
Invitation to invited talk in CUK at plant science department on 6-3-2020 at 10.30 AM to 11.30 AM-reg.

2 messages

Arun Kumar K Faculty Plant Science <arunkumark@cukerala.ac.in> Wed, Mar 4, 2020 at 3:05 PM
To: denthuruthiyil <den_thuruthiyil@yahoo.com>, jasmine asst Prof Plant Sc <jasmine@cukerala.ac.in>, Ginny Antony <ginnyantony@gmail.com>, Dr Chithra Manisseri Asst Professor Plant Sc <mchithra@cukerala.ac.in>, Ranjith p <ranjithcuk@gmail.com>, sreenath.kpnr@gmail.com, Dr D Govinda Rao Prof BCMB CUK <dgrao@cukerala.ac.in>, cukpls19@gmail.com, cukpls2018@googlegroups.com, Faculty CUKerala <faculty@cukerala.ac.in>, phdplantscience@gmail.com, plantscience cuk <plscuk17@gmail.com>, HoD CUK <HoD@cukerala.ac.in>, Dean CUK <dean@cukerala.ac.in>

Dear colleagues/scholars/students

Greetings

:This is our 4th invited talk invitation from plant science department is attached .

Thanking you

Sincerely yours

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Dr.K.Arunkumar, Ph.D

Professor & Head

Department of Plant Science

School of Biological Sciences

Central University of Kerala

Periye-671 320

Kasaragod,Kerala, India

Mobile: 91-9865051016

http://www.cukerala.ac.in/index.php?option=com_content&view=article&id=601&Itemid=410&lang=en



Invitation c.pdf

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Arun Kumar K Faculty Plant Science <arunkumark@cukerala.ac.in>

Fri, Mar 12, 2021 at 3:05 PM

To: jasmine asst Prof Plant Sc <jasmine@cukerala.ac.in>

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Department of Plant Science Central University of Kerala

Is pleased to organize an

Invited Talk on **Agro-residue based biorefineries**

By

Dr. Rajeev Kumar Sukumaran

Principal Scientist and Head

Microbial Processes and Technology

CSIR – National Institute for Interdisciplinary Science and Technology (NIIST)

Date : 6/3/2020

Time: 10.30 AM – 11.30 AM

Venue: Room 215, Godavari

We invite Interested faculty members and students to attend the session.

By

Head / Faculty members/Scholars/Students

Department of Plant Science

Invited talk on Agro-residue based biorefineries

(Covering aspects of Research Methodology and Skill Development)

Seminar Report

Invited talk on 'Agro-residue based biorefineries' was delivered by Dr. Rajeev Kumar Sukumaran, Principal Scientist and Head, Microbial Processes and Technology, CSIR – National Institute for Interdisciplinary Science and Technology (NIIST) on 6 th March 2020 at Department of Plant Science. Dr.Arunkumar, HOD, Plant Science welcomed the speaker and Dr. Chithra Manisseri, organizing secretary, gave a brief introduction of the speaker to the participants. Dr. Rajeev Sukumaran discussed on the current biofuel needs in India and world wide. India producing surplus amount of agroresidues annually has great potential in this area. He discussed on the basic principle, major challenges and opportunities in agrobased biorefinery sector. He pointed that the compositional analysis of different crop residues and breaking their recalcitrance to yield fermentable sugars needs research studies to explore their maximum biofuel potential. Also he pointed the problems faced during downstream fermentation process. He mentioned briefly on the current research activities going on at NIIST in this regard. Identifying an efficient enzyme cocktail for hydrolysis and fermenting organism also has great influence on fuel yield. Master students, PhD scholars, all the faculties of the department and faculties from sister departments attended the programme. In brief, it was a very informative seminar on agrobased biorefineries.