

All seminars doing in the Mechanical department

No.	Lecturer Names	Seminar Title	Date
1	M. Sardar Salih Abdulla	Axial Vibration Analysis of Nonlocal Bishop Nanoroad Embedded in a Viscoelastic Medium.	10.10.2023
2	M. Sardar Salih Abdulla	Nonlinear torsional vibration of viscosity rod embedded in viscoelastic medium	30.04.2024
3	Dr.Gawhar Ibraheem	Experimental and Finite Element Analysis for Structural Beam.	26.092023
4	Dr.Diyar Khalis Bilal	6 DOF Robotic Arm for Color Based Classification of Items in a Production line	17.10.2023
5	M. Shivan Jewdat	The Effectiveness of Thermal Insulation in Different Types of Buildings.	12.09.2023
6	Dr. Buland I.Dizayi	Quantitative Analysis for Green Hydrogen Production Rate by Solar - Electric Electrolysis of Water.	24.10.2023
7	Dr. Karim A. Ghafur	Experimental and Numerical Analysis of Brake Disc Modal Behaviour.	19.09.2023
8	Dr. Sherin Othman	Modal Anaysis of a Composite Laminated Plate Using Finite Element Analysis With Experimental Validations.	31.10.2023
9	Dr. Hawro K. Shakir	Mechanical Properties of Friction Welded Dissimilar Pipe Joints.	03.10.2023
10	Dr.Chalang H. Rashid	Analysis work bench for structural analysis	14.11.2023
11	Dr. Fakhir Aziz	Simulation of Shape Design of Automotive Crash Box.	24.10.2023
12	Dr. Fakhir Aziz	elimination	27.02.2024
13	Dr.Azhar Karim	thermal insulation for wall and roof in buildings home.	17.10.2023
14	Dr.Mohammedtahir Mohammed said	Improving weld ability of marterilas staniless steel	28.11.2023
15	Ms.Khatoon yaseen	study of the mechnaical properties of glass fiber reforced epoxy composite	07.05.2024
16	Dr. Ahmed Samir	Domestic Detergents effects on the Mechanical Characteristics of the drainage U-PVC Pipes.	03.10.2023
17	Dr. Ramadhan Husen	Effect of Environment on Mechanical Properties of 7075 FSSW Joints.	07.11.2023



18	Dr. Wael Ali	Finite Element Analysis of V-Shape Bending Process Using ANSYS Program.	26.09.2023
19	Dr. Wael Ali	study of failer analysis for structure using ANSYS workbench	20.02.2024
20	Dr. Rizgar B. Wali	Performance of Solar Water Heating System	26.09.2023
21	Dr. Sara Mohammed	Design of Mini Belt Grinder	10.10.2023
22	M. AbdulBasit Abdulqadir	Experimental Study on Surface Roughness in Water Jet Cutting.	07.11.2023
23	Mr.Mahdi akrem	Solar system performance in Erbil city	12.09.2023
24	Dr.shawnem rashed	step by setp process of recycling plastic	07.11.2023
25	Dr.safeen yassen	the effect of floor vibration on the steel srcturer	14.11.2023
26	Dr. Ramzi Rofael	The Effect of Ambient Temperature on the Performance of Gas Turbine Power Plant.	14.11.2023
27	Mr.Kawa abdulghani	CFD simulation based design of jet fan ventilation for underground car park	27.02.2024
28	Mr.Mahdi akrem	wind turbine types	21.11.2023
29	Mr.Mahdi akrem	solar collector types	23.04.2024
30	Dr. Karim A. Ghafur	Calculating of Pressure Head of Water Network by Using EPANET	
31	Dr.Diyar Khalis Bilal	Automated Vegetable Sorting Machine	23.04.2024
32	Dr. Ramzi Rufail	Performance characteristics of internal combustion engine	30.04.2024
33	Mr. Dilshad azad	Design of jack by soild work simulation	16.04.2024
34	Dr.Rizgar Bakr Wali	Assessment of flat plate water solar collector	23.04.2024
35	Dr.Ramadan Hussin Awla	Mechanical properties of Friction stir spot welded 7075 Aluminum alloy joint	07.05.2024
36	Dr.Hawro Khalil Shakir	Wear resistance of AISI 304 STAINLESS STEEL	02.04.2024
37	Dr.Mohammedtahir Mohammed said	Studying the affect of pre and post weld heat treatments on the weld ability of Carbon Steels plates	20.02.2024
38	Dr. Iyd Eqqab Maree	Design, Construction and Development of Solar Oven employed with Parabolic Concentrator	

39	Dr.Abdulqadir Ali	Design, manufacturing and assembly of smart parts by using additive manufacturing techniques	31.10.2024
40	Dr.Abdulqadir Ali	Design, manufacturing and assembly of smart part by using SLA Method Best regard	06.02.2024
41	Dr.Karim Abdulghafur	Re-design the water supply pipeline from Efrac water station to containers water located at north Erbil city by using EPANET software	13.02.2024
42	Dr.Chalang H. Rashid	Control of a conveyor process by implementing logo Siemens PLC	06.02.2024
43	Dr.Chalang H. Rashid	Car washing process by using Siemens plc ladder diagram S7 1200	21.11.2023
44	Dr.Azhar Karim	performance analysis of solar water heating system in Erbil climate conditions using POLYSUN software	12.03.2024
45	Dr. Gawhar Ibrahim	ANSYS work bench for structural analysis	14.05.2024
46	Dr. Gawhar Ibrahim	Effect of parameters on cutting quality for cutting porcelain by abrasive water jet cutting	02.04.2024
47	Dr.Sara Mohammed	Design of Kinetic Energy Harvesting from Human Footsteps	26.03.2024
48	Dr.Ahmed Samir	Correlating Milling Machine Parameters to Surface Roughness Change	26.03.2024
49	Dr.Diyar Khalis Bilal	AI applications in Manufacturing Industry	10.10.2023
50	Dr.Diyar Khalis Bilal	Machine Vision Applications in Manufacturing Industry	16.03.2023
51	Mr.Abdulbasit Abdulqadir	The effect of multi-pass friction stir processing on microstructure and mechanical properties of Aluminum alloy.	06.02.2024
52	Ms.Lanja Said	Design and Analysis of Spur Gear using ANSYS	14.05.2024
53	Ms.Lezan werya	the world is too much with us by willia-wfl	12.03.2024
54	Ms.Lezan werya	waiting for god by Samuel beckft	16.04.2024
55	Dr.shawnem rashed	advance application of nanomaterials	21.05.2024
56	Dr.safeen yassen	attitude control system for a three axis stabilzied satellite	21.05.2024
57	Dr.Azhar Kareem	Thermal insulation of Erbil bulidings	10.10.2023
58	Dr.Azhar Kareem	Heat losses through windows in erbil city	26.03.2024
59	Dr. Nyaz Taher azeez	Demand Side Management for Reducing Electricity Load in Erbil City by Adding Smart Switches.	14.05.2024





60	Dr. Nyaz Taher azeez	Energy Management Program for Households to Replace Electric Water Heaters with LPG Water Heaters.	14.05.2024
61	Dr. Ahmed Samir	The synergy of Wood metals in modern engineering.	10.10.2023
62	Dr. Ahmed Samir	Rose metals blooming innovations in material science	26.03.2024
63	Dr. Sara Mohammed	Dynmaic response of the craked nano-beams	05.09.2023
64	Dr. Sara Mohammed	Vibration analysis of the cracked nano-beams under moving load	05.09.2023
65	Dr. Sara Mohammed	Vibration analysis of the 3D-printed beams with cracks	10.09.2023
66	Dr. Rizgar B. Wali	simulation of Solar water heating system for domestic aoolications	05.09.2023
67	Dr. Rizgar B. Wali	assessment of the on-grid solar power system for electricity generation in Erbil	10.09.2023