

List of Participants for Startup Exchange Workshop | TU Dresden – IITM Research Park – 12-14 August 2024

S. No.	Startup/Company/Organization	Overview about the Organization/Company	Website
1. 2.	Indian Institute of Technology Madras (IIT Madras)	A premier engineering and technology institute, founded in 1959 and ranked No. 1 in India, IIT Madras is renowned for its pioneering research in engineering, robotics, nanotechnology, AI, and clean energy, among many other fields. It also hosts numerous cutting-edge research centers and labs.	https://www.iitm.ac.in https://www.ee.iitm.ac.in/~ashok/index.html https://ed.iitm.ac.in/~balkris/
3. 4. 5. 6. 7. 8. 9.	IITM Research Park	IITM Research Park is one of the oldest and premier innovation hubs in India, fostering collaboration between IIT Madras, entrepreneurs, and industry. It has incubated over 350 start-ups working on a wide range of technologies, including IoT, DeepTech, AI, machine learning, and biotechnology, all supported by state-of-the-art infrastructure. The hub's estimated revenue is worth \$6 billion, including a start-up unicorn born out of its incubation.	https://respark.iitm.ac.in
10.	Google	A global technology leader specializing in Internet-related services and products, including Google Search, Google Maps, and Android, with significant advancements in AI through its subsidiary, DeepMind. As part of this consortium, the main focus will be on Assistive Technologies.	https://www.google.com
11.	Microsoft Research	The research arm of Microsoft, advancing computer science and technology with a focus on AI, machine learning, natural user interfaces, and quantum computing. As part of this consortium, the main focus will be on Assistive Technologies.	https://www.microsoft.com/en-us/research/ https://www.microsoft.com/en-us/research/people/swmanohmicrosoft-com/

12.	Neomotion	A startup creating innovative mobility solutions, known for its custom-built wheelchairs and the NeoBolt, a motor-powered attachment that converts manual wheelchairs into roadworthy vehicles.	https://neomotion.in
13.	Avaz, Inventions Lab	A company focused on communication devices for individuals with speech and language disabilities, with its flagship product, the Avaz AAC app, facilitating non-verbal communication through a picture-based interface.	https://www.avazapp.com
14.	Dextroware	Designers of assistive technologies and wearable devices, including the Dextroware Glove, which enhances grip and dexterity for individuals with motor impairments using sensors and actuators.	https://dextrowaredevices.com
15. 16.	Panoculon	Specializes in advanced optical and imaging solutions for medical diagnostics, surveillance, and industrial automation, emphasizing high resolution and accuracy.	https://www.panoculonlabs.com/
17.	Shabd	A startup creating technology solutions to improve accessibility and communication for people with disabilities, integrating advanced speech recognition and AI.	https://shabd.in
18. 19.	Able Company	Develops assistive technologies and smart devices aimed at improving accessibility and quality of life for individuals with disabilities.	https://10x.respark.iitm.ac.in/assistive-technology/ https://theablecompany.co/
20.	R2D2 Lab, Thryv Mobility	A research lab at IIT Madras focused on developing innovative assistive technologies like the Standing Wheelchair, which allows users to transition between sitting and standing positions.	https://r2d2.iitm.ac.in

21.	SRIHER, SRESHT	A leading medical and research institution in India known for integrating advanced technology in diagnostics, treatment, and medical training.	https://sresht.godaddysites.com/ https://www.sriramachandra.edu.in
22.	3Dcian	Specializes in 3D printing for medical, industrial, and consumer applications, creating customized, precise, and durable products including prosthetics and anatomical models.	https://3dcian.com
23.	ArtiLab Foundation	Supports the development and dissemination of innovative assistive technologies like smart prosthetics and adaptive devices, integrating IoT and AI.	https://artilab.org
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26.	Rela Hospitals	A multi-specialty hospital known for its expertise in complex surgeries and comprehensive healthcare, equipped with robotic surgery systems and advanced imaging modalities.	https://www.relainstitute.com
27.	Chetana Trust	Provides education and support for children with developmental disabilities, using assistive technology in educational programs to maximize each child's potential.	https://chetana.org.in/
28.	Limbex Orthopedics	Provides high-performance prosthetic limbs and orthotic devices, leveraging advanced materials and biomechanics to improve patient mobility and comfort.	https://htic.iitm.ac.in/mti/project/limbex-orthopaedic-and-prosthetic-solutions-pvt-ltd/
29.	dVerse Technologies Pvt Ltd	A technology company developing innovative IoT, AI, and machine learning solutions for smart home devices, healthcare applications, and industrial automation systems.	https://www.dverselabs.com/
30.	IIT Madras, Enability Foundation	Associated with IIT Madras, dedicated to creating affordable, user-friendly assistive devices like hearing aids and mobility aids, integrating local resources and technology to ensure accessibility.	https://enability.in