

SKILL DEVELOPMENT PROGRAMME

APPLY ONLINE :
<http://sdp.niist.res.in>



“Microalgal Lipidomics: Scaleup and FAME profile by GC-MS ”



CSIR Integrated
Skill Initiative

CSIR-NIIST
THIRUVANANTHAPURAM



niist
सीएसआईआर का अंतर्विषयी आयाम
Interdisciplinary face of CSIR

- Practical experience in algal biotechnology, from basic culturing to advanced analytical techniques.
- Learn the nuances of scaling up microalgal cultivation, exploring the dynamics of photobioreactors (PBR) with a working volume of 200 L.
- Lipid enhancement strategies
- Biomass harvesting through bioprocess model continuous flow centrifuge
- Training on GCMS and other related analytical instruments
- Industry-scale microalgal cultivation practices and considerations.

To provide comprehensive training in algal lipidomics towards translational scope in nutraceutical, pharmaceutical, feed and renewable energy sector.

Course fee:
Rs. ₹5000 (Students)
&
₹7500 (Faculty & Industry)

ACCOUNT DETAILS
The Director, CSIR-NIIST
Account No: 67047723825
IFSC Code: SBIN0070030
Bank: State Bank of India (SBI)
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**Talks by EXPERTS
&
Interactive Session**

Course Coordinator:
Dr. Muthu Arumugam
(Principal Scientist, MPTD)

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DATE:
26-30 August 2024

<https://www.niist.res.in/english/academics/csir-skill-initiative>