

**Thursday - 30.07.2015**

Time	Session	Lecture Title and Speaker
09:50 Hrs	<b>CO<sub>2</sub> Bio-Sequestration</b>	<b>Chairman: Prof. P. S. Yadav</b>
10:00 Hrs		<i>Enhanced carbon dioxide utilization by plants grown in Free Air Carbon dioxide Enrichment (FACE) facility</i> Prof. B. C. Tripathy, JNU
10:45 Hrs		<i>Soil as Source &amp; Sink for Atmospheric CO<sub>2</sub></i> Dr. Tapas Bhattacharya ICRISAT Development Centre
11:30 Hrs	Tea	
11:45 Hrs		<i>Soil carbon stock and CO<sub>2</sub> flux in different terrestrial ecosystems of North East India</i> Prof. P.S. Yadav, Manipur University
12:45 Hrs	<b>Q&amp;A</b>	
<b>Lunch Break</b>		
14:00 Hrs	<b>CO<sub>2</sub> Storage</b>	<b>Chairman: Shri A.K. Bhandari</b>
14:10 Hrs		<i>Alternatives &amp; Challenges for CO<sub>2</sub> Storage: India's Perspective</i> Dr. B. Kumar National Geophysical Research Institute
14:50 Hrs		<i>Seaweeds: A Potential Reservoir of Carbon</i> Dr. Abhijit Mitra, University of Calcutta
15:30 Hrs		<i>Clathrate hydrates: A powerful tool to mitigate greenhouse gas</i> Dr. Pinnelli S.R. Prasad National Geophysical Research Institute
16:15 Hrs	<b>Q&amp;A</b>	
16:30 Hrs	Tea	

**Friday - 31.07.2015**

<b>Concluding Session</b>		
10:00 Hrs	<u>Round Table Discussions</u>	Chairman: Dr. M. P. Narayanan
10:15 Hrs	<u>Guest Lecture</u>	CO <sub>2</sub> Reduction Strategies in Energy Sector in India
11:00 Hrs	Open Round Table: CCSU - Towards a Low Carbon Growth Strategy	
Perspectives from Government, Industry, Academia, Policy Centers		
12:00 Hrs	Tea Break	
12:15 Hrs	<u>CO<sub>2</sub> Storage &amp; EOR</u>	<i>Carbon Dioxide storage and Enhanced Oil Recovery</i> Shri Gautam Sen, Ex-ED, ONGC
13:00 Hrs	Concluding Remarks	
13:10 Hrs	Lunch	



## Awareness and Capacity Building on Carbon Capture, Storage and Utilization: Towards a Low Carbon Growth Strategy (ACBCCS 2015)

July 27-31, 2015

At  
**India International Centre**  
Lodhi Road, New Delhi-110003

# Programme

**Monday - 27.07.2015**

### Inaugural Session

14:30-15:00 Hrs	Registration
15:00-15:10 Hrs	<u>Welcome Address</u> by Dr. Malti Goel
15:10-15:20 Hrs	<u>Chairman's Address</u> by Dr. D. P. Agarwal
15:20-15:35 Hrs	<u>Special Address</u> by Dr. Jyoti Parikh
15:35-15:50 Hrs	<u>Guest Address</u> by Dr. M.P. Narayanan
15:50-16:05 Hrs	<u>Inauguration Address</u>
16:05-16:55 Hrs	<b>Key Note Address</b> – Carbon dioxide Management – Aluminium Industry Perspective, by Dr Anupam Agnihotri, Director JNNRDC, Nagpur
16:55-17:00 Hrs	Vote of Thanks
17:00 Hrs	High Tea

**Tuesday – 28.07.15**

Time	Session	Title and Speaker
09:50 Hrs	<u>CO<sub>2</sub> Abatement &amp; Removal</u>	<b>Chairman: Shri V. S. Verma</b>
10:00 Hrs	<u>To Set the Tone</u>	<i>Power Sector Development vis-a-via CO<sub>2</sub> Abatement</i> Shri V.S. Verma, Former Member CERC
10:30 Hrs		<i>Overview of Carbon Dioxide Removal Processes and Capacity Building in CCSU</i> Dr. (Mrs.) Malti Goel, Professor (Adjunct) Jamia Hamdard
11:30 Hrs	Tea	
11:45 Hrs	CO <sub>2</sub> Utilization	<i>Climate Change Mitigation via Utilization</i> Dr. K. Palanivelu, Anna University
13:45 Hrs	<b>Q&amp;A</b>	
<b>Lunch Break</b>		
14:00 Hrs	<u>Industry Perspective</u>	<b>Chairman: Dr. K. Palanivelu</b>
14:15 Hrs		<i>CO<sub>2</sub> Utilization in Coal-fired Power Plant: Industry Perspectives</i> Dr. K. Sudhakar, NIT, Bhopal
15:15 Hrs		<i>Long Term Microbial Carbon Sequestration Options For Enhanced CO<sub>2</sub> Utilization</i> Prof. T. Satyanarayana University of Delhi
16:15 Hrs	<b>Q&amp;A</b>	
16:30 Hrs	Tea	

**Wednesday - 29.07.2015**

Time	Session	Lecture Title and Speaker
09:50 Hrs	<u>Industry Perspectives</u>	<b>Chairman: Dr. Ajay Mathur</b>
10:00 Hrs		<i>Efficiency Improvement Strategies: Energy Industry</i> Dr. Ajay Mathur, DG, BEE
10:45 Hrs		<i>Aqueous NH<sub>3</sub> in CO<sub>2</sub> Capture from Coal Fired Thermal Power Plant Flue Gas: N-Fertilizer Production Potential &amp; GHG Emission Mitigation</i> Dr. Amitava Bandyopadhyay University of Calcutta
11:30 Hrs	Tea	
11:45 Hrs		<i>Carbon Management – Steel Industry Perspective</i> Dr. S. Sarkar, Tata Steel
12:45 Hrs	<b>Q&amp;A</b>	
<b>Lunch Break</b>		
14:00 Hrs	<u>Special Session</u>	<b>Chairperson:</b>
14:15 Hrs		<i>Low Carbon Growth Strategy for India Based on Oxy-Combustion Carbon Capture and CO<sub>2</sub> Utilization For Enhanced Coal Bed Methane [ECBM] Recovery</i> Dr. Thomas Weber, Jupiter Oxygen Corp.USA
15:15 Hrs		<i>Coal bed Methane recovery Status and technological Issues in India</i> Dr. Vinod Mendhe, CIMFR, Dhanbad
16:15 Hrs	<b>Q&amp;A</b>	
16:30 Hrs	Tea	