



NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF PHYSICS



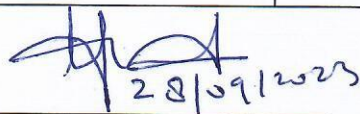
MS in Physics

Evaluation of First Semester Thesis

The evaluation of thesis first semester (presentation) will held on Tuesday 03-10-2023 at 02:15 PM in the Physics Computer Lab. All supervisors & co supervisors are requested to attend and guide the students accordingly. List of students is given below.

Sr. #	Name of Student	Title of Thesis	Supervisor	Co-Supervisor	Time
01	Muhammad Masood PH-225029 Batch 21-22	To Study the Radiation Shielding Properties of (bis (Hydrogenated Tallow Alkyl) Dimethyl Salt with Bentonite) for High Energy X-Rays.	Dr. Iqbal Tariq	Dr. Ali Dad Chandio	2:15 – 2:45
02	Syed Moin Uddin Shah PH-225018 Batch 21-22	Estimating the Feasibility of Talc Powder ($4SiO_2 \cdot 3MgO \cdot H_2O$) for its Use in Shielding 6mV Photons Used in Teletherapy Facility.	Dr. Iqbal Tariq	Dr. Ali Dad Chandio	
03	Muhammad Ismail PH-14 Batch 21-22	To Investigate the Feasibility of Using Porcelain as X-Ray Shielding Material.	Dr. Iqbal Tariq	Dr. Ali Dad Chandio	
04	Ibtisam Anjum PH-22B5012 Batch -22	Assessment of Occupational and Potentially Unwanted Radiation Exposure in Radiation Therapy	Dr. Roohi Zafar	Mr. Salman Farrukh	2:45 – 3:15
05	Hifza Waheed PH-22B5003 Batch -22	Monitoring of Radiation Doses from Patients Undergoing PET/CT Scan	Dr. Roohi Zafar	Mr. Mishkat Ali Jafri	
06	Zainab Fakhruddin PH-22B5015 Batch -22	Treatment Planning Comparison of Volumetric Modulated arc Therapy with the Trilogy and the Halcyon for Craniospinal Irradiation	Dr. Irfan Ahmed	Dr. Atif Masood	
07	Waseem Sajad PH-17 Batch 22-23	"Applying Machine Learning Techniques To Improve Accuracy of Identification of Predictors In Prognosis of Glioblastoma Patients In Pakistan"	Dr. Irfan Ahmed	Dr. S. Talib Abbas Jafri	3:15 - 3:45
08	Mustansir PH-225013 Batch 21-22	Prediction of High Energy Levels for Rydberg Atom Based on WBEPM Using Computational Methods.	Dr. Saba Javaid	Mr. Fayzan Ahmed	
09	Beenish Ahmed PH-22B5022 Batch 22-23	Estimation of Patient Radiation Doses Undergoing Common Diagnostic Radiological Procedures Using DAP and Other Measures	Dr. Mansoor Naqvi	Mr. Fayzan Ahmed	
10	Khalid Hussain PH-225008 Batch 21-22	Structural, Dielectric and Magnetic Properties of Aluminum (Ni-Co-Mn) Based Spinel Ferrites Material for Energy Storage Applications.	Mr. Junaid Kareem Khan	Dr. Muhammad Khalid	3:45 - 4:15
11	Faizan Shamim PH-22B5009 Batch -22	Synthesis and Characterizations of Praseodymium Doped (Ni-Mn-Co) Based Spinel Ferrite $Ni_{0.4}Mn_{0.2}Co_{0.4}Pr_xFe_{2-x}O_4$ Nanoparticles for High Frequency Device Application	Mr. Junaid Kareem Khan	Dr. Muhammad Khalid	
12	Abdul Rafay PH-22B5013 Batch -22	Fabrication and Characterization of Lanthanum Doped Nickel-Cobalt-Zinc based Spinel Ferrite ($Ni_{0.4}Co_{0.4}Zn_{0.2}La_xFe_{2-x}O_4$) Nanomaterial for Technological Applications.	Mr. Ghulam Mustafa	Dr. Muhammad Khalid	


Junaid Kareem Khan
PGC


28/09/2023
Dr. Irfan Ahmed
Chairman

Copy to:

1. All Concerned Supervisors & Co-Supervisors
2. All Concerned Students
3. Departmental Web Site