



Ministry of Education
Government of India



Global Initiative of
Academic Networks



Aligarh Muslim
University

International Workshop

Complementing Current Techniques with Next Generation Technologies for Crop Health Improvement

14-19 November, 2022 (Time: 2:30 PM to 8:30 PM Indian Standard Time)
(ON VIRTUAL MODE)

Sponsored by

Global Initiative of Academic Networks
Ministry of Education
Government of India, New Delhi

COORDINATOR, GIAN COURSE

Prof. Mujebur Rahman Khan

Department of Plant Protection, Faculty of Agricultural Sciences

Aligarh Muslim University Aligarh-202002 (UP), INDIA

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Registration and fee payments are to be done on the GIAN portal at <https://gian.iitkgp.ac.in>

Complementing Current Techniques with Next Generation Technologies for Crop Health Improvement



ALIGARH MUSLIM
UNIVERSITY

Major Faculty

Prof. Mohamed F. R. Khan, NDSU, North Dakota and UOM, Minnesota, USA (Foreign Expert)

Prof. Mohamed F. R. Khan is the Extension Sugarbeet Specialist for North Dakota State University and the University of Minnesota, USA. Prof. Khan received his BS from the University of Guyana; MS from the University of Bath, UK; and Ph.D. from Clemson University, USA. He is responsible for developing, conducting and evaluating educational programs to improve sugarbeet production practices in North Dakota and Minnesota. His research is aimed at improving management of diseases such as Cercospora leaf spot, Rhizoctonia crown and root rot, Rhizomania and Fusarium yellows, and agronomic practices such as optimum plant populations and nitrogen management.



Prof. Khan is the Secretary of the Sugarbeet Research and Education Board of Minnesota and North Dakota (SBREB). The SBREB is responsible for funding and promoting research and educational programs in sugarbeet production. Prof. Khan is also the Chairman of the International Sugarbeet Institute which organizes an annual two day trade show. About 3000 growers and allied industry personnel participate in the exposition of machinery and equipments involved in sugarbeet production. He is also experienced in managing tropical crops including coconut, oil palm and sugar cane.

Prof. Mujebur Rahman Khan, Aligarh Muslim University (Coordinator)

Dr. Mujebur Rahman Khan is a Professor at the Department of Plant Protection, Aligarh Muslim University, Aligarh, India, and Chairman of the department, and the former Dean, Faculty of Agricultural Sciences, AMU. Prof. Khan received his M.Sc. in 1984 and Ph.D. in 1988 in Plant Pathology and Nematology from the Aligarh Muslim University, India. He has worked as Post-Doc at the North Carolina State University, USA and the California Department of Food and Agriculture, USA, and also received advanced training in nematode identification at the Institute of Parasitology, Commonwealth Agricultural Bureau, UK. He has around 400 research publications, 18 books and 2 patents to his credit.



He has received research grant through ten projects funded by DST, DBT, UGC, CST-UP, Russell IPM etc. He has developed low cost technology for commercial production of microbial formulations and has developed biofertilizers and biopesticides for vegetable and pulse cropping systems. His research areas include plant-microbe interactions, microbial control of pathogenic plant fungi and nematodes, crop diseases under climate change, and nanoparticle-plant/microbe interactions.

Prof. Mohammad Jahangeer Warsi

Local Coordinator, GIAN

Department of Linguistics, Aligarh Muslim University

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About GIAN

Global Initiative of Academic Networks (GIAN) in Higher Education was launched in 2015. It is a program of Ministry of Education, Government of India. GIAN in Higher Education is aimed at tapping the talent pool of international scientists and entrepreneurs to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence.

About Aligarh Muslim University

Aligarh Muslim University (AMU) is a central university and occupies an important position amongst universities and institutions of higher learning in India. It was established in 1920 by the Act of Parliament of India. The university was evolved out of the Mohammedan Anglo-Oriental (MAO) which was set up in 1877 by the great visionary and social reformer, Sir Syed Ahmad Khan. Since its inception, AMU has kept its door open to the members of all communities and from all corners of the country and the world. The University is open to all irrespective of caste, creed, religion or gender. AMU is among fifteen best Indian University ranked by the National Ranking Federation, and awarded A* by the National Assessment and Accreditation Council. The University is spread over 467 hectares in the city of Aligarh, Uttar Pradesh. Aligarh Muslim University offers more than 300 courses in the traditional and modern branches of education. It has around 40000 students (including around 12000 residential students), 1,678 teachers and some 5,600 non-teaching staff on its rolls. The University has 13 faculties comprising 117 teaching departments, 3 academies, 21 centers/institutes, and 3 out side campuses.

About Department of Plant Protection

The Department of Plant Protection is one of the active departments under the Faculty of Agricultural Sciences. The department as Section of Plant Protection was started under the umbrella of Institute of Agriculture in 1993 with the vision to protect crop plants from pests and diseases and to enhance crop productivity through ecofriendly and sustainable management approaches. The section assumed the status of the Department of Plant Protection in 2000. Initially, the department offered M.Sc. (Agriculture) Plant Protection. However, in keeping pace with the advancement of science, need of farmers and demand of market, the department currently offers M.Sc. (Ag.) Entomology, M.Sc. (Ag.) Plant Pathology and M.Sc. (Ag.) Nematology as well Ph.D. programmes in the respective disciplines.

Resource Persons

FOREIGN FACULTY

Prof. Mohamed F. R. Khan

Professor and Extension Sugarbeet Specialist
Department of Plant Pathology, North Dakota State University and University of Minnesota
Minnesota, U.S.A.

HOST FACULTY

Prof. Mujeebur Rahman Khan

Professor, FNAAS, FIPS, Plant Nematologist
Department of Plant Protection
Aligarh Muslim University
Aligarh-202002 (UP), INDIA

GUEST SPEAKERS

Dr. Leng Yueqiang

Department of Plant Pathology
North Dakota State University Fargo, ND, USA

Dr. Zhaoxue Liu

Department of Plant Pathology
North Dakota State University Fargo, ND, USA

Coordinator, GIAN Course
Prof. Mujeebur Rahman Khan

Department of Plant Protection
Aligarh Muslim University Aligarh-202002 (UP), INDIA

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THE WORKSHOP SHALL BE ORGANIZED IN VIRTUAL MODE

Who can apply?

- ❖ Executives, policymakers, and researchers from Government and non-government institutions.
- ❖ Faculty, researchers and student specializing in Agronomy, Horticulture, Plant Pathology, Entomology, Nematology, and other allied disciplines of Agriculture and Bioscience from academic and technical institutions.
- ❖ Apply on the format printed at the end.

Important dates

- ❖ Last date of registration and course fee: **05 November, 2022.**
- ❖ Online link to the registered candidates: **10-12 November, 2022**
- ❖ Lectures schedule: **2:30 PM to 8:30PM (Indian Standard Time)**

Mode of Payment

- Registration for GIAN with a fee of INR 500* is to be done online at <https://gian.iitkgp.ac.in>.
- The Course Fee** will also be paid on the GIAN portal with following Bank details.

- Bank: Canara Bank
- Branch: Aligarh Muslim University
- Account No.:110069914428
- IFSC No.:CNRB0005247

Number of seats: 30*

* Seats may be increased due to virtual mode.

** Certificates will be given to registered participants.

Category	Fee	
	Registration*	Course**
Students (UG & PG)	Rs. 500	Rs. 300
Scientists, Teachers etc.	Rs. 500	Rs. 500
Foreign Participants	Rs. 500	USD 10

- ❖ The Zoom link to attend the workshop shall be shared with the registered candidates, one or two days before the workshop.
- ❖ Lectures are scheduled at 2:30 PM to 8:00 PM (Indian Standard Time) to enable students and working candidates to attend the workshop.