



Strengthening Networking on Biomass Research and Bio-waste Conversion – Biotechnology for Europe India Integration (SAHYOG)

www.sahyog-europa-india.eu

2nd SAHYOG SUMMER SCHOOL Tezpur University 20-26 July, 2014

Organized by



Department of Energy
School of Engineering
Tezpur University
Assam, INDIA





ORGANIZERS

The Tezpur Summer School will be organised by the responsible *SAHYOG* partner, Tezpur University, Tezpur, Assam, India, and particularly by the Department of Energy, a dedicated Department with thrust areas on Renewable energy, energy conservation and management and energy environment interaction.

VENUE

The Summer School will take place in the Department of Energy, School of Engineering, Tezpur University, Napaam, Tezpur, Sonitpur-784028, Assam, India.

TIME

According to the *SAHYOG* manifesto, the Summer School duration will be one full week in the third week of July, 2014.

ACCOMODATION

The organizer shall arrange to reserve a number of rooms at the Tezpur University Guest House, for single or double use. These rooms will be offered free of charge for use by the participants nominated by the *SAHYOG* partners, on a first come – first serve basis, with priority to European participants. A number of low price rooms at University Hostels will be secured for other Summer School participants.

OBJECT

The second *SAHYOG* Summer School is intended to be held with an aim of stimulating the research cooperation between Europe and India in the project field, planned within the project *SAHYOG*. This time, School encompasses broad range of recent developments on biomass and bio-waste conversion including sustainability and LCA of biomass energy for rural development.



PARTICIPATION

To meet the targets of the Summer School, and make good use of the project resources, participation will be limited to a well-balanced group of few young Indian and European junior level researchers, to be selected by the organisers, following the Summer School official announcement and submission of applications.

Ideally, the class will consist of a mix of 10-15 Indian and another 10-15 European participant of the following levels: post-doctoral researchers, doctoral candidates and other post-graduate students active in research, as well as diploma thesis-level and other advanced undergraduates. However, the total number of participants shall be restricted to 25.

TRAINING FEE

The Summer School full fee covers: participation, boarding, venue and materials, lunch and coffee/tea, welcome and farewell parties, industry visits, city tour & excursion and local transfer.

The fee for Indian participants nominated by *SAHYOG* partners or recommended by head of the Institutes and selected by the organiser will be **Rs. 5000/-**.

European participants nominated by *SAHYOG* partners or recommended by head of the Institutes and selected by the organizer shall need to pay **200 Euros**.

SCIENTIFIC TOPICS

The list of themes as highlighted below for the Tezpur Summer School, 2014 is chosen on the basis of the underlying objectives of the *SAHYOG* project in general.

The future bio-based economy as envisaged in the *SAHYOG* project, has its requirement of ecological sustainability of biomass production with economic viability for meeting societal concerns. Further, a cascading use of biomass for high-value materials, which are reused in bulk materials and finally used for production of biofuels and power is the ultimate objective of the biobased economy.

In this perspective, the following themes are chosen to cover both upstream and downstream processes of biomass production and utilization. Further, themes on life cycle analysis and societal impacts of biomass production & utilization are also included.

- *Biomass assessment, characterization, production and improvement;*
- *Biomass conversion: Science, Technology, and Biotechnology;*
- *Sustainability and LCA of biomass use;*
- *Biomass, society and rural development*



APPLICATION – DEADLINE – SELECTION PROCEDURE

Interested young Indian and European researchers are kindly invited to express their intention by email (sahyog.ss2@tezu.ernet.in) to the Summer School Secretariat, along with (a) their CV and (b) a brief rational (max. 1 page) on the links of their research with their attendance of the Summer School.

The selection procedure will be based on

- (i) the relevance of the Summer School to the applicant's research;
- (ii) his/her CV and scientific and technological qualities; and
- (iii) his/her nomination by SAHYOG partners/recommendation by head of the Institute

In addition, the need to form a well-balanced class profile will be taken into account.

Application dead line is March 31, 2014

The list of selected participants shall be available in the SAHYOG website within second week of April, 2014

Tezpur Summer School Secretariat Contact Information

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