LoRaWAN™ enables services in IIT Bombay

NEW DELHI, August 10, 2018 — SenRa, a PAN India LoRaWAN™ network service provider today signed services agreement with Indian Institute of Technology Bombay (IIT Bombay) to provide LoRaWAN™ network to IIT Bombay. The agreement will focus to boost up technology advancements for solutions to various projects funded by the Government of India.

In 2014, the Government of India launched the "Make in India" program to encourage companies to manufacture their products in India. As part of this initiative, they also set forth funded programs with top Universities to enable development of products made in India leveraging latest technologies while solving real (life) problems faced by people in India on a day-to-day basis. IIT Bombay is recognised worldwide as a leader in the field of engineering education and research. Reputed for the outstanding caliber of students graduating from its undergraduate and postgraduate programs, IIT Bombay is deemed as one of the top Universities in India.

With the recent successes of LoRaWAN™ in India, IIT Bombay was intrigued by the technology and sought out the support from companies with expertise in LoRaWAN™. As one of the leading LoRaWAN™ network operators in India, SenRa provided LoRaWAN™ network connectivity to IIT Bombay for research and development projects.

"We are extremely happy and honoured to have the opportunity to support IIT Bombay on LoRaWAN™ for their research and development efforts," said Ali Hosseini, CEO of SenRa. "By enabling Universities and students with access to our services, not only are we expanding the LoRaWAN™ ecosystem in India, but we are also expanding the minds of the future leaders of India."

With this deployment in Mumbai, SenRa's LoRaWAN™ network is now present in Twenty cities throughout India and are on track to reach thirty cities by the end of year.

About SenRa

SenRa, a contributing member of the LoRa Alliance™, is a PAN India Low Power Wide Area Network Provider (LPWAN), specifically LoRaWAN™, for the Internet of Things (IoT) and Machine to Machine (M2M) solutions and applications. SenRa is currently deploying LPWANs throughout India for projects which require secure, reliable, long distance communication at low cost. SenRa is working with global partners to deploy smart solutions such as water metering, smart agriculture, smart lighting, smart cities, logistics, electric and gas meter. For additional information visit: https://senraco.com/

About IIT Bombay

Indian Institute of Technology Bombay, the second IIT to be set up in 1958, is recognised worldwide as a leader in the field of engineering education and research. The Institute is awarded the status of "Institute of Eminence' by the Ministry of Human Resource Development, Government of India in 2018. It is reputed for the quality of its faculty and the outstanding calibre of students graduating from its undergraduate and postgraduate programmes. The Institute has 15 academic departments, 30

centres, one school and five Interdisciplinary programmes. Over the last five decades, more than 52,600 engineers and scientists have graduated from the Institute. It is served by more than 643 faculty members considered not only amongst the best within the country, but are also highly recognized in the world for achievements in the field of education and research. The Institute is recognized as one of the top centres of academic excellence in the country. Over the years, there has been dynamic and rapid progress at IIT Bombay in both academic and research activities, with a parallel improvement in facilities and infrastructure to match with the best institutions in the world. For additional information visit: http://www.iitb.ac.in/

About LoRaWAN™

LPWAN (Low Power Wide Area Network) is a broad term covering several implementations and protocols, both open source and proprietary. While other wireless communication technologies available like Bluetooth and BLE (and to some extent Wi-Fi and ZigBee) are not suited for long-range performance, LPWAN provides the longest range with a low data rates. The technology used in a LoRaWAN™ network is designed to connect low-cost, battery-operated sensors over long distances in harsh environments that were previously too challenging or cost-prohibitive to connect. With its unique penetration capability, a LoRaWAN™ gateway deployed on a building or tower can connect to sensors more than 10 miles away or to water meters deployed underground or in basements.

About LoRa Alliance™

The LoRa Alliance is an open, nonprofit association that has grown to more than 500 members since its inception in March 2015, becoming one of the largest and fastest-growing alliances in the technology sector. Its members closely collaborate and share experiences to promote the LoRaWAN protocol as the leading open global standard for secure, carrier-grade IoT LPWAN connectivity. With the technical flexibility to address a broad range of IoT applications, both static and mobile, and a certification program to guarantee interoperability, the LoRaWAN protocol has already been deployed by major mobile network operators globally, with continual expansion. For information about joining the LoRa Alliance, please visit http://www.lora-alliance.org/join.

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