INTERNATIONAL CONFERENCE ON



FUTURE ASPECTS OF SUSTAINABLE **TECHNOLOGIES**

Convener : Dr. Pranjal Kalita

Co-Convener : Dr. Gautam Chandra Ray Dr. Manasi Buzar Baruah

Contacts: 84472-94108, 70860-60021, 94013-75779, 94351-20216

For further information please visit www.cit.ac.in

Organized by:



CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR

(Deemed to be University under MHRD, Govt. of India) KOKRAJHAR, ASSAM, PIN- 783370, INDIA

Date: 11 - 12 November, 2019 Venue: Padmashree Madaram Brahma Seminar Hall Email: fast2019.cit@gmail.com



PAPERS

FOR

CALL

THEMES

- **Renewable Energy**
- **Emerging Technologies for Green** Energy
- Alternative Fuel & Bio-fuel
- **Energy Management & Policy**
- **Energy Storage and Power Engineering** Þ
- Sensors and Devices
- Green Materials and their activities
- Waste Management
- **Chemical & Physical Sciences**
- **Architecture and Green Buildings**
- **Atmospheric Science**
- Nano Science Technology
- Life Science & Bioengineering
- **Computational & Mathematical** Science

| Category | Early Bird | Late | |
|----------------------|------------|----------|--|
| Students | ₹ 1500/- | ₹ 2000/- | |
| Researchers | ₹ 2500/- | ₹ 3000/- | |
| Academicians | ₹ 3500/- | ₹ 4000/- | |
| Industry / Corporate | ₹ 5000/- | ₹ 6000/- | |
| Abroad | USD 100 | USD 125 | |

Mode of payment: Online transfer / Net Banking

REGISTRATION FEE DETAILS Account details: Bank name - Axis Bank

Account name: FAST 2019. A/C: 919020079456167

IFSC : UTIB0001781, Address: Axis Bank Ltd, J. D. Road, Ward no. 4,

Kokrajhar, Assam, Pin: 783370, India

The abstract of paper (not exceeding 200 words), should be submitted to fast2019.cit@gmail.com by 28th October 2019. The decision of the organizing committee for the acceptance/rejection will be final. The authors are requested to submit their abstract in the following format.

- Font type: Times New Roman \geq
- \geq Title: A concise title with font size 14. Bold
- Author: Font size 12, regular \geq
- Affiliation: Font size 10, regular
- Email id, phone number, one copy passport size photo with bibliography and star mark (*) of the corresponding author

CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR

Central Institute of Technology Kokrajhar (CITK) is a deemed to be university under MHRD, Govt. of India. The genesis of this institute was the memorandum of Settlement on Bodoland Territorial Council (BTC) signed in New Delhi by the Assam Government, the Union Government and Bodo Liberation Tigers, on 10 February 2003. CITK, a fruit of the memorandum was established on 19 December 2006 in Kokrajhar of Bodoland Territorial Area District, Assam. The institute is situated 10 KM north to Kokrajhar Town. This institute is an autonomous body registered under the Society Registration Act. 1860 and is functioning under a Board of Governor (BOG). Currently it is offering Diploma, B. Tech., B. Design, M. Tech., M. Design and PhD.

MEMBERS, ORGANIZING COMMITTEE

Patron: Mr. Kampa Borgoyary, Deputy Chief, BTC Chairman: Prof. Debkumar Chakrabarti, Director CITK Conveners: Dr. Pranjal Kalita Co-Conveners: Dr. Gautam Chandra Roy &

Dr. Manasi Buzar Baruah

International Conference on

Future Aspects of Sustainable Technology (FAST-2019) Date: 11 - 12 November, 2019 Venue: Padmashree Madaram Brahma Seminar Hall Email: fast2019.cit@gmail.com

FAST-2019 (FUTURE ASPECTS OF SUSTAINABLE TECHNOLOGIES)

This conference provides a National forum for academicians, researchers, developers and industry professionals to exchange their valuable ideas and showcase the ongoing works which may lead to path breaking foundation of the futuristic growth in science engineering and technology. The aim of this conference is to deliberate and disseminate knowledge on various aspect of inter disciplinary sciences, integrated systems, global and local issue, state of the art, tools and technologies etc. Bring together the academicians, scientists, engineers and manufacturers from various institutions, universities, colleges and industries to discuss the relevance of various futuristic technologies emerging in this area throughout the world and share their views.

| | 1. | Prof. Bharat Dahiya, Thammasat University, Bangkok | |
|---|----|--|--|
| D S | 2. | Prof. D. C. Baruah, Tezpur University, Assam, India | |
| Шс | 3. | Prof. V. V. Goud, IIT Guwahati, Assam, India | |
| Σш | 4. | Prof. Manoj Kumar Paul, Assam University, Assam, India | |
| <u><u></u></u> | 5. | Dr. R. K. Pai, Scientist, DST, New Delhi, India | |
| | 6. | Dr. Piyali Das, TERI, New Delhi, India | |
| | 7. | Dr. Pankaj Kalita, IIT Guwahati, Assam, India | |
| | 8. | Dr. Manjit K Bhattacharyya, Cotton University, India | |
| С S | 9. | Dr. Jyotishmoy Borah, BBEC Kokrajhar, Assam, India | |

10. Industry Personality, IOCL Bongaigaon, Assam, India

INTERNATIONAL ADVISORY COMMITTEE

- 1. Prof. Bharat Dahiya, Thammasat University, Bangkok
- 2. Prof. Monomoy Goswami, CIT Kokrajhar, India
- 3. Prof. Hemanta Kalita, CIT Kokrajhar, India
- 4. Dr. Avik Mukherjee, CIT Kokrajhar, India
- 5. Prof. D. C. Baruah, Tezpur University, India
- 6. Prof. V. V. Goud IIT Guwahati
- 7. Dr. R. K. Pai, Scientist, DST, New Delhi
- 8. Prof. K. K. Pant, IIT Delhi, India
- 9. Dr. Piyali Das, TERI New Delhi, India
- 10. Prof. Manoj Kumar Paul, Assam University, India

LOCAL ORGANIZING COMMITTEE

Dr. Arunendu Mondal Dr. Gunajyoti Das Dr. Anamika Kalita Dr. Rajib Lochan Hota Mr. Mahananda Brahma Dr. Sahalad Borgoyary Dr. Diganta Jyoti Sarma Mr. Abhijit Padun Ms. Susmita Roy Dr. Kaushik D Sarmah Dr. Agile Mathew Mr. Shafi Kamal Rahman Mr. Gunajit Sarma Ms. Omem Peron Ms. Mainao Alina Gayary Dr. Kaushik Barman