK) Dec. 4-6, 2017.

Satyavathi P, Vanaja M, Vagheera P and **Ira Khan** (2018). Impact of moisture deficit stress on growth, biomass and yield parameters of cluster bean (*Cyamopsis tetragonoloba* L.Taub.) genotypes. Oral Presentation at 1st National Conference on Trends in Science, Engineering and Technology, held from February 2-3, 2018 at

Mathrusri Engineering College, Saidabad, Hyderabad.

**Ira Khan.** Presented paper titled “Biotic and abiotic stresses in Plants”  
In National Urdu Science Congress, organised by Maulana Azad  
National Urdu University from 25-26th February, 2020.

Presented Paper as a co-author in National Urdu Science Congress,  
2021, Maulana Azad National Urdu University, Hyd, 14-15th July, 2021

Attended UGC sponsored **Short term course** on “E-Content  
Development and Online Pedagogy” from 24th to 29th July, 2020  
organised by Maulana Azad National Urdu University.

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DETAILS OF KEYNOTE  
SPEAKER/RESOURCE  
PERSON/ SESSION CHAIR  
ETC.

Chaired a Session in National Urdu Science Congress, 2020.

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ACHIVEMENTS

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DETAILS OF SUPERVISION  
(M.PHIL/M.TECH/P.HD.)

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PROFESSIONAL  
MEMBERSHIPS

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PERSONAL DETAILS

**Father's Name** : Dr Mahmood Shah Khan  
**Date of Birth** : 02-05-1985  
**Gender** : Female  
**Marital Status** : Married  
**Nationality** : Indian  
**Language** : Urdu, Hindi, English.  
**Known**  
Etc..

Date: 5-2-2022

Place: Hyderabad

*(Dr Ira Khan)*