

**RASHTRIYA UCHCHATAR SHIKSHA
ABHIYAN
(RUSA)**



PRESENTS



**ONE DAY INTERNATIONAL SEMINAR
ON**

**NEW HORIZONS ON
INDIAN
AGROSYSTEMS**

JOINTLY ORGANIZED BY

**SCHOOL OF BIOSCIENCES,
MAHATMA GANDHI UNIVERSITY**

**SCHOOL OF FOOD SCIENCE AND TECHNOLOGY,
MAHATMA GANDHI UNIVERSITY**

&

**NATIONAL INSTITUTE OF PLANT SCIENCE
TECHNOLOGY, MAHATMA GANDHI UNIVERSITY**

**January 19th
2024,
Friday**

**VENUE: AUDITORIUM, SCHOOL OF
BIOSCIENCES,
MAHATMA GANDHI UNIVERSITY,
KOTTAYAM**

About the Organizers

School of Biosciences (SBS): A centre which is acclaimed for its research activities to provide an exclusive platform for the new generation scientists. The School anchors on a fundamental branch of knowledge and its application provides the students to gain expertise in a wide spectrum of areas such as Biochemistry, Microbiology, Biotechnology and Biophysics

School of Food Science and Technology (SFST): A centre which provide academic expertise to students in the areas of Food science, Food Technology, Nutrition and Dietetics. The research areas at School of Food Science and Technology include new Food Product Development, processing and packaging technology development, Subjective and objective quality analysis of foods, and microbiological analysis of foods. etc. The institute aims to develop and contribute skilled manpower to academic, food industries and health care sectors.

National Institute of Plant Science technology (NIPST): An Inter-School centre of Mahatma Gandhi University provides excellent infrastructure facilities to promote research in Interdisciplinary areas of 'Plants and their Environment Relations' towards developing Plant-based Eco-technologies'.

Patron

Prof (Dr) C.T. Aravindakumar
Hon'ble Vice Chancellor,
Mahatma Gandhi University

Convenor

Prof. (Dr) Jisha M.S
Director School of Biosciences, Director School of Food Science and Technology, Director National Institute of Plant Science Technology

Organizing Committee

Dr. Linu Mathew	Ms. Anubha S
Dr. Anie Y.	Ms. Edna Mary Varghese
Dr. Anooja Thomas K	Ms. Meenu Thampi
Dr. Linu M Salim	Ms. Sherin Varghese
Dr. Sharrel Rebello	Ms. Sangeetha Sali
Dr. Karthika S	Ms. Sivapriya K C
Dr. Haritha V H	Mr. Dhanraj N D
Dr. Sindhu G	Ms. Radhalakshmi V
Dr. Lakshmipriya P	Mr. Sajad Rahman
Ms. Helseena E H	Ms. Anjaly Palakeel

ABOUT THE SEMINAR

An agricultural system, or agroecosystem, is a collection of components that has as its overall purpose the production of crops and raising livestock to produce food, fiber, and energy from the Earth & natural resources. A scientific study of an agroecosystem requires a system model of components and their interactions considering agricultural production, natural resources, and human factors. Agroecosystems are increasingly expected to provide a gamut of ecosystem services including food production, C sequestration, nutrient recycling, and climate regulation. This seminar aims to discuss methods of improvement of agrosystems, value addition by agroecological services, and maintenance of agroeconomic sustainability.

Inauguration

Prof (Dr) C.T. Aravindakumar
Hon'ble Vice Chancellor,
Mahatma Gandhi University,
Kottayam

Keynote Speaker



Dr. Swati Nayak

(Norman E Borlaug Awardee for Field Research and Application 2023)

Scientist II - Seed Systems and Product Management,
International Rice Research Institute, Philippines

Topic of lecture: Delivering genetic gain in farmer field- A case of market driven and participatory seed system interventions

Invited Speakers



Prof. G.M. Nair

Director. Central Laboratory for Instrumentation
and Facilitation (CLIF), University of Kerala

Topic of lecture: Food security: Relevance of modern technologies of crop improvement- an overview



Dr. Binod Parameswaran

Scientist, National Institute for Interdisciplinary
Science and Technology. Thiruvananthapuram.

Topic of lecture: Agro-residues for Sustainable Energy and Industrial Chemicals Production



Dr. Jeyan A. Moses

Assistant Professor and In-Charge, CMNSPU,
National Institute of Food Technology,
Entrepreneurship and Management-Thanjavur.

Topic of lecture: Emerging Technologies for the Food Industry

FREE REGISTRATION

[Click here for registration:](#)

<https://forms.gle/iRXvFVPh4jbtcYqt9>

- Registration limited to 150 seats
- Spot registration will not be entertained
- Participation certificate will be provided for registered candidates only
- Lunch and refreshment will be provided only for registered candidates
- No TA, DA and accommodation will be provided

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ALL ARE WELCOME !