



Dr. Y. P. Kosta
Provost, Marwadi University



Brief Career Quintessential of Professor Yogeshwar Kosta Ph.D Provost (Vice Chancellor), Marwadi University, Rajkot.

Prof. Yogeshwar Kosta is a space scientist and an educationist by profession

EDUCATIONAL QUALIFICATIONS

- Professor Yogeshwar Kosta received his education in Science, Technology and Project Management from Dayalbaugh Educational Institute, Delhi University and Stanford University respectively. He earned his doctorate degree in telecommunication engineering (Antennas and Microwave Circuits) from Jabalpur University in 1998 while working as a **scientist** employed with the Indian Space Research Organization (SAC-ISRO) – Ahmedabad, Gujarat, India.

CAREER TRACK-I : SCIENTIFIC & TECHNICAL CAREER & WORK PROFILE

- During his scientific and technical career, starting 1992, spanning two decades, Dr. Yogeshwar was employed by the Indian Space Research Organization (ISRO) in India, and Teledyne Wireless an MNC in the Silicon Valley–USA, serving as a key team member (design engineer) in multiple engineering project assignments of national and international importance. His work involved design and development of cutting-edge front-end technologies for high impact value products and services in the space and military industry. In 2003 he migrated from industry to academia

KEY ACCOMPLISHMENTS : SCIENTIFIC AND ENGINEERING ASSIGNMENTS

- His key engineering project assignments include, design, development and delivery of space qualified front-end receivers: KU-band communication payloads for the INSAT satellite project at SAC-ISRO, Govt. Of India, Ahmadabad, India. And design and development of MMIC and RFIC's for wireless applications at Teledyne Wireless, California, USA.

CAREER TRACK – II: ENGINEERING EDUCATION ASSIGNMENTS

- In 2003 Dr. Yogesh migrated from the space industry to engineering Education, and since then, he is working as a professor of electronics and telecommunication engineering.
- During 2003 to 2010, Dr. Yogesh served as the Principal of Charotar Institute of Technology, and later (2008–10) as Dean Faculty of Engineering & Technology at Charotar University of Science and technology, at village Changa in Gujarat.
- Presently, he is working in the capacity of the Provost (Vice Chancellor) of Marwadi University (MU). His immediate earlier assignment was Director–Technical Campus (2011 – 2016) of Marwadi Education Foundation's Group of Institutions (MEFGI) located at Rajkot, Gujarat, India. MEFGI kick started its educational endeavour in the year 2009.

- MU is a leading private state university of Gujarat, located at Rajkot, Gujarat. Presently the university comprising of 7 faculties, offering degree engineering program (3 institutes with UG, PG, & PH.D), Diploma Engineering, Computer application and information science program (2 years M.SC, MCA 3 year and 5 years integrated dual degree program), Management programs (MBA, PGDM, and 5 years integrated dual degree program), Science (B.SC, M.SC, Ph.D), Arts & Commerce (BBA, BCA, B.Com), Law (LLB), and Architecture (B.Arc) programs. More than 8500+ students are taking education, supported by 450+ full-time faculty, and 100+ visiting faculty to deliver quality education.

INTERESTS : SCIENTIFIC, EDUCATIONAL & SPIRITUAL

- Dr. Yogesh has varied scientific and academic interests, attributed to multi and transdisciplinary areas. He has profound spiritual interest too, Activities span to include areas such as Humanitarian technology, Antennas, RFIC's, Satellite & Space-bourn Systems, Wireless communication, Microwave technology, Nano & Neuroscience, Biology, Medicine, Arts, Engineering education, meditation, NATURE, subconsciousness mind, and body dynamics!
- His ongoing educational interests and activities include promoting scientific and engineering education amongst students, conducting engineering awareness programs such as workshops and seminars to high school students. Since 2004, he has been delivering, upon Institutional request as well as voluntarily free career guidance seminars (> 250+) and scientific talks (75+) to schools in Gujarat and public platforms.
- He has served as an expert member in AICTE – a statutory body of the ministry of HRD, Govt. Of India, and in various over capacities in public and private universities– BOG, BOS, Paper setter and as an examiner. He was an invited expert faculty at the United Nations PG Program on SATCOM – a 2 years program conducted by Indian Space Research Organization, Department of Space, Govt. Of India.

ACADEMIC CONTRIBUTION

- Dr. Yogesh has been instrumental in pioneering and establishing the conceptual design structure for Marwadi University (www.marwadieducation.edu.in) in terms of teaching, learning and evaluation,

RESEARCH, CONSULTANCY, PUBLICATIONS, PROJECTS & PATENTS

- Dr. Yogesh has published more than 150+ research papers (Growing Google scholar citation indices: h-index: 12, and i-10 index: 20) in the areas of science, technology, education, and management in conferences and journals of good standing. He has written and published 4 books on engineering and education.
- Dr. Yogesh has successfully completed scientific projects of good standing and impact from organizations of repute such as; ISRO–SAC, DRDO, DST, etc., and carried out

consultancy work offered by private technological companies and universities.

- More than 20 students have registered for Ph.D under his supervision and guidance. 12 research scholars have been awarded Ph.D degrees from various public and private universities including NIT.
- Dr. Yogesh has filed more than 10 patents (ISRO-5 + NIT-3 + MU-1) in the field of antennas & satcom and software science (CIT-C - 1).

ASSOCIATION WITH SCIENTIFIC AFFINITY GROUPS

- Dr. Yogesh is associated with IEEE since the last 13 years; he served as Chair, IEEE – Gujarat Section for two terms during 2015 and 2016. Presently he is a senior member of IEEE. He was the chapter chair of Humanitarian Technology and SMC of IEEE–Gujarat Section (2013 and 2014). He is an active member of many professional societies like IETE, IEEE, SMC–IEEE, CSI, ISTE, IE, etc. (Google to know more...).

PROFESSIONAL ACTIVITIES

- Dr. Yogesh has constantly delivered (400+) invited talks in science, technology, management, education, and inspirational (since 1998 onwards) in workshops, seminars, conferences, and professional societies/bodies, companies, and educational institutions – public and private.

AWARDS AND RECOGNITIONS

- Dr. Yogesh is recipient of many awards and honours' from professional institutes, communities and societies.
- **Awards:** Bharat Gaurav Award, Jewel of India Award, Lifetime Achievement Gold medal Award, Indian Achievers Award, Kohinoor of India Award and Best Principal Award, GTU Innovation award, Best Research Paper Award, Best Creative Author Award, and array of social service appreciation and promotion recognitions.

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