

Organising Committee:

Chairman

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Convenors

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Co-convenors

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CEO, InBiotek

Shri K Jayakumar
Service Director, InBiotek

Members

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Project Scientist, FOST, KUFOS

Ms. Ayana P P
Research Scholar, FOST, KUFOS

Ms. Ambily Balakrishnan
Research Scholar, FOST, KUFOS

Ms. Manjumol C C,
Research Scholar, FOST, KUFOS

Ms. Shireen Mohammed,
JRF, CARMC, KUFOS

Ms. Ashly Augustine,
JRF, FOST, KUFOS

Registration link

https://docs.google.com/forms/d/e/1FAIpQLScgX4fpQVKQcSNAzeVEsEP7Ipc77Id1zpfhB2NKgrSoS1ukDA/viewform?usp=sf_link

Google Meet joining infoVideo call link:

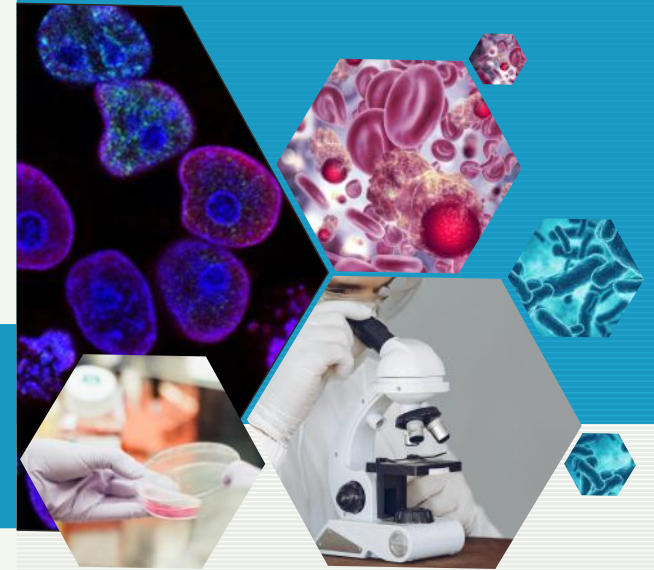
<https://meet.google.com/vtd-pyos-kot>

Or

dial: +(US) +1 346-908-0701† PIN: 250
874 055#

Webinar on

Advanced Microscopic Techniques for Cellular Research



Organised by:

**Faculty of Ocean Science
& Technology**
**Kerala University of Fisheries
and Ocean Studies**

(KUFOS), Kochi

&

InBiotek Microsystems

Kochi



inBiotek
Microsystems

14th & 15th February 2022

About the Organisers:

KUFOS

The Kerala University of Fisheries and Ocean Studies (KUFOS) is an autonomous public funded institution established on 20th November 2010. KUFOS is the first Fisheries and Ocean studies University in the country instituted under the Kerala State Ministry of Fisheries. The University has a sprawling campus in the headquarters at Panangad, a dedicated Fisheries research station, Puduveypu situated at the Vypeen Island and an extensive off campus at Payyannur, Kannur. The university offers several courses in fisheries and ocean studies and in other allied subjects. The University was established for the development of manpower in fisheries and ocean sciences and for ensuring proper teaching, training, research and extension in the State of Kerala. KUFOS imparts quality education comparable with world class standards focussed on research-oriented studies with effective and rewarding extension activities and national and international collaborations.

InBiotek Microsystems Kochi

inBiotek Microsystems, an organisation based at Kochi, was founded by Instrumentation specialized team, with over 25 years of experience in Sales, Service and Application support. They provide microscope-allied products to Research Institutes, Universities, Hospitals, Medical colleges, Educational Institutes and Industries. They represent the pioneers in the respective fields. They play a strong supporting role to the user, helping them to realize their full potential by overcoming their challenges. They support to conduct microscopy seminars sharing expert resources to teach from basics to advanced microscopy techniques.

Programme Schedule:

Day 01 (14-02-2022)

Inaugural Session : 10.30 a.m.

Prayer

10.30 a.m.: *Welcome Address:*

Dr. S. Suresh Kumar,
Dean, FOST, KUFOS

10.35 a.m.: *Inaugural Address*

Dr. K. Riji John,
Vice Chancellor, KUFOS

10.45 a.m.: *Felicitation*

Dr. B. Manoj Kumar,
Registrar, KUFOS

Dr. Devika Pillai,
Director of Research, KUFOS

10.55 a.m.: *Vote of Thanks*

Dr. Nevin K.G.,
Assistant Professor, KUFOS

Technical Session 1a: 11.00 am - 01.30 pm

Basics of Microscopy :

Shri C V Ajith Kumar, CEO, InBiotek

Different contrasting technique:

Shri C V Ajith Kumar, CEO, InBiotek

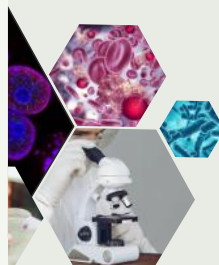
Technical Session 1b: 02.00 pm - 04.30 pm

How to select right microscopy camera

Shri C V Ajith Kumar,
CEO, InBiotek

Different types of Microscopy Software

Shri K Jayakumar,
Service Director, InBiotek



Programme Schedule:

Day 02 (15-02-2022)

Technical Session II: 10.00 a.m. – 01.00 pm

Title: **Application of optical Microscopic Techniques in Marine Biology with Special reference to confocal laser scanning microscopy**

Talk 1 – 10.00 am Dr. V. P. Venugopalan



Former Director,
Bioscience Group,
BARC, Mumbai
Raja Ramanna Fellow DAE
Senior Professor, HBNI
Chairman AEES

Title: **Genetically Encoded fluorescent sensors and real time visualization of cell signalling**

Talk 2 – 11.00 am Dr. Santhosh Kumar T.R.



Scientist G,
Division of Cancer Research,
RGCB,
Thiruvananthapuram

Title: **Dissecting host-pathogen interactions using advanced imaging tools**

Talk 3 – 12.00 pm Dr. Rajesh Chandramohandas,



Scientist EII,
Division of Pathogen Biology,
RGCB,
Thiruvananthapuram

Concluding Session: 01.00 p.m.

Concluding Remarks Dr. S. Suresh Kumar,
Dean, FOST

Vote of Thanks Dr. V. P. Limna Mol,
Assistant Professor, KUFOS