## Programme Details for National Conference on Sustainable Development Through Innovative Research in Science and Technology

**SEPTEMBER 28, 2012**

### Programme at Gandhi Bhaban

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00 am</td>
<td>Reporting at TEQIP Building and Submission of Posters of A0 size (~1.2m vertical length and 0.8m width) for Poster no. 1-60</td>
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<tr>
<td>10:00 am to 10:30 am</td>
<td>Inaugural Session: Dr. Samantak Das, Jadavpur University (Coordinator)</td>
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<td>10:05 am</td>
<td>Welcome Address by Prof. Dipankar Sanyal, Organising Secretary</td>
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<td>10:10 am</td>
<td>Address by Prof. Siddhartha Datta, Chairman, Organising Committee and Pro-Vice Chancellor, Jadavpur University</td>
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<td>10:20 am</td>
<td>Address by Dr. Amalesh Mukhopadhyay, Scientist, DST, GOI</td>
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<td>10:25 am</td>
<td>Vote of Thanks by Prof. Subhash Chandra Bhattacharyya, Vice-Chairman, Organising Committee</td>
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<td>10:30 am to 11:30 am</td>
<td>Keynote Address By Prof. Kankan Bhattacharyya, Director, IACS, Jadavpur on Sustainable Development – Challenges Faced by India</td>
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<td>Chairperson: Prof. S. P. Moulik, Emeritus Prof., Jadavpur University</td>
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### 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: Tea 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
- Chairperson: Prof. (Retired) Dulal Chandra Mukherjee, Calcutta University
- 4:00pm -5:15pm

#### 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

#### Invited Lecture Session 4:
- Chairperson: Prof. Ranjit Kumar Mazumdar, Jadavpur University
- 10:00am-10:30am: Submission of Posters of A0 size for Poster no. 61-122
- 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

#### Poster Session I
- Chairperson: Prof. Samir Kumar Saha, Jadavpur University
- 1:00pm-2:00pm: Lunch Break

#### Valedictory
- 3:15pm-4:00pm