

Newsletter

October 2023



Events | First All S&T Cluster Meet

The First All S&T Cluster Meet chaired by Prof. Ajay Kumar Sood, Principal Scientific Adviser to the Government of India was held on October 26th and 27th, 2023. The meeting was organized by the Jodhpur City Knowledge and Innovation Foundation and hosted by the IIT Jodhpur.

[Read more](#)

Events | JNCASR Academia-Industry Meet

The BeST Cluster participated in the academia-industry meet organized by JNCASR on 22nd September, 2023. The event, graced by the presence of Prof. V. Ramgopal Rao, a distinguished figure in academia and co-founder of two startups at IIT Mumbai. The agenda which included introductions to various industry participants and poster presentations was tailored to foster cooperation.



Collaborations | BeST - BigHaat

BigHaat is one of the largest Indian full-stack AgriTech platforms that is dedicated to revolutionizing the agricultural industry in India. During the recent meeting of the BeST cluster team with the BigHaat team (Mr. Ravi Tenny and Dr. Sreeparna from BeST, Mr. Sachin Nandwana, Mr. Kiran Singam, and Mr. Jitesh Shah from BigHaat), several key points including co-development opportunities were discussed. BigHaat presented problem statements related to demand forecasting, shipping methods optimization, and the shift from a supply-driven to a demand-driven market. Using AI-ML tools for risk analysis, especially for fintech applications, ways for BigHaat to channel solutions developed by the member institutions of the BeST Cluster were discussed.





Collaborations | BeST - IIIT Bangalore

The International Institute of Information Technology Bangalore is a partner institution in the BeST Cluster under the theme 'Mobility'. Prof. Srinath Srinivasa, Dean R&D, IIITB, has been very active in brainstorming on calling for a 'Vision group for mega-regional mobility around Bengaluru'.

[Read more](#)

Perspective | Vision of Brand Bengaluru as “Sustainable & Livable Bengaluru” – A Mobility Perspective

by Prof. Meghna Verma, RIM Bangalore & Prof. Ashish Verma, IISc Bangalore



Experts with Honorable Deputy Chief Minister D. K. Shivakumar at the Conclave.

Destination branding helps create a unique image in the minds of investors and tourists. It also contributes to strengthening the identity of its residents. Bengaluru has been known as the garden city and IT city for decades. However, due to the growing urbanization, Bengaluru faces numerous obstacles in maintaining a robust urban mobility

infrastructure and in recent times is more known as the world's second-most traffic congested city, after London. The Brand Bengaluru Campaign was initiated by the Government of Karnataka (GoK) to transform Bengaluru through citizen participation on eight themes namely Agile Mobility Bengaluru, Health, Education, Green, Clean, Vibrant Bengaluru, Sated Bengaluru, and Tech Bengaluru. Under the Agile Mobility theme, Indian Institute of Science (IISc) and Ramaiah Institute of Management (RIM) were nominated as academic partners to analyze around 10,000 feedback received from citizens; and conduct stakeholder and expert meetings to get opinions and suggestions about their idea of Brand Bengaluru. The stakeholder meeting participants included academicians, government officials, subject matter experts, transportation professionals, and citizen representatives. [Read more](#)



Start-up story | Ai Health Highway: Revolutionizing Healthcare through Innovation

This column brings you the latest insights into the world of healthcare innovation with a focus on Ai Health Highway. In this edition of our newsletter, we delve into the remarkable journey of Dr. (Maj) Satish S Jeevanavar, the founder of Ai Health Highway, talks about his innovation AiSteth.

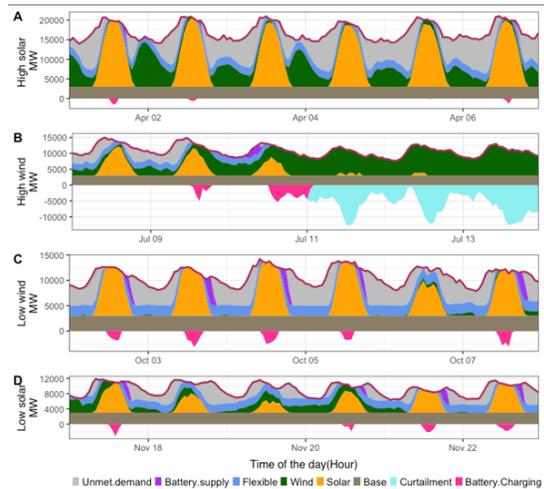
[Read more](#)

Research Communication | Wind-solar-storage combinations for a decarbonizing electricity system

by Anasuya Gangopadhyay, IISc Bangalore

Exploring cost-effective wind-solar-storage combinations to replace conventional fossil-fuelled power generation without compromising grid reliability becomes increasingly crucial in a steadily decarbonizing electricity system. The trade-offs between wind-solar-storage are different in India due to the high seasonality of wind generation. For a renewable energy-rich state in Southern India (Karnataka), the article assesses systematically the economics of various wind-solar-storage energy mixes for alternate future scenarios.

[Read more](#)



Announcements

BeST CLUSTER Office of the Principal Scientific Adviser to the Government of India

EXPRESSION OF INTEREST FOR CAPACITY BUILDING PROGRAMS

Bengaluru Science and Technology Cluster invites Expression of Interest from Competent Agencies/ Corporate/ Trusts/ Registered Societies and NGOs for funding CSR/Philanthropic activities in Capacity Building Projects related to the Three areas of

- GREEN ENERGY
- LIVELIHOOD OF WOMEN
- DIGITAL LITERACY

Mode of Submission: Write to office@bestkc.in

[Expression of interest for capacity building programs](#)

BeST CLUSTER Bengaluru Science & Technology Cluster an initiative of the Office of the Principal Scientific Adviser to the Government of India

Urban Mobility | Stakeholder Mapping

The Bengaluru Science and Technology (BeST) Cluster aims to bring together various stakeholders including academia, research institutions, startups, industries, think tanks, government bodies and funding partners under one umbrella to address mobility challenges.

Fill in the form to be a part of the theme "Urban Mobility".

<https://forms.office.com/r/cjPjEC7wvID>

- ✓ Collaboration opportunities
- ✓ Industry insights & connects
- ✓ Government insights & connects
- ✓ Funding opportunities
- ✓ Visibility & Networking

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Open call for interested stakeholders in Urban Mobility

The conceptualization of the BeST Cluster is an outcome of an initiative by the Government of Karnataka to foster a network of experts from a multi-disciplinary background to address the challenges of urban mobility. Through its inclusive leadership model, BeST has formed a network of experts from a multi-disciplinary background to address the challenges of urban mobility.

BeST's inclusive leadership model includes:

- Academic Research Institutions
- Industry
- Start-up/MSMEs
- Government & Policy Makers
- Academia & Policy Makers

[Open call for interested stakeholders in Urban Mobility](#)

Bengaluru Science and Technology (BeST) Cluster

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