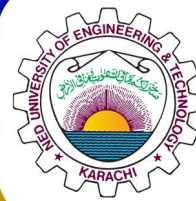# Faculty Development Training Programme

Topic: Technology Transformation Dissemination Sessions

Organizing by

AED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI

GetInnovative 4Impact

Co-funded by the European Union

Training Schedule

Mechanical Audio Visual hall, Mechanical Enginering Department — 02:00 PM to 05:30 PM

Friday, December 6th, 2024

Key Principals around Masters and Doctoral Supervision: Engineering Graduates
Prof. Dr. Mubashir Ali Siddiqui
Enhancing Student Engagement through Active Learning Strategies
Prof. Dr. Syed Amir Iqbal
Big Data Analytics and Fundamental of Machine Learning
Dr. Muhammad Wasif

Monday, December 9th, 2024

Energy 4.0
Dr. Muhammad Uzair
Applications of IoTs in Mechanical and Manufacturing Engineering
Dr. Haider Ali
Exploring the Evolution: Past, Present and Future Projects of Advanced Mechatronics Systems
Dr. Tariq Jamil

Tuesday, December 10th, 2024

Technopreneurship for Digital Business
Dr. Muhammad Wasif
Application of AR and VR for Product Design and Development
Dr. Haider Ali
The Impact of Industry 4.0 Technologies
Dr. Tariq Jamil

Wednesday, December 11th, 2024

Applications of Generative AI Uses in Manufacturing
Dr. Muhammad Wasif
Implementing Digital Tool in Higher Education: Opportunities, Challenges and Ethical Issues, Generative AI & Assessment Design
Dr. Tariq Jamil
Digital Innovation in Additive Manufacturing
Prof. Dr. Syed Amir Iqbal

Important Note

- *Please bring your fully charged laptop to participate in the hands-on training.*
- *To receive the Certificate of Continuing Professional Development (CPD), participants must attend at least 10 out of the 12 scheduled sessions.*
- *The registration fee for participants outside the university is Rs. 1200.*

For more information & registration, kindly email at
bilalashraf@neduet.edu.pk