



IIT Hyderabad Celebrates Global Recognition of Distinguished Professors Elected as Fellows of the Royal Society

Hyderabad, 21st May 2025: The Indian Institute of Technology Hyderabad (IITH) is proud to announce a momentous achievement as two of its Distinguished Professors — **Prof. Chennupati Jagadish**, Australian National University, and **Dr. Mallikarjun Tatipamula**, CTO of Ericsson — have been elected as **Fellows of the Royal Society (FRS)**, one of the most prestigious scientific honours globally.

A Fellow of the Royal Society (FRS) is a prestigious title awarded to individuals who have made a substantial contribution to the improvement of natural knowledge, including mathematics, engineering science, and medical science. The Royal Society is the oldest continuously existing scientific academy in the world, making the Fellowship a significant honour. Prof. Chennupati Jagadish and Dr. Mallikarjun Tatipamula join the world's most eminent scientists as Fellows of the Royal Society — a recognition awarded to individuals who have made substantial contributions to the improvement of natural knowledge in science, engineering, and medicine.

Both honorees trace their roots to India and maintain close academic ties with IITH. Their elevation to FRS honours the intellectual heritage of the country and reflects the strength of India's contribution to global scientific advancement.

A Distinguished Professor Emeritus at the Australian National University, **Prof. Jagadish** is renowned for his pioneering work in semiconductor nanotechnology, photonics, and optoelectronics. He was born in a small village, Vallurupalem, in AP and grew up in a smaller village, Arekayalapadu, in Telangana and obtained his BSc Physics from ANU-Guntur, MSc(Tech) Appl Physics from AU and MPhil and PhD in Physics from Delhi University. He is currently serving as Distinguished Professor Emeritus of Physics and Electronic Materials Engineering at the Australian National University. He is the first Indian to receive the highest civilian honour, Companion of the Order of Australia (AC), from the Governor General of Australia. He has received the Pravasi Bharatiya Samman Award from the President of India.

Prof. Chennupati Jagadish is the first Indian and non-European Australian elected President of the Australian Academy of Science, currently advising the Australian Government and Parliament. He is a Fellow of major science and engineering academies across Australia, India, Europe, the US, UK, China, and TWAS. In 2025, he was elected to the American Academy of Arts and Sciences and the Royal Society (FRS). He also received honorary doctorates from the University of Surrey and Nottingham Trent University in 2024.

A global technology leader and CTO at Ericsson, **Dr. Mallikarjun Tatipamula** has played a transformative role in the development of 5G and next-generation networks. Born in Warangal, Telangana, Dr Mallik is a globally respected leader in telecommunications. He holds a BTech from NIT Warangal, an MTech from IIT Madras, and a PhD from the University of Tokyo.

Inspired by a decade-long wait for a landline in 1980s India, Dr Mallik embarked on a 35+ year career shaping every major telecom transformation—from mobile internet to 5G. Today, as CTO at Ericsson



(Silicon Valley), he is driving the development of AI-native 6G networks focused on intelligence, inclusivity, and sustainability. He has led billion-dollar programs, shaped global standards, advised governments, and mentored talent worldwide.

Delighted by this achievement, Prof. Jagadish, Distinguished Professor Emeritus, Australian National University, said, *“First and foremost, it’s a real pleasure for me to be associated with IIT Hyderabad. Under your leadership, the institute is doing an outstanding job in shaping the next generation and advancing world-class research. As we all know, the world faces complex challenges—climate change, energy transition, pandemics, health and food security, digital transformation. These issues can only be addressed through science, and through working together as a global community. No single country or individual can solve them alone. We need transdisciplinary and multidisciplinary approaches, combining STEM with humanities and social sciences. A knowledge-based economy will depend on STEM skills. So, to young people: choose something you’re passionate about and have fun—because when you enjoy what you do, great things happen. But brilliance alone isn’t enough; persistence, collaboration, and communication are key. We achieve far more when we work together. I’m humbled to be elected a Fellow of the Royal Society, among giants like Newton, Einstein, and Sir CV Raman. Coming from a small village in India, studying by kerosene lamp, I owe so much to my teachers, my parents, and my mentors. Without them, I might still be working the fields. India gave me my education, and I’m deeply grateful. Australia gave me the opportunity to grow as a scientist and leader. The India of today is confident, dynamic, and full of opportunities. I hope the younger generation seizes them—not only to fulfill their dreams, but to contribute to the nation’s progress”*

Honoured by this recognition, Dr. Mallikarjun Tatipamula, CTO of Ericsson, stated, *“Being elected a Fellow of the Royal Society is a great honour. But for me, this moment isn’t just about recognition—it’s a reminder of what’s possible when passion meets purpose. We’re living through one of the most exciting times in history. Technologies like AI, cloud, and communications are no longer moving in isolation—they’re converging. And that convergence is unlocking new ways to solve real problems in healthcare, education, agriculture, and inclusion. India has already shown the world what’s possible by leading the rollout of 5G. Now we have a unique opportunity to shape the future at the intersection of AI, cloud, and connectivity. But it’s not technology alone that will drive this future—it’s people. It’s you. So my message to you is simple: dream big—but stay grounded. Innovation is not a sprint—it’s a marathon. In my own life, practices like yoga, meditation, and caring for both mind and body have helped me stay centered, especially in moments of uncertainty. And remember—progress isn’t about doing more. It’s about doing what matters. I want to express my deepest gratitude to my family, who’ve stood by me always, to my teachers, and to the institutions that shaped me—NIT Warangal, IIT Madras, and many others. And to the mentors and colleagues who have guided, challenged, and inspired me at every stage of this journey”*

Elated by this achievement, Prof B S Murty, Director, IITH, stated, *“This is a proud and historic moment for IIT Hyderabad. The election of Prof. Chennupati Jagadish and Dr. Mallikarjun Tatipamula to the Royal Society is a reflection of their lifelong dedication to scientific excellence and innovation. We are honoured to have such global visionaries as part of our IITH family. Their association will continue to inspire our students, researchers, and faculty to reach for the highest standards in academia and research.”*



About IIT Hyderabad:

IITH, established in 2008, has reached a respectable position in Academics, Research, Technology development and Startups in a short span of 16 years. In the National Institutional Ranking Framework (NIRF), IITH has bagged at 3rd in Innovation and 8th among Engineering institutes in the last two consecutive years, while it has maintained its rank within top 10 Engineering Institutes ever since NIRF was launched. IITH has been striving for excellence with a motto of "Inventing & Innovating in Technology for Humanity (IITH)".

With 325 full-time Faculty and 5,300+ Students (PG+PhD students accounting for about 60%), IITH has a strong research focus with ~ 4630 Projects worth of Rs. 1510+ Cr of R&D funding (Rs. 335+ Cr funding in 2024-25), 11,680+ Publications, 2,15,000+ Citations, 510+ Patents (210+ Patents in 2024 and a commitment to "Patent a Day: Mission 365" for 2025 to earn 365 Patents by the end of 2025), and about 260+ Startups (that have generated 1100+ jobs with a revenue of Rs. 1500+ Cr).

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