

# INDIA@2030 :

ENERGY

ECONOMY

EMPLOYMENT



22nd March 2025  
8-30 am to 17-00 pm

Venue :  
The Orchid Hotel  
Mumbai International Airport T1,  
Mumbai



Organised by  
**Alumni Association, N.C.E Bengal & Jadavpur University**  
(Mumbai Branch)

Registration No. : 985 / 2001 and F 23569 Dt. 9th Jan 2002

The Alumni Association (Mumbai Branch) of Jadavpur University  
is organising a national Conference on the theme

## **INDIA@2030 : Energy, Economy, Employment**

**on 22nd March 2025, 8-30 hrs to 17-00 hrs**

**Venue :** The Orchid Hotel Mumbai, 70-C, Nehru Rd,  
near Chhatrapati Shivaji Maharaj International Airport T1,  
Navpada, Vile Parle (E), Mumbai, Maharashtra 400099

### **Concept Capsule**

Famous Economist Adam Smith said in his seminal book “Wealth of Nations” - *'No society can surely be flourishing and happy, of which the far greater part of the members are poor and miserable.'* People come out of poverty when they earn their livelihood through employment. Thus, one of the most important factors of economic development is employment creation.

Today, India is the 5th largest economy with a GDP of USD 3.7 trillion (est. FY24). By 2030, it is likely to be 90% more than that of today. “The Indian Economy: A Review (January 2024)”, prepared by the Department of Economic Affairs, provides economic outlook of India by mentioning *“India can aspire to become a USD 7 trillion economy in the next six to seven years (by 2030). This will be a significant milestone in the journey to delivering a quality of life and standard of living that match and exceed the aspirations of the Indian people”*.

India's economic progress will very closely be related with employment creation. Particularly, the availability of large number of youth workforce. McKinsey estimates India creating 90 million jobs by 2030. We can not also ignore some negative aspect of employment destruction due to the advancement of Artificial Intelligence (AI) technologies. Particularly, this aspect is well covered in the above-mentioned Economic Review under “Challenge” area. However, economic history during past inflection points such as, invention of steam power, electricity etc. gives altogether different view. Prof. Erik Brynjolfsson and Andrew McAfee in their book *“The Second Machine Age: Work, Progress, and Prosperity in a Time of Brilliant Technologies”* have shown that when new technology becomes pervasive, it creates more jobs than it destroys.

Steady economic growth depends on many factors. Besides employment creation, another important factor is “energy”- the prime mover of modern production system and human activities. Scholars have found complex relationship between energy and economy, particularly the circular relationship. As economy expands, it needs more energy. In a sense, energy availability is causal variable that drives economy. At the same time, higher energy consumption also appears as “outcome variable” due to higher economic activities.

Ongoing energy transition from fossil fuel to clean energy adds another dimension that needs close attention. Particularly, the trade-off between energy security & economic growth versus energy transition is a multifaceted issue having various dimensions. Clean energy transitions and efforts to decarbonise energy are the prevailing trend reshaping global energy employment. Countries representing over 70% of global emissions today have committed to net zero emissions targets by mid-century, which will create millions of new clean energy jobs around the world.

Under this ambience, we have configured our present conference topic as “**INDIA@2030 : Energy, Economy, Employment**”. During this conference, we will have three Forums (panel discussions) covering three elements – Energy, Economy, Employment and their relationships. We plan to invite eminent panellists from academics, industry and policy making bodies to present their balanced views of opportunities and challenges. The recommendations from the Conference shall be sent to policymakers. We expect that this conference will give a right platform to exchange business ideas among the participants..



## About Jadavpur University Alumni Association, Mumbai Branch

Alumni Association, N.C.E Bengal & Jadavpur University (Mumbai Branch) was formed in 1956 and had grown over the years having in excess of 500 active members connected with various core and knowledge-based industries, professional organisations, Government agencies in & around Mumbai.

Today within the Indian industrial arena, our Alumni Association is a hallmark of integration & solidarity in the commercial capital of India. Professionally the organization maintains closer relationships with eminent academic institutions, industrial houses of national & international repute, holds regular workshops, conferences, technical debates and conducts technical paper contests, and imparts value based technical training programs.

Some of our past major international and national events are —

- 1996 Computer Networking
- 1997 Infrastructure India 2000
- 1998 Strategic Brand Management
- 2000 Developing e-business Strategy
- 2001 Management Development program (MDP) for young engineers
- 2001-02 Inspiring Solutions, a technical paper contest in the areas of General, Financial and Knowledge Management modules
- 2003 Indian Industries in the next decade
- 2006 Series of lectures and cultural events to commemorate golden jubilee celebration
- 2008 Indian industries, the next wave 2020 - A Reality or an Enigma
- 2010 Nuclear Power & Energy security of India
- 2012 Bringing spirituality to Corporate World to commemorate 150th birth anniversary of Swami Vivekananda
- 2015 India as a Global Manufacturing Hub by 2022 : Panacea to our aspiration
- 2017 India @2030: Sustainable Development Goals & Business Opportunities
- 2019 India @2030: Digital Revolution, Industry Disruption & Future of Jobs
- 2023 New India @ 2030: Tailoring for Sustainable Growth - Reform, Perform, Transform.

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### **Dibyendu Chakraborty**

Chairman, Conference Committee

Mobile: +91 91672 51434

E-mail : dibuchak@rediffmail.com

### **Rudranath Banerjee**

President, Alumni Association

Mobile: +91 9820139235

E-mail : rudranath\_banerjee@yahoo.com

For more details, please contact

### **Mr Ashok Adhikary**

**Mobile :** +91 9820190336

**Email :** jumumallumni@gmail.com

### **Amitava Mukhopadhyay**

Vice Chairman-Conference Committee

Mobile: 9833363019

E-mail : amukhopadhyay.2009@gmail.com

### **Shantanu Nandi**

Convenor, Seminar Committee

Mobile: +91 97020 64620

E-mail : ssknandi@gmail.com