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Important Dates:

Extended abstract submission 30th August, 2019

(500 words)

Acceptance notification 15th September, 2019

Full paper submission for selected papers 30th September, 2019

Accommodation:

On request accommodation for the delegates can be arranged in different Hotels at their own cost.

Exhibition:

An exhibition of Chemical Engineering and Biotechnology Equipment, instruments, and books is proposed during the conference days. Limited stalls (10 ft x10 ft) will be available on rent basis (INR: 50,000/- per stall).

Local Organizing Committee

Chairpersons

Prof. (Dr.) Sulagna Chatterjee, HoD, CHE, HITK

Prof. (Dr.) Srabanti Basu, HoD, BT, HITK

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Prof. Jayati Datta, HoD, Chemistry & Environment, HITK

Mr. Arvind Srivastava, Joint Registrar, HITK

All Correspondence Please Send To:

Organizing Secretary ICABET-2020

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2nd International Conference on Advances in Bioprocess Engineering and Technology ICABET-2020

&

Young Scientist Award (YSA-NN)

On

Nanomaterials and Nanotechnology

In partnership with



January 20-22, 2020

Organized by

Dept. of Chemical Engineering & Dept. of
Biotechnology

Heritage Institute of Technology

994, Madurdaha, Chowbagha Road, Anandapur,
Kolkata-700107, West Bengal, India

<http://www.heritageit.edu/icabet20/icabet.aspx>

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ABOUT THE CONFERENCE

Bioprocess Engineering is the application of different biotechnological processes for manufacturing of biological products using living cells. The significance of Bioprocess Engineering lies not only to deliver value added products such as beverages, primary and secondary metabolites, cells, tissues, vaccines, and therapeutic proteins, but also to generate wealth from renewable sources and minimize man-made environmental pollution. Along with this main theme, the conference will also cover important recent areas in Bioprocessing Research such as biosensors, micro-reactors, novel separation techniques, bioprocess control, biosafety, advanced techniques for waste to wealth generation, and nanobiotechnology.

This conference aims to be a remarkable event which brings together national and international mix of researchers, faculty members from leading research institutions and universities and also executives from clinical and pharmaceutical industries. **ICABET-2020** will be a right platform to share research experience, discussion over emerging innovations on Bioprocess Technology and foster collaboration with academia and industry.

About the Institute (HITK)

Inspired by the noble cause of education and philanthropic zeal, a group of twenty two likeminded industrialists in Kolkata established in 1990 the Kalyan Bharati Trust (KBT), a public charitable foundation, to promote and provide higher education in the country and in West Bengal, in particular. To achieve the KBT's objective, the Heritage Institute of Technology (HIT-K) was set up in 2001. The academic programs of HIT-K are accredited by National Board of Accreditation (NBA) and was accorded the independent autonomous status by UGC w.e.from the academic session 2014-2015. The Institute is also one of only 25 private unaided engineering institutions across the country selected for Technical Education Quality Improvement Program (TEQIP), Phase-II, a World Bank funded initiative of MHRD, Government of India. The institute has several collaborative programs with different Premier Institutions and Industries in National and International level to promote the joint research activity and summer research

Conference Highlights:

A special oral presentation session would be conducted as a part of the conference in the name of Young Scientist Award on **Nanomaterials and Nanotechnology (YSA-NN)**. Award will be given to the two best speakers. This includes certificate of appreciation and prize money of **Rs. 5000/- and 3000/-** for best speaker and runner up, respectively. The participant's should be either faculty/research scholar/scientist below 35 Years age as on 20.01.2020.

Call for paper

The conference is expected to address the following topics but not limited to: ICABET 2020 invites original scientific research papers for the oral/poster presentation.

Fermentation Technology and Bioreactor

- Bioprocessing and Fermentation Technology
- Bioreactor Design and Optimization
- Bioprocess Modeling, Simulation and Control
- Biosafety, Biosensors, Bio-separations
- Bioseparation and Downstream Processing

Food, Pharmaceuticals and Healthcare

- Agricultural and Plant Biotechnology
- Biopharmaceuticals
- Bioprocessing of Food
- Cell Line Development
- Biotechnology in Healthcare
- Drug Discovery and Development
- Nanobiotechnology

Environment and Agriculture

- Environmental Biotechnology and Biodiversity
- Wastewater treatment
- Carbon sequestration and storage
- Bioremediation: solid and liquid wastes
- Green organic synthesis routes
- Recovery and recycling of effluents
- Value added products from wastes
- Plant tissue Culture
- Plant Biotechnology and Medicinal plants

Sustainable Energy

- Bio-based solar cell, Organic solar cell
- Microbial fuel cell, Hydrogen fuel cell
- Biofuel and energy processing
- Green energy
- Low cost and innovative technologies
- Sustainable and renewable energy
- Advance technologies for alternative fuels
- Waste-to-energy technology

Registration Fee:

Registration fee covers registration kit, lunch, and participation certificate. Please visit conference website for the registration process.

Category	Early Bird (On or before 30th October, 2019)	Till 30 th December , 2019
Faculty	4000	5000
Research Scholar	2500	3000
Student	1000	1500
Industry	6000	8000
Accompanying Person	1000	1500
Foreign Delegates	300 USD	400USD

Mode of Payment:

All payment would be made electronically (e-payment) through payment gateway (Debit card/ Credit card/ Net banking). Please visit registration page of conference website.

Abstract Submission

Accepted abstract will be invited to give the oral/poster presentation at the conference, based on peer-review process.

Please send the ABSTRACT to Electronic Submission System.

The graphical abstract should be at maximum 300 words. The page margins should be 30 mm for top, right, left, and bottom. Title of the paper (style: "Paper Title", 14 points, bold, centered) single rows, and is followed by 1.5 line spacing, Times New Roman 12 front.

N.B: Kindly visit conference website for the Abstract Template and online submission (EasyChair).

<https://easychair.org/conferences/?conf=icabet2020>

Proceedings Publication

The selected and accepted full papers after the peer-review process will be published as Book Chapter of book volume published by **Springer**.

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