

INNOVATIONS FOR GLOBAL SUSTAINABILITY

**THEME: ENABLING INDIA TO DEVELOP, PRODUCE, LEAD THRU
INNOVATIVE PRODUCTS & SERVICES TO ATTAIN GLOBAL
SUSTAINABILITY**

CONFERENCE: JAN. 17-18, 2020

DATE: JAN. 17, 2020

**VENUE: JIS INSTITUTE OF ADVANCED STUDIES AND
RESEARCH (JISIASR),
SECTOR V, SALT LAKE, KOLKATA**

[Limited Attendees due to Capacity Constraint]

**FOCUS THEME: Sustainability Challenges and Road Map to
Future**

PROGRAM DURATION: 1:00 P.M. - 5:30 P.M.

INAUGURAL SESSION: 1:00 P.M. - 1:30 P.M.

**WELCOME: Prof. Ajoy Kumar Ray [Director, JISIASR, (Former Director, IEST)]
OBJECTIVE: Dr. Arup Bhattacharyya [CEO, ADI Bhattacharyya 5I Foundation]**

(Followed By Topics plus Summary as Follows)

Experts from IIT Kanpur, IIT Kharagpur, IEST Shibpur, JIS Institute of Advanced Studies and Research as well as from overseas academia and industry will address and participate in discussions.

A. Challenges to Sustainability: 1:30 P.M. - 2:15 P.M.

Panel Discussion:

Panelist

Dr. Arup Bhattacharyya [CEO, ADI Bhattacharyya 5I Foundation], Prof. Ajoy Kumar Ray [Director, JISIASR], Prof. S. P. GonChoudhury [International Solar, India]

B. Challenges and Contribution to Academic Institution:

2:15pm To 3:30pm

Keynote Address: 2:15 P.M. - 2:45 P.M.

Prof. Samir Chatterjee, [Professor & Fletcher Jones Chair of Technology Design & Management School of Information Systems & Technology, Claremont Graduate University, Claremont, CA, USA

Panel Discussion: 2:45 P.M. - 3:30 P.M.

Panelists:

Prof. Hiranmay Saha, [CEGESS, IEST, Shibpur], Prof. Priyabrata Sarkar [Director CIT, Kolkata] and Prof. Gopa Sen [Head, Radio Physics, CU]

Coffee Break- 3:15 to 3:30 pm

C. Academia-Industry Interactions: 3:30 P.M. - 4:15 P.M.

Panel Discussion:

Panelists:

Prof. Sudheer Kumar (IIT-Kanpur), Prof. Tarun Bhattacharyya [IIT, Kharagpur, India], Prof. S. P. Bhattacharya [JISIASR, Formerly Ex.Director (E,R&D), HAL], Mr. Sumant Bhutoria [CEO, Alfatek System,Kolkata], Prof. Suman Sengupta [JISIASR]

D. Roles of Academia-Industry-Government: 4:15 P.M. - 5:15 P.M.

Panel Discussion:

Panelists:

Prof. Raghunath Bhattacharyya, [Adjunct Professor,IEST (Ex NPL)], Mr. Prodig Mukhopadhyay , MD , West Bengal Electronics Industries Development Corp.], Mr. Ajit Saha [CEO, Eastern Transformer, Kolkata], Prof. Arun Kr. Majumdar (Emeritus Professor JISIASR and Advisor, Kolkata, Formerly Professor IIT Kharagpur), Mr. Atul Agarwal [Managing Director, APT Software Avenue Ltd, Kolkata]

F. Concluding Address: Prof. Ajoy Kumar Ray 5:15 P.M. - 5:30 P.M.

DATE: JAN. 18, 2020

**VENUE: LALIT GREAT EASTERN, KOLKATA: 1,2,3 Old
Court House Street, Dalhousie, Kolkata-700069**

**THEME: INNOVATIVE PRODUCTS & SERVICES IN VARIOUS FIELD
IN BOTH LOCAL & GLOBAL STAGE TO ADDRESS
SUSTAINABILITY**

PROGRAM DURATION: 9:00 A.M. - 5.15 P.M.

REGISTRATION: 9.00 A.M. - 9:30 A.M.

INAUGURAL SESSION: 9:30 A.M. - 10:00 A.M.

WELCOME, OBJECTIVE AND WORKSHOP

**Address by: Dr.Arup Bhattacharyya,
[CEO, ADI BHATTACHARYYA 5I FOUNDATION]**

PLENARY SESSION: 10 A.M. - 10:45 A.M.

**THEME: DANGER TO GLOBAL ECO SYSTEM SUSTAINABILITY AND
AWARENESS**

Video: National Geography – 6Min.

**Key Note Address 1: Prof. Ajoy Kumar Ray [Director, JISIASR,
Former Director, IEST]**

**Key Note Address 2: Prof. S. P. GonChowdhury [International Solar,
India],**

TEA BREAK: 10:45 A.M. – 11:00 A.M.

SESSION 1: 11:00 A.M. - 12:00 A.M.

THEME: TECHNOLOGY INNOVATIONS: ENVIRONMENT, RENEWABLE ENERGY AND SPECIAL APPLICATIONS

Chair: Prof Hironmoy Saha [CEGESS, IEST]

SPEAKERS:

Dr. Arup Bhattacharya (CEO-ADI Bhattacharyya 5I foundation]

Dr. Subhendu Guha (Former Chairman United Solar)

Dr. Sudhir Kumar, [Professor, IIT, KANPUR]

Prof. S. P. Bhattacharya [JISIASR, (Formerly Ex. Director (Engg. R&D), HAL)]

SESSION 2: 12:00 P.M. - 13:15 P.M.

THEME: ENABLING ENTREPRENEURSHIP: POSSIBILITIES IN HEALTH CARE

Chair: Dr. Kollol Chattopadhyay (Co-founder Manipal Acunova & Aviator Life Science)

SPEAKERS:

Prof. Samir Chatterjee [Professor & Fletcher Jones Chair of Technology Design & Management School of Information Systems & Technology, Claremont Graduate University, Claremont, CA, USA

Prof. (Dr.) R. R. Paul- JIS Univ. (GNIDSR)

Prof. Ajoy Kr. Ray – Director, JISIASR, (Formerly Director IEST)]

Prof. Sujoy Chatterjee –HOD, Health Technology, JISIASR

LUNCH & EXHIBIT BREAK PLUS VIDEO: 13.15 P.M. - 14.00 P.M.

SESSION 3: 14:00 P.M. - 15:15 P.M.

THEME: ELECTRONICS FOR TOMORROW THRU' ESTABLISHING ENABLERS FOR SMART APPLICATION PLATFORMS

Chair: Mr. Shyama Prasad Dutt (GAABESU)

SPEAKERS:

Prof. Arup Bhattacharyya – ADI Bhattacharyya 5I Foundation]

Prof. Tarun Bhattacharyya – [Professor, IIT Kharagpur]

Prof. Sugato Ghosh (Project Scientist CGCRI Kolkata) and Mr. Indranil Das (CEO Synchro Electronics)

Mr. Sumant Bhutoria [CEO, Alfatek System, Kolkata]

COFFEE BREAK: 15:15 P.M. - 15:30 P.M.

SESSION 4: 15:30 P.M. - 16:45 P.M.

THEME: TECHNOLOGY INNOVATIONS: MACHINE LEARNING AND DATA SCIENCE

Chair: Dr. Raghunath Bhattacharya [IEST]

SPEAKERS:

**Mr. Prodip Mukhopadhyay–MD, WB Electronics Industries Development Corp]
Prof. Arun Kr. Majumdar–[Emeritus Professor, JIASR, (Formerly (Prof. IIT-Kgp)]
Dr. Sandipan Sarkar (Distinguished Engineer, IBM)
Mr. Atul Agarwal [MD, APT Software Avenue Ltd]
Prof. Suman Sengupta- JIASR**

Video: Water from AIR: A Recent Innovative Solutions

SESSION 5: 16:45 P.M. - 17:30 P.M.

PANEL DISCUSSIONS: ROAD MAP TO ADDRESS SUSTAINABILITY

**MODERATOR: Dr. Arun Deb (Global Water Alliance, Philadelphia) &
Mr. Prabir Neogi (Member, International Telecommunication Society)**

**PANELISTS: Prof. S. P. GONCHOUDHURY, Prof. HIRANMOY SAHA & Mr. SANDIPAN
CHATTOPADHAYA
Prof. PRIYABRATA SARKAR, Dr. SUGATO GHOSH, Mrs. Anjana Ganguly Roy (GAABESU,
Formerly IBM) & Mr. MITHUN BANNERJEE**

**FINAL SESSION: 17:30 P.M. - 17:45 P.M.
CLOSURE & RECOGNITION FROM ADI BHATTACHARYYA 5I
FOUNDATION**