

Dr. Sarosh Hashmat Lodi (Tamgha-i-Imtiaz)

Dr. Sarosh Hashmat Lodi, Professor Emeritus, is a distinguished academic and leader in the field of Engineering and Technology. He served as the Vice Chancellor of NED University of Engineering and Technology for two tenures from 2017 to 2024. Before this role, he held the position of Dean of the Faculty of Civil Engineering and Architecture from 2010 to 2017, where he played a pivotal role in modernising the engineering education and fostering innovation. Currently, he is also serving as the Senior Vice Chairman of the Pakistan Engineering Council.

With a career spanning over three decades at NED University, he has served at various academic and administrative positions, including Chairman of the Department of Civil Engineering from 2003 to 2010, and the Registrar in 2005-2006. He was instrumental in developing and introducing quality systems and implementing ISO 9000 at NED in 2002.

His academic journey at NED University started in 1988 as a Lecturer, progressing through the ranks to become a Meritorious Professor in the Department of Civil Engineering in 2010.

Dr. Sarosh Hashmat Lodi, an accomplished professional with a diverse educational background, holds a PhD from Heriot-Watt University, UK; a Master's degree in Structures from Oregon State University, USA, and a Bachelor's in Civil Engineering from NED University of Engineering and Technology, Karachi, Pakistan. Additionally, he has completed the prestigious 82nd National Management Course at the Pakistan Administrative Staff College, Lahore, in 2005, enhancing leadership and management skills.

Throughout his professional life, Dr. Lodi has been involved in teaching, research and allied activities. His research focused on the major areas of structural and earthquake engineering. He has been instrumental in developing codes and guidelines in Pakistan for a safe, resilient and sustainable built environment. Dr. Lodi has supervised several postgraduate students and completed research and consultancy projects. He is the author of over 125 publications, including books, book chapters, edited proceedings, journal and conference papers.

Under his leadership, NED University achieved several milestones that underscore his enlightened vision and transformative leadership. There was 28% increase in the number of academic programmes offered by NED University, which increased from 88 to 114. One major initiative to provide access to quality education in remote areas of the country was the establishment of Constituent College, Thar Institute of Engineering, Science and Technology (TIEST) at Mithi, Tharparkar, which is currently offering bachelors programmes in Computer Science and Civil Engineering. A dedicated campus of over 340 acres is under construction in Tharparkar, which will provide state-of-the-art teaching and research facilities. During his tenure at NED, foreign languages have been introduced, which include Chinese, Turkish, German, French and Arabic. Moreover, community service was made an integral part of the curriculum of all programmes to improve engagement of the students with the community. The student enrolment increased to 13000+ with 40% female enrolment in engineering programs.

Dr. Lodi worked continuously to develop a mechanism for the financial sustainability of NED University. One notable achievement is the establishment of the National Incubation Center in 2018, done in collaboration with the Ministry of IT. Additionally, Dr. Lodi spearheaded the creation of Pakistan's first Technology Park, valued at USD 90 million, through a Private Public Partnership. The fully integrated science and technology park, stemming from a robust

government-to-government agreement between EnerTech, a Kuwaiti state-owned holding company and NED University, Karachi, is poised to become a nexus for technology enthusiasts, visionary entrepreneurs, and multinational corporations.

Furthermore, Dr. Lodi's leadership was instrumental in introducing significant policy initiatives aimed at nurturing an environment conducive to knowledge generation and innovation. For instance, NED University implemented its first-ever Intellectual Property and Licensing Regulatory Framework under his guidance, which not only acknowledges individual inventors but also encourages the development and dissemination of impactful inventions to benefit society. Additionally, under the auspices of the Office of Research, Innovation, and Commercialisation (ORIC) at NEDUET, Dr. Lodi facilitated the formulation of collaborative research policies, providing a comprehensive framework to guide the university's research and innovation endeavours.

During his tenure, NED University made significant improvements in its ranking was ranked among the top 400 universities of Asia by QS Ranking and among the top 200 Universities of the World by Times Higher Education Impact Rankings in 2024.

Dr. Lodi has received several awards for his services in teaching, research and other endeavours including the National Engineering Excellence Award by the Institution of Engineers Pakistan in 2023, the Engineering Excellence Award by Pakistan Engineering Council in 2022, the Pride of Performance by the Government of Pakistan in 2019 and the Research Excellence Award by the NED University in 2016. He has recently been awarded the most coveted “Tamgha-i-Imtiaz” by the Government of Pakistan in 2025.