भारतीय सांकेतिक विज्ञान संस्था हैदराबाद
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

IIT Hyderabad collaborates with Suzuki Motor Corporation
for India-specific Autonomous Car - ADAS Technology Development

Hyderabad, November 17, 2022: IIT Hyderabad (IITH) collaborates with Suzuki Motor Corporation (SMC) in the field of Autonomous navigation for terrestrial vehicles. The developed technology at IITH will enable the conversion of a Drive-by-wire Vehicle into an Autonomous vehicle by integrating different sensors for perception, localization and navigation. The state-of-the-art Autonomous Vehicle testbed at DST NM-ICPS Technology Innovation Hub on Autonomous Navigation & Data Acquisition Systems (TiHAN), IITH, will be used for testing and validating the technology. IITH and SMC share a vision to study elemental technologies and have signed an agreement in 2021 to develop the technology that can contribute to road safety and road accident reduction in India by developing Autonomous Driving and ADAS technologies based on Indian traffic scenarios. The collaboration will further strengthen the Indian-Japanese bond and allow the exploration of new joint development avenues. Recently SMC Higher Officials visited IITH to assess the readiness of the technology.

Prof B S Murty, Director, IIT Hyderabad, added, *"IIT Hyderabad has been at the forefront of research & development in collaboration with Industry. SMC is a valuable partner in our endeavour to develop an autonomous navigation system for ground vehicles in association with TiHAN. IITH shares a unique collaboration with Japan, and this collaboration with SMC will further strengthen our commitment to bilateral growth."*

"TiHAN at IITH has been established to focus on the research & development of autonomous & intelligent navigation systems. Our association with SMC will enable us to use our state-of-the-art Testbed facility at TiHAN to test and validate an automation navigation system suitable for Indian scenarios", **said Prof P Rajalakshmi, Principal Investigator for the study & Project Director, TiHAN- IIT Hyderabad.**

"SMC collaborates with IITH in the development of autonomous driving technology to resolve problems such as vehicle collision and traffic congestion in India. We look forward to working with IITH on advanced mobility technology and strengthening human resources for international collaborative research and development", **quoted Mr Kurachi Nobunari, Department, General Manager, SMC.**

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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 **14** years, the institute has become a top-ranker. It has **290+** full-time faculty, **~4,300** students, **18** Departments + Centre for Interdisciplinary Program, nearly **200+** state-of-the-art laboratories, and five research and entrepreneurship centers. The institute has a strong research focus with approx. Rs **535+** crore of sanctioned research funding, with PhD scholars accounting for about **30**% of total student strength. IITH has more than **8,500+** research publications with **1,00,000+** Citations, **190+** Published Patents, **1,700+** sponsored/consultancy projects with **500+** running projects, and about **100+** startups.
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