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 04.02.2019 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.**
- **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.**
- **All honorable members of ASRB and PhD holder faculty members of IICT are invited for evaluation of the seminars.**

S. No	Name	Title	Supervisor/Co-Supervisor	Seminar
**04.02.2019 (Monday)**					
01	Ms. Bushra Shaikh B18 ME ESE 02	Design of Robust & Predictive Controller for Altitude Stabilization and Trajectory Tracking if a Quad-copter.	Dr. Arbab Nighat Dr. B. S Chowdhry	Initial
02	Ms. Fatima Zareen 17 ME ESE 27	Ceramic Waveguide Filters with Improved Stop Band Rejection.	Dr. Badar Muneer	Initial
03	Ameet Kumar 17 ME ESE 22	Economical Feasibility Analysis and Implementation of Dynamic Pricing in Pakistan's Power Sector.	Dr. Irfan A Halepoto	Initial
04	Ms. Monika 17 ME ESE 07	Modeling and field Oriented Control of Permanent Magnet Synchronous Motor using FPGA.	Dr. Farida Memon	Initial
05	Ms. Shadab Soomro 17 ME ESE 02	Computation investigation on electronically tunable monolayer two-dimensional (2-D) aluminum nitride systems.	Dr. Muhammad Rafique Dr. Farzana Abro	Initial
06	Ms. Muntaha Shah 17 ME ESE 23	Development of supply and network driven active demand side management strategies for residential sector.	Dr. Irfan A Halepoto	Initial
07	Ms. Mahke 17 ME ESE 09	Multi-level management and control strategies for active distribution network with variable DG penetration level.	Dr. Irfan A Halepoto	Initial
08	Ms. Sania 18 ME ESE 01	Multi-agent based load scheduling and management system in a residential micro grid using cooperative game theory.	Dr. Irfan A Halepoto	Initial
09	Ms. Sahrish Maqbool 17 ME ESE 06	Vehicle flow and speed estimation using heterogeneous platform ZYNQ	Dr. Tayab Din Memon Dr. B.S Choudhry	Final

S. No	Name	Title	Supervisor/Co-Supervisor	Seminar

07.02.2019 (Thursday)

S. No	Name	Title	Supervisor/Co-Supervisor	Seminar
1	Ms. Arsha Kumari 17 ME ESE 16	Real time hand written recognition	Engr. Din Muhammad Prof. Dr. B.S Choudhry	Final
2	Ms Sanam 18 ME ESE 10	Modeling & Scheduling Residential Building Load Demand And Price Elasticity Strategies In Trans active Energy System.	Dr. Irfan Ahmed Halepoto	Initial
3	Mr. Abdul Hai faiz 17 ME TLEM 02	WiFi Network audit of IT Faculty Mehran UET and User satisfaction survey.	Dr. Sajjad Ali Memon Dr. Nasrullah Pirzada	Initial
4	Mr. Aftab Ahmed 17 ME CSN 06	Smart re-utilization of the under-utilized spectrum and moving towards smart cellular communication by active & passive sharing of cellular Network in Pakistan.	Dr. Sajjad Ali Memon Engr. Syed Rizwan Ali Shah	Initial
5	Ms.NazishTunio 16 ME CSN 18	Manless scouting &detecting infected leaves using image processing techniques.	Dr. Abdul Latif Memon Dr. Faheemyar Khuhawar	Final
6	Ms Sadia Kulsoom B15 ME CSN 11	Internet of Things Based smart Garbage Collection System for Cities.	Dr. Faisal Karim Shaikh Dr Naeem Ahmed Mahoto	Final
7	Mr Abdul Razzaque B15 ME CSN 05	Traffic Analysis of MUET's Intranet.	Dr Faheem Yar Ms Nafeesa Bohra	Repeat Final
8	Ms. Anam 15F ME MECH 01	Design of an optimal controller for antenna azimuth position system.	Dr. M.A. Unar Dr. Farida Memon	Initial
9	Mr. Muhammad Arslan 18 ME MECH 14	Application and Analysis of Sutter Valves for Camless Engines.	Dr. Dur Muhammad Pathan Dr. Saifullah Samo	Initial
10	Mr. Shahroz Unar 18 ME MECH 09	Development of a Neural Network Based Thrusters Driven Ship.	Dr. Zubair A Memon Dr. Sanam Narejo	Initial

08.02.2019 (Friday)

S. No	Name	Title	Supervisor/Co-Supervisor	Seminar
1	Mr. Muzamil Hussain 16-14 ME CIE 06	An SVM Classifier based Algorithm for Detecting Malignant Melanoma Using Clinical Image	Dr. Noor-u-Zaman Laghari Dr. Shah Nawaz Talpur	Final
2	Ms. Sabeen Gul 16 ME CIE 27	Image Registration Model for Remote sensing images.	Dr. Sheeraz Memon Engr. Bushra Naz	Final
3	Abdul Qayyum 17 ME CIE 01	Early Detection of Low Insulin level (Type II diabetes)	Dr. Shahnawaz Talpur Dr. Moazzam Jawaid	Initial
4	Ms. Asma Inayat	Optimizing Active Contour Evolution for	Dr. Moazzam Jawaid	Initial

	17 ME CIE 26	Robust object segmentation in medical imagery.	Dr. Shahnawaz Talpur	
5	Ms Shabnam 17 ME CIE 03	Stenosis computation in coronary vasculature using radial prediction model.	Dr. Moazzam Jawaid Dr. Shahnawaz Talpur	Initial
6	Ms. Isha Zameer 18 ME IT 01	Short Term Prediction of Exchange Currency Rate using Neural Network	Dr. Shahnawaz Talput Dr. Sanam Narejo	Initial
7	Ms Mashal Afzal 18 ME CIE 09	Computer Assisted Detection of elbow deformation in digital x-rays	Dr. Moazzam Javed Dr. Shahnawaz Talpur	Initial
8	Ms. Maria 16 ME CIE 22	Shape based image retrieval using fused features.	Dr. Shahnawaz Talpur Dr. Nouman Qadeer Soomro	Final

11.02.2019 (Monday)

S. No	Name	Title	Supervisor/Co-Supervisor	Seminar
1	Ms. Nomia B15 ME MECH 01	Modelling and Simulation of Robotic Finger With Four Degrees of Freedom.	Dr. Tanweer Hussain Dr. Saifullah Samo	Final
2	Mr. Muhammad Aijaz 17 ME MECH 10	Speed control of Brushless Direct Current Motor using NARMA Level-2 Neuro Controller	Dr. Dur Muhammad Pathan	Initial
3	Mr. Dileep Kumar 17 ME MECH 06	IoT Based Condition monitoring of induction Motor.	Dr. Jawaid Daudpoto	Final
4	Mr. Aamir Shaikh 17 ME MECH 09	Design and Development of SMA Actuated Multi-pod. Initial: 13-04-2018	Dr. Jawaid Daudpoto	Final
5	Mr. Salman Ahmed Shaikh 18 ME MECH 06	Development of a Novel Shape Memory Alloy Actuated soft Griper.	Dr. Jawaid Daudpoto	Initial
6	Mr.Muhammad Sajid Khan 18 ME MECH 05	Development of piston type SMA Actuated Micro-pump for drug Delivery	Dr. Jawaid Daudpoto	Initial
7	Mr. Amir Ahmed Qazi 18 ME MECH 07	Comparison of Vibration Analysis Techniques for Induction Motor.	Dr. Jawaid Daudpoto	Initial
8	Ms. Mahira Sangi 17 ME MCH 12	Design of trajectory tracking controller of a hopping robot by using sliding mode control technique.	Dr. Saifullah Samo Dr. Dur Muhammad	Initial
9	Ms. Bakhtawar Kerio 17 ME MECH 21	Design and analysis of rescue robot with dual mode of locomotion (Walking and Wriggling).	Dr. Saifullah Samo Engr.Muhammad Sharif Jamali	Initial
10	Mr. Aisha Khan 17 ME MECH 15	Design and fabrication of Haptic Feedback glove for developing felt force. Req: A Set of photocopy	Dr. Saifullah Samo Engr. Muhammad Sharif Jamali	Initial

12.02.2019 (Tuesday)

S.No	Name	Title	Supervisor/Co-Supervisor	Seminar
01	Ms. Nazish	Developing A classification Model for	Dr. Naeem Mahoto	Final

	16 ME SE 08	Medical Data Analysis Initial Seminar: 16-04-2018		
02	Ms. Soonh Taj 18 ME SE 06	Product usability Evaluation : A Machine Learning Approach	Dr. Naeem A Mahoto Dr. Isma Farha Siddique	Initial
03	Ms. Sobia Iftikhar 18 ME SE 13	Evolvement of groundwater arsenic and health risk assessment prediction model via machine learning in Sindh, Pakistan	Dr. Sania Bhatti Dr. Mohsin Ali Memon	Initial
04	Ms. Nazia Pathan 18 ME SE 09	Restricting access of personal portable gadgets to third party users.	Dr. Mohsin Ali Memon Dr. Sania Bhatti	Initial
05	Ms. Sorath 17 ME SE 07	Semantic Web based Healthcare Data Management.	Dr. Isma Farah Dr. Qasim Ali	Initial
06	Ms. Komal Naz 17 ME SE 13	Predictive Analysis for Employee churn in software industry using exploratory analysis.	Dr. Isma Farah Dr. Qasim Ali	Initial
07	Ms. Uroosa 17 ME SE 04	NLP Based Service Recommendation Model	Dr. Isma Farah Dr. Qasim Ali	Initial
08	Ms. Maheen Gul 17 ME SE 15	Context- Aware system to locate objects using Google Awareness API.	Dr. Isma Farah Engr. Shafia Memon	Initial
09	Ms. Nasreen 17 ME SE 05	To design indoor localization based on crowdsourcing	Dr. Qasim Ali Arain Dr. Isma Farah Siddique	Initial
10	Ms. Wajiha Arif 16 ME SE 17	Document Clustering: An Approach for Feasible Demonstration.	Dr. Naeem Mahoto	Final
13.02.2019 (Wednesday)				
S. No	**Name**	**Title**	**Supervisor/Co-Supervisor**	**Seminar**
01	Mr. Farhan Ahmed 17 ME ELP 53	Voltage sag Mitigation through D-STATCOM in 11KV Distribution feeder of HESCO	Engr. Mansoor A Soomro	Initial
02	Mr. Mujahid Ali 17 ME ELP 34	Power Quality Improvement of Wind Power System based AC Micro grid using D-STATCOM	Engr. Mansoor A Soomro	Initial
03	Mr. Muhammad Samad Khan 15 ME ELP 28	Modeling of digital current mode controller for DC-DC Buck Converter.	Engr. Anwar Ahmed Memon	Final
04	Mr. Abdul Qayyom 18 ME ELP 16	Performance Investigation of six pulse rectifier with transformer Vector Grouse.	Dr. A. S Larik Dr. M.A. Mahar	Initial
05	Mr. Muhammad Osama 17 ME ELP 19	Achieving High Input Power Factor for DCM bunk Converter by Variable Duty Cycle Control.	Dr. Abdul Hakeem Memon Dr. Zubair A Memon	Initial
06	Mr. Shahbaz Ahmed 17 ME ELP 47	Efficiency improvement of radial feeder through optimized distributed Generation	Dr. Mahesh Kumar Dr. Zubair A. Memon	Initial

07	Mr. Faheem Shafeeque 17 ME ELP 46	Harmonic analysis of Multi-phase Controlled and Uncontrolled converters for HVDC System under Balanced and Unbalance condition.	Dr. Aamir Mahmood Soomro Dr. Anwar Ali Saheto	Final
08	Mr. Mustafa 17 ME ELP 44	Performance Improvement of buck converter with sliding mode controller.	Dr. Anwar Ali Saheto Dr. Aamir Mahmood Soomro	Final
09	Mr. Amad Ali Pathan 17 ME ELP 37	Design Of Multi- Pulse Converters For Power Quality Enhancement In HVDC Systems	Dr. Z.A. Memon Engr. Mahendar Kumar	Initial
10	Mr. Tarique Mushtaque 17 ME ELP 02	Performance of Induction Motor with Multilevel Inverter	Dr. M.A. Mahar Dr. A.S. Larik	Final

14.02.2019 (Thursday)

No	Name	Title	Supervisor/Co-Supervisor	Seminar
01	Mr. Manzoor Hussian 18 ME ELP 11	Optimal placement and sizing of distributed generations in radial distribution system by PSO Technique.	Dr. Mahesh Kumar Dr. Ashfaque Hussian	Initial
02	Mr. Shahzor Ahmed 18 ME ELP 28	Optimal placement of shunt capacitor in distribution system using particle SWARM optimization method.	Dr. Mahesh Kumar Dr. Aamir Mahmood	Initial
03	Mr. Shoaib 18 ME ELP 24	Sliding Mode Controller for voltage Regulation in DC Micro Gird	Dr. Amir Mahmood Soomro Dr. Anwar Ali Sahito	Initial
04	Mr. Tarique Niaz 18 ME ELP 30	Distribution Transformer Losses Reduction Design and Operation Aspects.	Dr. Anwar Ali Sahito Dr. Ali Asghar Memon	Initial
05	Ms. Ghulam Rubab 17 ME ELP 06	IoT Based Environmental monitoring and control System. Initial: 18-04-18	Dr. Mukhtiar A Mahar Dr. Abdul Sattar Larik	Final
06	Mr. Sheeraz Ahmed Shaikh 17 ME ELP 51	Achieving High Efficiency for DCM Boost Converter	Dr. Abdul Hakeem Memon Dr. Z. A. Memon	Initial
07	Mr. Mansoor Ali 18 ME ELP 06	Achieving High Efficiency for CRM Integrated Buck-Buck/Boost Converter	Dr. Abdul Hakeem Memon Dr. Z. A. Memon	Initial
08	Mr. Muhammad Ibrahim 17 ME ELP 35	Modeling and forecasting Long-Term Electricity Consumption in Pakistan using Multiple Linear Regression Analysis.	Dr. Faheemullah Shaikh Dr. Z. A Memon	Initial
09	Mr. Azam B15 ME ELP 07	Comparative analysis of PWM Based Control Strategies for boost Converter.	Dr. Aamir Mahmood Soomro Dr. Anwar Ali Sahito	Final

15.02.2019 (Friday)

S.No	Name	Title	Supervisor/Co-Supervisor	Seminar

01	Ms. Nosheen K16 ME ELP 06	Enhancement of Light Absorption in CZTS Film Solar Cell to increase its Power Generation Efficiency	Dr. Muhammad Rafique Naich Prof. Agha Zafarullah Pathan	Initial
02	Mr. Manzoor Hussain K17SME ELP 01	Reliability, Assessment and Analysis of 132/11KV grid station SEPCO	Prof. Agha Zafarullah Pathan Engr. Irfan Bajkani	Initial
03	Mr. Ghulam Mustafa K17S-ME ELP-11	An experimental Investigation and Control of Integrated Power System based on PV- Wind Energy	Dr. Mazhar Hussain Dr. Sajid Hussain Qazi	Initial
04	Mr. Jawed Ali Thaheem K17S-ME ELP-14	Computational Prospective on single layer two Dimensional Semiconductors to gain Electrical Conducting Characteristics	Dr. Muhammad Rafique Naich Engr. Irfan Bajkani	Initial
05	Mr. Rashid Hussain K17S-ME ELP-19	To design and enhance the Electric Vehicle charging station through green energy	Dr. Mazhar Hussain Dr. Sajid Hussain Qazi	Initial
06	Mr. Muzamil Faiz K17S-16 ME ELP 07	Multi- Criterion high Impedance (HiZ) Fault(s) Detection & Locator Design in medium voltage distribution system	Prof. Abdul Qadir Chang Prof. Agha Zafarullah Pathan	Initial

Director IICT