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Presents



National Conference on
**SUSTAINABLE URBAN
TRANSFORMATION**

15TH November 2025
TAJ AMBASSADOR, NEW DELHI



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NCE BENGAL &
JADAVPUR UNIVERSITY
DELHI CHAPTER**

**BENGAL CHAMBER OF
COMMERCE
&
INDUSTRY**

IN ASSOCIATION WITH

**DAMODAR VALLEY
CORPORATION DVC**

**NATIONAL CONFERENCE
ON**

**SUSTAINABLE URBAN
TRANSFORMATION**

**TAJ AMBASSADOR NEW DELHI
15TH NOVEMBER 2025**



Programme

9:00 a.m.- 10:00 a.m.	Tea/Coffee and Registration	
10:00 a.m. onwards: Inaugural Session: Setting the scene highlighting the critical importance of well-planned and sustainable cities for India in quest of our mission to be a developed nation.		
10:00 a.m.-10:10 a.m.	Welcome Address	Ritwik Sengupta , President, JU Alumni Association, Delhi Chapter & Founder Partner Nelsa Projects Consultants LLP
10.10 a.m. – 10.20 a.m.	Opening Remarks with Industry Perspectives	Abhijit Roy , President, BCC&I and Managing Director & CEO, Berger Paints India Ltd
10.20 a.m. – 10.35 a.m.	Special Address	Ghanshyam Prasad , Chairperson, Central Electricity Authority (CEA)
10.35 a.m. – 10.50 a.m.	Visionary Address	Swapan Dasgupta , Former Member of Parliament in Rajya Sabha, Padma Bhushan awardee 2015
10.50 a.m. – 11.05 a.m.	Conference Address	Amrit Lal Meena, IAS , Former Chief Secretary Govt of Bihar & Secretary Coal Ministry, Govt. of India
11.05 a.m. - 11.15 a.m.	Release Souvenir Message from Shri D V Kapur , Founder CMD, NTPC; Former Secretary to Government of India- Ministries of Power, Heavy Industry and Chemicals & Petrochemicals, Former NCE, Bengal Jadavpur, BEE (Hons) 1951	
11.15 a.m. -11.25 a.m.	Conclusion of the Inaugural Session	Biswapriya (BP) Mukherjee , Programme Convenor, Vice President, JU Alumni Association, Delhi Chapter & Founder & CEO Oprorise Solutions Pvt. Ltd.
Emceeding by Angana Guha Roy Chowdhury , Assistant Director General, BCC&I		
11.25 a.m. - 11.35 a.m.	Change Over	
Precursor to the Core Sessions: Deconstructing the Agenda for Setting the Objectives Session Moderator: Debdeep Bose , Consultant, STEAG Energy Services (India) Pvt. Ltd. Former GM Operation & Maintenance of NTPC Limited.		
11.35 a.m. - 12.05 p.m.	Delineating the Roadmap of the Conference – Jadavpurians’ Perspectives	Santanu Roy , Principal Advisor, GPS Renewables (Mech 84) Anindita Roy Saha Professor, DU (Economics, 87) Sudeshna Das , Programme Co Convener and Founder & Chief Strategist, KrishiCraft (Bio Chem Engg 2004) Srabani Biswas , Secretary JU Alumni Association, Delhi Chapter (Comp Litt 2008)



Programme

12.05 p.m. - 12.10 p.m.	Change Over

<p>Sustainable Infrastructure for Urban Transformation: Building Robust Foundational Framework for a Developed Nation Chairman: Ujjwal Kanti Bhattacharya, Managing Director, Steag Energy Services & Former Director, NTPC Moderator: Anindita Roy Saha, Professor, DU (Economics)</p>		
12.10 p.m. - 1.20 p.m.	Sustainability in Fossil Fuel Supply Chain	Mrityunjay Prasad , Sr.GM & RD, New Delhi, DVC
	Clean Energy for Urban Regeneration	Asim Prasad , Co- Chairperson, BCC&I Energy, Environment & Water (National) Committee & Executive Director (Corporate Strategy, Planning Advocacy and Corporate Affairs) GAIL (India) Ltd
	Sustainable Practices for Water & Waste Management in Urban & Industrial Infrastructure	Parveen Kumar Goel , Chief General Manager, EWS-EIA, Sustainability and Water, EIL
	Sustainable Measures for Power Generation & Township Management	Tapan Kumar Bandyopadhyay , Chief Sustainability Officer & Executive Director (Safety, Sustainable Development, Environment & Ash Management), NTPC Limited, Corporate Centre, Noida
<p>Emceeding by Kaushiki Deb, Executive Committee Member, Jadavpur University, Alumni Association Delhi Chapter</p>		
1.20 p.m. – 2.20 p.m.	Networking Lunch	
<p>Digital Transformation: New Frontiers & Best Practices Chairman: Debashish Bhattacharyya, Technologist in ERP, IIT BHU, Past President, Global PAN IIT Alumni Moderator: Biswanath Sengupta, Co-Founder, Arthavedika, Tech Advisor ADB, NIC</p>		
2.20 p.m. – 3.20 p.m.	Smart City Mission & Urban Logistics	Girish Kumar Surpur , Head Logistics, NEC
	Addressing City Challenges through Digital Intelligence	Abhishek Srivastava , Senior Consultant & Prasenjit Samanta , Practice Lead – GIS & Urban Solutions, Oroprise Solutions
	Cyber Security Concerns for Digital enabled city services	Subimal Bhattacharjee , Independent adviser, Consultant on Cyber Security, Defense and High end Technology Policy issues and Columnist



Programme

Emceeding by Avishek Mukherjee , Chief Manager, BCC&I		
3.20 p.m. – 3.25 p.m.	Change Over	
<p>Sustainable Habitat: Eco-friendly Redevelopment Chairman: S. Radhakrishnan, Former President, BCC&I; Director, Infinity Group and Founder & Director of BDSCube Technology Pvt. Ltd. Moderator: Santanu Roy, Principal Advisor, GPS Renewables</p>		
3.25p.m. - 4:25p.m.	From Fossil Fuels to Urban Futures: innovations for people-centric cities.	Girish Ghildiyal , Head Sustainability & New Energy, HPCL-Mittal Energy
	Solarizing the urban economy	Anurag Chivilkar , Director & VP, Roofsol Energy
	Air Pollution Challenges in Delhi	Kaushik Dasgupta , Indian Express
4.25 p.m. – 4.35 p.m	Conclusion & Moving forward	Biswapriya (BP) Mukherjee Programme Convener
Emceeding by Dipannita Mukherjee Chakraborty , Chief Manager, BCC&I		

10 QUOTES ON INDIVIDUAL'S ROLE IN SUSTAINABILITY

1. "Change only happens when ordinary people get involved, get engaged, and come together to demand it." — Barack Obama
2. "If you think you are too small to make a difference, try sleeping with a mosquito." — The Dalai Lama
3. "Be the change you wish to see in the world." – Mahatma Gandhi.
4. "The best time to plant a tree was 20 years ago. The second-best time is now." Chinese Proverb
5. "There are no passengers on spaceship earth. We are all crew." Marshall McLuhan, Philosopher
6. "I always wondered why somebody doesn't do something about that. Then I realized I was somebody." Lily Tomlin, Actress
7. "The greatest threat to our planet is the belief that someone else will save it." — Robert Swan, environmentalist
8. "Each one of us can make a difference. Together we make change." — Barbara Mikulski, former U.S. Senator
9. "Small acts, when multiplied by millions of people, can transform the world." Howard Zinn, Social Activist
10. "Anything else you're interested in is not going to happen if you can't breathe the air and drink the water. Don't sit this one out. Do something." Carl Sagan, Astronomer

10 SUSTAINABILITY QUOTES FOCUSED ON THE 3 PS

1. "Sustainable development is the development that meets the needs of the present without compromising the ability of future generations to meet their own needs." Gro Harlem Brundtland,
2. "The triple bottom line is about ensuring companies commit to focusing as much on social and environmental concerns as they do on profits." — John Elkington (coined the term Triple Bottom Line)
3. "Businesses cannot succeed in societies that fail." — Paul Polman, former CEO of Unilever
4. "Sustainability is not a cost. It's an investment in the future." — Ban Ki-moon, former UN Secretary-General
5. "We cannot afford to let the clock run out on the world's poor and on the planet." Ban Ki-moon, Former UN Secretary-General Global Equity and Urgency (People & Planet)
6. "Profit isn't a dirty word, but it becomes one when it's divorced from purpose and people."— Indra Nooyi, former CEO, PepsiCo
7. "The triple bottom line is a sustainability framework that examines a company's social, environmental, and economic impact." – Forbes.
8. "The ultimate goal of corporate sustainability is to operate in a way that protects the future viability of the business and the communities it serves, while respecting and caring for the planet." – Coolset.
9. "The environment and the economy are really both two sides of the same coin. If we cannot sustain the environment, we cannot sustain ourselves."Wangari Maathai, Nobel Peace Laureate
10. "Sustainable development requires human ingenuity. People are the most important resource."Kofi Annan, Former Secretary-General of the United Nations



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Products



eCity - IMPETUS

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- Developed on innovative **Land, Structure, and Occupancy (LSO)** framework for efficient revenue management.



GPolice- ISAAC

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- Customised maps and precise data insights.

Services



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- Expertise in migration, consulting, security, and operations for cloud transformation.
- Reliable, Responsive & Round-the-Clock



Cyber Security

- Versatile experience and expertise delivering comprehensive cybersecurity solutions.
- Tailored, Proactive and Resilient



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- Smart Product Development

Company Profile

Oroprise Solutions, "a born global venture" established in 2014, with the vision:

- Delivers best in-class **software solutions and IT services**
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SUSTAINABLE URBAN TRANSFORMATION

Annual Seminars Organised by Alumni Association National Council of Education Bengal and Jadavpur University, Delhi Chapter

Sl. No.	Year	Subject	Convener
1	1980	Responsibility of Engineers to Society	Prof. Dr P K Kundu
2	1981	Computer Applications in Engineering and Other Fields	Shri Ajit K Basak
3	1982	High Polymer in Today's World	Dr. Siddhartha Ghosh
4	1983	Industrial Control and Instrumentations	Shri Ajit K Basak
5	1984	Development and Application of Personal Mini Computer	Shri Ajit K Basak
6	1985	Industrial Pollution Control	Shri Dillip Kumar Biswas
7	1987	Energy Conservation and Co-Generation	Shri Tarun Kumar Gupta
8	1988	Ground Water Development and Management	Shri Sisir Kumar Das
9	1989	Digital Network for Communication and Control	Shri Rajat K. Dasgupta
10	1990	Frontiers of Polymer Technology and Application-Social Impact	Shri Rajat K. Dasgupta
11	1991	Power Generation Transmission and Utilisation an Enigma of 21st Century	Shri Rajat K. Dasgupta
12	1992	Exploration and Utilisation of Ocean Resources Relevance to National Economy	Shri Rajat K. Dasgupta
13	1993	Nuclear Power Impact on Energy, Environment and Economy	Shri Swapan K. Chakrabarty
14	1994	Water management The National Concern	Shri Dipak Narayan Basu
15	1995	Information Technology in India : Issues and Prospects Catalyst for Development	Shri Sakti K Mukherjee
16	1996	Population Growth and Infrastructure Planning Challenge for Survival	Shri Subir Baran Basu
17	1997	Energy and Economic Development, An Integrated Approach	Dr. Siddhartha Ghosh
18	1998	Knowledge Based Society and Information Highway	Shri Dipak Narayan Basu
19	1999	Public Sector in Transition	Shri Subir Raha
20	2000	Dreams for India 2025	Shri Subir Raha
21	2001	Broadband Convergence Impact on Business & Society	Shri Sudhindra K Dube
22	2002	Infrastructure: An Integrated Approach to Economic Development	Dr. Amalendu Datta
23	2004	Delhi Vision Issues and Challenges	Shri Swapan K. Chakrabarty
24	2005	Energy Security : an Indian Perspective	Dr. Subir Sen
25	2006	Automation for Enterprise Excellence	Shri Somnath Chakrabarty
26	2007	Inclusive Growth - Role of Manufacturing Sector	Shri Partha Sarathi Mandal
27	2008	Global Warming - Sustainable Growth	Dr. M N Chakravarty
28	2009	Critical Discussions: Indian Youth at Crossroads - Societal Values Material Advertisement Panel Discussions: Reinventing Indian Management for the 21st Century	Ms. Madhumanti Sengupta
29	2010	Affordable Healthcare to all	Shri Kallol Roy
30	2011	Corporate Social responsibility to Improve Indian Social Scenario	Dr. M N Chakravarty
31	2014	Green and Alternate Energy Solution for India	Dr. Amitava Banerjee
32	2015	Food Safety for all & Challenges	Shri Kallol Roy
33	2016-17	Real Estate & Application of Solar Energy	Shri Dulal Chandra Mitra
34	2017-18	Indian Space Research & Relevant Achievements	Dr. Amalendu Datta
35	2018-19	LNG in Transportation	Shri Ritabrata Pramanik
36	2019-20	The Artificial Intelligence Revolution: Are We Ready ?	Shri Shubhasis Chakrabarty
37	2022-23	Alternative Energy Towards Sustainable Mobility	Shri Pranab Thakur
38	2024	Sustainable Ways - All Pervasive Opportunities for A Brighter Future	Shri Pradipta Dutta
39	2025	Sustainable Urban Transformation	Shri Biswapriya Mukherjee Smt. Sudeshna Das

TORCH BEARERS

Alumni Association National Council of Education Bengal and Jadavpur University, Delhi Chapter

Sl. No.	Year	President	Secretary	Treasurer
1	1969	Shri S Roy Choudhury '29C	Shri J N Roy	Shri A B Goswami '64E
2	1970	Shri S Roy Choudhury '29C	Shri J N Roy	Shri A B Goswami '64E
3	1971	Shri S Roy Choudhury '29C	Prof. M N Mondal '55 M	Shri B C Majumder '41Ch
4	1972	Shri S Roy Choudhury '29C	Shri A K Majumdar '45M	Shri A B Goswami '64E
5	1973	Shri S Roy Choudhury '29C	Dr. Ananda Mukherjee '60 Ch	Shri A B Goswami '64E
6	1974	Shri A K Majumdar '45M	Dr. Amalendu Datta ' 64 Ch	Shri A B Goswami '64E
7	1975	Shri A K Majumdar '45M	Dr. Amalendu Datta ' 64 Ch	Shri A B Goswami '64E
8	1976	Shri A K Majumdar '45M	Shri g H Guchhait '68 FTB	Shri M Banerjee '68 FTB
9	1977	Shri A K Majumdar '45M	Shri Nladri Duari '72 E	Shri D Ghosh 'Ch
10	1978	Shri A K Majumdar '45M	Shri Nladri Duari '72 E	Shri D Ghosh 'Ch
11	1979	Shri Nirmal K Sen '58 M	Dr. Amalendu Datta ' 64 Ch	Shri A B Goswami '64E
12	1980	Dr. S Ghosh '46 Ch	Shri J Chakraborty '73 Ch	Shri Dipak K Dey '59M
13	1981	Dr. S Ghosh '46 Ch	Shri S Dasgupta '73 C	Shri A B Goswami '64E
14	1982	Shri Nirmal K Sen '58 M	Shri R D Roy '73 Ch	Shri Anjan Goswami '73 Ch
15	1983	Shri A K Majumdar '45M	Shri A Banerjee '79M	Shri S Choudhury '78 ET
16	1984	Shri Ajit K Sen '52M	Shri P K Dey '79M	Shri R N Halder "79E
17	1985	Shri Ajit K Sen '52M	Shri Soumitra Ghosh	Shri Himanshu Kundu '81C
18	1986	Shri Ajit K Sen '52M	Shri Soumitra Ghosh	Shri Himanshu Kundu '81C
19	1987	Shri A K Majumdar '45M	Dr. Amalendu Datta ' 64 Ch	Smt. Mahua Bhowmik '81C
20	1988	Shri A K Majumdar '45M	Shri Pradip K Mukherjee '66Ch	Shri Ravi Shankar Dutta '79E
21	1989	Shri Shankar Bandopadhyay '52M	Shri Ritabrata Pramanik '84M	Shri Dipak K Dey '59M
22	1990	Shri Shankar Bandopadhyay '52M	Shri Anup Mazumder '86E	Dr. Amalendu Dutta '64C
23	1991	Shri Shankar Bandopadhyay '52M	Shri Anup Mazumder '86E	Shri S K Chakrabarty '65C
24	1992	Smt. Maitrayee Choudhury '53 Ch	Shri Ranjan Ray '88C	Shri S K Chakrabarty '65C
25	1993	Shri Rajat K Dasgupta '59M	Shri Ranjit K Das '64C	Shri Dipak K Dey '59M
26	1994	Shri Rajat K Dasgupta '59M	Shri Ratan K Dey '63ETC	Shri Deepak Narayan Basu '64C
27	1995	Shri Apurba Mukherjee '60C	Shri Subir Baran Basu '70C	Shri Sajal Nandy '89C
28	1996	Shri Apurba Mukherjee '60C	Shri Anup Mazumder '86E	Shri Sajal Nandy '89C
29	1997	Shri Siddhartha Mukhopadhyay '60C	Shri Aloke K Dasgupta '78Arch	Dr. Subir Sen '87E

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Sl. No.	Year	President	Secretary	Treasurer
30	1998	Shri Siddhartha Mukhopadhyay '60C	Shri Partha Sarathi Mondal '69C	Dr. Subir Sen '87E
31	1999	Shri Deepk Narayan Basu '64C	Shri Partha Sarathi Mondal '69C	Shri Swapan K Biswas '66ETC
32	2000	Shri Deepk Narayan Basu '64C	Dr. Subir Sen '87E	Shri Dipak K Dey '59M
33	2001	Shri Mihir K Dalal '65M	Shri Santanu Roy '84M	Shri Gora Nandi '94Ch
34	2002	Shri Mihir K Dalal '65M	Shri Niladri Duari '72E	Shri Manmohan Saha '80MET
35	2003	Shri Sudhindra K Dube ' 69E	Shri Niladri Duari '72E	Shri Dipak K Dey '59M
36	2004	Shri Sudhindra K Dube ' 69E	Shri Somnath Chakraborty '87E	Shri Dipak K Dey '59M
37	2005	Shri Subir Raha '69 ETC	Shri Partha Sarathi Mondal '69C	Shri Swapan K Biswas '66ETC
38	2006	Shri Debabrata Roy '58M	Shri Partha Sarathi Mondal '69C	Shri Swapan K Biswas '66ETC
39	2007	Shri Sudhindra K Dube ' 69E	Shri Ritwik Sengupta '93Arch	Shri Swapan K Biswas '66ETC
40	2008	Shri Partha Sarathi Mondal '69E	Shri Ritwik Sengupta '93Arch	Shri Santanu Ry '84M
41	2009	Prof. Ratan K De '63ET	Shri Ritwik Sengupta '93Arch	Shri Santanu Ry '84M
42	2010	Prof. Ratan K De '63ET	Shri Sandipan Bhattacharjee '99C	Shri Suhan Basu '01C
43	2011	Shri Kallol Roy '78M	Shri Sandipan Bhattacharjee '99C	Shri Suhan Basu '01C
44	2012	Shri Kallol Roy '78M	Shri Sandipan Bhattacharjee '99C	Shri Suhan Basu '01C
45	2013	Dr Ananda Mukherjee '60 Ch	Shri Suhan Basu '01C	Smt. Manisha Roy '86 Math
46	2014	Dr Ananda Mukherjee '60 Ch	Shri Tamoghna Saha '08 Ch	Smt. Manisha Roy '86 Math
47	2015	Dr Manabendra Chakravarty '76M	Shri Chinmay Ray '06M	Smt. Manisha Roy '86 Math
48	2016	Dr Manabendra Chakravarty '76M	Shri Chinmay Ray '06M	Smt. Manisha Roy '86 Math
49	2017	Shri Prosanta Chatterjee '64C	Shri Suhan Basu '01C	Shri Subhasish Chakraborty '06Ch
50	2018	Dr Amalendu Dutta '64Ch	Shri Suhan Basu '01C	Smt. Manisha Roy '86 Math
51	2019	Shri Niladri Duari '72E	Shri Mihir K Singh '06C	Shri Rajarshi Bandopadyay '06Ch
52	2020	Shri Niladri Duari '72E	Shri Mihir K Singh '06C	Shri Rajarshi Bandopadyay '06Ch
53	2021	Shri Niladri Duari '72E	Shri Subhasish Chakraborty '06Ch	Shri Abhishek Gantait '06PT
54	2022	Shri Suhan Basu '01C	Shri Pijush Kanti iswas '06P	Dr. Joydeep Mukherjee '06Eco
55	2023	Shri Kallol Roy '78M	Shri Sandipan Bhattacharjee '99C	Shri Rnjit Dey '07E
56	2024	Shri Ritwik Sengupta '93Arch	Shri Soumita Bhattacharyya '11LIS	Shri Anup K Das '08 LIS
57	2025	Shri Ritwik Sengupta '93Arch	Smt. Srabani Biswas '08 Complit	Shri Sumit Chanda '88 Mch. Engg Shri Anup K Das '08 LIS



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National Conference on **SUSTAINABLE URBAN TRANSFORMATION**



15TH
NOV 2025



TAJ AMBASSADOR
NEW DELHI

Delhi Chapter of Alumni Association of NCE Bengal & Jadavpur University (AANCEBJUDC), partnering with **The Bengal Chamber of Commerce and Industry (BCC&I)**, is organizing its **Inaugural National Conference on Sustainable Urban Transformation on Saturday, November 15, 2025, in New Delhi.**

Cities are crowded centres of creativity and commerce.

India's cities are integral to the Vikshit Bharat Vision of India transforming into a developed nation by 2047, commemorating 100 years of its independence. This leads to significant focus on Urban Transformation, synergising infrastructure to facilitate growth and a sustainable India fulfilling its Net Zero commitment.

The theme for this edition is **"Reimagining Resilient, Resource-Efficient & Responsive Cities"** which envisages **future-ready urban landscape to fuel the growth engine of India.**

The deliberations will be featured following the principal themes as mentioned below –

- Transforming **Citizen Services** bridging the governance deficit
- Addressing infrastructure shortfall to develop a robust **City Architecture**
- Crafting a boilerplate template for **Ecologically Safe** urbanization
- The Trifecta of **Data, Technology & People** for Pole-vaulting urban development.
- Building blocks of **Financially Sustainable Urban Local Bodies**

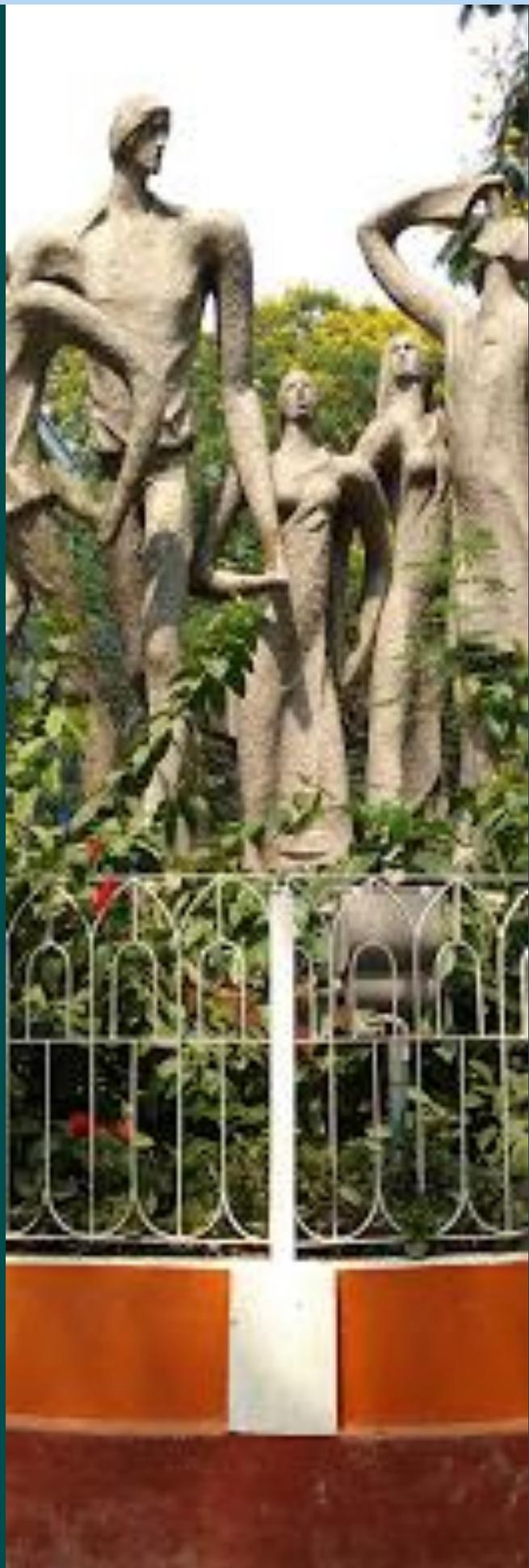
The objective is to discuss policies, business and financial models, and emerging technologies, as well as showcase success stories, to promote inclusive urbanisation responsible towards the environment, society, and all stakeholders, while unlocking opportunities in the economy and business.



Co-organised by

Jadavpur University Alumni Association, Delhi Chapter

The National Council of Education, Bengal (NCE Bengal) was founded in 1906 during the Swadeshi Movement, evolving into **Jadavpur University** in 1955. Today, Jadavpur University is a renowned institution, celebrated for its academic excellence and research contributions. The Alumni Association, established in 1921, is one of India's oldest and most dynamic networks. The Delhi Chapter, inaugurated in 1956, has over 600 members who lead in various sectors, organizing workshops and seminars that promote though leadership and social responsibility. With strong global and national connections, the Delhi Chapter embodies the legacy and network of Jadavpur University and NCE Bengal, bringing together eminent academicians, policy evangelists, senior corporate members, industry thought leaders, next generation investors and celebrated media professionals.





The Bengal Chamber of Commerce and Industry (BCCI)

India's oldest institute of its kind dating its origins to 1833, is into a plethora of activities now including projects, research, summits, trade fairs ranging from Manufacturing to Fiscal Affairs, IT to Agriculture, Logistics to Finance, Education to Skills & Jobs, Energy to Sustainability & Resilience, Entrepreneurship to Incubation and also areas like Carbon offsetting, Livelihoods, Local Economic Development – areas which we believe we can and should try to make a change in apart from undertaking regular activities as a Chamber of Commerce. Our commitment is in creating lasting platforms for catalyzing businesses and generating livelihoods, promoting innovations, and expanding B2B, B2G, and B2C connects. The signature programmes of BCCI spans across the Country, including Delhi, Mumbai, Bengaluru; Hyderabad, Pune, Andaman, Bhubaneswar among others, and abroad, including Bangkok, London, and Chittagong. BCCI has also set up its office in New Delhi since April 2024 to regularize the Chamber's engagements in the National Capital Region (NCR)



ORGNIING COMMITEE MEMBERS

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President
- Srabani Biswas
Secretary
- Biswapriya (BP) Mukherjee
Program Convener
- Sudeshna Das
Program Co Convener
- Anup Kumar Das
Treasurers
- Sumit Chanda
Treasurers
- Anindita Roy Saha
- Devdeep Bose
- Sidhartha B. Chowdhury
- Kaushiki Deb
- Biswanath Sengupta
- Padma Parna Dasgupta

BCC&I SECRETARIAT

- Angana Guha Roy Chowdhury
Assistant Director General
- Dipannita Mukherjee
Chief Manager
- Avishek Mukherjee
Chief Manager
- Ananya Mandal
Executive

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Renewable Energy



Ash Utilization



Water and Effluent Management



Waste Management



Afforestation



Air Emission Control



Bio Diversity Conservation



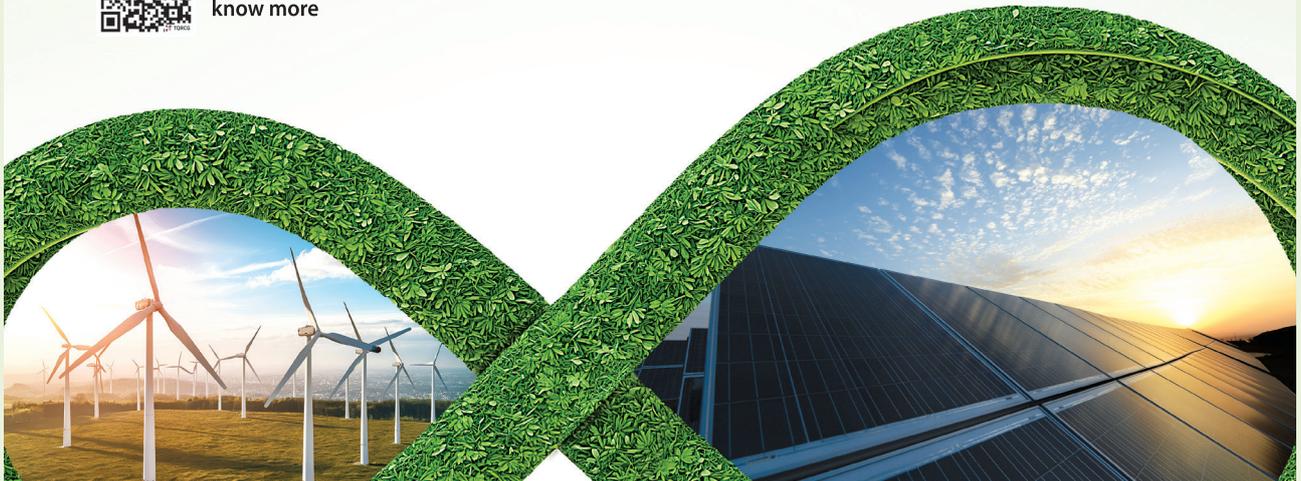
Green Hydrogen

Did you know NTPC now powers dreams as cleanly as it powers cities?

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From President's Desk

It is a matter of delight for all of us at AANCEBJU Delhi Chapter that we have been able to organize this national conference, in active collaboration with Bengal Chamber of Commer & Industries on a topic of critical contemporary importance, namely, Sustainable Urban transformation.

Globally, cities are regarded as 'engines of growth' being major contributors to the national economy. Urbanisation in India is happening at a rapid pace. The rate of urban land expansion in India during the next decade, is expected to be high too. A key reason being, that, the country is investing heavily in large-scale infra-structures such as roads, telecommunications, water networks, and power and electricity grids, which are pointed expansively to cater to Urbanization needs. Such a development, as we can anticipate, will put additional pressure on the urban ecosys-tem or biodiversity and, intrinsically, tends to threaten sustainability. For the Town Planners and policy makers, the challenge remains in the task to ensure a Bio-diversity.

Experts outline urban biodiversity, by the variety and richness of living organisms and habitat diversity, in & around the margins or edge of human settlements. Urban biodiversity is concerned primarily with environmental enhancement, control of air and noise pollution and microclimatic modification. As we can understand and appreciate, it is BALANCE between responsible expansion of human settlement with the other factors mentioned, that will make URBAN EXPANSION a Sustainable proposition. An OPTION B to that, is practically non-existent.

Urban greens with their wide collection of trees and other plants have huge balancing potential. Urban parks are an important recreational facility in developing, as well as developed countries. People derive quantifiable benefits from the positive experience of viewing trees. All this underlines a need for sustainable urbanization, especially on a socio-cultural enhancement consideration, inarguably.

Here comes the role of the following factors towards Sustainable Urban Transformation:

1. Policy
2. Parity of regulation
3. Design
4. Responsible Execution
5. Urban Behavioural aspect towards sustainable measures to be adopted.

As we can understand, the last factor has critical role in the extent of success that can be manifested through the previous four parameters.

It is with the above in consideration, globally, cities like, Brussels and Singapore are testing new frameworks to assess the urban-biodiversity linkages. For instance, the City Biodiversity Index or Singapore Index, created under the Convention on Biological Diversity (CBD), includes indicators such as birds, butterflies, mammals and plants to serve as tools for assessing stressors that deplete biodiversity. The other factor that all Town Planners attach critical importance is planning and policy regulations for the Transit-oriented development (TOD) and sustainable urban transit systems such as the Delhi Metro. TOD is crucial for addressing urban design, economic competitiveness, and quality of life by improving accessibility and reducing private vehicle reliance. The emphasis has to be, that, the pace of integrating transportation infrastructure with urban planning for sustainable development, utilizing green infrastructure to mitigate environmental impacts that are adverse. TOD strategies need to be well laid out to improve resilience for our cities.

Infrastructure alone doesn't guarantee sustainable outcomes. Cities worldwide have learnt this lesson repeatedly: Picturesque bicycle lanes that remain empty, energy-efficient buildings with high consumption rates, recycling programmes with low participation are glaring sad stories. The missing element isn't better technology. It's systematic attention to how people actually make decisions in their daily lives to Behave responsibly, use responsibly, and be sensitive to encouraging all factors that allow bio-diversity also to be sustained.

To that end, the need to encourage Citizens to engage in sustainability, through Sustainable Urban behaviour framework, could be a starting point.

Our endeavour to focus and highlight on this topic of critical relevance, is step in that direction.

We are privileged, to have been able, to host prominent industry leaders and eminent personalities, to enlighten us on the subject.

Ritwik Sengupta
President
AANCEBJU Delhi Chapter

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From Secretary's Desk

On behalf of the AANCEBJU Delhi Chapter and the organising committee, I would like to greet and welcome to all esteemed guests, distinguished speakers, fellow members of the Alumni Association and our friends from BCC&I.

Before proceeding further with today's agenda, I would like to share with all of you that the Jadavpur University Alumni Association, Delhi Chapter has a glorious history of organising socio-cultural events, social welfare activities like Blood Donation Camp, Book and Stationery Donation Camp, Food and Blanket donation camp during winters and organising Conferences on various relevant issues like Ground Water Development and Management, Exploration and Utilisation of Ocean Resources Relevance to National Economy, Nuclear Power Impact of Energy, Environment and Economy, Global Warming-Sustainable Growth, Affordable Healthcare to all, Green and Alternate Energy Solution for India etc since 1980s'. Our Association is a regional hub for fostering connections between alumni who have a shared background with Jadavpur University based in Kolkata. Our basic purpose is to provide an active networking platform for the alumni in Delhi NCR.

Following this glorious tradition of connection and networking, this session we have also organised the National Conference on 'SUSTAINABLE URBAN TRANSFORMATION' themed Reimagining Resilient Resource-Efficient and Responsive Cities in collaboration with Bengal Chamber of Commerce & Industries.

Sustainable urban transformation emphasizes on balanced development integrating environmental

conservation, economic growth and social equity. For a well-balanced healthy urban lifestyle, it's the need of the hour in present situation. Compact city planning, mixed land planning, promotion of public transport, use of renewable energy, green building design, reducing-reusing-recycling waste, use of sustainable products in our daily lives can be some strategies which must include smart technology, good governance and social cooperation. Our esteemed speakers and all present members will discuss some aspects, possibilities and opportunities regarding today's agenda for a fruitful conclusion towards a better sustainable world for living.

One Earth, one life and one chance! Now it's our call, our shared responsibility, our collective choice to make this world a better place to live, to breath, to sustain, to coexist for generations now and generations ahead. Happy Mother Earth, Happy Surroundings n Happy We!

Today, we are delighted to organise a National Conference on this relevant topic and moreover we are encouraged by all of your presence to support this great cause.

My heartiest congratulations to our enthusiastic and sincere organising team of the National Conference for their meticulous planning and execution and all Alumni members for their active participation.

Warm Regards
Srabani Biswas
Secretary, AANCEBJUDC

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From Convener's Desk

Friends, Brothers & Sisters, Fellow Urban Enthusiasts and Sustainability Experts

Welcome to the National Conference on Sustainable Urban Transformation. On behalf of the organizing committee, it is my pleasure and honour to welcome all of you to the National Conference on Sustainable Urban Transformation.

The theme for this year's conference, "Reimagining Resilient, Resource-efficient & Responsive Cities" is relevant in today's rapidly evolving urban landscape. We are gathered here to cross-pollinate ideas, share implementation case-studies, discuss innovative practices, and foster collaborations that will help shape the future of our urban economy.

Our cities are a magnificent, chaotic, and caffeine-fuelled paradox. They are the engines of our economy, hubs of incredible creativity, and yet, sometimes, they feel like a carefully orchestrated symphony of traffic snarls and environmentally choking chambers. But within this beautiful chaos lies our greatest opportunity to develop sustainable urbanisation. As India surges towards the Vikshit Bharat 2047 vision, our cities are not just along for the ride—they

are the very vehicle. Let us think collectively about city-wide upgrade, where potholes are a thing of the past, governance is an app away, our parks are lungs to breathe clean air, not just land and green economy thriving in the true sense of the term.

During this conference, we will dissect this vision further. We will have to tackle everything from bridging the infrastructure shortfall (goodbye, perpetual construction!) and crafting eco-safe templates, to unlocking the powerful trifecta of Data, Technology, and People. We will explore how to make our Urban Local Bodies are not just functional, but financially self-dependent.

So, let us roll up our sleeves. Bring your ideas, your scepticism, and your success stories. Let us collaborate to build cities that are not only developed but are delightful—places where the air is clean, the systems work, and the future is not something we fear, but something we build together.

Welcome to the conversation. Let us get down to the business.

Warmly,
Biswapriya (BP) Mukherjee
Program Convener
AANCEBJU

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From Co-Convener's Desk

Distinguished Guests, Partners in Progress, and Changemakers of Our Urban Future, It is my great privilege to welcome you to the Inaugural National Conference on Sustainable Urban Transformation. This gathering marks an important step toward aligning our collective actions with Sustainable Development Goal 11 — “Make cities and human settlements inclusive, safe, resilient and sustainable.”

India today stands at a defining moment in its urban journey. Nearly 36 percent of our population lives in cities, and by 2047, this figure is projected to rise to 50 percent, adding over 400 million new urban residents. Our cities already contribute more than 63 percent of India's GDP, and yet they grapple with complex challenges — from inadequate infrastructure and housing to waste management, pollution, and the growing impacts of climate change. Achieving SDG 11, therefore, is not just a developmental goal; it is a national imperative for equitable growth and long-term sustainability.

While the conversations on urban resilience often centre around infrastructure and technology, this platform seeks to bring in a more holistic lens—one that integrates people, purpose, and planet. True sustainability can only emerge when innovation walks hand in hand with inclusion, and when progress uplifts every segment of society without compromising ecological balance.

This conference is not just an event—it is the beginning of a dialogue that connects policy with

practice, vision with execution, and aspiration with action. From rethinking how we build and manage our cities to exploring how circular economies, smart technologies, and participatory governance can redefine the urban experience—our collective insights today can become the blueprint for tomorrow's India.

India's progress toward SDG 11 has seen encouraging strides — from national missions such as AMRUT, Smart Cities, and PMAY-Urban, to community-driven initiatives in waste-to-wealth, sustainable mobility, and green infrastructure. Yet, the road ahead requires deeper collaboration, stronger local governance, and enhanced citizen participation.

As we exchange ideas and experiences across sectors and disciplines, let us remember that the transformation we seek is not limited to infrastructure alone—it is also about reimagining our mindset as citizens, professionals, and stewards of our shared future.

Together, let us build not only resilient and resource-efficient cities but also compassionate and connected ones—where sustainability is not a choice, but a way of life.

Warm regards,
Sudeshna Das
Program Co - Convener
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November 4, 2025

I am glad to know Delhi Chapter of Alumni Association of NCE Bengal and Jadavpur University partnering with the Bengal Chamber of Commerce and Industry, is organising its inaugural National Conference on Sustainable Urban Transformation on Saturday, November 15, 2025. I also compliment Delhi Chapter of Alumni Association of AANCEBJUDC for choosing a topical theme but for fulfilment of which India cannot be transformed into a developed nation.

The principal theme proposed to be deliberated is appropriate for balanced urbanisation in India as holistic and integrated development that ensures economic growth, social inclusion, environmental sustainability and effective governance. Key priorities for that include:

- Infrastructure and Basic Services
- Sustainable Planning and Climate Resilience
- Improving Governance and Inclusive Growth
- Modernising Amenities
- Leveraging Technology for Smart Solutions and Digital Infrastructure, utilising AI Geospatial information systems for slum mapping and real time monitoring of city systems

I am sure the conference would deliberate all these issues in-depth. However, I would also suggest that following is deliberated additionally:

Identification and development of new smart urban conglomerations to absorb migration of rural population. Such migration is likely to be large in coming decades. That it is vital, should not lead to expansion of existing tier-1 city. It should rather lead to expansion and transformation of tier-II and tier-III cities while fulfilling priorities of modern infrastructure and sustainable development etc.

I wish the Conference great success.

(D V Kapur)

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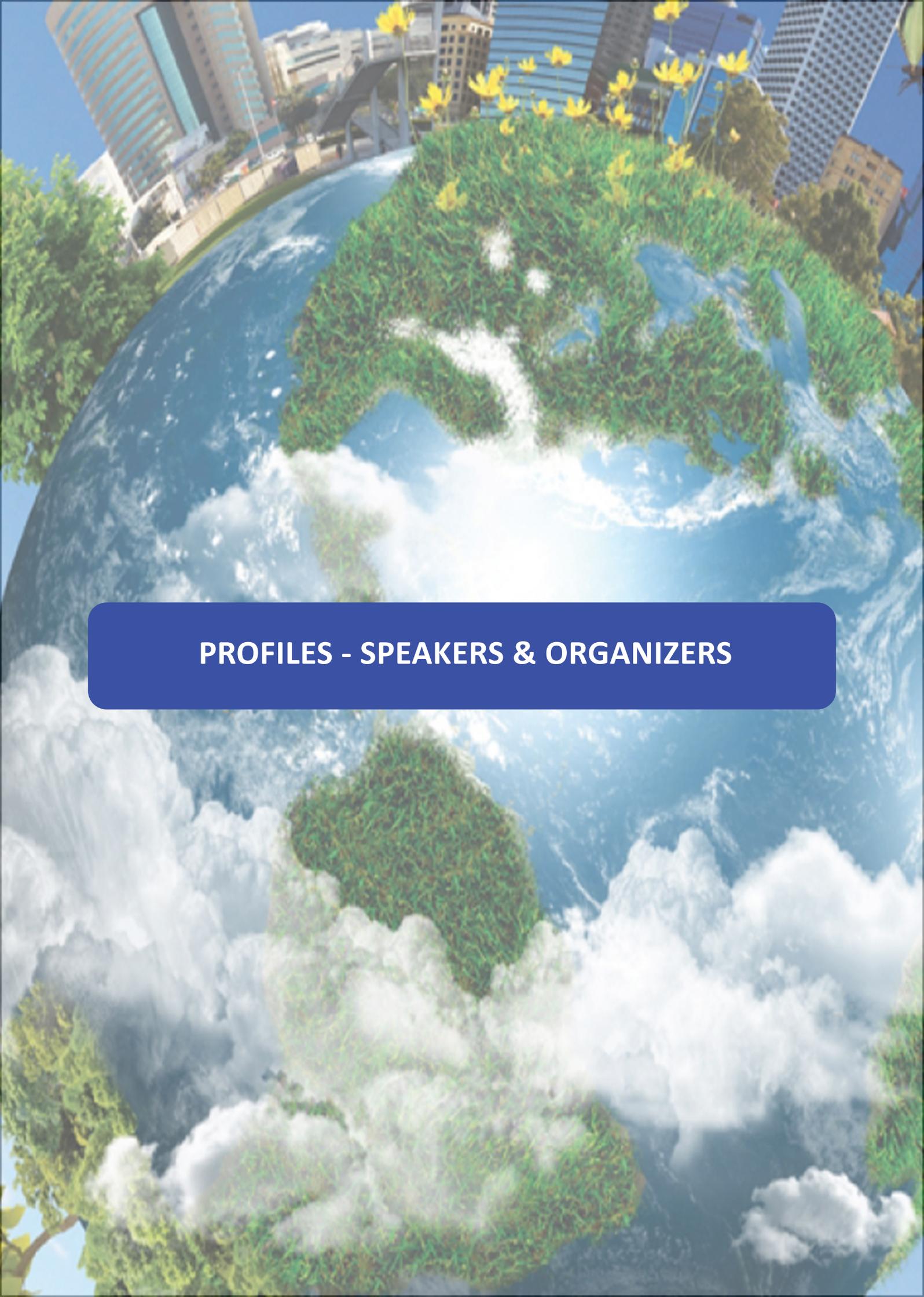
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A composite image featuring a globe as the central element. The globe is tilted, showing a blue sky with white clouds. The top portion of the globe is covered in lush green grass and several bright yellow flowers. In the background, a cityscape with modern buildings and a bridge is visible under a clear blue sky. The bottom portion of the globe is partially obscured by large, white, fluffy clouds. A dark blue rounded rectangular banner is positioned across the middle of the globe, containing white text.

PROFILES - SPEAKERS & ORGANIZERS



MR. ABHIJIT ROY
President, BCC&I and Managing Director & CEO,
Berger Paints India Ltd

Mr. Abhijit Roy, Managing Director & Chief Executive Officer of Berger Paints India Limited is a Mechanical Engineer from Jadavpur University and an alumnus of IIM Bangalore.

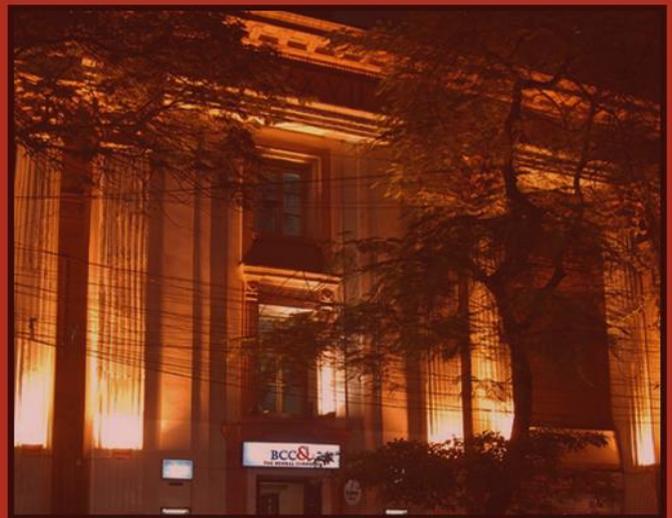
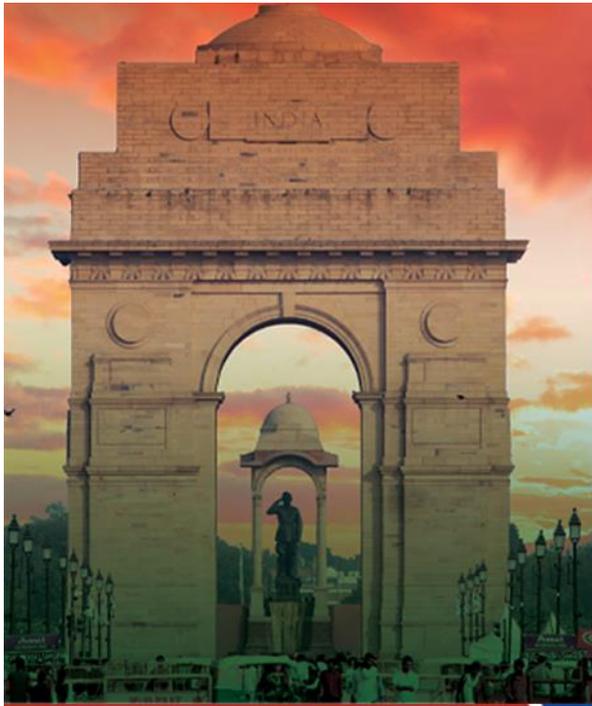
He started his career with Asian Paints (I) Ltd. & joined Berger Paints in 1996 and took over as Managing Director and CEO of Berger Paints India Limited in 2012.

It was under his exemplary leadership that Berger's market capitalisation increased from Rs.3000 Crores to more than Rs. 60000 Crores today.

Mr. Abhijit Roy was listed by Business Today as Best 100 CEOs of India thrice, in 2016, 2017 and 2018. He was nominated as Best CEO in Private sector by

Forbes India twice in 2016 & 2017, received Most Enterprising CEO Award from Times Business Awards, Business Leader of the Year Award by SANMARG Group and DISTINGUISHED ALMUNI AWARD by IIM Bangalore in 2024. He was invited as a speaker by the prestigious HARVARD BUSINESS SCHOOL in February 2025 to speak on The Art of Building Timeless Indian Brands.

He is the past Chairman of CONFEDERATION OF INDIAN INDUSTRY (CII), Eastern Region & past President of INDIAN PAINT ASSOCIATION (IPA) and the current President of Bengal Chamber of Commerce & Industries.



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Ritwik Sengupta

*President, JU Alumni Association, Delhi Chapter &
Founder Partner Nelsa Projects Consultants LLP*

An Architect from Jadavpur University Kolkata, by virtue of his primary qualification, Ritwik Sengupta, pursued his M. Des. Sc. from Sydney University and subsequently, PG Diploma in CRM, from Symbiosis University .

Ritwik started his career as a Project Engineering Coordinator for the landmark NSEIL HQ, Bandra Kurla, Mumbai, his subsequent stint as Lead Architect with Bechtel Corporation earned him exposure in front-ending design convergence for large scale Industrial and Infrastructure projects. A consummate professional, he has led several teams in Project (Engineering) Management, as well as, Business Development & Operations, across broad-based MNC organizations in multiple sector industries including Thermal and Nuclear Power, Oil & Gas, ITES, Roads &

Highways and Buildings & Infrastructure for over 30 years. His spearheading roles in M&BD, with broad based organizations across shores, has facilitated him to be a first generation entrepreneur, since 2021.

Ritwik has been keen & engaged in leading activities of socio-cultural organizations over past several years and have been able to win friends and well wishers in the process. Ritwik, is the present President of Alumni Association of NCE Bengal & Jadavpur University (AANCEBJU), Delhi Chapter.

His steadiness to garner buy-in from stakeholders in projects or systematic endeavours, his anticipative grasp of dependences, augments his tact in delivery of the desired outcome.



*Ghanshyam Prasad, Chairperson,
Central Electricity Authority (CEA)*

Shri Ghanshyam Prasad, born on 15th of May 1967, is presently holding the post of Chairperson, Central Electricity Authority, Ministry of Power and Ex-Officio Secretary to the Government of India from 15th July 2022.

He is Member, ex-officio, of the Central Electricity Regulatory Commission. He is also the 1st Executive Director of the BIMSTEC Energy Centre (BEC). He is the president of Central Board of Irrigation and Power (CBIP), Power Sector Skill Council (PSSC) and Excellence Enhancement Centre (EEC) for Indian Power Sector.

He also has corporate experience and was Government Nominee Director of Power Grid Corporation of India Limited (PGCIL), a Maharatna Company; Power System Operation Corporation Limited (POSOCO), now renamed as Grid Controller of India Limited; and Jammu and Kashmir State Power development Corporation Limited (J&KPDCL). Presently he is the Director on the Board of Nuclear Power Corporation of India Limited in an ex-officio capacity.

He did his B.Tech (Electrical Engineering) for IIT/BHU, Benares Hindu University. He holds a M.Tech in Energy and Environment Management from IIT, Delhi and also MBA (Finance) from IGNOU, Delhi.

With experience of more than 35 years in the power sector, he has worked and contributed in the areas of generation including the renewable energy, transmission, distribution, power market development/trading of power, Reforms & restructuring in power sector, energy efficiency, regulatory commission experience, disaster management in power sector, data analytics and information management system.

He was also a part of the G20 Energy transition working group. He has received the policy pioneer of the year award by India Energy Storage Alliance (IESA) on 3rd May 2022. He has led the Indian side in the Joint Working Group (JWG) with Nepal, Bangladesh, Myanmar and Australia.



*Shri Palash Srivastava,
Managing Director (Additional Charge), India Infrastructure Finance
Company Limited*

Managing Director (Additional Charge), India Infrastructure Finance Company Limited Shri Palash Srivastava is a distinguished leader in infrastructure financing with nearly three decades of expertise in public-private partnerships (PPPs), structured finance and capacity building. Throughout your career, you have been instrumental in project appraisal, long-term financing and structured investments for large-scale infrastructure projects in roads, ports, airports, railways, urban transport, water supply and solid waste management. His expertise spans emerging sectors such as aerospace, space, agri storage, industrial parks, Special Economic Zones (SEZs), IT infrastructure, real estate, healthcare and tourism. At IIFCL, you have been instrumental in advancing long-term project financing, facilitating private sector participation through structured lending and ensuring the successful execution of critical infrastructure projects.

He has played a key role in shaping national infrastructure policies, contributing to the National

PPP Capacity Building Programme, Working Group for Financing Urbanization-12th Five Year Plan, Rakesh Mohan Committee for Transport and Kelkar Committee on Revision and Revitalization of PPP Model of Infrastructure Development.

He played a key role in formulating environment rating standards for infrastructure projects to facilitate green financing, which was launched at COP 21. He has also pioneered structured financial solutions and managed syndication for large-scale infrastructure development.

Prior to joining IIFCL, he held key leadership positions in organisations including IIFCL Projects Limited (IPL), IDFC Group, CRISIL, Feedback Ventures, IL&FS and Aditya Birla Group.

He holds an MBA from RA Poddar Institute of Management, Mumbai and a degree in Civil Engineering from Malaviya National Institute of Technology (MNIT), Jaipur.



*Mr. Amrit Lal Meena, IAS
Former Chief Secretary Govt of Bihar &
Secretary Coal Ministry, Govt. of India*

Have rich experience of working in Bihar for 24 years and 11 years in Govt of India.

Served as collector of five districts Siwan, Nalanda, Bhojpur, Gaya and Muzaffarpur continuously for over 9 years from 95 to 2004. Handled highly Naxal infested districts with people centric administrative skills. His accessibility, sensitivity towards cause of common people, push for development works and balanced enforcement of laws were unique traits.

Worked in ministry of rural development as PS during 2004-09. Have been instrumental in formulation of MGNREGA. Have contributed in development of rural roads in Bihar.

Worked as Joint Secretary, Ministry of food processing, contributed in development of cold chain sector in India.

At state level he has served as Secretary in 10 departments from 2012-2021 Worked in Ministry of Commerce and Industry, Govt of India as special secretary logistics. Contributed in formulation and

roll out of PM GatiShakti National Master Plan and National Logistics Policy.

Rich experience of monitoring major Infrastructure Projects across sectors and states under Project Monitoring Group.

For the last two years he is serving as Secretary Ministry of Coal. Coal sector has seen double digit historical coal production growth. Market cap of coal CPSEs have gone up over 150% in last two years. Transparent auction of Commercial coal blocks has brought in massive response from Industry, thereby contributing to energy security of nation. With massive push for coal gasification and venturing in renewable energy, coal CPSEs are diversifying as sustainable strong organisations.

Have received three national awards including National Literacy award in 2003, National award for Implementation of MGNREGA in Bihar in 2013 and National e-governance award in 2014.



*Swapan Dasgupta,
Former Member of Parliament in Rajya Sabha,
Padma Bhushan awardee 2015*

Shri Swapan Dasgupta is a Former Member of Parliament in Rajya Sabha, the Upper House of India's Parliament. He is one of India's most widely read political columnists for the past three decades. Having worked in almost all the leading publications

in India in senior editorial positions, he has been an independent columnist since 2003. In 2015 he was awarded the Padma Bhushan by the President of India.



*Biswapriya (BP) Mukherjee
Founder & Chief Executive Officer Oroprise Solutions Pvt. Ltd.*

Biswapriya (BP) Mukherjee is the founder, promoter, and CEO of Oroprise Solutions Pvt. Ltd. As the CEO of the company, Mr Mukherjee is responsible for crystallizing the strategic direction, enabling the operational rhythm, catalysing the cultural DNA, and managing the overall P&L. Founded in 2014, Oroprise has been empowering customers in the Western Europe, the US, Middle East and India as well.

More than three and a half decades of multi-faceted and eclectic experience in the power and IT sector, Mr Mukherjee has both business stewardship as well as operational vanguard experience in some marquee global corporations like SAP, Ferranti, and PA Consulting, and in reputed Indian entities like CESC of RP-SG group. He has been a business leader

of IT companies, value-based consultant, and field service manager in power companies.

Prior to founding Oroprise Solutions, he was the country-head of Ferranti Computer Systems, a leading Belgium-headquartered software product company. In SAP, he was the part of SAP India leadership team being the head of Industry Solution Group responsible for business development for more than twenty industry verticals.

He is an engineer with post-graduation in business management. He has been a speaker, writer, and presenter on a range of industry themes like next generation leadership, organizational transformation, digital city evolution, and fast track adoption of new technology.



Ujjwal Kanti Bhattacharya
Managing Director, STEAG Energy Services (India) Pvt. Ltd.

A seasoned power sector executive with over four decades of leadership in energy and infrastructure. He has held senior roles at India's NTPC (including Director – Projects & Technical) and led major joint ventures and energy ventures abroad, and now heads STEAG's India operations from March 2025. His tenure at NTPC was marked by record growth – 13,600 MW of capacity was added under his stewardship (including ~2.3 GW of renewable capacity), driving revenue up ~77% and tripling market value. He championed NTPC's globalization through joint ventures overseas and introduced advanced contracting and technology practices.

Strategic Growth & Turnarounds: He led high-impact projects and turnarounds. Early in his career he revived a 450 MW Talcher thermal power station into a top-performing unit. As NTPC GE (JV) Services Ltd. (NGSL) Chairman, he turned around an underperforming EPC business into profitability, adding solar EPC and O&M services. In total he directed four major project/company turnarounds and mobilized ~\$2 billion in overseas project financing.

Global Expansion & Business Development: Spearheaded NTPC's international growth. He opened overseas offices (e.g. in Myanmar, Kenya and the Middle East) and negotiated power/renewable projects across Asia, Africa and Latin America. As MD & CEO of the Bangladesh India Friendship Power Co. (BIFPCL), he structured and closed financing for the 1320 MW Maitree project (~USD 2 Bn). He secured prestigious assignments (International Solar Alliance consultancy status) and signed MOUs with EDF (France), Masdar, and others to develop several gigawatts of solar parks worldwide.

Clean Energy Leadership: A visionary in energy

transition, he guided NTPC to commit 50 GW of renewables by 2030 and to join global sustainability alliances. He has advocated co-firing biomass, green methanol and ammonia in coal plants to cut carbon emissions.

Research & Development: Pioneered pilot projects in biomass co-firing, green hydrogen, Carbon Capture & utilization (CCU), Water Conservation and thermal energy storage under NETRA. **Governance & Advisory:** Held board-level governance in many power and industrial organizations. Besides serving on NTPC's Board, he chaired Patratu Vidyut Nigam (PVUNL), NTPC-GE Services (NGSL) and NTPC-BHEL Power Projects (NBPPL) and was Vice Chairman of Hindustan Urvarak and Rasayan (HURL). He also serves on boards of THDC India, NEEPCO and other entities. Throughout his career he has been a regular speaker and adviser on smart grids, digital transformation and sustainable energy strategy.

Current Focus: In addition to leading STEAG Energy Services (India) since Mar 2025, he is Senior Advisor at NTPC, guiding smart energy systems and innovation. His emphasis on quality, timeliness and collaborative leadership has earned him a reputation for decisive, multidimensional management. Mr. Bhattacharya remains committed to mentoring young engineers and driving growth through innovation, sustainability and excellence in the evolving energy sector.

Throughout the career, he has been a regular speaker and adviser on smart grids, digital transformation, and sustainable energy strategy. Committed to shaping a sustainable energy future—practically, strategically, and collaboratively.



*Debashish Bhattacharyya
Technologist ERP IIT BHU, Past President, Global PAN IIT Alumni*

Debashish Bhattacharyya is a graduate of Indian Institute of Technology (BHU) Varanasi in Mechanical Engineering. He is a Director at Vriksh Consulting Pvt Ltd, a management consulting organisation that helps businesses scale up and build capacity. Its activities include setting up and expanding the sales network in BOT model, Sales, Strategic HR, Digital Enhancement of Businesses, Business Funding and Training & Development.

He has played a role in BHEL's absorption of 500 MW and 1300 MW Turbine-Generator technology for manufacturing turbines and generators for thermal power plants. He has established and optimised the manufacturing process for turbine parts and assemblies like turbine blades, turbine casings, turbine rotors, governing components, valve bodies on CNC machines during his tenure at BHEL. Thereafter, in Escorts, he set up the first CAD/CAM centre, and was a core team member in the development of an indigenous 4 stroke engine for Escorts Motorcycles.

Debashish has worked with top-notch organisations like BHEL, Escorts, and Siemens. In a career spanning 35+ years, he has contributed to the businesses of over 150 organisations comprising MNCs, PSUs, Private companies, and government organisations, some of which are Hero Motors, ONGC, NTPC, Hero

Cycles, International Tractors, Mercedes Benz, DCM Shriram, Municipal Corporation of Greater Mumbai, Employees' Provident Fund Organisation. He has delivered over 100 ERP, IT and Business Consulting projects in the domains of automotive, engineering, manufacturing, chemicals and fertiliser, cements and refractories, public services, power utilities and steel manufacturing.

Has led strategic restructuring and modernisation initiatives within and outside of Siemens. He has consulted and worked with senior bureaucrats, Central Ministers, Experts from Multi lateral funding agencies and social security organisations of other countries. In Siemens, he led the restructuring of its Services' Portfolio internationally, established SAP Practice in North and East India especially in Tier 2 and Tier 3 cities. He has turned around projects, trained and mentored senior and middle management professionals throughout his career.

Debashish believes in meeting and interacting with people and has a large social network. He loves to work in alumni fraternity and is an active member of IIT(BHU) Alumni Association and PanIIT Alumni India. He is currently holding the position of Chairman in PanIIT Alumni India. He is an avid music and theatre lover, and an amateur theatre performer.



Mr. S Radhakrishnan
Former President, BCC&I; Director, Infinity Group and Founder & Director of BDSCube Technology Pvt. Ltd.

Mr. S. Radhakrishnan, alumnus of St. Xavier's College, Kolkata, he obtained a Law degree and qualified as a professional Company Secretary. He is a Fellow Member of the Institute of Company Secretaries of India and a Member of the All India Management Association.

He joined Dishergarh Power Supply Company Limited (now India Power Co. Ltd.), a Power Generation and Distribution Company as Company Secretary and went on to be at the helm of affairs as Managing Director of DPSC Limited on January 25, 2003, a post at which he remained till February 10, 2010.

Mr. Radhakrishnan was also instrumental in forming DESCON Limited in March, 1995. DESCON was a knowledge based Consultancy Company specializing in the field of IT, ITES, GIS, Power Engineering & Design and Consultancy Services. He was also Managing Director of Descon Limited from 2003 till 30 th April, 2014.

Former President, The Bengal Chamber of Commerce and Industry.

He is the Executive Director & President, Infinity Infotech Parks Limited and Founder & Director of BDSCUBE Tech.



Mr. Biswanath Sengupta,
Co-Founder, Arthavedika, Tech Advisor ADB, NIC

Present Position: Co Founder of an IIT Kanpur Fintech Startup. Advisor to Fintech and Payments Organizations., AI , Identity management, Large Project Organization, Startup mentoring Past Positions : Program Director and Head (UIDAI-MSP). Sr. Vice President HCL, Advisor and Consultant to NIC Govt of India. Total Experience : More Than 35 years.

Organizations Worked : HCL , UIDAI-MSP, Wipro Technologies, Tata Steel, Siemens Business Services, Qualifications : BE Comp Sc 1986 Jadavpur University Kolkata , MS (BITS Pilani) 1991, Adv Dipl In Mgmt. Specialities : AI and Fintech , Very Large Programs , Identity management , Innovation in building

Fintech Solutions and Payments, Financial Inclusions, Aadhaar pay, UPI, Card and Mobile Payments. Building next gen financial solutions on Blockchain. Digital Identities and Solutions, India Stack .

Leading worlds Largest Identity Project aadhaar from 2012 – 2017. Building Competencies and Practices, Global Pre Sales and Delivery, vendor ecosystem management and Fortune 500 and Indian government customer management. Public Speaker Delivered lectures on Digital Identity , Payments in various national and international conferences. Delivery strategist and strongly believes in effective implementation as a Mantra of success.



*Gaurav Bhatiani,
Leader, Energy, Economy & Environment & Professor,
Indian School of Business.*

Dr Gaurav Bhatiani is a senior leader, with three decades of experience in research, development, advisory and corporate roles in energy and environmental sectors.

Dr. Bhatiani enables and empowers organizations to succeed through strategic business transformation, mentoring and technical advisory. He is currently a Senior Fellow at the Ashoka Centre for a People Centric Energy Transition, Ashoka University and a Visiting Professor at the Indian School of Business, Hyderabad. He is also mentoring select clean energy companies as a Senior Advisor.

Dr. Bhatiani has an extensive track record of managing large and interdisciplinary teams across energy, infrastructure and environmental sectors. His work

includes advising governments, public utilities, and regulatory bodies on policy, regulation, and reform strategies. As a senior corporate executive, he led economic and investment analysis, and financing of multi-billion-dollar infrastructure projects. He has published extensively, served various industry bodies and is a featured speaker at conferences and seminars.

Dr. Bhatiani holds a Ph.D. with a specialization in energy economics and regulation from the University of Delhi. He was awarded the Gold Medal for securing top rank in the master's program in business and economics. He holds a bachelor's degree in electrical engineering from the Indian Institute of Technology (Roorkee).



*Asim Prasad,
Co- Chairperson, BCC&I Energy, Environment & Water (National) Committee
& Executive Director (Corporate Strategy, Planning Advocacy and Corporate
Affairs) GAIL (India) Ltd*

Asim Prasad heads the Corporate Strategy, Planning, Advocacy, and Corporate Affairs departments as Executive Director (Corporate Strategy, Planning, Advocacy, and Corporate Affairs) at GAIL (India) Limited Corporate Office, New Delhi. During his 31-year professional career at GAIL, he held various positions at different installations across diverse business verticals, including operations and maintenance, pipeline project management, natural gas transmission, and gas marketing. He has been involved in the execution of several prestigious projects on Natural Gas Transmission and Distribution and LPG Transmission Pipelines.

Also, as Zonal Chief General Manager & OIC at GAIL Kolkata Zonal Office, he established the natural gas market in eastern states, promoting sustainable socio economic development in Jharkhand and West Bengal. One of his initiatives involved conceptualizing

and successfully implementing a pilot project to run two 100-ton BEML BH100 dumper trucks in dual fuel LNG mode.

Mr. Prasad holds a B.Tech in Mechanical Engineering from IIT Kanpur, a Post Graduate Diploma in Project Management, and a Master's in Business Administration.

He has several publications in conference proceedings and indexed journals of international repute. He is a Fellow at the Institute of Engineers India, Kolkata, a member of the Project Management Institute, New York, a member of the Engineering Council of India, and a Life member of ASCI, Hyderabad, NIPM, Kolkata, and IIM, Mumbai, erstwhile NITIE, Mumbai.



*Mr. Parveen Kumar Goel,
Chief General Manager, EWS-EIA, Sustainability and Water, EIL*

Mr. Parveen Kumar Goel has experience of about 30 years in Environment field. Mr. Goel holds a Bachelor's degree in Civil Engineering from Delhi College of Engineering and Master's degree in Environmental Engineering from I.I.T. Kanpur. Since then Mr. Goel has been working with Engineers India Limited. Presently he is working as Chief General Manager and heading EIA, Sustainability & Water

department of EIL. His area of expertise includes water & wastewater management, effluent recycle and zero liquid discharge systems, solid & hazardous waste management, waste to energy facilities, sea water desalination plants, environmental impact assessment and other specialized studies in the field of Environment.



Mr. Tapan Kumar Bandyopadhyay
Chief Sustainability Officer & Executive Director
(Safety, Sustainable Development, Environment & Ash Management)
NTPC Limited, Corporate Centre, Noida

B.E. (Mechanical Engineering), Bengal Engineering College, Shibpur (now IEST, Shibpur), then under Calcutta University – 1987

Mr. Tapan Kumar Bandyopadhyay brings over 38 years of distinguished experience in the Indian power sector, encompassing operations, fuel management, safety, environment, sustainability and ash Management. A veteran at NTPC, he has led diverse functions across operations & maintenance, project execution, coal and ash handling, safety and environmental management, including heading major business units such as NTPC Solapur.

Currently serving as the Chief Sustainability Officer cum Executive Director at NTPC's Corporate Centre, he leads the organization's strategic efforts in sustainable development, environment management, and ash utilization. He is at the forefront of developing NTPC's Net Zero Strategy, overseeing ESG performance, ratings, and sustainability disclosures aligned with global standards.

His expertise is instrumental in aligning NTPC's decarbonisation roadmap with national and global climate goals, including Net Zero townships and offices initiatives.



Mr. Devdeep Bose
Consultant, STEAG Energy Services (India) Pvt. Ltd.
Former General Manager – Operation & Maintenance of Patratu Project
(3x800 MW) of NTPC Limited.

Mr. Devdeep Bose, a Mech Engg of '88 batch is a seasoned energy sector professional with nearly four decades of experience in power plant commissioning, operations & maintenance, and safety management. He currently serves as a Consultant at STEAG Energy Services (India) Pvt. Ltd., Noida, contributing to high-efficiency and sustainable energy projects.

Previously, Mr. Bose held several leadership positions at NTPC Limited, including General Manager (Commissioning, Testing & Safety) at the Advanced

Super Critical Thermal Power Plant, Patratu, and AGM (O&M) at Sipat Super Thermal Power Project, Chhattisgarh.

Known for his expertise in operational excellence, performance optimization, and safety systems, Mr. Bose has played a vital role in advancing India's thermal power efficiency and clean energy goals, combining deep technical insight with strategic leadership



*Santanu Roy,
Principal Advisor, GPS Renewables (Mech 84)*

Santanu Roy, topper of Jadavpur University ('84 Mechanical) with MBA in Operations Management, superannuated in '22 from GAIL as Executive Director - Business Development. Sustainable Development & Corporate Affairs. He was part of Top Management Team in GAIL for over a decade and had previously headed Strategy & Planning and Projects Development.

Mr Roy had an enviable track record of thinking strategically at macro level, management skills

and excellent business acumen to build several new sustainable business models. His tenure saw remarkable success in mainstreaming sustainability through win-win collaborations, formulation of "Net Zero Emission" Path and innovative measures leading to "Value Beyond Business".

He remains passionate about integrating strategy with sustainable energy solutions and is active in business consultancy / mentorship.



Professor Anindita Roy Saha, DU (Economics, 87)

Prof. Anindita Roy Saha is a scholar, researcher, environmentalist and above all a teacher. With Environmental, Ecological and Resource Economics as her academic specialization, she has been involved in teaching and research in this area for three decades. She is a Professor at the Department of Economics at Indraprastha College for Women, University of Delhi.

Prof. Saha graduated from Jadavpur University, Kolkata and completed her post-graduation and Ph D degrees at Jawaharlal Nehru University, New Delhi. Her doctoral research in Energy Economics gradually transcended to the interest and specialization in the Economics of Environment, Sustainable Development and Climate Change within the broader domain of Development Economics. She has been associated

with the Department of Environmental Studies at the University of Delhi, Jawaharlal Nehru University, Ambedkar University Delhi, Indira Gandhi National Open University, Nalanda University and Amity University in various academic capacities.

Prof. Saha has a long list of research publications, research supervision, and academic deliberations at international and national levels. She has recently co-edited a book titled 'Sustainable Development Insights from India: India Studies in Business and Economics' from Springer, Singapore. Her latest work is a research project on migration impacts of climate change in South Asia awarded by the Indian Council of Social Science Research, New Delhi. Besides academics, she is committed to creating a healthier, sustainable, and connected future for communities.



*Mrs. Sudeshna Das,
Program Co-Convener, Founder & Chief Strategist,
KrishiCraft (Bio Chem Engg. 2004)*

Sudeshna Das is a passionate advocate of sustainable development, social responsibility, environmental stewardship, and inclusive innovation, with over two decades of experience spanning both the corporate and social sectors. Her work reflects a deep commitment to building impact-driven and responsible business ecosystems that seamlessly bridge profit with purpose.

A B.Tech in Bio-Chemical Engineering from Jadavpur University, Sudeshna began her career with PepsiCo India Holdings Ltd. and went on to hold leadership roles at GS1 India (under the Ministry of Commerce) and Electronics For You, a leading technology media group. She has also served in teaching and mentorship roles at the West Bengal University of Technology and Padmashree D.Y. Patil University, Mumbai. Her professional expertise spans strategic alliances, marketing, research, stakeholder engagement, learning and development, and corporate and sustainability communication, honed through her work across diverse sectors.

As the Founder & Chief Strategist of KrishiCraft, an initiative under Avahita, a sustainable-tech start-up, Sudeshna leads efforts to go beyond profit and innovation integrating technology, sustainability, and social responsibility to create long-term value for people, planet, and prosperity.. Under her leadership, Avahita has been recognized as a National Award-winning start-up under the Best Entrepreneurship Category by the Indian Council of Agricultural Research (ICAR), Ministry of Agriculture, for its exemplary contribution to sustainable agri-value chain development.

A believer in mindful action and compassionate leadership, Sudeshna combines strategic foresight with empathy to drive initiatives that foster economic empowerment, environmental balance, and social impact. She continues to work for the localization of the UN Sustainable Development Goals (SDGs) and envisions a future where sustainability, innovation, and community well-being thrive together in harmony.



Mrs. Srabani Biswas
Secretary JU Alumini Association, Delhi Chapter

Srabani Biswas is a passionate and accomplished educator with over 15 years of experience in teaching and academic coordination across primary and secondary levels. She holds a Master's and Bachelor's degree in Comparative Literature from the prestigious Jadavpur University, Kolkata, both with First Class honors, reflecting her strong academic foundation and intellectual rigor. Her professional journey is further enriched by a B.Ed. from Chaudhary Ranbir Singh University, Diploma in Child Psychology, Diploma in Fine Arts from Bangiya Sangeet Parishad, showcasing her commitment to both pedagogical excellence and creative expression.

Throughout her career, Srabani has demonstrated exceptional versatility in adapting her teaching methods to suit the diverse learning needs of students in both urban and rural settings. Her tenure at SCR Public School as a Post Graduate Teacher (PGT) in English and Social Studies, and her earlier role as a Primary Teacher and Art Coordinator at Presidium School, underline her ability to engage students across age groups and subjects. She is known for creating inclusive, stimulating classroom environments that foster curiosity, creativity, and critical thinking.

Beyond the classroom, Srabani is a dynamic organizer and community leader. She has successfully planned and executed numerous school events, excursions, seminars, and cultural programs, enriching the educational experience for her students. Her leadership roles as the Secretary and former Joint Secretary of the Jadavpur University Alumni Association (Delhi Chapter), and as the Cultural Secretary of the Dwarka Expressway Durga Puja Committee, reflect her dedication to community building and cultural engagement.

Srabani Biswas has consistently demonstrated her commitment to social welfare through generous donations to NGOs and the Ramkrishna Mission orphanage. She regularly donates a portion of her earnings to support education, healthcare, and the overall well-being of underprivileged children. Her contributions not only provide financial assistance but also reflect her deep-rooted values of compassion, empathy, and community service, making a meaningful impact beyond the classroom. With a strong sense of responsibility, a collaborative spirit, and a deep commitment to student development and community service, Srabani Biswas stands out as a multifaceted professional who brings energy, empathy, and excellence to every endeavor.



Abhishek Srivastava
Senior Consultant, Oroprise Solutions Pvt Ltd

Abhishek Srivastava is a Senior Consultant with over a decade of experience in designing, implementing, and optimizing IT ecosystem involving multiple technology domains and industry verticals. His career has spanned engagements with leading global enterprises, government entities, and IT service organizations, where he has played a pivotal role in mapping business strategy with infrastructure needs.

He has worked extensively across sectors including government and public sector undertakings, manufacturing, consumer goods, and financial services — helping organizations accelerate their digital transformation journeys through secure, scalable, and automated hybrid environments built on best-in-class platforms. Abhishek's expertise covers the full lifecycle of tech adoption — from infrastructure design and deployment to automation,

monitoring, and disaster recovery — ensuring performance, resilience, and compliance for mission-critical systems.

He is a Senior Professional with Oroprise Solutions leading engagements to build large systemic architecture. His consultative approach, combined with a deep technical foundation, has earned him recognition for bridging the gap between business objectives and technology execution. Prior to Joining Oroprise Solutions, he has worked for celebrated companies like Infosys, Wipro & HCL.

An engineering graduate, Abhishek has grown up in the iconic city of Prayagraj and currently stays in Noida. Beyond his professional duties, he contributes in diverse community bonding initiatives and sustainable measures.



Prasenjit Samanta
Practice Lead – GIS & Urban Solutions Oroprise Solutions

Prasenjit Samanta is the Practice Lead – GIS & Urban Solutions for Oroprise Solutions. As the Practice Lead, Prasenjit is responsible for pre-selling and delivery of all GIS and City-related projects in India, Middle-East, and the USA. In Europe market he has been working on tech-based projects on Cloud Infrastructure and Service-desk management.

Over the last two decades, he has played leading roles in implementing projects involving GIS, ERP, CRM, Data Insights and Field-Service applications for cities and urban local bodies on multiple proprietary platforms and databases like ESRI, Oracle and Microsoft as well as opensource bespoke solutions.

He has been working for Oroprise Solutions for almost a decade and lately he has successfully delivered projects for cities and urban entities like City of Decatur, Illinois, USA, Dubai, Haldia Municipality, and Kolkata & West Bengal Police. He has immense contribution in conceiving and delivering revenue management systems for urban local bodies.

A Masters in Remote Sensing & GIS with a post graduate diploma in Urban Development Planning, Prasenjit shuttles between Noida and Kolkata as his base location. As his part-time avocation, he teaches in institutes on subjects like Remote Sensing & GIS and smart cities.



Anurag Chivilkar,
Director & VP, Roofsol Energy

Heading Sales and Business Development in Roofsol Energy. Director and Member of Founding team at Roofsol Energy. Total work experience in B2B sales and marketing 15 years. 11 years of experience in

selling solar projects in Rooftop C&I and Open access. Agriculture Engineer from Konkan Krishi Vidyapeeth Maharashtra and MBA in Marketing from Mumbai University.



*Girish Surpur
Head Logistics, NEC*

Girish Surpur brings over two decades of experience in the Information and Communication Technology (ICT) domain, specializing in Sales, Presales, and Business Development within the logistics sector. He holds a Bachelor of Engineering (BE) in Computer Science from SDM College of Engineering & Technology, Dharwad, and a Master of Business Administration (MBA) from the Indian Institute of Technology (IIT), Roorkee.

At NEC, Mr. Surpur plays a pivotal role in driving strategic growth, business expansion, and technology-led transformation initiatives. His deep industry knowledge and proven leadership have helped the company strengthen its market presence, forge key partnerships, and deliver innovative ICT solutions tailored to the evolving needs of the logistics industry.



*Kaushik Dasgupta,
Sr. Associate Editor, Indian Express*

Kaushik Das Gupta has been a journalist for close to 25 years. He was trained in history at the Delhi University and JNU; a 12-year-old stint with Down To Earth and the Centre for Science and Environment imbued in him an abiding interest in ecology. Kaushik tries to bring his academic education and the knowledge that has accrued to him at work to his understanding of the environment – in other words, he

tries to understand how human initiatives shape the environment and are often shaped by it. His interest in Delhi's history and the city's environment as well as his lived experience as an asthmatic have also shaped his understanding of air pollution. He currently works at Indian Express, as a part of the team that shapes the paper's editorial stance.



Mrityunjay Prasad
Sr. General Manager (M) & Resident Director, Damodar Valley Corporation (DVC), New Delhi.

Mrityunjay Prasad is a seasoned power-sector professional with 27+ years of experience in Thermal Power Plant O&M, Fuel Management, Coal Logistics, Materials Management, and Corporate–Ministerial Coordination. Having spent his entire career with the Damodar Valley Corporation (DVC) under the Ministry of Power, Government of India, he has played a pivotal role in strengthening operational efficiency, policy alignment, and strategic transformation across the organization.

In his current role as Sr. General Manager (M) & Resident Director, DVC, New Delhi, he leads high-level coordination with the Ministry of Power, Ministry of Coal, Railway Board, and other central agencies on corporate affairs, policy matters, and inter-ministerial engagements. He supports innovation-led initiatives in the power sector, drives commercial strategies, ensures regulatory compliance, and represents DVC in government forums and administrative interactions.

Earlier, as General Manager (O&M) at Bokaro Thermal Power Station, he oversaw plant operations, maintenance, ash management, environmental compliance, and infrastructure upgrades. As Deputy

General Manager (Fuel), he managed fuel sourcing, multimodal logistics, coal quality assurance, and ERP-led system improvements.

Known for his strategic thinking, collaborative leadership, and ability to implement technology-driven solutions, Mr Prasad has contributed to ERP/EBA rollouts, standardization practices, and process optimization across DVC units. Passionate about sustainable and innovative approaches, he remains committed to enhancing efficiency and societal value through responsible energy management.

His guiding philosophy, "आत्मज्ञानार्थं जगत् हिताय च", reflects his dedication to purposeful, ethical, and impactful leadership.

Education:

PGDM (Logistics & Supply Chain), IIMM Kolkata

B.E. Mechanical Engineering (Distinction), BIT Sindri

Presently working professional research scholar with Gati Shakti University, Ministry of Railways, Vadodara.



Sidhartha B Chowdhury
BE Electronics & Tele Communication '78

Sidhartha is a 1978 graduate of Jadavpur University Electronics & Tele Communication. In a career spanning four and a half decades, he held many important portfolios in multiple Industries from Banking, Finance, Retail, Consumer Services, Public Sector (US Govt business) EduTech and Healthcare.

Currently he provides Consulting services to a Group of Hospitals in USA in their EMR/EHR systems and provider Industry transformation services. He was Head of Engineering in NEC Technologies (India) and in this capacity he was responsible for global rollout of products/services in Banking & Financial Services, Retail, Logistics and Supply Chain and introducing Large Deals incubation, conceptualization and market development.

The major projects handled were 7-Eleven Inc., ISETAN, Mizuho Bank H2H/Giro systems to cater to Geo specific regulations, SMBC Remittance System, CSC Kiosk Banking, AEPS, Transaction Banking Solution. He was involved in initiatives focusing on providing Financial Inclusion Solutions based on Micro-ATM, providing Cloud and Platform based solutions targeting the SME sectors In HCL Technologies he was Head of Global RETAIL & Consumer Services and had set up the Retail & Consumer Practice from its infancy. Apart from the Delivery responsibilities of complex engagements, he is well versed with RETAIL Business, Supply Chain Business, demonstrated leadership,

consultative selling and customer facing skills in driving key wins in EMEA with DSG International (Dixons), IKEA, in Asia-Pac with Fonterra, Dairy Farm, ASWatsons Group, ColesMyer, Foodstuffs in USA with Lowe's, McDonalds, Safeway, Cadbury Schweppes, Dr Peppers Snapple Group, GSI Commerce, in Brazil with Lojas Renner.

He also held global portfolios at TCS, where he was responsible for Delivery in a key multi-functional role simultaneously handling multiple accounts of US Government and conceptualization, development of Products for the same Vertical.

At Standard Chartered Bank, Regional Services Division, Hong Kong he was a key player in Retail Banking package (HOGAN) implementation at Standard Chartered Bank at their Regional Services Head Quarters (Hong Kong) and was involved in supporting the Front Office Operations (ATM, ePOS, CIS) and Core Banking Solutions of Standard Chartered bank.

Other Interests

He is an avid football fan, and his immediate target is to witness in-person the Football World Cup 2026 in USA and hopes to be present at the MetLife stadium New Jersey on 19th July 2026 to witness the final.



*Ms. Angana Guha Roy Chowdhury,
Assistant Director General, The Bengal Chamber of Commerce
and Industry (BCC&I)*

Ms. Angana Guha Roy Chowdhury, an alumna of South Point School and Jadavpur University, Kolkata is working as Assistant Director General in The Bengal Chamber of Commerce and Industry (www.bengalchamber.com), one of India's oldest institutes of its kind dating its origins to 1833. Angana joined BCC&I in 2009 January as Programme Manager. She has set up and now leading BCC&I's Office and engagements in Delhi.

She is a start-up enthusiast. She has set up Webel-BCC&I Tech Incubation Centre with Webel under the Information Technology and Electronics Department of Government of West Bengal. It is the first such initiative of BCC&I. Her team is running it now and her focus is to create more opportunities for the start-ups, incubated, by connecting them with investors and other stakeholders.

She leads BCC&I's initiatives in IT and IT Entrepreneurship with signature engagements in Kolkata and Bengaluru.

She is passionate about sustainability. She has led BCC&I's initiative of participating in COP26, United Nations Climate Change Conference. BCC&I was granted approval to present a Panel Discussion on Accelerating Electric Mobility with Green Jobs and Gender Parity on 10th November at Green Zone, COP26 in Glasgow. She is also the anchor of clean energy and sustainability focused programmes of BCC&I including decarbonization, net zero, circular economy, ESG among others.

She has curated and ideated a flagship discussion forum for Women IT professionals and entrepreneurs called Pink IT in Kolkata which has been running successfully under her leadership. Similarly, she leads POSH Awareness programmes of BCC&I. She was the Chairperson of POSH Internal Committee at BCC&I.

She leads Chamber's overseas linkages. The overseas delegations (inbound and outbound), in recent times, are primarily coordinated by her and her team.

She has vast experience in liaising with the Industry, Government, Consulates/Embassies among others. Her expertise includes organizing B2B and B2G. She has led Seminars, Workshops, B2B Meets and Exhibitions in Kolkata (along with districts including Haldia, Durgapur, Siliguri), Delhi, Mumbai, Bengaluru, Chittagong, London among other places.

She is responsible for anchoring some of the most prestigious events and activities mounted by BCC&I including the visit of the Hon'ble President of India in September 2013 and that of Hon'ble Vice President of Mauritius in 2017.

She is an alumna of the International Visitors Leadership Program (IVLP) invited by the State Department of USA. IVLP is the U.S. Department of State's premier professional exchange program. Through short-term visits to the United States, current and emerging foreign leaders in a variety of fields experience this country firsthand and cultivate lasting relationships with their American counterparts.

As a student, she participated in the Swinton Exchange Programme organized by Swinton Comprehensive School at Lake District, UK, in 2002. She also joined the International Gold Event 2005 & its Youth Forum of International Award for Young People (IAYP) in Hong Kong & China which was chaired by HRH the Earl of Wessex.

She is an adventurer especially in high altitude trekking including Everest Base Camp (5534m) and Kalapathar (5550m).



Avishek Mukherjee
Chief Manager – The Bengal Chamber of Commerce and Industry

A competent professional with 20+ years of accomplished career track of delivering, sustaining revenues & profits. An effective communicator with exceptional client relationship management skills with ability to relate to people at any level of business and management. Major skills include pre-sales proposals, handling customer conflict and identifying new business opportunities. Currently working as the Chief Manager with The Bengal Chamber of Commerce & Industry(BCC&I) who has introduced many new clients to the portfolio of the Chamber namely in the Energy/Power and Renewable Energy

sector. Adept in developing strong professional networks, specializes in revenue growth and public relations.

Experienced in Government relations, corporate communications, policy advocacy, business development, Marketing Communications, Business Development, Corporate tie ups, conceptualization and execution of large-scale Events, Seminars and Exhibitions, Key Account Management, Policy Advocacy, Market Intelligence on a Pan India basis



Dipannita Mukherjee Chakraborty
Chief Manager – The Bengal Chamber of Commerce and Industry

Dipannita Mukherjee is an accomplished professional with over two decades of experience in customer relations, operations management, and institutional communications. Currently serving as Chief Manager – Delhi at The Bengal Chamber of Commerce and Industry, she oversees strategic engagement, member relations, and outreach initiatives in the National Capital Region.

Prior to joining the Chamber, Dipannita held key leadership roles across diverse sectors – including education, electronics, financial services, and telecommunications. Her professional journey spans positions such as Customer Service Manager at Woodman Electronics Pvt. Ltd., Admissions & PR Head

at BDM International School, Deputy Manager at India Infoline Ltd., and Assistant Manager – Customer Service at Vodafone East Ltd., where she led large teams, streamlined service delivery, and ensured excellence in customer satisfaction and communication.

Known for her proactive approach and people-centric leadership, she brings expertise in stakeholder management, quality assurance, and customer experience design.

Dipannita holds a Bachelor's Degree in Commerce from Durgapur Government College, following her schooling at St. Michael's School and Carmel Convent High School, Durgapur.



Kaushiki Deb
Executive Committee Member, Jadavpur University,
Alumni Association Delhi Chapter

Schooling in Patha Bhavan school, Kolkata. A bachelor of pharmacy from Jadavpur University, she worked as supervisor in the R&D laboratory of Reckitt & Colman of India limited for 5 years.

Presently she is based in Delhi and has changed her career course totally. She is now a professional singer a voice over artist , an actor and a show anchor.

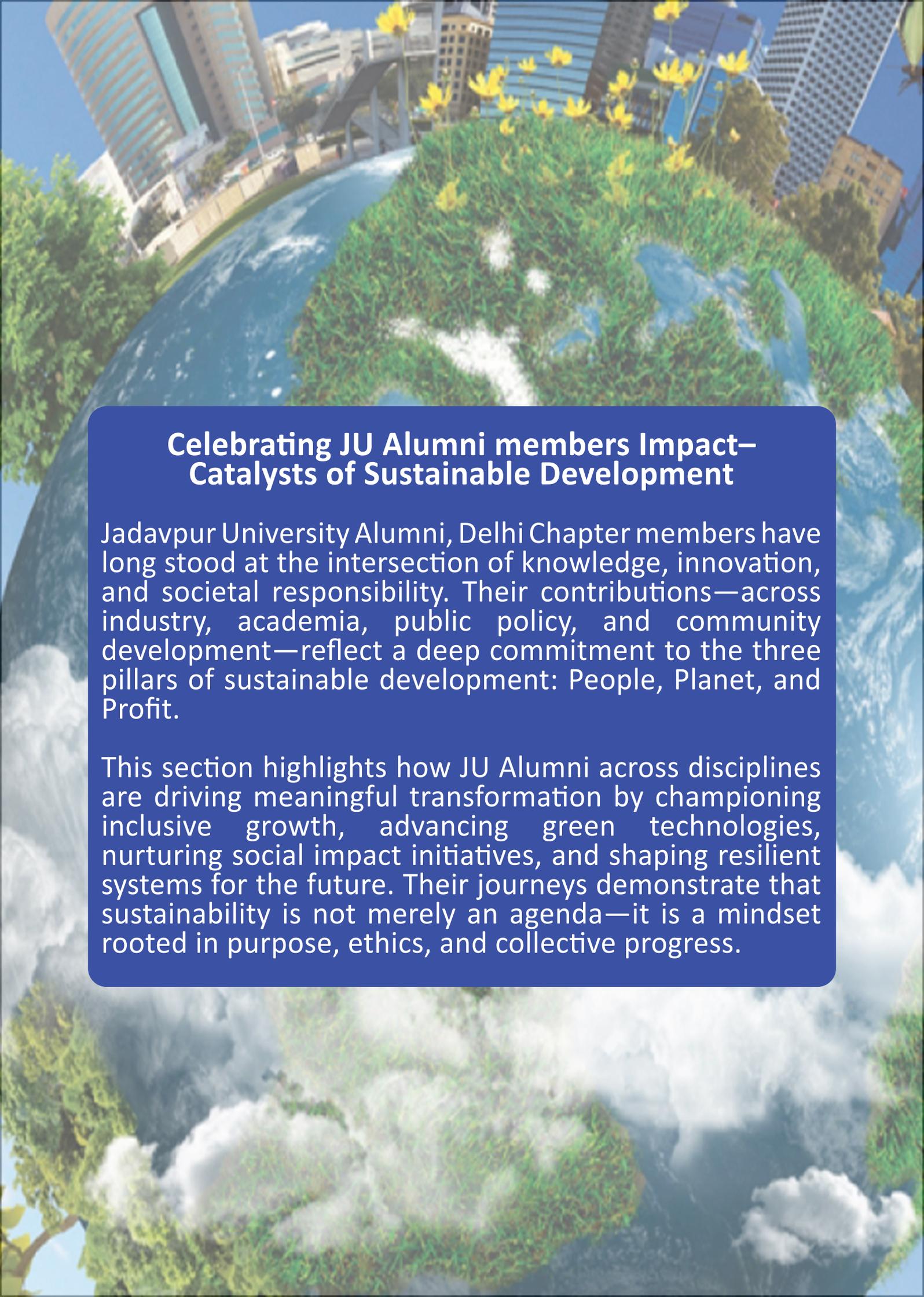


Anaya Mondal
Executive – The Bengal Chamber of Commerce and Industry

A dedicated professional with 3 years of experience in environment and sustainability sector, she has worked on various projects focused on climate finance, climate adaptation, ESG frameworks, supporting sustainable trade practices and enhancing sustainability initiatives. She has done her Bachelors and Master's degree in Political Science and

International Relations from Jadavpur University.

Her experience spans project management, corporate communications and stakeholder engagement. Passionate about creating a positive impact, she has worked alongside private stakeholders, NGOs, think tanks and various government departments.



Celebrating JU Alumni members Impact— Catalysts of Sustainable Development

Jadavpur University Alumni, Delhi Chapter members have long stood at the intersection of knowledge, innovation, and societal responsibility. Their contributions—across industry, academia, public policy, and community development—reflect a deep commitment to the three pillars of sustainable development: People, Planet, and Profit.

This section highlights how JU Alumni across disciplines are driving meaningful transformation by championing inclusive growth, advancing green technologies, nurturing social impact initiatives, and shaping resilient systems for the future. Their journeys demonstrate that sustainability is not merely an agenda—it is a mindset rooted in purpose, ethics, and collective progress.



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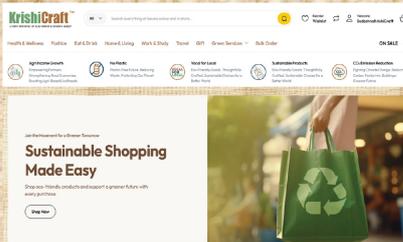
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Antimicrobial Resistance and One Health Approach for Urban Sustainability

Prof. Kasturi Mukhopadhyay
Antimicrobial Research Laboratory,
School of Environmental Sciences,
Jawaharlal Nehru University,
New Delhi 110067

Antimicrobial resistance (AMR) is one of the major causes of global health problems that disturb the living systems as well as environment. AMR was originated, rightly few years after penicillin was introduced by Alexander Fleming. After the discovery of penicillin in 1928, penicillin resistance was noticed within few years of its mass production and consumption in early 1940s, especially in World War II. This marks the first major example of AMR in modern medicine. AMR has become a silent pandemic now and combating AMR issue holds significant value in achieving the United Nations Sustainable Development Goals (SDGs). While majorly linked to SDG 3 – Good Health and Well-being, AMR management plays substantial role to target several others like SDG 6 – Clean Water and Sanitation, SDG 12 – Responsible Consumption and Production, and most importantly, SDG 11 – Sustainable Cities and Communities.

The environmental pollution with antimicrobials and multi drug-resistant (MDR) pathogens are the cause of antimicrobial resistance (AMR). The uncontrolled consumption, inadequate effluent treatment, improper waste disposal leads to antibiotic accumulation in air, waterbodies, thereby direct the emergence of drug-resistant pathogens. Managing AMR through antibiotic stewardship via controlled consumption and production, appropriate waste management from hospitals and pharmaceuticals, and control of antibiotic resistance helps reduce antibiotic pollution and disease risks, supporting the sustainability and resilience of the urban environments. To combat AMR, the recent strategy is the “One Health” (human, animal, plant and environmental health) approach, a collaborative effort of multiple health science professions and advisory panel made up of Food and Agriculture Organization (FAO) of the United Nations, World Health Organization (WHO), World Organisation for Animal Health (WOAH) and United Nations Environment Programme (UNEP) (Fig 1).

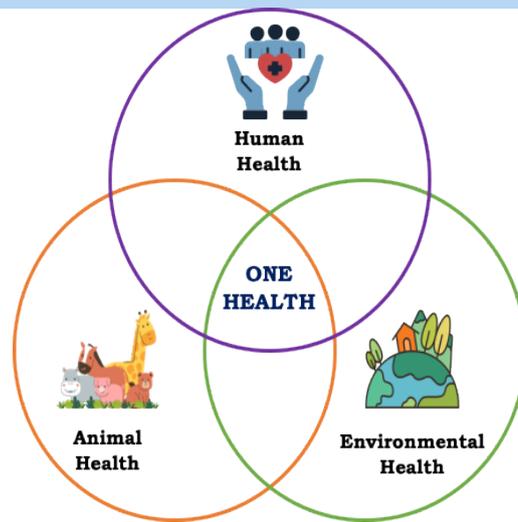


Fig 1: One Health, a collaborative effort to improve human, animal and environmental health.

Starting from public awareness campaign and improving strategy of hygiene measures to global surveillance of drug resistance, the “One Health” approach is addressing the AMR problem worldwide. Research on AMR powers enormous applied value, affecting multiple aspects of public health, economy and the environment. Investing in AMR research and studies to find the pattern as well as the molecular basis of drug resistance in pathogenic bacteria are worth doing to win against the AMR warfare. The AMR research promotes sustainable use of antibiotics, minimizing their overuse and subsequent release into the environment, thereby protecting the ecosystems and prevent the antibiotic pollution. Moreover, One Health research contributes to urban resilience and sustainability by addressing issues like water and air pollution, antimicrobial resistance and infectious diseases caused by drug-resistant pathogens.

The diversity of bacteria particularly pathogens present in the environment including air and water can significantly influence public health at global scale. Despite this, the bacterial biodiversity populating the environmental ecosystems are poorly known in the Indian scenario, in terms of their specific sources and biogeography. Urban spaces like health centres, industrial effluent sites, river areas etc. are the potential sources of diverse bacterial species that should be monitored for understanding the impact of these pollution sources on urban environments.

Importantly, Bioaerosols are integral part of our ecological system and play an important role in its balance. It is a mixture of solid or liquid particles in air containing whole or parts of biological materials. Biological materials include human pathogens, toxic or allergic pieces of microorganisms, dust mite parts or feces, animal dander, fur, dried saliva, and animal waste products are sources for aerial release of these living or dead cells. Airborne microorganisms and microbial by-products from intensive livestock and its management systems are a potential health risk to the individuals in nearby communities.

Our current research is based on the key strategic objectives of “One Health” research agenda for AMR, which are improving the understanding of AMR transmission and surveillance for

action particularly in Indian scenario as well as development of novel antimicrobial drugs. In this article we are concentrating ourselves in AMR transmission and surveillance.

Since the last decade, we have been involved in analysing the bacterial communities present in air and water samples from several locations at JNU and other Delhi-NCR region like sewage treatment plant, urban sites adjacent to hospitals/pharmaceuticals, market complexes as well as urban slums. Some figures regarding collections of water samples and air samples from the Sewage Treatment Plant (STP) in Saraswatipuram, Jawaharlal Nehru University have been depicted in the Fig 2 and Fig 3 respectively. An image of air sampler showing the outdoor sample collection has been presented in Fig 4.



Fig 2: Collection of water samples from Sewage Treatment Plant (STP) in Saraswatipuram, Jawaharlal Nehru University, New Delhi.



Fig 3: Collection of air samples from sewage treatment plant in (STP) in Saraswatipuram, Jawaharlal Nehru University, New Delhi.

Traditional culture-based methods are mostly unable to portray the appropriate data related to the microbial biodiversity in environment, modern techniques like metagenomics and next-generation sequencing (NGS) are gaining importance in this scenario. Therefore, in our research, both culture-independent methods which is known as ‘metagenomics’ and culture-dependent protocols were performed to understand the bacterial load and diversity in various air and water samples.



Fig 4: Air sampler

Most importantly, our research team is involved in studying the AMR and multi drug resistance (MDR) in ‘ESKAPE’ pathogens, a group of bacteria which pose serious threat especially in healthcare settings. Their ability to cause resistance and escape the effect of antibiotics signifies their name as ‘ESKAPE’. For this propose, we are engaged in isolating those bacteria from bioaerosols (Fig 5) and urban wastewater (Fig 6) in Delhi-NCR, India. Molecular detection of different antibiotic resistance genes (ARGs) and virulence genes are being studied in the resistant isolates, which indicate the prevalence of AMR and its complex mechanisms in environment.

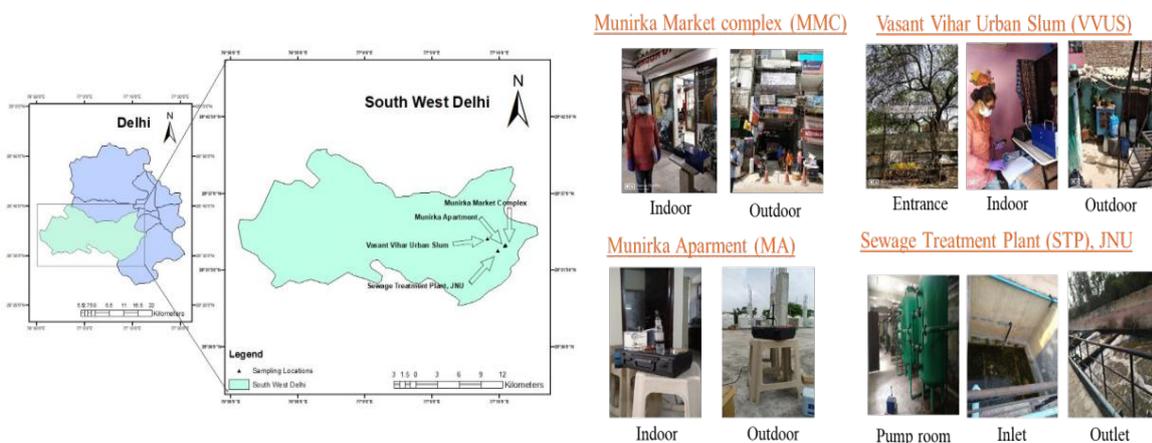


Fig 5: Site map of air sampling locations in Delhi with some representative images.

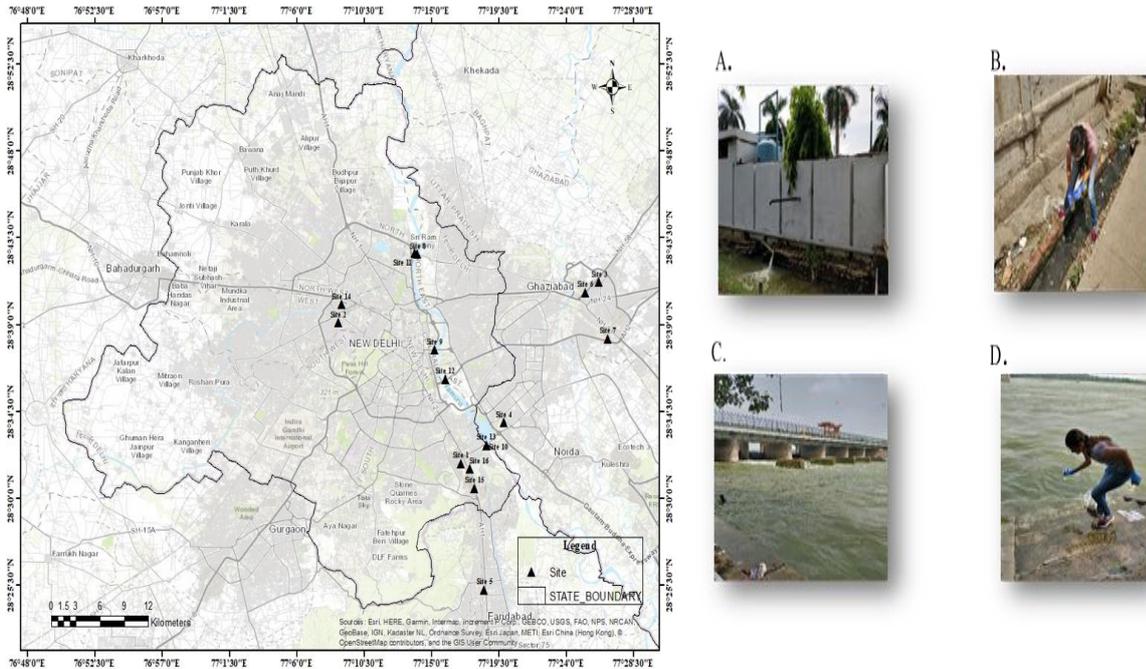


Fig 6: Site map of water sampling locations across Delhi-NCR region with some representative images of sampling in different sites (A, B, C, D).

Towards the sustainable urban transformation, that aims to provide safe and healthy city infrastructures, AMR management both in healthcare and environmental settings is crucial. Adopting “One Health” approach through screening and surveillance of AMR transmission in environment as well as adequate waste management, sanitation, clean water and air are necessary objectives in achieving the goals of ‘Smart Cities Mission’, an initiative led by the Indian government. The increasing occurrence of bacterial pathogen are not only restricted to the clinical setting but also detected in natural ecosystems like urban wastewater and rivers.

Our study presents the survey of the prevalence, diversity and drug resistance pattern of pathogenic bacteria in different urban environmental settings. This study can be useful in bridging the knowledge gap on prevalence of AMR in environmental ecosystems and might be useful in informed decision-making for holistically combating AMR through “One Health” approach.



Pradipto Dutta BChE '73, Jadavpur University

A Story of Community Bonding & Leadership

I moved to Noida in 1992 from Barauni (Bihar) on transfer. Throughout my school and professional life, I had been deeply involved in Bengali cultural activities—participating, organizing, and contributing to artistic and community-centered events. Culture was not merely an interest for me, but a passion and a means of engaging with community life.

Upon arriving in Noida, I initially felt a sense of disconnect. I could not immediately find a platform to continue my cultural involvement, nor a way to contribute creatively to the social fabric of the growing urban environment. I strongly believed that art and culture play an essential role in sustainable urban development by fostering identity, belonging, and cultural continuity for both residents and visitors.

However, this changed when I came across the Noida Bengali Cultural Association (NBCA) located near my residence in Sector 26. At that time, the organization was in its early stages, yet it held a promising vision. Over time, it grew into one of the most prominent cultural organizations in the National Capital Region (NCR). I gradually took on several key cultural responsibilities within the association and became closely involved in its activities.

The Kali Temple associated with NBCA soon became a center of cultural convergence. It attracted not only the Bengali community but residents from various cultural backgrounds who actively participated in the pujas and festivities. The highlight was the annual Durga Puja celebrations, especially the Cultural Festival. Even today, it remains one of the most significant cultural events in the NCR, featuring performances in both Bengali and Hindi.



In the midst of Noida's largely industrial surroundings, the growth and vibrancy of NBCA contributed meaningfully to the cultural landscape of the city. It provided a sense of cultural identity, strengthened community bonds, and introduced artistic and social activities that enriched everyday urban life. This experience illustrates how culture can serve as a powerful tool for sustainable urban transformation—creating shared spaces of interaction, belonging, and creativity within an industrial and rapidly modernizing environment.





AMALENDU DATTA, BChE '64, Jadavpur University

Unplanned Urbanization in Basirhat: A Tale of Neglect and Consequences

Basirhat, a two-century-old village town in West Bengal, bordering Bangladesh, is facing severe consequences of unplanned urbanization. This 6km x 6km area, comprising 8 villages, including Basirhat proper town, has experienced a 1000% population growth over the past 50 years. However, the infrastructure has not kept pace with this growth, leading to severe strain on existing resources.

The Problem of Encroachment

The town's six major roads, situated along the Ichamoti river, were once lined with open drains (khana) that effectively managed rainwater and household discharge. However, over the years, these drains have been encroached upon by new inhabitants and old residents alike, leading to their disappearance. This has resulted in severe waterlogging during rainy seasons, with water accumulating on roads and in adjoining houses, causing persistent flooding.

Consequences of Unplanned Growth

The lack of adequate infrastructure has led to a range of problems, including:

- Increased flooding due to encroachment of water bodies and drains
 - Increased ground water level in the region which needs to be established through proper survey and studies
 - Increased traffic congestion on existing roads, leading to suffocating conditions
 - Arsenic pollution in some areas, posing a threat to public health
 - Loss of green spaces, with plantation reduced to almost zero
- Lapse in Implementation of Regulations
Despite existing regulations, the implementation of rules has been a major issue. The century-old Basirhat Municipality has failed to enforce regulations, leading to unchecked growth and encroachment. The consequences are evident, the increased ground water level in this area needs to be established through proper survey and studies.

A Call to Action

The situation in Basirhat is a classic example of

unplanned urbanization, where population growth has not been matched by corresponding infrastructure development. It is imperative that immediate action is taken to address these issues, including:

- Restoration of water bodies and drains
- Enforcement of regulations to prevent encroachment
- Development of new roads and infrastructure to support growing population
- Promotion of green spaces and plantation to maintain ecological balance

The situation in Basirhat is a wake-up call for policymakers and administrators to take cognizance of the consequences of unplanned urbanization and take steps to ensure sustainable development.



Case Study:

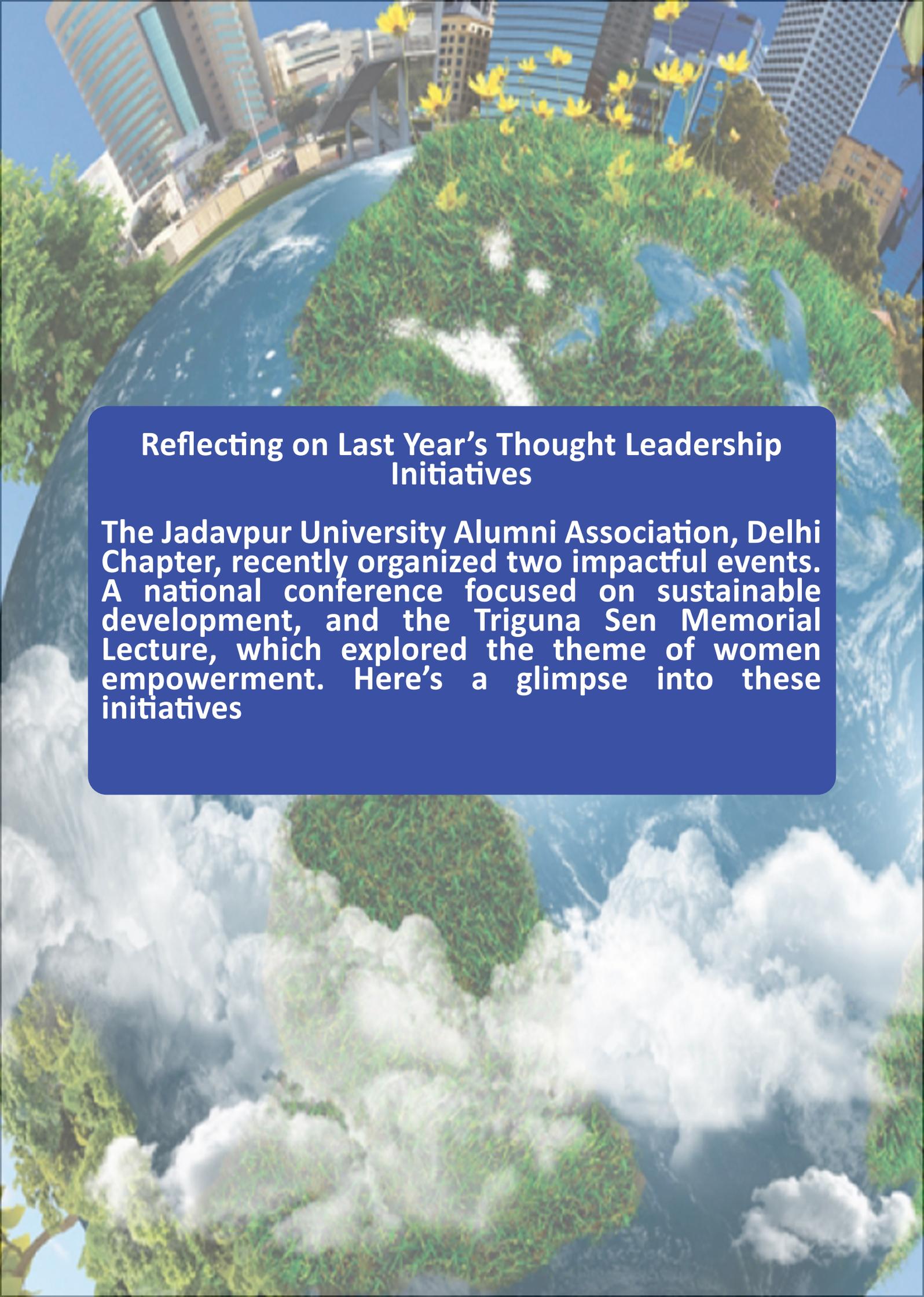
Basirhat's Changing Water Dynamics

Basirhat, a town in West Bengal, is experiencing an unusual phenomenon. Fifty years ago, village ponds

would dry up completely during summer, requiring measures to save fish. However, now, these ponds remain full even during peak summer, leading to flooding during rainy seasons, causing problems for locals and resulting in fish loss. This change is possibly due to a rise in groundwater levels in the Basirhat region, a geo-physical phenomenon that needs scientific confirmation and attention.

Basirhat at a Glance:

- Population: 2 lakhs
- Literacy rate: 85%
- Municipality budget: Rs 100 crores
- 23 wards, 6 higher secondary schools (1 over 150 years old, 3 over 100 years old)

The background of the entire page is a composite image. It features a blue and white globe of the Earth. A lush green roof with several yellow flowers is positioned on top of the globe. In the background, a modern cityscape with various skyscrapers and buildings is visible under a clear blue sky.

Reflecting on Last Year's Thought Leadership Initiatives

The Jadavpur University Alumni Association, Delhi Chapter, recently organized two impactful events. A national conference focused on sustainable development, and the Triguna Sen Memorial Lecture, which explored the theme of women empowerment. Here's a glimpse into these initiatives





