

Day 1: 24/09/2021

Program schedule

Online platform: **Google Meet**

Meeting code: <https://meet.google.com/kcu-ukxh-qbk>

Inauguration: 09:30-10:30 AM

Keynote address 1 (11:00-11:40 AM)

Topic: DNA of Engineering Innovation

Dr. Swaminathan Subramanian, Michigan State University, USA

Keynote address 2 (11:45-12:30 PM)

Topic: Emerging Trends in Nano Devices

Dr. Roy P. P., IIT Guwahati

Keynote address 3 (1:30-2:30 PM)

Topic: Issues and Challenges in Technical Education

Dr. Pratap Singh K. Desai

Keynote address 4 (02:30-03:30 PM)

Topic: Aviation biofuels - Routes and Challenges

Dr. Suchithra T. G., University of Nottingham, Malaysia

Keynote address 5 (03:30-04:30 PM)

Topic: Environmental Forensics

George K Varghese NIT Calicut

Publication:

All accepted papers in the conference will be published in Elsevier SSRN Conference proceedings



International Conference

on

Process Engineering & Sustainable Technology (STEP 2021)

24th - 26th September 2021

Organized by

Department of Chemical Engineering

Under the Aegis of

YUKTHI 2021

International Conference on Emerging Trends in Engineering



Government Engineering College Kozhikode
Westhill P.O, Kozhikode, Kerala, India 673005

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Dr. Suchithra T. G., University of Nottingham, Malaysia

Dr. Rabibrata Mukherjee, IIT Kharagpur, India

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Dr. K. Haribabu, NIT Calicut, India

Day 1: 24/09/2021
Keynote Session 1 (2:30-3:30 PM)

Topic: Aviation Biofuels – Routes and Challenges

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Dr. Suchithra T. G., Associate Professor,
Department of Chemical and Environmental
Engineering,
University of Nottingham, Malaysia



Day 1: 24/09/2021
Keynote Session 2 (7:00-8:00 PM)

**Topic: Green Technologies and Process Intensification in the
Production of Biofuels from Biomass**

Meeting Code: <http://meet.google.com/tvm-rsmq-qok>

Dr. Héctor A. Ruiz,
Full Professor in the Faculty of Chemistry Sciences,
Autonomous University of Coahuila, Mexico
Principal coordinator of Biorefinery Group



Day 2: 25/09/2021
Keynote Session 3 (1:30-2:30 PM)

**Topic: The fascinating science of ultra-thin films: from
spontaneous instability to stable coatings**

Meeting Code: <http://meet.google.com/tvm-rsmq-qok>

Dr. Rabibrata Mukherjee
Professor,
Department of Chemical Engineering,
I.I.T. Kharagpur, India



Day 3: 26/09/2021
Keynote Session 4 (9:30-10:30 AM)

Topic: Dealing with carbon dioxide: The electrochemical route

Meeting Code: <http://meet.google.com/tvm-rsmq-qok>

Dr. Vinod Janardhanan
Professor,
Department of Chemical Engineering,
Faculty of Chemistry Sciences,
I.I.T. Hyderabad, India



Day 2: 25/09/2021

Meeting Code: <http://meet.google.com/tvm-rsmq-qok>

Paper presentation Session 1 (9:30-11:45 AM)
Paper presentation Session 2 (2:45-4:30 PM)

Day 3: 26/09/2021

Meeting Code: <http://meet.google.com/tvm-rsmq-qok>

Paper presentation Session 3 (10:45-12:30 PM)
Paper presentation Session 4 (2:00-4:00 PM)