

Two-days lecture series

On

Non-destructive Quality Assessment of Agricultural Food Products

March 18-19, 2022

Funded by

Shastri Indo-Canadian Institute



L'INSTITUT SHASTRI INDO-CANADIEN INDO-CANADIAN INSTITUTE

Organized by



भारतीय प्रौद्योगिकी संस्थान जम्मू
INDIAN INSTITUTE OF TECHNOLOGY JAMMU

विद्यया सर्वं धनं प्राप्यते

Department of Mechanical Engineering
Indian Institute of Technology Jammu
Jagti, Jammu – 181221 (J&K)

About the course

The proposed Lecture series is targeted for Indian and Canadian Researchers / Engineers working on the state-of-the-art technologies in the domain of Food processing and Agriculture. The objective of the course is to impart elementary knowledge of non-destructive techniques with prime focus on image processing based grain analysis, machine based learning dataset generations, Microwave antennas based quality analysis of Food products etc.

Presentations

The faculty members of prestigious Canadian and Indian Research institutes and will primarily deliver the lectures during the program.

Topics to be discussed (Tentative)

The following research areas will be covered during the program:

- Digital Imaging of Food-agricultural products
- Wireless RF Imaging of food products
- Training of Machine-Learning models
- Various techniques of Temperature sensing
- Microwave based analysis of Food

List of speakers (Tentative)

- Prof. H. S. Ramaswamy, McGill University
- Dr. Sharmistha Bhadra, McGill University
- Prof. Jitendra Paliwal, University of Manitoba
- Dr. Ankur Miglani, IIT Indore
- Dr. Maninder Meenu, Postdoctoral Fellow

Registration guidelines

- There is no registration fee
- The last day of registration is March 16, 2022
- Eligible participants will be selected based on the first come first serve basis on portal, registrations are limited to 100 only.

- Interested candidates may fill the following form. The updated details shall be provided through email / whatsapp. <https://forms.gle/BJn8JN1JyNNcXaC57>

Session timings (Tentative)

- Session 1: 08:30 AM to 11:00 AM (EST)
- Session 2: 11.30 AM to 01.00 PM (EST)
- Session 3: 11.30 AM to 01.00 PM (EST)

Funded by SICI

The Shastri Indo-Canadian Institute (SICI) is a unique bi-national organization, mandated by governments of India and Canada to promote, facilitate and nurture academic linkages, collaborations and exchanges, research partnerships, and networks on bi-national corridors. With its physical presence in New Delhi, India and Calgary, Canada, and a strong base of 131 Indian and 37 Canadian member institutions, for past 53 years, SICI is the only organization in the Canada-India higher education corridor that is instrumental in building and strengthening intellectual and cultural relationship through research and dialogue. Funded by the Ministry of Education, Government of India, it supports diverse disciplines including Social Sciences, Humanities, Science & Technology, Biotechnology, Agriculture, Arts, Literature, Culture, Law, Business, Economic Reform, etc. and covers all levels of higher education from undergraduate to postdoc and from faculty to collaborative research.

Organiser

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