



### Newsletter February 2024

### **Event** | Megaragional Mobility

The BeST Cluster facilitated a brainstorming session on February 14th, 2024, to call a "Vision Group for Megaregional Mobility around Bengaluru." The event, held at the International Institute of Information Technology Bangalore (IIITB), guided by mobility theme coordinators Prof. Abdul Rawoof Pinjari from IISc and Prof. Srinath Srinivasa from IIIT Bangalore, had an active participation from 20+ stakeholders from academia, industry, Non-profit and Government.



### Read more

### S&T intervention Robotic Scavengers

The BeST Cluster organized a demonstration of hydraulic and mechanical robotic systems for automated sewer cleaning in the Rajarajeswari Nagar ward for Bruhat Bengaluru Mahanagare Pallike (BBMP), who are in the planning phase of deploying technology solutions that help in automating sewer cleaning - manholes, septic tanks and underground drains.



#### **Read more**

### Meeting Bengaluru Traffic Police

The BeST Cluster, met with Shri. MN Anuchet IPS, Joint Commissioner of Police Traffic, Bangalore Traffic Police, and thanked him for his time and support for the Mobility Initiatives of the Cluster. The Joint Commissioner also delivered a keynote address in the brainstorming session on "Vision Group for Megaregional Mobility", and emphasized on the need for a comprehensive land transportation governance to encompass all existing agencies— covering everything from policy to execution. Read more



### Collaboration | ICAR - Indian Institute of Horticultural Research

The BeST Cluster, along with Mr. Ashok Kumar Meda, Founder, Innovative Technologies Services Trust, Director & Co-founder, Krishikalpa Foundation and met with Prof. Shankara Hebbar S, Principal Scientist, ICAR-IIHR Bengaluru and



discussed the potential avenues of multiinstitutional collaboration in Precision Agriculture. All the parties together charted out ways of last-mile delivery of precision agriculture technologies. **Read more** 



### Collaboration | Siddaganga TBI

Siddaganga Incubation Foundation - Siddaganga TBI Team, Mr. Jagan karthick and Mr. Puneeth S met with the BeST Cluster team to discussed on potential areas of collaboration in agritech theme. The teams are signing an MoU for scientific exchange and enabling the start-up ecosystem with mentorship and market access. Read more



## Meeting Bavarian-Indian Centre for Business and University Cooperation

The BeST Cluster had an exploratory meeting with Ms. Wiebke Dorfler, Managing Director and Ms. Olga Schloss, Manager University relations of the Bavarian-Indian Centre for Business and University Cooperation, and discussed potential areas of collaboration. BayIND coordinates and promotes university cooperation between Bavaria and India and is a service institution for SMEs. **Read more** 



### Startup Story | Kyntox Biotech

Kyntox Biotech is a growing startup with a mission to revolutionalizing the healthcare through passive immunotherapy. The founder Dr. Gopi Kadiyala says, "We believe that with our expertise on IgY antibody technology, we can definitely improve the quality of life and save many more lives from diseases caused by various microbials. Our unique approach and knowledge base enable the creation of immune health solutions that address a range of needs related to the health of humans and animals." **Read more** 

#### IgY based Therapeutics: For selective removal of Pathogens



Technology involves administration of designed antigen/part of targeted pathogen to chicken and allow the bird to develop specific immunity against the targeted. The antibody (igY) developed against the target will be purified from the egg yolk and evaluated for its capability to neutralize the targeted pathogen's activity in vitro/ in vivo before formulating into a product.

 Adaptable Targeting: IgY Technology has the ability to produce pathogen-specific neutralization capabilities against viruses, bacteria, fungi, endotoxins, and human secreted immune modulators.

# Announcement Compendium of Agritech Innovations / Startups

The BeST Custer is preparing a compendium of agritech innovations. We invite interested start-ups/innovators to showcase your technologies in the compendium that will be circulated across all the S & T Clusters of India supported by the office of the Principal Scientific Adviser to the GoI and published on the website and social media. Kindly provide details in the following google form: https://forms.gle/ZQpAwc3q6E1ZPTkk9

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