

# EVENT HIGHLIGHTS 2019



**Indo Data Week**  
for Sustainable Development Goals

2-8 NOVEMBER 2019  
HYDERABAD, INDIA

[WWW.INDODATAWEEK.COM](http://WWW.INDODATAWEEK.COM)



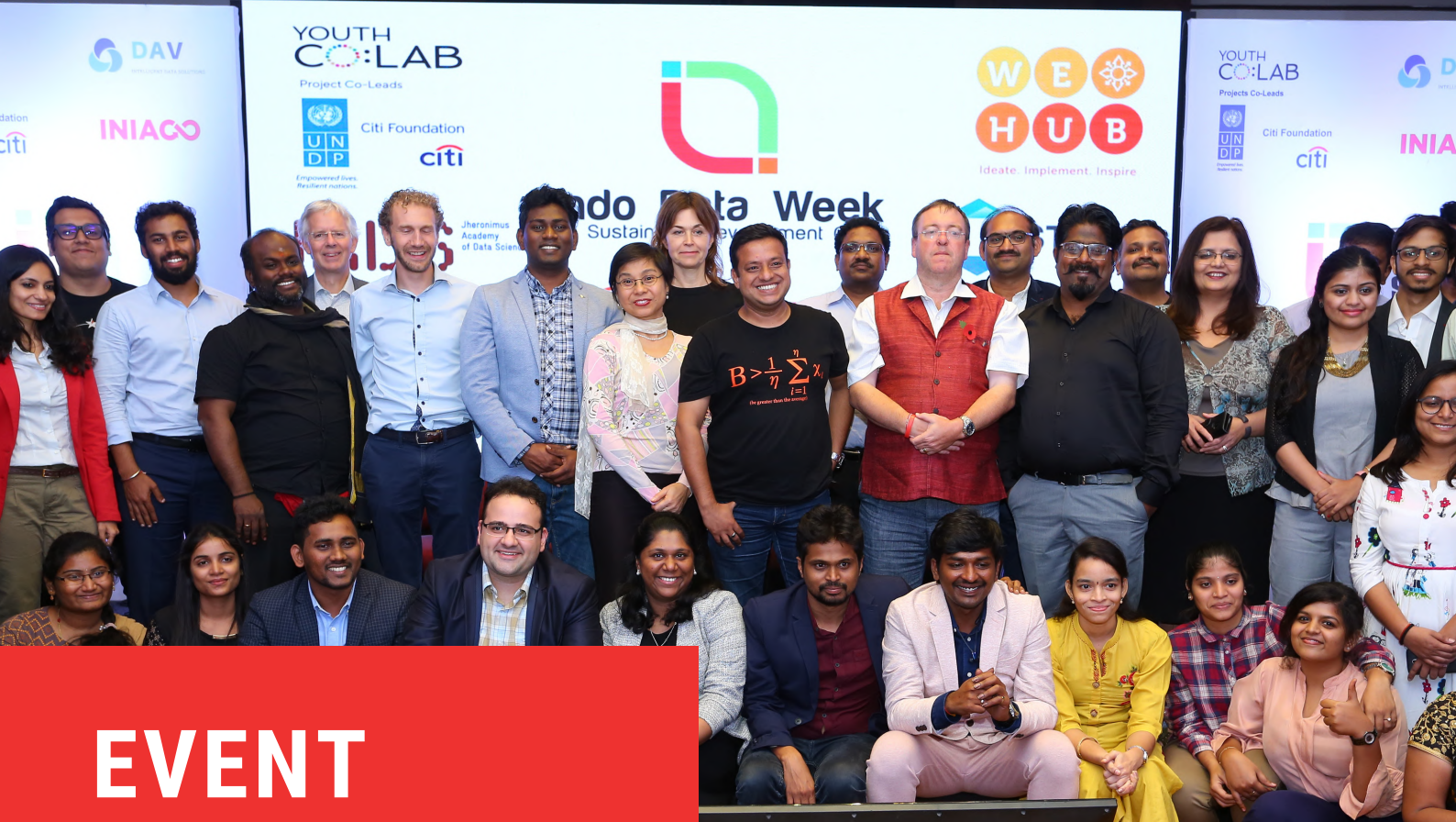
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CO:LAB



INIAGO





# EVENT OVERVIEW

Indo Data Week 2019 was seven days of knowledge sharing and networking event organised in Hyderabad India, around the theme Application of Data Science and AI for Sustainable Development Goals. It included 2 full days of bootcamps, a 2-day International Tech Conference on Applied Data Science for SDGs, and a 3-day hackathon called Youth4SDG Awards.

Co-organised by DAV Data Solutions, UNDP's Youth Co:Lab, and Indo Nordic Innovation Acceleration Clusters from November 2-8, 2019 at different venues in Hyderabad, the goal of Indo Data Week is to run a high impact, highly structured, comprehensive technology event in India for Sustainability.

The event brought together visionaries, practitioners, decision makers, and researchers in the domains of Data Science and Sustainability to explore synergies.

## Partnership with Youth Co:Lab

Youth Co:Lab is co-created in 2017 by UNDP Asia and the Pacific and Citi Foundation. In India, the implementation of Youth Co:Lab is guided by the importance of bringing the efforts to promote youth-led entrepreneurship and social innovation to the national level.

This collaboration with IDW especially for Youth4SDG is to provide a platform to equip the youth with the technical and strategic understanding of cutting edge technologies like Machine Learning and applications of these for social innovation and entrepreneurship.

# FROM THE SPEAKERS..



To have a week long event with such a structured and organised program is much appreciated!

**Mr. Jayesh Ranjan**

Principal Secretary of the Industries & Commerce (I&C) and Information Technology (IT)  
Department of the Telangana Government



These kinds of focused events give an opportunity and platform to discuss issues which get lost in broader conversations

**Vaibhav Rathi**

Technical Advisor-Climate Change  
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



I have presented this talk in many places but I have found this event to be the birthplace of a lot of creative ideas!

**Usha Rengaraju**

Principal Data Scientist  
Mysuru Consulting Group





# HANDS-ON BOOTCAMPS

## Day 1&2

Hands-on Bootcamp on topics relevant to Data Science & Social Entrepreneurship at T-Hub, and We Hub.



4 Sessions



7 Trainers



70 Participants

## Computer Vision and Natural Language Processing using Deep Learning



Partnership with MUST Research - a pan India group dedicated to promoting excellence

and competence in the field of data science, cognitive computing, artificial intelligence, machine learning, and advanced analytics for the benefit of the society.

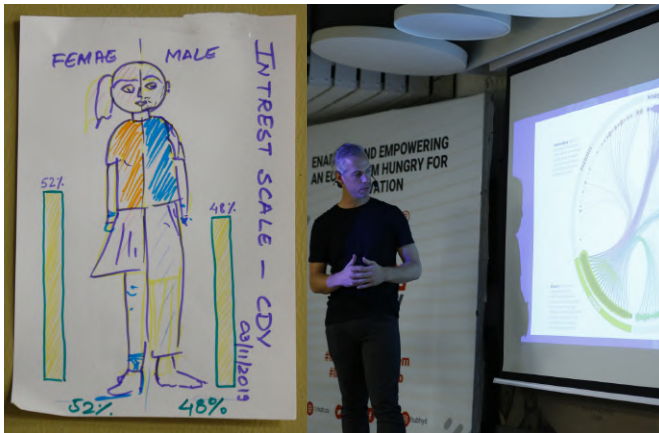
### TRAINERS

**Dr. Saptarsi Goswami**, Member, MUST Research & Software Engineer, D&T - Azure/Cloud Platform at West Pharmaceutical Services, Bengaluru

**Aditya Bhattacharya**, Member, MUST Research & Assistant Professor at the University of Calcutta



## Creative Data Visualization Design



By using pens and paper, the participants of this workshop sketched different visualisation designs to express their creative ideas using Data.

### TRAINER

**Jan Willem Tulp**

Tulp Interactive, Netherlands

## Deep Learning Model Deployment on IoT Devices



In this bootcamp, the participants including school4sdg students learned how a pre-selected & pre-trained deep learning model is customised and deployed on a Raspberry Pi device.

### TRAINER

**Gautam Anand**

CTO, TechChoix, Singapore

## Startup Masterclass



One day session for startups and student entrepreneurs by International Experts on Business Models, Financial Management, Innovation and Intrapreneurship.

### TRAINERS

**Anjali Virmani Paul**, Advisor and Angel Investor, Sweden

**Dr. Lerwen Liu**, Founding Director, STEAM Platform, Thailand

**Hari Dilip Kumar**, Program Manager, Public Affairs Centre, Bengaluru



# INTERNATIONAL CONFERENCE

## Day 3 & 4

International Data Science  
Technology Conference for  
Sustainable Development Goals 2030  
at Hyatt Hyderabad Gachibowli.

**HYATT**  
HYDERABAD  
GACHIBOWLI



13 Keynotes



6 Panel Discussions



35 Speakers



200 Participants

### Inauguration



- **Mr. Jayesh Ranjan** - Principal Secretary of the Industries & Commerce (I&C) and Information Technology (IT) Department of the Telangana Government
- **Ms. Gurpreet Bhatia** - State Project Head for Telangana, UNDP
- **Mr. Ronald Buijsse** - Academic Director - Executive Education Program, Jheronimus Academy of Data Science, Netherlands
- **Ms. Anjali Virmani Paul** - Advisor and Investor - Stockholm, Sweden
- **Ms. Deepthi Ravula** - CEO, WE Hub - Government of Telangana Initiative



## Keynote 1: Achieving SDGs globally through innovation and youth entrepreneurship



**Dr. Lerwen Liu**, Senior Advisor, King Mongkut's University of Technology Thonburi (KMUTT), Thailand

**4** QUALITY EDUCATION



**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



**12** RESPONSIBLE CONSUMPTION AND PRODUCTION



## Keynote 2: How to communicate insights in Data



**Jan Willem Tulp**, Data Experience Designer, Founder of TULP Interactive, Netherlands

**13** CLIMATE ACTION



**15** LIFE ON LAND



**16** PEACE, JUSTICE AND STRONG INSTITUTIONS



## Keynote 3: Applications of Artificial Intelligence Research for the society



**Joy Mustafi**, Researcher, Philanthropist and Thought Leader, MUST Research

**4** QUALITY EDUCATION



**8** DECENT WORK AND ECONOMIC GROWTH



## Keynote 4: Lifting up: Deep Learning to implement Anti-Poverty programs



**Usha Rengaraju**, Principal Data Scientist, Mysuru Consulting Group

**1** NO POVERTY



**2** ZERO HUNGER



## Keynote 5: The Triad of a Sustainable Future



**Indrajit Shaw**, Senior Principal Consultant at Genpact - Data Science, Ethics and Sustainability



## Keynote 6: Data Entrepreneurship for SDGs 2030



**Ronald Buijsse**, Academic Director - Data Expert Program for Professionals, Jheronymus Academy of Data Science, The Netherlands

**2** ZERO HUNGER



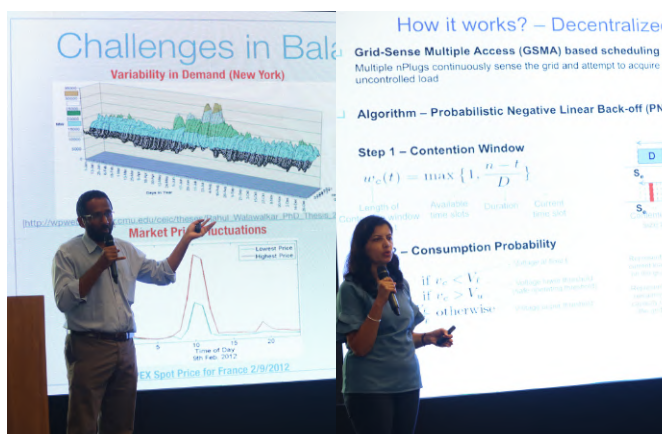
**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



**11** SUSTAINABLE CITIES AND COMMUNITIES



## Keynote 7: Data Driven Energy Systems



**Deva P Seetharam & Tanuja Ganu**, Founders of DataGlen

**7** AFFORDABLE AND CLEAN ENERGY



## Keynote 8: Ayushman Bharat Yojana



**Varun Jhaveri**, Officer on Special Duty to CEO, Ayushman Bharat (GoI)

**3** GOOD HEALTH AND WELL-BEING



**10** REDUCED INEQUALITIES





## Keynote 9: Data and Analytics for Gender Equality



**Sahithi Divi**, Co-Founder  
Impact Scientist



## Keynote 10: Data Science and Social Entrepreneurship



**Hari Dilip Kumar**, Programme Manager,  
Public Affairs Centre, Bengaluru

**8 DECENT WORK AND  
ECONOMIC GROWTH**



**9 INDUSTRY, INNOVATION  
AND INFRASTRUCTURE**



## Keynote 11: Success parameters for good innovators



**Anjali V Paul**, Advisor and Angel Investor  
from Sweden

**9 INDUSTRY, INNOVATION  
AND INFRASTRUCTURE**



## Keynote 12: Investing for SDGs in the Nordics



**Anna Ljungberg**, Investor and Board  
Member, Propel Capital

**9 INDUSTRY, INNOVATION  
AND INFRASTRUCTURE**



## Keynote 13: Ecosystem in Telangana supporting Innovation & Entrepreneurship



**Shanta Thoutam**, Vice President - Corporate Innovation & BD at T-Hub Hyderabad

## Panel 1: Application of Data Science and AI for SDGs 2030 in Indian and Global context



Moderator: **Anjali Virmani Paul**  
Panelists: **Gurpreet Bhatia, Ronald Buijsse**

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



**17** PARTNERSHIPS FOR THE GOALS



## Panel 2: Blockchain - a technological enabler for accelerating sustainable development adoption?



Moderator: **Joeri van Geelan**  
Panelists: **Gautam Anand, Punit Agarwal, Venkatesh Krishnamurthy, Aman Sanduja**

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



**10** REDUCED INEQUALITIES



## Panel 3: Data and Analytics for Urban Waste Management Policy in India



Moderator: **Neharika Mahajan**  
Panelists: **Vaibhav Rathi, Wilma Rodrigues, Gautam Mehra**

**11** SUSTAINABLE CITIES AND COMMUNITIES



**12** RESPONSIBLE CONSUMPTION AND PRODUCTION





## Panel 4: Data and Analytics for Resilient Agriculture in India



Moderator: **Pramod Kakkerla**

Panelists: **Bindhu Andreuzza, Dr. Santhosh Mithra, Dr. NDRK Sarma**

**1 NO POVERTY**



**13 CLIMATE ACTION**



**15 LIFE ON LAND**



## Panel 5: Using data to enhance the accessibility to affordable and quality healthcare systems



Panelists: **Mahdi Fayazbaksh, Dr. Dhruv Joshi**

**3 GOOD HEALTH AND WELL-BEING**



**10 REDUCED INEQUALITIES**



## Panel 6: Using data for changing consumption behavior



Moderator: **Dr. Lerwen Liu**

Panelists: **Raja Gayam, Akshay Gunteti, Aditya Barrela**



## Closing Remarks



Representatives from the delegates and speakers shared their experience about the conference and the way forward.







# STARTUP4SDG AWARDS

Teams competed for the Startup4SDG 2019 and Swe-Indo Startup4SDG awards by presenting a 15 minute pitch on “How do YOU use data to accelerate the achievement of Sustainable Development Goals?” Top 3 startups receive mentorship, technical training and access to investor networks in Europe in 2020.

**Jury members:** Amit Antony Alex (Upaya Social Ventures), Anjali Virmani Paul, and Anna Ljungbergh (Investors from Sweden)

**Awards presented by:** Dr Andrew Fleming, British Deputy High Commissioner and Shanta Thoutam, Ph.D., Vice President - Corporate Innovation & BD at T-Hub

## Winner: Acculi Labs



**Acculi Labs,**  
represented by

HariPrasath MeenakshiSundaram, Co-Founder & Chief Business Officer, shared with us how they use data and analytics to bring complex pathology tests to the pocket of clinicians and patients.

We extend our best wishes to their flagship product Lyfas developed under the leadership of CEO Rupam Das.



### **Finalist: SUP Sustainable Upgrade Program**



SUP is a holistic program which strives to make environmental awareness and action an intrinsic part of life and culture of a school, including students, teachers, administrative staff, non- teaching staff, parents, and the local community.

### **Finalist: Devic Earth**



Devic Earth is a green technology company which provides lab and field tested solutions for environmental pollution remediation .

### **Finalist: Younify**



Younify is a student social networking platform where the aim is to bridge the existing gap amongst the student community through a secured 7 layer interactive platform.

### **Finalist: Zubi.io**



Zubi.io is India's largest student driven community for emerging technologies



Nagasricharan Brahmandam, Viswanath  
Chilakala, Nishan Ali, Vipin Kumar Saini

Sahyadri College of Engineering & Management, Mangalore



## Finalists



**RAP (Road Accident Prevention System)**  
Audisankara Group of Institutions

## Workshop Photos



An enthusiastic panel of experts and mentors guiding the participants.



**Data Science for Good Health**  
KL University, Vijayawada



Participants learnt about problem visualisation and solving data-based challenges.



**Data-informed Smart App for diagnosing ADHD**  
Audisankara Group of Institutions



The Youth4SDG pitch competition was supported by an inquisitive and informed panel of judges.





# SCHOOLS4SDG AWARDS

School students from rural areas of Andhra Pradesh and Telangana submitted posters with the theme "The Perfect Sustainable Future". Students from the winning school, **Elizabeth Barrie High School**, were invited to attend selected workshops (Basics of Applied Data Science & Presentation skills) and also present their vision for a sustainable future to the delegates of the International Data Science Conference.

The DAV Data Solutions Team will also be hosting a one day interactive session on Data and Analytics at the school in 2020.



*Students **Vara Prasad** and **Maha Raja** at Indo Data Week with their teacher*



# STAY UPDATED



Highlights from Indo Data Week 2019



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## Core Team



Ashok Kumar  
Estamsetty  
Head of Operations  
DAV Data Solutions



Mahdi Fayazbakhsh  
Data Scientist &  
Chief Mentor  
DAV Data Solutions



Parvathy Krishnan  
Data Scientist  
Partner  
DAV Data Solutions



Pramod Kakkerla  
International Relations  
INIAC



Sriram Maddi  
Executive  
Director,  
INIAC



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# Indo Data Week

for Sustainable Development Goals



**INIAGO**

YOUTH  
CO:LAB

Project Co-Leads



Citi Foundation



*Empowered lives.  
Resilient nations.*

