



## Japanese Research Institute, AIST, and Indian Public Technical and Research University, IIT Hyderabad renews their Bilateral Memorandum of Understanding

*Joint projects will be related to topics such as machine learning, deep learning, data mining, and other AI themes*

**Tokyo, Japan & Hyderabad, India 23 December 2021:** Japan's National Institute of Advanced Industrial Science and Technology (AIST) and India's Indian Institute of Technology Hyderabad (IITH) renews a bilateral Memorandum of Understanding to extend and strengthen the relationship and the collaborative activities between the two organizations.

AIST's Artificial Intelligence Research Center (AIRC) and IITH established a working relationship in the field of Artificial Intelligence through a Memorandum of Understanding that was signed on October 29, 2018. Over the past three years, the cooperation led to many collaborative research projects and AIRC hosted many student interns. IITH students worked on joint projects related to topics such as machine learning, deep learning, data mining, and other AI themes. The newly extended MOU covers joint scientific and technological cooperation in areas including but not limited to machine learning and probabilistic reasoning techniques for various data types and combinations of them. Activities include organizing seminars, symposiums, or other types of discussions; co-guidance for IITH intern students participating in joint activities; scientist, staff, and researcher exchanges; and collaborative research projects of mutual interest.

*"The cooperation between IIT Hyderabad and AIRC started in 2018 when the then director of IITH, Dr. Uday B. Desai, visited Japan with Prime Minister Narendra Modi and signed the first MOU. Since then, AIRC has received researchers from IITH who have given invited talks at AIRC's international symposiums and exchanged research ideas with AIRC researchers. Based on the collaborative discussions, AIRC hosted 5 intern students whose works contributed to the progress of the joint research endeavors of the two institutions," said Junichi Tsujii, Director, AIRC.*

**Speaking on the occasion, Prof B S Murty, Director, IIT Hyderabad, said, "IITH is one of the pioneering academic institutes in the country especially in the field of AI & ML. We have gauged the importance of AI well in advance. We are the first to start an undergraduate (BTech) program in AI. We are also the first in the country to have a complete department of AI that offers BTech, MTech & PhD in AI with 25+ young and dynamic faculty. Collaborations with institutes like AIST is a step in the right direction to establish a global centre of excellence for AI & ML at IITH and thus to serve the society well with its changing needs".**

One of the largest public research organizations in Japan, AIST's vision is to create a global partnership with international academic and research institutions through its centers, such as AIRC. As a hub for large-scale AI research, AIRC is collaborating with institutes and universities from around the world to build and promote AI research communities. IITH's close relationship with Japanese organizations is creating a unique holistic educational ecosystem that offers interactive learning and cutting-edge research. Collaborating together, AIST and IITH will build a stronger global academic and research community.

### **About AIST**

The National Institute of Advanced Industrial Science and Technology (AIST) is one of the largest public research organizations in Japan. AIST focuses on the creation and practical realization of technologies useful to Japanese industry and society, and on "bridging" the gap between innovative technological seeds



and commercialization. AIST is organized into 5 departments and 2 centers that bring together core technologies to exert its comprehensive strength. AIST, as a core and pioneering existence of the national innovation system, has about 2300 researchers doing research and development at 10 research bases across the country, based on the national strategies formulated with the changing environment involving innovation in mind. AIST is also actively building a global network by, for example, signing memorandums of understanding for comprehensive research cooperation (MOUs) with major research institutes around the world.

For additional information about AIST: <https://www.aist.go.jp/>

#### **About AIRC:**

AIRC aims to promote the implementation of AI in manufacturing, service, healthcare/caregiving, and security, and to strengthen Japan's competitiveness in the manufacturing and service sectors so that Japan continues to be among the most advanced nations; AIRC also aims to help achieve a more abundant society by new means, through coordination between AI and people.

The goal of research at AIRC is “AI that can be embedded in the real world.” In other words, the goal is to achieve AI that solves complex problems in society, in cooperation with people in the real world. AIRC ultimately aims to implement AI in society in a diverse range of sectors, including the service industry and healthcare/caregiving services, in order to help boost industrial competitiveness and achieve a more abundant society. Accordingly, the role of AIRC is to serve as a core hub for promoting large-scale research, in collaboration with eminent and up-and-coming researchers in AI and related disciplines from Japan and worldwide.

For additional information about AIRC: <https://www.airc.aist.go.jp/en/>

#### **About IIT Hyderabad**

Indian Institute of Technology Hyderabad (IITH) is one of the eight new IITs established by the Government of India in 2008. In a short span of **13** years, the institute has become a top ranker and currently has **245** full-time faculty, **3,827** students (**26%** women), and nearly **200** state-of-the-art laboratories, and five research and entrepreneurship centers. The institute has a strong research focus with approx. Rs **575** crore of sanctioned research funding with PhD scholars accounting for about **30%** of total student strength. IITH has to its credit more than **~6000** research publications, **195** patent disclosures, **1440** sponsored/consultancy projects, and about **70** startups.

To know more, please visit: <https://www.iith.ac.in/>

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#### **Please direct all media queries to:**

Ms Mitalee Agrawal | Public Relations Officer, IIT Hyderabad | Cell: [8331036099](tel:8331036099) | Email: [pro@iith.ac.in](mailto:pro@iith.ac.in)