

LECTURE 40



Vice Chancellor and President C. Muthamizhchelvan

- **Vice Chancellor, SRM Institute of Science and Technology
(SRMIST)**

Date: 2025.11.08



Tamkang University's 75th Anniversary Diamond Jubilee

World University Presidents' Forum Digital Transformation and Sustainable Development of Higher Education

Saturday, November 8, 2025

Ching-sheng International Conference Hall, Tamsui Campus

14:30-14:40	Opening Remarks President Huan-Chao Keh (Moderator) Vice President for Administrative Affairs Chun-Hung Lin (Co-Moderator) Tamkang University The Moderator and Co-Moderator will introduce speakers and facilitate Q&A sessions.
14:40-14:55	"From Digital Innovation to Sustainable Impact: Tamkang University's Strategic Approach to Higher Education Transformation" Vice President for Academic Affairs Hui-Huang Hsu Tamkang University
14:55-15:00	Q&A
15:00-15:15	"Digital Metamorphosis and Architecting a Sustainable Future of Higher Education" Vice Chancellor and President C. Muthamizhchelvan SRM Institute of Science and Technology, India
15:15-15:20	Q&A
15:20-15:35	"Empowering Women for Global Leadership" President Yuko Takahashi Tsuda University, Japan
15:35-15:40	Q&A
15:40-15:55	"Enhancing the Value of a US Education" Chancellor Julie Chen University of Massachusetts Lowell, U.S.A.
15:55-16:00	Q&A
16:00-16:15	"Will AI Replace Universities?" Rector Alojzy Z. Nowak University of Warsaw, Poland
16:15-16:20	Q&A
16:20-16:25	Floor Discussion
16:25-16:30	Closing and Photo Session

INTRODUCTION

Vice Chancellor C. Muthamizhchelvan received his Ph.D. in Materials Science from Anna University, India. He is currently the Vice Chancellor of SRM Institute of Science and Technology.

He served as Pro Vice Chancellor and Director of Engineering and Technology at SRM Institute of Science and Technology. He is a Fellow of the Institution of Engineering and Technology in the U.K. and the Institution of Electronics and Telecommunication Engineers in India.

He is a professor in Nanoscience and Nanotechnology at SRM Institute of Science and Technology with over 180 research publications. His research interests include nanoscience, nanotechnology, materials science, and advanced engineering technologies.

He was recognized as an Honorable Guest Professor in the Shizuoka University, Japan in April 2014.

Topic : “Digital Metamorphosis and Architecting a Sustainable Future of Higher Education”

ABSTRACT

Higher education is undergoing a profound digital transformation that is reshaping how institutions create, share and sustain knowledge. This keynote examines how universities can build a sustainable future through digital change strengthened by global collaboration and partnership with industry.

The shift from early online systems to today’s intelligent and data-informed learning environments shows that technology has moved from being a support tool to becoming a structural element of education. Yet, despite a global education economy valued at 7.3 trillion dollars, less than four per cent of expenditure goes towards digital innovation. This gap highlights both a challenge and an opportunity for reform.

Digital sustainability rests on three interconnected foundations. Economically, universities can extend their reach through online degrees, short professional courses and data-led financial models. Socially, digital ecosystems widen access, promote lifelong learning and encourage inclusion across diverse communities. Environmentally, virtual collaboration and technology-enabled campuses reduce travel, energy use and waste.

Two key drivers reinforce this transformation: global partnerships and closer engagement with industry. Initiatives such as collaborative international learning, shared research platforms and remote internships allow universities to connect learners and researchers across borders while responding to the needs of the modern workforce. The university that is now emerging is not only digital but sustainable, open and ethically conscious. It represents a place where education becomes a shared act of responsibility, innovation and global citizenship.

MINUTES