

## Brief CV of Dr. Navya Rani M



Dr. Navya Rani M. is an accomplished academician, researcher, and innovation leader with over two decades of experience in teaching, research, industry, and entrepreneurship. She is currently serving as **Associate Professor and Associate Dean R&D at Nagarjuna College of Engineering and Technology, Bengaluru**, where she is also a member of the Academic Council (2023–2026) and Convener of the Innovation & Entrepreneurship Club. Her role involves leading research and development activities, mentoring faculty and students in proposal writing, research projects, startups, patents, and fostering industry–academia collaborations. She teaches interdisciplinary subjects including Research Methodology, Bio-Engineering and Innovation, E-Waste Management, and also trains engineering students in the Japanese language.

Dr. Navya Rani holds a Ph.D. in Applied Sciences (Nanotechnology) from Visvesvaraya Technological University, along with an M.Sc. in Biotechnology. Her professional journey includes serving as **Managing Director of Re-Batt Energy Solutions Pvt. Ltd.**, a startup recognized under the Karnataka Startup Policy and winner of the **Elevate Amrita Startups 2021** program. She has also worked at **Dayananda Sagar University**, **Scientist at Skanda Life Sciences**, **Assistant Professor at Rajiv Gandhi Institute of Technology**, and held research positions at the **Indian Institute of Science, Bengaluru**, and leading universities in Japan including **Tohoku, Hosei, and Tsukuba University**. She has also signed MOU with **Kyoto University Japan**.

Dr. Navya Rani has nearly 20 years of teaching, research, and industrial experience at national and international universities, institutions, and startups in the MSME sector. She has authored or co-authored approximately **40** research papers in international and national journals and conference proceedings and **10** patents have been published. Her research interests span nanomaterials, energy storage, green hydrogen, photo catalysis, nanotechnology, and nanobiotechnology. She is also an innovator with more than ten Indian patents published or granted in the areas of energy devices, sensors, nanomaterials, and sustainable technologies. Her contributions have been recognized through several honours, including the **STE Women Excellence Award 2024** and multiple best paper and poster awards at national and international conferences. She is proficient in English, Hindi, Kannada, and Japanese, and is actively involved in mentoring, research leadership, and academic excellence.

**Dr. Navya Rani M, Ph.D.**

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