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Final Year Projects (Session 2018)









Sr. #	Final Year Project Title:	Supervisor	Registration Number:	Student Name:	SDGs
1	Design and Modelling of Flash Freezing and Vacuum Freeze Drying System.	Dr. Rifiat Asim Pasha	18-ME-13	Ali Arshad	 
			18-ME-25	Muhammad Owais	
			18-ME-111	Muhammad Ahmad Zaib	
2	Design and Development of Portable Leak Detector For High Vacuum Systems.	Dr. Rifiat Asim Pasha	18-ME-04	Hunzala Ahmed	 
			18-ME-22	Muhammad Hamad	
			18-ME-55	Ahmer Farooq	
3	Design and Fabrication of Gravitational Water Vortex Turbine	Dr. Rifiat Asim Pasha	18-ME-18	Muhammad Yousaf Tariq	
			18-ME-36	Muhammad Ammar	
			18-ME-96	Muhammad Hassnain	
4	Design and Development of PCM Based Passive Air Cooling System: A Step Towards Energy Efficient Buildings	Dr. Muzaffar Ali	18-ME-03	Ayesha Rasheed Chaudhary	 
			18-ME-28	Muhammad Asif Ali	
			18-ME-49	Muhammad Junaid Rauf	
			18-ME-45	Ayesha Malik	
5	Design and Experimental analysis of multiple profiles of solar CPC for heating applications.	Dr. Muzaffar Ali	18-ME-42	Muhammad Mobashar	 
			18-ME-81	Muhammad Tanveer khan	
			18-ME-17	Ihtisham Ul Haq	
			18-ME-90	Waqar Hassan	





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6	Design And development Of Indirect Evaporative Air Cooler With Enhanced Water Footprint.	Dr. Muzaffar Ali	18-ME-59	Asad Ghulam Ali	 
			18-ME-2	Daniyal Mir	
			18-ME-86	Usman Javed	
			18-ME-50	Muhammad Hamza Qureshi	
7	Experimentation and Machine Learning of Solar assisted desiccant system using Artificial Intelligence	Dr. Muzaffar Ali	18-ME-136	Aymen Nadeem	 
			18-ME-146	Kashif Ali	
			18-ME-52	Meesam Ali	
			18-ME-115	Areeba Shehzil	
8	Design and Experimental investigation of Forced and Thermosiphoning Heat Transfer Through Nano Fluids in Compound Parabolic Collector.	Dr. Muzaffar Ali	18-ME-37	Muhammad Taimoor Jahangir	 
			18-ME-47	M. Arbaz Mughal	
			18-ME-65	Muhammad Irfan	
			18-ME-70	Muhammad Hassan Haider	
9	Design and Development of extrusion machine for different PVC based components	Dr. Muhammad Ali Nasir	18-ME-33	Usama Jamil	 
			18-ME-48	Muhammad Ali Farooq	
			18-ME-104	Farhan Wajahat Khan	
			18-ME-19	Muhammad Usama	

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10	Development and Usage of Electromagnetic Braking System for Automobile Applications	Dr. Mubashir Gultzar	18-ME-5	Noor Ul Eeman	 
			18-ME-44	Mahnoor Fatima Munir	
			18-ME-10	Muhammad Raffay	
			18-ME-94	Rafay Sabeh	
11	Design of safe rotary furnace for non-ferrous metals	Engr. Zahid Suleman Butt	18-ME-120	Malik Muhammad Taimoor	 
			18-ME-66	Safdar Abbas	
			18-ME-34	Farrukh Shahzad	
			18-ME-61	Shazil Shamim	
12	Design and Simulation of Gravitational Flow Turbine	Engr. Zahid Suleman Butt	18-ME-51	Muhammad Sohalb	
			18-ME-54	Muhammad Umar	
			18-ME-84	Usman Liequat	
			18-ME-126	Arslan Shabbir	
13	Fabrication of Mechanical Insufflation Exsufflation Device	Engr. Zahid Suleman Butt	18-ME-134	Mi Hamza Nadeem	
			18-ME-141	Muhammad Hussnain Zafar	
			18-ME-102	Ikram Majeed	
			18-ME-129	Shahzeb Ali	
14	Design and Fabrication of helical savonius Vertical Axis Wind Turbine	Engr. Zahid Suleman Butt	18-ME-41	Raja Afraslab Khan	
			18-ME-123	Muhammad Usama	
			18-ME-145	Zohaib Nishad	
			18-ME-39	Muhammad Bilal	
15	Design and Fabrication of Low Head Kaplan Turbine	Engr. Zahid Suleman Butt	18-ME-46	Asad Ali	
			18-ME-125	Tanveer Ahmed	
			18-ME-135	Syed Ahsan Shah	
			18-ME-138	Muhammad Umer	

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16	Design and Development of CNC Drawing Machine	Dr. Tanzeel-ur-Rashid	18-ME-116	Asad Rasool	
			18-ME-92	Jamshaid Ali	
			18-ME-119	Imran Khan	
			18-ME-110	Muhammad Abdul Qudoos	
17	Prototype of Electromagnetic Braking System	Dr. Waqar Ahmad Qureshi	18-ME-87	Zain Akram	
			18-ME-53	M.Fazeel Iqbal	
			18R-17-ME-23	Ameer Hamza	
			18-ME-35	Muhammad Hamza Ijaz Butt	
18	Characterization and Analysis of Shape Memory Alloys With Composites	Dr. Waqar Ahmad Qureshi	18-ME-9	Muhammad Hassan Jamil	
			18-ME-72	Anas Afzal Mirza	
			18-ME-93	Talha Rizwan	
			18-ME-24	Muhammad Uzair	
19	Design and Adaptation of Universal Milling Machine into CNC	Dr. Waqar Ahmad Qureshi	18-ME-105	Talha Arif	
			18-ME-147	Abdul Haseeb	
			18-ME-27	Umar Sohail	
			18-ME-69	Muhammad Waqas	
20	Modelling, Simulation and Design of flying Hoverboard	Dr. Waqar Ahmad Qureshi	18-ME-122	Hafiz Muhammad Saif Ullah	
			18-ME-144	Beenish Yasmeen	
			18-ME-143	Rana Muhammad Umer Bilal	
			18-ME-7	Tayyaba Rashid	

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21	Design and fabrication of Low Cost Mechanical Ventilator	Dr. Abid Hussain	18-ME-20	Muhammad Faisal Akhtar	
			18-ME-98	Muhammad Asif	
			18-ME-149	Irfan Khan	
22	Experimental analysis of Nano enhanced phase change material with different configuration of heat sink.	Dr. Abid Hussain	18-ME-95	Rana Mudassir	
			18-ME-21	Muhammad Talha	
			18-ME-74	Muhammad Umar Qadeer	
			18-ME-101	Rao Abdur Rafay	
			18-ME-06	Laiba Waheed	
23	Thermal Charging and Discharging of PCM Based heat storage device.	Dr. Abid Hussain	18-ME-57	Muhammad Talha Javed	
			18-ME-114	Hassan Khalid	
			18-ME-118	Shumail Siddique	
24	Electricity Production using Wind Generated by Road Transportation	Dr. Abid Hussain	18-ME-71	Mubashir Inam	
			18-ME-80	Zain Ahmad	
			18-ME-38	Jahan Zaib	
			18-ME-83	Muhammad Saqib Khan	
25	Modeling and fabrication of a Low cost Abrasive Jet Machine	Dr. Abid Hussain	18-ME-67	Nouman Shakeel	
			18-ME-62	Iqra Batool	
			18-ME-64	Sana Shakeel	
			18-ME-142	Tayyaba Noor	
26	Design and analyze Al-Bronze Bushes Through Centrifugal Casting For better mechanical properties	Dr. Aneela Wakeel	18-ME-73	Haseeb Sardar	
			18-ME-16	Waleed Abdullah Tarar	
			18-ME-97	Maaz Rehan	
			18-ME-58	Muhammad Uzair Afzal	

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27	Design of Microjet Compressor	Dr. Azhar Hussain	18-ME-88	Muhammad Anas Ali	
			18-ME-85	Hannan Shoukat	
			18-ME-117	Muhammad Ahmad	
			18-ME-1	Mahnood Masood	
28	Thermal Analysis of Combustion Chamber Performance of SI Engine at different velocities of Fluids using CFD	Dr. Azhar Hussain	18-ME-100	Talha Adeel	 
			18-ME-89	Mubashir Sultan	
			18-ME-133	Muhammad Azeem Sheikh	
			18-ME-63	Fahad Mehmood	
29	Reliable Engine Test Bed For Diagnostic and Analysis	Dr. Azhar Hussain	18-ME-08	Muhammad Ehsan Ali	 
			18-ME-23	Muhammad Abdul Ahad Aziz	
			18-ME-14	Muhammad Bilal	
			18-ME-103	Muhammad Abdullah	
30	Night Driving Anti-Glare System	Dr. Azhar Hussain	18-ME-82	Zeeshan Ahmad	
			18-ME-108	Muhammad Naveed	
			18-ME-78	Muhammad Usama Tanveer	
31	Design of Jet Suit	Dr. Azhar Hussain	18-ME-56	Muhammad Kamran	
			18-ME-139	Aamir Anwar	
			18-ME-32	Muhammad Uzair Maqsood	
			18-ME-121	Meezan Ull Islam Sherazi	
32	Automatic Self Cleaning Mechanism For Standalone micro PV System	Engr. M. Ebrahim Khalid	18-ME-79	Shafiq Ur Rehman	
			18-ME-12	Zahid Nawaz	
			18-ME-148	Sheikh Ehsan Iqbal	
			18-ME-76	Muhammad Rehan Amin	

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33	design and fabrication of pedal system to convert Mechanical work to Electrical Energy	Engr. Muhammad Noman Khan	18-ME-109	Faisal Hayat	
			18-ME-43	Habib Ur Rehman	
			18-ME-91	Mubashir Mustafa	
34	Performance Enhancement of Fuel Injector Valve of Four Stroke Diesel Engine	Engr. Muhammad Noman Khan	18-ME-68	Husna Javed	 
			18-ME-31	Alishba Minahil	
			18-ME-113	Hamza Yousaf	
			18-ME-11	Atta Ur Rehman Zafar	
			18-ME-106	Muhammad Ahmad	
35	Design and Fabrication of Incinerator	Engr. Muhammad Noman Khan	18-ME-112	Muhammad Awais Ashiq	
			18-ME-130	Zulqarnain Mehmood	