

Mehran University of Engineering and Technology, Jamshoro

Institute of Information and Communication Technologies

Schedule of Initial/Final Seminars of M.E Students of IICT

It is for the information of all concerned that the Initial/Final seminars to be delivered by ME students of IICT have been scheduled from 22.02.2021 to 25.02.2021 at 10.00 am in the Video Conferencing Hall of IT building; as per requirement of the Advanced Studies and Research Board (ASRB), Mehran University of Engineering and Technology, Jamshoro.

- All students are required to **bring 07 hard copies** of the presentation.
- Candidates are suggested don't print Bismillah بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ on Hard copies.
- Maximum Duration of an Initial Seminar will be 10 minutes and that of a final seminar will be 15 minutes.
- **During presentation, at least one supervisor must be present.**
- **Candidates are suggested to write literature review in tabular form along with one slide of "literature review summary".**
- All honorable members of ASRB and PhD holder faculty members of IICT are invited for evaluation of the seminars
- **Must follow the SOPs of COVID-19**

MONDAY 22-02-2021				
S.No	Name	Title	Supervisor/Co-Supervisor	Seminar/ Page #
01	Ms Aasha 17 ME CIE 02	Aspect based Real-time Opinion Mining Approach in E-Commerce application.	Dr. Adnan Ashraf Dr. Manzoor Hashmani	Final
02	Syed Qazi Shameel Udiin 20 ME CIE 01	Towards Generating a Realistic Based Dataset of DHCP for NIDS .	Dr. Faheem Yar Dr. Shahnawaz Talpur	Initial
03	Ms Saira Parveen 20 ME MECH 11	Induction motor fault detection and classification using IRT	Dr. Tanveer Hussain Eng. Dileep Kumar	Initial
04	Ms Fzila 19 ME SE 14	Analysis of MUET Admission Portal Through Processing mining.	Dr. Sania Bhatti Engr. Amrita	Initial
05	Ms. Afifah Jalbani B15 ME SE 10	Performance Measurement Of Online Testing Tools	Dr. Mohsin Memon Dr. Sania Bhatti	Final
06	Ms Uroosa Memon 20 ME SE 10	Ecological Footprint Analysis in Academia: A case study of Mehran University of Engineering and Technology, Pakistan	Engr. Areej Fatima Dr. Mohsin Ali Memon	Initial

**TUESDAY 23-02-2021**

S.No	Name	Title	Supervisor/Co-Supervisor	Seminar/ Page #
01	Ms Versha Kumari 19 ME ESE 15	An Effective Approach for Violence Detection using Machine Learning and Natural Language Processing.	Engr. Khuhed Memon	Initial
02	Mr. Parkash 17 ME ESE 10	Experimental analysis of physical and optical properties of silicon oxycarbide (SiOC) thin films.	Dr. Faisal Memon Dr. B.S Chowdhary	Final
03	Ms Maheen Gul 16 ME ESE 04	Induction Motor Thermal Performance Analysis	Dr. Farzana Rauf Abro	Final
04	Mr Waseem Salam 17 ME ESE 11	Power Efficiency Improvement of Grid Connected Wind Energy System using DSTATCOM-BESS	Dr. Farzana Rauf Abro	Final
05	Ms Fazila Mehwal Khan 19 ME ESE 12	Modeling the active synchronization of electricity grid devices and sensitivity analysis in swarm grid.	Dr Irfan A. Halepoto	Initial
06	Ms Raheela Zamir 19 ME ESE 16	Modeling and analysis of DC solar Micogrid village for Rural electrification.	Dr Irfan A. Halepoto	Initial
07	Mr. Zain Ali 17 ME ESE 25	Design and analysis of the particle swarm optimization (PSO) and its variants effectiveness for FIR filter	Dr. TayabDin Memon Engr. Bharat Lal Harijam	Final
08	Ms Aisha Baloch 18 ME ESE 15	Vehicle detection and classification system using ZEB board environment.	Dr. Tayyat Memon Dr. Farida Memon	Final
09	Mr. Ameet Kumar 17 ME ESE 22	Stochastic Analysis of SiOC on Insulator Based Photonic Integrated Circuits	Dr. Abi Waqas Dr. Faisal Memon	Final

**WEDNESDAY 24-02-2021**

S.No	Name	Title	Supervisor/Co-Supervisor	Seminar/ Page #
01	Mr Javed 18 ME CSN 02	DESIGN OF NEW TECHNIQUE TO MEASURE ULTRASHORT OPTICAL PULSEWIDTH USING SIMULATED SMF-28 BASED NOLM OPTICAL POWER METER.	Dr. Umair Ahmed Dr. Aftab Ahmed	Initial
02	Ms Mehak Fatima 19 ME CSN 01	Analyzing the health routine of COVID-19 Quarantined Patients using AI and IOT	Engr. Nafeesa Bohra	Initial
03	Mr. Hassan Uddin Abro 19 ME CSN 07	Analysis of COVID-19 effects on wellbeing study of reddit posts using Natural Language Processing Technique.	Dr. Zafi Shehram Shah	Initial

04	Mr. Ovase Karim Kazi 17 ME CSN 15	Infrastructure challenges and remedies in next generation cellular. 29-10-2020	Dr. Imran Ali Qureshi Dr. Sajjad Ali Memon	Final
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**THURSDAY 25-02-2021**

S. No	Name	Title	Supervisor/Co-Supervisor	Seminar/ Page #
01	Ms Aneeqa Sattar 20 ME ELP 59	Development of standalone solar energy harvesting system with cascaded H-bridge sub- multilevel Inverter.	Dr. M. A. Mahar	Initial
02	Mr. Asif Zahoor 19 ME ELP 08	Variable on-time control scheme to achieve high efficiency for AC/DC Critical Conduction Mode Buck Converter.	Dr. Abdul Hakeem Memon Dr. Zubair A. Memon	Initial
03	Mr Mansoor Khan 18 ME ELP 34	Enhancing Photovoltaic Hosting Capacity in Low voltage Distribution Network.	Dr. Mahesh Kumar Rathi Dr. Aamir Mahmood Soomro	Initial
04	Mr Amjad Hussain 17 ME ELP 75	An Efficient non-linear solver for load flow problems.	Dr. Ashfaque A. Hashmani Dr. Muhammad Mujtaba Shaikh	Final
05	Mr. Waleed Ahmed Memon 17 ME ELP 45	Design of Isolated Microgrid using Renewable Energy Resources with Energy Storage System via Homer Software. (A Case Study of a Thar community)	Dr. Mahesh Kumar Dr. Aamir Mahmood Soomro	Final
06	Ms Mahwish 20 ME ELP 01	Integration and performance investigation of multilevel inverter with half bridge and developed H bridge configurations	Dr. M. A. Mahar Dr. Sohail Khokhar	Initial
07	Mr. Manzoor Hussain K17SME ELP 01	Reliability, Assessment and Analysis of 132/11KV grid station SEPCO (khairpur)	Prof. Agha Zafarullah Pathan Engr. Irfan Bajkani	Final