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Innovators Connect Tandem 2023

PARTICIPANT PROFILES 20 Nov - 30 Nov 2023 India



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Innovators Connect: Tandem 2023 20.11.-30.11.2023 Bengaluru, Bhubaneshwar and Kanpur (India)

Innovator's Connect- Tandem is a flagship immersion program of DWIH New Delhi for young researchers interested in start-up founding and early-stage start-up founders from India and Germany. They are incubated or researching at an incubator or start-up center of a university or research institution in either of the country.

During this year's programme, 26 participants are hosted at research incubators in India, that work on developing innovative solutions to problems of global relevance. They get customized mentoring and hands-on exposure to start-up and innovation ecosystems of India and Germany including workshops, information sessions, advisory, networking, intercultural experiences to enable research cooperation and joint development of technologies.

The programme is co-curated in close network of research incubators from India and Germany, further aiming to establish a cooperation between the incubators as well. In 2023, these partner incubators are Startup Incubation and Innovation Centre at Indian Institute of Technology - Kanpur (SIIC-IITK), Technology Business Incubator at Kalinga Institute of Industrial Technology (TBI-KIIT) Bhubaneswar and Centre for Cellular and Molecular Platforms (C-CAMP), Bangalore. The programme elements are:

a) Teamwork: a team of participants from Germany and India work together on a problem statement. The team members may come from similar or different fields in research and bring in different perspectives/skills for the problem.

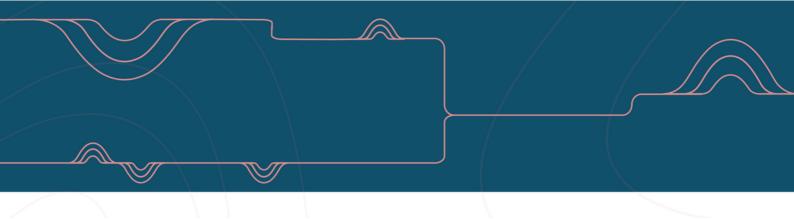
b) Mentoring: all the teams receive continuous customized mentoring for their ideas from start-up advisors, industry mentors and in- house mentors at the host incubators as well as incubators from Germany.

c) Information Sessions: participants get an overview on the start-up ecosystems of India and Germany as well insights into the basics and advances of start-up founding. In addition, participants are informed of government initiatives, and funding mechanisms for international start-ups.

d) Pitch Session: all teams present the ideas to a jury of start-up founders, industry experts, researchers and investors. Winning team(s) will go to Germany to participate in a start-up workshop and receive further support from the participating incubators to bring their ideas to market.

e) Networking: participants get access to international networks of start-up founders, advisors and investors through onsite and online sessions.

The programme takes place simultaneously in Bangalore, Bhubaneswar and Kanpur and concludes with joint workshops and pitch session for all participants in Bangalore.



Participants hosted at Startup Incubation and Innovation Centre - Indian Institute of Technology Kanpur (SIIC-IITK)





STARTUP INCUBATION AND INNOVATION CENTRE IIT KANPUR



Shivam Trivedi PHD Research Scholar -Indian Institute of Technology (IIT), Kanpur

Shivam is a PHD Research Scholar in the Material Science Programme department at IIT Kanpur. He holds a B.Tech in Electronics and Communication and an M.Tech from V.J.T.I Mumbai. He has filed five Indian patents. Shivam has experience in Infosys and leads a team as a part of a collaborative project of MEITY and IIT Kanpur and an industry partner focused on medical electronic devices for cancer cell screening.

in /in/shivam-trivedi-52a45358

Shreya Nair SIB SHINE Biodesign Fellow- Indian Institute of Technology (IIT), Kanpur

Shreya is a fellow in the School of International Biodesign (SIB)-Synergising Healthcare Innovation and Entrepreneurship (SHInE) with multiple years of learning experience in Microbiology and Nanotechnology. She is keen on research in diagnostics and therapeutics, particularly involving nanotechnology and microbial interactions.



in <u>/in/shreya-m-nair</u>



Saket Satyanarayan Totala <u>Master's Student - RWTH Aachen University</u>

Saket is pursuing a Master's in Textile Engineering at RWTH Aachen University, with a vision to revolutionize the textile industry through sustainable practices. His exposure to textiles in Ichalkaranji, and technical education during his under graduation, shaped his passion. He has been involved in various textile recycling and sustainability research projects.



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Adersh M PhD Scholar - Indian Institute of Technology (IIT), Kanpur

Adersh is a mechanical engineer turned academic, currently pursuing a PhD in Robotics and Automation. His research focuses on developing a machine-learning model to control a 14DoF rover on rough terrain for extraterrestrial applications. In his future academic or industrial he aims to apply machine learning techniques to enhance robotics control.

in /in/adersh-m-31261a105

Poojitha Reddy Nellipudi Master's Student - RWTH Aachen University

Poojitha is pursuing a Master's degree in Robotics at RWTH Aachen University. She is passionate about exploring robotics to revolutionize the agriculture industry. Her goal is to establish a robotics startup dedicated to developing advanced agricultural and industrial robots to improve the lives of people.





/in/poojitha-reddy-nellipudi





Shreyansh Tatiya Founder - Joey Envirotech Pvt. Ltd.

Shreyansh holds academic qualifications in Biotechnology (B.Tech), Environmental Sciences (M.E), and is currently pursuing a PhD in Industrial and Product Design. His extensive experience includes mentorship and judging at Smart India Hackathon-2019 and winning Toyacathon 2021. He has represented IIT Kanpur for Japan- Asia Youth exchange program (Feb2019) and has also received the prestigious Indo-German Namaste+ research grant in fall of 2022.

in /in/shreyansh-tatiya-91496a51

Dennis Frank <u>Co - Founder (Product & Technology) - TraceWaters</u>

Dennis' experience as a banker honed his interpersonal skills. He later pursued a bachelor's in industrial engineering with a focus on bio and environmental technology. His active involvement in volunteer work led to projects like organizing the HOKO Hochschulkontaktmesse. Now, during his master's, Dennis aims to implement impactful ideas and is actively participating in Ideathons and similar programs.





<u>in/dennis-frank</u>





in /in/daweko

David König Master's Student - Karlsruher Institut für Technologie

David holds a Bachelor of Science in Economics and is pursuing a Master of Science (M.Sc.) in Information Systems (Business Informatics) with expertise in digital services, business transformations, AI, and entrepreneurship. His background includes strong involvement in the startup ecosystem, including roles relating to team leadership and project management at PionierGarage (Student Initiative for Entrepreneurship), KPMG, and EY. He was responsible for organizing Germany's largest student founding contest, GROW and currently serves on it's advisory board.

Shivanand Sankpal Master's Student - Indian Institute of Technology (IIT), Kanpur

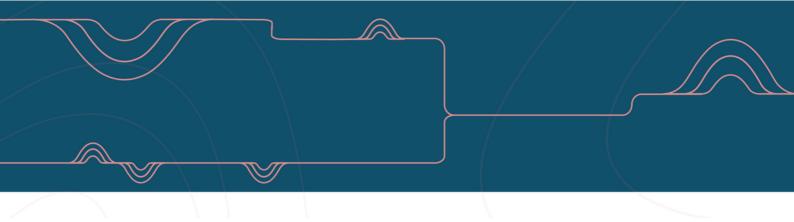
Shivanand is currently pursuing an MTech in Aerospace Engineering at IIT Kanpur and is working on hybrid VTOL UAVs. In his undergraduate years, he delved into UAV research, publishing a conference paper on innovative supply solutions at Siachen Forward Base Camps. He trained in UAV and Drone Design and Development, and also designed and fabricated UAVs for various competitions. He aims to revolutionize the logistics market, enhancing range and endurance capabilities beyond conventional drones.





/in/shivanandsankpal-1313





Participants hosted at Kalinga Institute of Industrial Technology -Technology Business Incubator (KIIT-TBI), Bhubaneshwar



Henrike von Hülsen

Master's Student - Karlsruher Institut für Technologie

Henrike is a Computer Science and Machine Learning enthusiast with a with a keen interest in leveraging the power of digitalization and Artificial Intelligence to drive advancements in people's lives. She has a double bachelor's in mathematics and computer science. Currently she is pursuing a master's degree in computer science, with a focus on practical applications of Machine Learning, Robotics and Computer Vision. Her experience with the Femtec Career Building Program, enhanced her teamwork and leadership skills.



in <u>/in/henrike-von-h</u>



in /in/kishorecurious

Kishore Ramesh Kumar Master's Student - Friedrich Schiller University Jena

Kishore is a Molecular Lifesciences student and Biotech entrepreneur. He holds an undergraduate Engineering degree in Biotechnology. He is leading the Eco track of Nucleate Germany's Activator program and serves as a Brand Ambassador for Innoplexus Ontosight. His goal is to establish a startup dedicated to improving gut microbiome health, aiming to make a significant impact on the biotech industry and human health. He is building Propeutix, a digital health startup focused on gut health management.

Itishree Jali <u>Co-founder, Director - Babycue Private Limited</u>

Itishree , an experienced biotechnology research professional, director, and co-founder, specializes in diagnostic kit development, LFA assay, and point-of-care development. Her expertise extends to bioinformatics applications for disease prediction and embryo development in animal models. Itishree is dedicated to learning emerging technologies to drive her organization's future success.





Romi Kumari Founder - Romisure Nature's Pvt. Ltd.

Romi is a startup founder and an enthusiastic biotechnocrate. She is also a Department of Biotechnology Biotechnology Industry Research Assistance Council (BIRAC) Social Innovation Immersion Program (SIIP) fellow. She is currently developing a cosmetic formulation utilizing antiseptic properties of Mustard Oilcake which is an industry waste.





in <u>in/ralf-st</u>

Ralf Stueber Founder, CEO - Amino Horse

Ralf is a startup manager at KIT-Gründerschmiede and an entrepreneur with a background in chemistry, and a specialization in technical and polymer chemistry. His entrepreneurial spirit drives his involvement with companies like Amino Horse and he supports startups in business development, organised events and facilitated networking opportunities.

👝 Team 6



Koushik Bose Director - Azeedo Private Limited

Koushik holds a B.Tech in Biotechnology and an MBA in Innovation, Entrepreneurship, and Venture Development. He has won prestigious fellowships, including the NIDHI-Entrepreneur in Residence fellowship from the Government of India and the Indian Agritech Innovation Network fellowship from the Bill and Melinda Gates Foundation. His startup aims to revolutionize agriculture by establishing a holistic plant clinic that caters to the diverse needs of farmers and gardeners.

Gina Fischer Master's Student - Karlsruher Institut für Technologie

Gina's academic foundation lies in environmental civil engineering. She is currently pursuing a master's degree in Mobility and Infrastructure at the KIT. This transition allows her to explore strategic and economic dimensions of transportation and align with her passion for sustainable and innovative mobility.



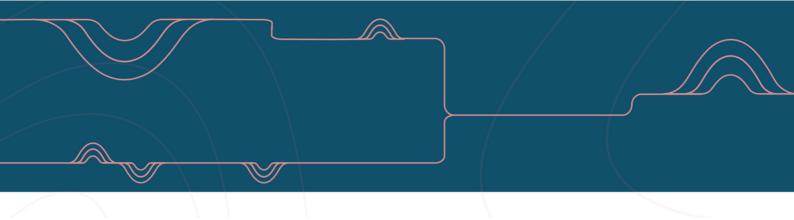
in <u>in/abraham-sunny</u>

Sunny Abraham

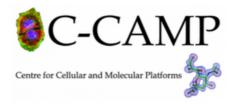
Master's Student - Karlsruher Institut für Technologie

Sunny is pursuing a Master's degree in Electrical Engineering and Information Technology at the Karlsruhe Institute of Technology (KIT). He has five years of professional experience, in industrial automation and the IoT, and successfully led projects optimizing production processes and achieving cost and time savings. During his master's degree, he engaged in machine learning algorithms to analyze datasets and extract insights, and contributed as a student assistant in Innovation and Entrepreneurship at KIT and Zeiss.





Participants hosted at Centre for Cellular and Molecular Platforms (C-CAMP), Bangalore





Jonas Hoefflin <u>Co-Founder - Byrd GbR, Bötzingen</u>

Jonas is a full-stack web developer with a background in technology and an interest in entrepreneurship. He specializes in B2B sensor technology and in creating SaaS solutions for data visualization while actively engaging in sports. His startup focuses on process of digitalization for SMEs. He is currently pursuing Master's in Technology-Entrepreneurship at Hochschule Karlsruhe -University of Applied Sciences (HKA).

in <u>in/jonas-hoefflin-267285182</u>

Pradeep Verma <u>CEO, Co-Founder - Iota Design & Innovations Lab Pvt Ltd</u>

Pradeep holds a B.Tech in Mechanical Engineering. He has worked in in product development and automobile tool design. His startup's vision is to design and develop innovative products in the sectors of healthcare, pharmaceuticals, environment and renewable energy for a sustainable future.





/in/pradeepkumarverma





Komali Valishetti PhD Scholar - Technische Universität Braunschweig

Komali, a skilled researcher with a background in Molecular Neurosciences, is currently pursuing her PhD, focusing on new molecular approaches for single neuronal analysis. She communicates her research insights at scientific conferences and through empirical research papers, demonstrating innovative thinking and leadership. Komali also serves as a mentor to undergraduate students.

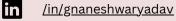
<u>/in/komali-valishetti-2bb8b485</u>

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Dr Gnaneshwar Yadav Director - TranslaTale Biosystems Private limited

Gnaneshwar, the CEO and Director of TranslaTale Biosystems private limited, has a strong academic background with a PhD from the University of Miyazaki, Japan, and postdoctoral experience at NCBS-TIFR, India. His vision is to target diseases through ribosomes and mRNA translation processes in protein synthesis.







Dr Priti Khalkho Founder & CEO - Capsber Global Agro Private Limited

Priti, the Founder & CEO of Capsber Global Agro Private Limited is a domain expert in biologicals in agriculture with a decade of experience at ICAR-Indian Institute of Horticultural Research , Bangalore. She has received many national recognitions and is currently involved in projects for Biotechnology Industry Research Assistance Council (BIRAC)- Agri Gland challenge-2022, Catalytic fund Aghub and the Karnataka Startup Advancement Program BIO50

