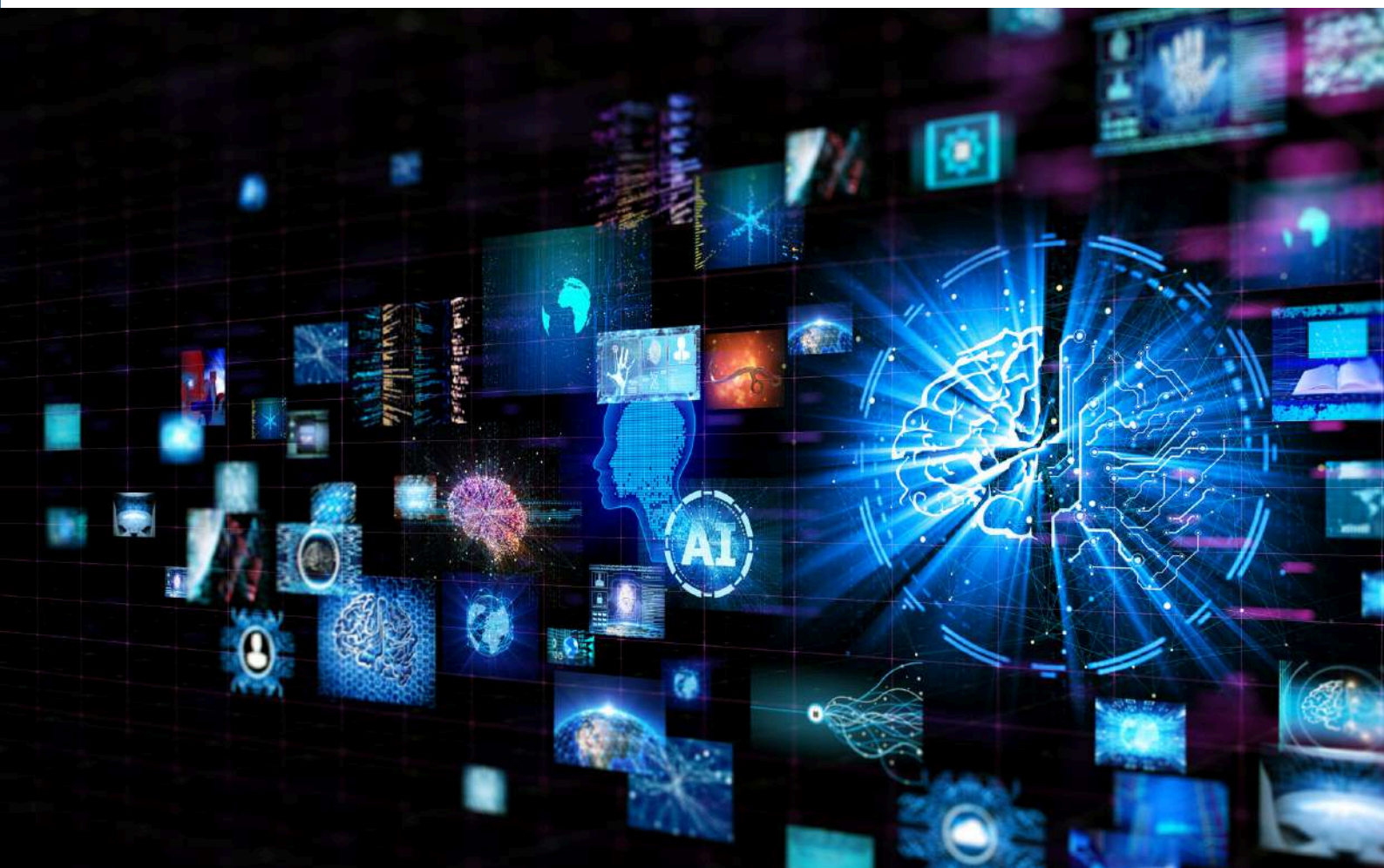


DATA PULSE



HIGHLIGHTS

- IHub-Data, IIIT Hyderabad showcased roadmap and startups at the 4th TIPS conference held at IIT Bombay
- Partnerships with Minus Zero, Muffakham Jah College for Engineering
- We hosted the Surveyor General of India

MESSAGE FROM DIRECTOR

PROF DEVA PRIYAKUMAR



Dear IHub-Data team,

I congratulate all of you on completion of another successful quarter. Our team shined at the 4th National Workshop on Technology Innovation in Cyber-Physical Systems (TIPS 4.0) at IIT Bombay. We have built strong partnership with industry and academia during these three months. We were delighted to host Surveyor General of India, Hitesh Kumar Makwana and Chairman, Geospatial Data Promotion & Development Committee, along with Dr Srikant Sastri. These events always boost the spirit of the team.

MESSAGE FROM CEO

DR JAY MOOKHERJE



The entire IHub-Data team put together great efforts this quarter. The highlight was TIPS 4.0 at IIT Bombay during 13-14 May. We showcased our roadmap and journey so far and also the start ups before Department of Science and Technology (DST) leadership. It was very valuable to meet colleagues from other Technology Innovation Hubs (TiH) and exchange thoughts and ideas.

As one IHub-Data team, we are committed to build on the wins and learnings from previous times and move forward to achieve our potential.

I welcome all our new team members to IHub-Data who started their journey with us during this quarter.

MESSAGE FROM CTO

DR VEERA GANESH YALLA



The Data Foundation team has made significant strides this quarter. We reviewed the architecture and developed key solutions to scale the platform. Additionally, we have expanded our dataset offerings to include comprehensive datasets for smart mobility and healthcare. This expansion brings our collection to a total of 33 datasets, enhancing their relevance and utility.

MESSAGE FROM COO

ASHUTOSH MISHRA



It gives me immense pleasure to share that 11 new members joined the IHub-Data team this quarter. This is a testimonial that we are growing strength to strength every month. I would like to thank our staff for amazing resilience and dedication throughout the last three months and always. We are focused on strengthening employee engagement in the coming months.

TIPS 4.0 WORKSHOP INAUGURATION BY DST SECRETARY PROF ABHAY KARANDIKAR



25 TIHs under National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS) sponsored by India DST came together for TIPS 4.0 hosted at IIT Bombay.

IHUB-DATA IIIT HYDERABAD AT TIPS 4.0



At TIPS 4.0 workshop, IHub-Data CEO Dr Jay Mookherje, CTO Dr Veera Ganesh Yalla, and Healthcare lead Prof Bapi Raju gave a presentation on our journey so far and roadmap for future.

IHUB-DATA STARTUP SHOWCASE AT TIPS 4.0



At TIPS 4.0, our startups Eranext and Padmaseetha put up stalls and participated in the presentation session to pitch before VCs.

MEETING KRIS GOPALAKRISHNAN, CHAIRMAN, GOVERNING BODY NM-ICPS



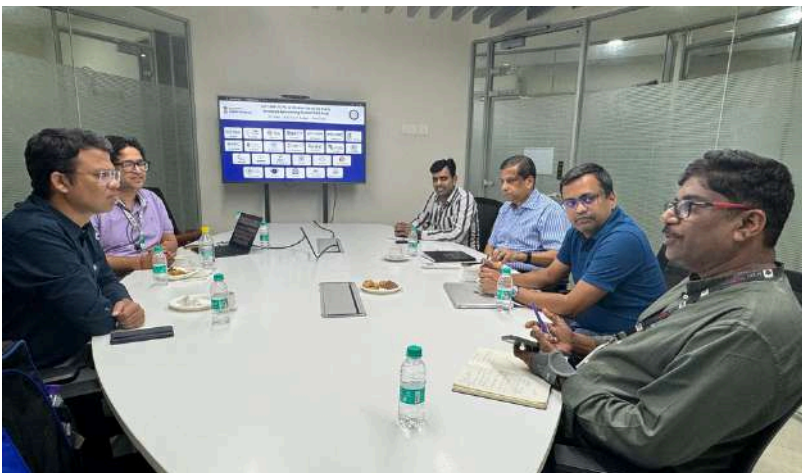
Our team had the privilege of meeting Kris Gopalakrishnan, Chairman, Governing Body NM-ICPS at TIPS 4.0 workshop at IIT Bombay. He shared his insights in the field of deep-tech innovation.

IHUB-DATA TEAM MET DST SECRETARY PROF ABHAY KARANDIKAR AND DR SHIV KUMAR SARIN



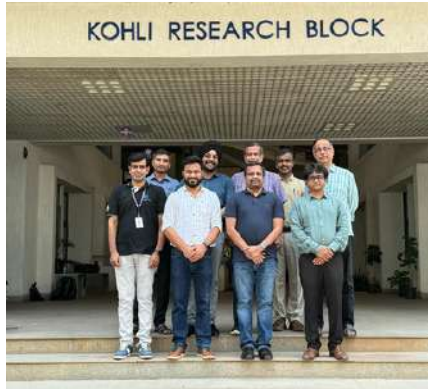
In May, IHub-Data CEO Jay Mookherje and IIIT Hyderabad healthcare research professors met with DST Secretary Prof Abhay Karandikar at his office. Our team also met Dr Shiv Kumar Sarin and his teams at NAMS & ILBS offices.

A VISIT FROM AWADH, IIT ROPAR



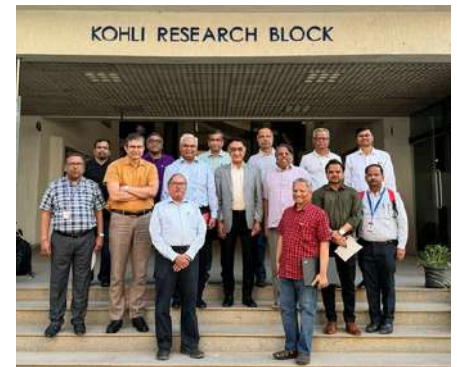
IHub-Data CEO Jay Mookherje, CTO Veera Ganesh Yalla along with other team members had a fruitful discussion with AWaDH, IIT Ropar CIO Mukesh Kestwal, and explored collaboration opportunities around startups.

MOU WITH MINUS ZERO



We entered into a partnership with Minus Zero, that is working on enabling autonomous driving technology in India. We are working together on understanding Indian driving patterns and sensibilities for AI innovation through datasets.

HOSTED SURVEYOR GENERAL OF INDIA



We hosted Surveyor General of India Hitesh Kumar Makwana and Chairman, Geospatial Data Promotion & Development Committee Dr Srikant Sastri & their team at IHub-Data, IIITH. We had a discussion about the growing significance of geospatial data in India.

ACADEMIC PROGRAMS COLLABORATION



We collaborated with Muffakham Jah College of Engineering and Technology to provide Minor degree certification in AI/ML to BTech students through our programs. IHub-Data CEO Jay Mookherje, Programs head Prof CK Raju and our other team members interacted with the team from the college.



We partnered with Shoolini University of Biotechnology and Management Sciences to provide UG Minor Program on Modern Machine Learning for engineering students.

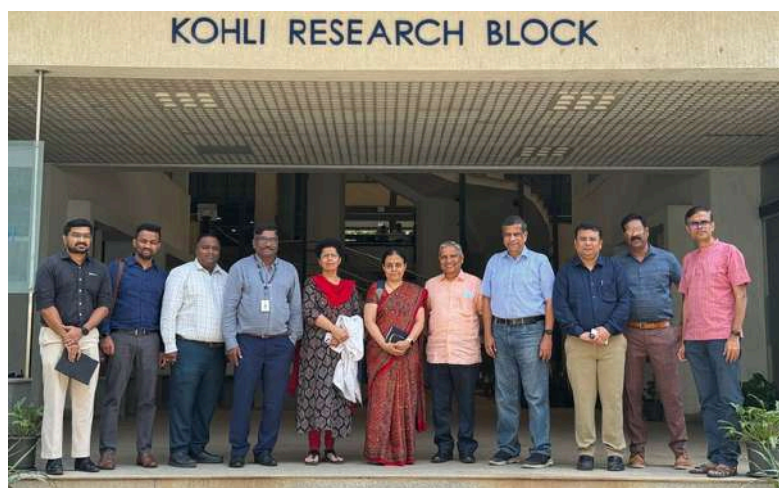
VISITS AND TALKS



IHub-Data CEO Dr Jay Mookherje and CTO Dr Veera Ganesh Yalla visited TiHAN, IIT Hyderabad. They had a great discussion with the former TiHAN Hub Executive Officer Dr Mannam Naga Praveen Babu and his team, about innovation and developments in the field of Autonomous Navigation.



Our team met with Dheeraj Gorukanti, CEO Yashoda Hospitals. We discussed innovative healthcare product development strategies and future advancements.



Delegates from Nizam's Institute of Medical Sciences, Hyderabad, including Dr Liza Rajasekhar, Dean, Senior Professor & Head, Department of Clinical Immunology and Rheumatology visited IHub-Data, IIITH to discuss various opportunities for potential collaborations.

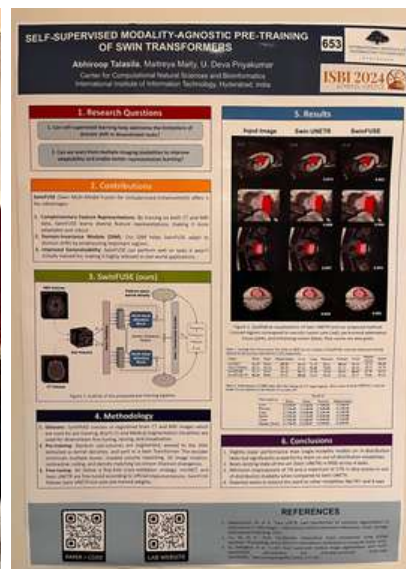
VISITS AND TALKS



Dr Shankar Gangisetty was the Guest of Honor at the 4th International Conference on Emerging Convergent Technologies and Biomedical Systems (ETBS 2024) by Sanjivani College of Engineering, Shirdi, MH, India. He gave a talk on "Towards Safe Driving in Unstructured Environments: AI Research, Proposal, Opportunities" at the conference.



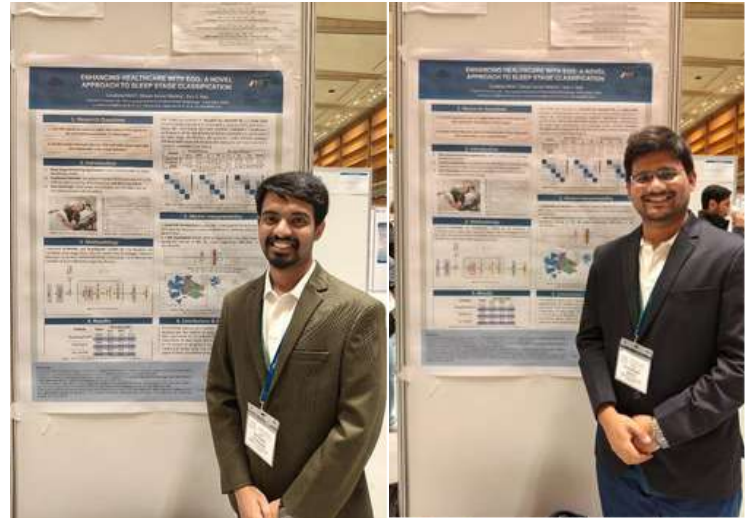
Mobility team members Chirag Parikh & Dr Ravi Mishra presented their paper "IDD-X: A Multi-View Dataset for Ego-relative Important Object Localization and Explanation in Dense and Unstructured Traffic" at IEEE-ICRA 2024 in May at Yokohama, Japan.



Abhiroop Talasila presented a paper "Self-Supervised Modality-Agnostic Pre-Training of Swin transformers" at ISBI 2024 held at Athens, Greece.



Shivam Kumar Sharma (left) & Suvadeep Maiti (right) from our Healthcare team presented a paper at IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2024) COEX Convention Centre, Gangnam, Seoul.

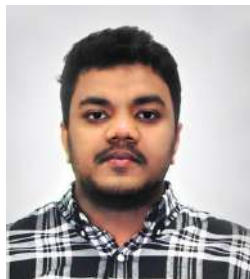


Shivam and Suvadeep also presented their thesis on sleep health and discussed collaborative ideas on behalf of BCCL, Cog Sci Lab at Biomedical Engineering Department, Dalian University of Technology (DUT), China.

WE WELCOME OUR NEW TEAM MEMBERS



Supriya Gurram
HR Recruiter



Abhishek Madepogu
Mobile App Developer



Abhilash Bhosle
Mobile Application Developer



Md Azhar
Project Coordinator



Himabindu Julapally
Project Manager



Vivek R
Backend Developer



Neeraj Asdev
Machine Learning Engineer



Aman Khandelwal
Backend Developer



Manasa Gorthy
Project Coordinator

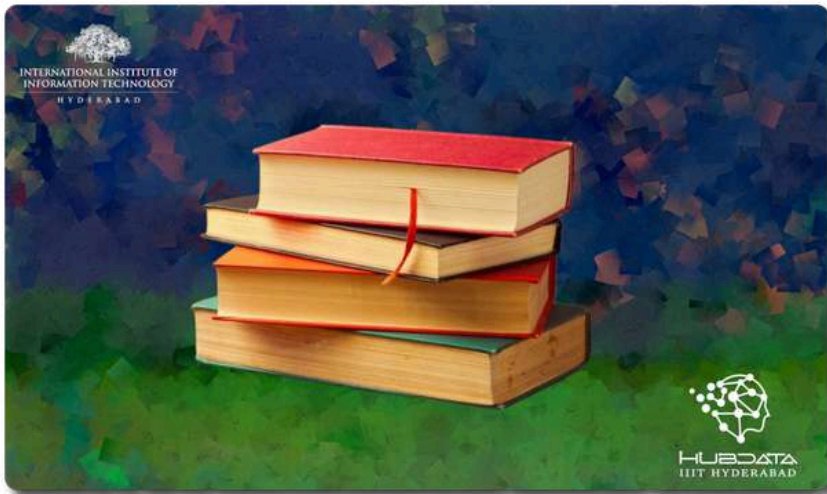


Kuladeep Akkarapaka
Machine Learning Engineer



Thanuja Krishnamoorthy
Innovation and Startups Manager

UPCOMING ACADEMIC PROGRAMS



Certificate Program on Machine Learning from IIT Hyderabad



Announcing the 5th edition of Foundations of Modern Machine Learning, an exclusive opportunity for students.

Scan the QR code

OR

Click on the link below to know more about our academic programs:

<https://ihub-data.ai/>



Our Vision

- To be a global leader in research outcomes that positively impact society through technologies translated into local industries and governmental agencies.
- To play a central role in the advancement and adoption of data-driven technologies through proactive strategies in data bank curation and service creation.
- To become the pre-eminent reference for datasets for AI researchers worldwide and develop solutions using these datasets to address population-scale challenges.

Our Mission

- To help coordinate and enhance national research and solution development efforts in Data (Banks, Services and Analytics) areas and take them to the highest global academic standards.
- Translation of technologies into viable products and promoting startups based on those technologies with applications towards the betterment of the society.
- To catalyse, nurture, and enable the growth of an ecosystem with researchers, technologists, practitioners and entrepreneurs in the area of data-driven solutions to the local problems.

The six major activities promoted by IHub-Data include:

- Technology Development
- Data Foundation
- Applied Research & Translation
- Human Resource & Skill Development
- Innovation, Entrepreneurship & Startup Ecosystem
- International Collaboration

Address

IIIT Hyderabad,
Professor CR Rao Rd,
Gachibowli, Hyderabad,
Telangana 500032



+91 6301177059



queries@ihub-data.iiit.ac.in



Scan this QR code or
visit our website to know more about us:
<https://ihub-data.iiit.ac.in/>

Editorial team for Data Pulse:

Namita Panda - Communications Manager
✉ namita.panda@ihub-data.iiit.ac.in

Padma Raju Vegesna - Digital Marketing Officer
✉ outreach.ihub@ihub-data.iiit.ac.in