

**PROGRAMME DETAILS FOR NATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT
THROUGH INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**

SEPTEMBER 28, 2012

09:00 am Reporting at **TEQIP Building** and Submission of **Posters of A0 size (~1.2m vertical length and 0.8m width)** for **Poster no. 1-60**

Programme at Gandhi Bhaban

10:00am to 10:30 am **Inaugural Session: Dr. Samantak Das**, Jadavpur University (**Coordinator**)
10:05am Welcome Address by Prof. Dipankar Sanyal, Organising Secretary
10:10am Address by Prof. Siddhartha Datta, Chairman, Organising Committee and Pro-Vice Chancellor, Jadavpur University
10:20am Address by Dr. Amalesh Mukhopadhyay, Scientist, DST, GOI
10:25am Vote of Thanks by Prof. Subhash Chandra Bhattacharyya, Vice-Chairman, Organising Committee

10:30am to 11:30am **Keynote Address**
By **Prof. Kankan Bhattacharyya**, Director, IACS, Jadavpur on *Sustainable Development – Challenges Faced by India*
Chairperson: Prof. S. P. Moulik, Emeritus Prof., Jadavpur University

11:30am to 12:00hrs **Tea Break**

Technical Sessions at TEQIP Building

Invited Lecture Session 1: **Chairperson: Prof. Manoj Mitra**, Jadavpur University
12hrs-12:45am Lecture by **Dr. S.P. Gon Choudhuri**, Energy Consultant, National Level Monitor Panelist, MNRE, GOI
12:45pm-1:30pm Lecture by **Dr. A Mukhopadhyay**, Scientist, DST, GOI

1:30pm-2:30pm **Lunch Break**

Invited Lecture Session 2: **Chairperson: Prof. Subhash Chandra Bera**, Jadavpur University
2:30pm-3:15pm Lecture by **Prof. Sunando Dasgupta**, Chemical Engineering Department, IIT, Kharagpur.
3:15pm-4:00pm Lecture on *Role of Nanotechnology in Sustainable Development* by **Prof. Pushan Ayyub**, TIFR, Dept of Condensed Matter Physics and Materials Science, Mumbai,

Poster Session I
4:00pm -5:15pm **Chairperson: Prof. (Retired) Dulal Chandra Mukherjee**, Calcutta University

Invited Lecture Session 3: **Chairperson: Prof. Tapan Kumar Ghoshal**, Jadavpur University
5:15pm -6:00pm Lecture on *Smart Grids* by **Prof. S A Khaparde**, Electrical Engineering Department, IIT Bombay

Cultural Programme at Gandhi Bhaban

6:30pm -7:30pm Solo Tabla/Drum performance by **Sri Bickram Ghosh**

Dinner at University Guest House

7:30pm -9:00pm Conference Dinner

SEPTEMBER 29, 2012

Technical Sessions at TEQIP Building

10:00am-10:30am Submission of **Posters of A0 size** for **Poster no. 61-122**

Invited Lecture Session 4: **Chairperson: Prof. Ranjit Kumar Mazumdar**, Jadavpur University
10:30am-11:15am Invited Lecture by **Dr. Himadri Guha**, Consulting Engineer
11:15am-12:00hrs Invited Lecture by **Prof. S. S. Rai**, Chief Scientist, National Geophysical Research Institute, Hyderabad

12:00hrs-12:15pm **Tea Break**

Invited Lecture Session 5: **Chairperson: Prof. (Retired) P. Niyogi**, IIT, Kharagpur
12:15pm -1:00pm Invited Lecture on *Mathematical Modeling to Improve Agricultural Production Using of Zeolites* by **Prof. N. Rudraiah**, Honorary Prof., UGC CAS in Fluid Mech, Bangalore University, Karnataka

1:00pm-2:00pm **Lunch Break**

Poster Session II
2:00pm-3:15pm **Chairperson: Prof. Samir Kumar Saha**, Jadavpur University
3:15pm-4:00pm **Valedictory**