

N.B.V. Lakshmi Kumari holds a Bachelor's degree in Mechanical Engineering and a Post Graduate degree in Design For Manufacturing, currently pursuing a Ph.D. in Mechanical Engineering with a specialization in Functionally Graded Materials at KL University, Vijayawada. With a rich experience of 15 years in the field of academia, she currently serves as an Assistant Professor in the Mechanical Engineering Department at Muffakham Jah College of Engineering and Technology, Hyderabad.

Her academic prowess extends across various domains, including but not limited to Machine Design, Design of Machine Elements, Metallurgy and Material Science, Machine Tool Design, Product Design & Process Planning, and Design For Manufacturing. Furthermore, she holds significant administrative roles such as the NAAC SPOC for Mechanical Engineering Department from 2021 to 2023 and NSS Programme Officer for MJCET, wherein she actively contributes to institutional enhancement. Additionally, she serves as the Faculty Advisor for EWB-MJCET.

With a commendable scholarly record, Lakshmi Kumari has authored over 15 papers in Renewable Energy Sources for reputable international journals and conferences. Her scholarly contributions have been acknowledged with the Best Paper Award at ICIME 2021, GNIT, Hyderabad. Moreover, she holds two Australian patents and two design patents, attesting to her innovative prowess.

Her commitment to continuous professional development is evidenced by her active participation in more than 15 Faculty Development Programs (FDPs) and 10 seminars. Lakshmi Kumari's research interests revolve around Non-conventional Energy Systems, Design Engineering, Robotics, Mechatronics, and Advanced Materials, reflecting her dedication to advancing knowledge and technology in these domains. She is a distinguished life member of esteemed professional bodies such as the Indian Society for Technical Education (ISTE) and Engineers Without Borders (EWB), underscoring her commitment to professional organizations and collaborative endeavors.

In her capacity as the NSS Program Officer, Lakshmi Kumari has spearheaded numerous impactful initiatives aimed at community welfare and development. These initiatives encompass diverse endeavors, including plantation drives, free health camps, and road safety awareness programs. Through these concerted efforts, she has not only contributed to environmental sustainability by promoting afforestation but has also addressed critical health issues by facilitating access to essential medical services for underserved communities. Furthermore, her initiatives in road safety awareness have played a pivotal role in educating the public about safe driving practices, thereby contributing to the mitigation of accidents and injuries on roadways. These endeavors exemplify

her commitment to instilling a culture of service and civic responsibility among students, while effecting tangible improvements in the communities served.