

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI
DEPARTMENT OF MECHANICAL ENGINEERING

Subject: Project Advisors assigned for FYP for Batch 2018

S.N O	GR #	NAME	ROLL NO.	PROJECT TITLE	PROJECT ADVISOR
1	1	Muhammad Fasih Alam	ME-18077	Utilization of Domestic Waste to Energy/Steam directly and via Refuse Derived Fuel (RDF) to fulfill Industrial demand (Engro)	Prof. Dr. Mubashir Ali Siddiqui/Mr. Hassan Alam
2		Muhammad Usman Aslam	ME-18095		
3		Muhammad Sadiq-ul-Islam	ME-18072		
4		Salman Ahmed Abbasi	ME-18091		
5	2	Mussaid Ali	ME-18134	Development of Hybrid Renewable Energy Based Solutions using Wind, Solar and Batteries for Sustainable Power Generation and Transmission Capabilty of Congested Networks (Engro)	Prof. Dr. Mubashir Ali Siddiqui/Mr. Ahsan Ahmed
6		Zunair Noor	ME-18088		
7		Ahsan Shakeel	ME-18087		
8		Syed Bakhtiar Ahmed	ME-18104		
9	3	Hafiz Ali Ahmed Vohra	ME-18017	To study and design the system to conserve the utility consumption (natural gas) of the Grid Casting Shop of Atlas Battery Limited supported by heat transfer calculations and simulations.	Dr. Ehtisham-ul-Haque
10		Muhammad Wajahat	ME-18013		
11		Hemal Ul Haq Farooqui	ME-18018		
12		Zeeshan Akhtar	ME-18167		
13	4	Murtaza Abbas	ME-18098	Design of Hydraulic Work Platform capable of working on 70ft height with 1000kg weight. (MAPAK Edible Oils Pvt Ltd)	Ms. Erum Khan
14		Muhammad Owais	ME-18097		
15		Muhammad Anas Tayyab	ME-18079		
16		Talha Hassan	ME-18058		
17	5	Hammad Ali Khan	ME-18016	Design and Fabrication of Active Atmospheric Water Generation System via Cooling-condensation Cycle with Parametric Optimization	Prof. Dr. Mubashir Ali Siddiqui/Mr. Anique Azam
18		Anus Ali khan	ME-18044		
19		Behroz Farooq	ME-18047		
20		Muhammad Maaz	ME-18034		
21	6	Abdur Rafay Sajid Chandna	ME-18065	Development of Solar Based Refrigerator	Dr. Muhammad Uzair
22		Muhammad Ali Azhar	ME-18100		
23		Hammas Amir	ME-18063		
24		Syed Saad Anwer	ME-18056		
25	7	Urooba Nasir	ME-18020	DESIGN OF HVAC SYSTEM for a multistory building with energy analysis and BIM.	Dr. Ehtisham-ul-Haque/Mr. Arshad Siddiqui
26		Asra Baig	ME-18019		
27		Syed Hammad Ali	ME-18011		
28		Ahreema Waseem	ME-18008		
29	8	Zayan Nadeem Khan	ME-18089	The development and production of dye-sensitized solar modules.	Dr. Ehtisham-ul-Haque
30		Syed Shahzaib Raza Zaidi	ME-18092		
31		Syed Joan Ali Kazmi	ME-18145		
32		Muhammad Zaryab Mehdi	ME-18138		
33	9	Aneeq Ehrar Siddiqui	ME-18140	Design of a Multistage Flash Desalination Plant	Dr. Muhammad Shakaib/Mr. Hassan Alam
34		Abdullah Bin Afzal	ME-18132		
35		Syed Muhammad Abbas Raza Rizvi	ME-18136		

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI
DEPARTMENT OF MECHANICAL ENGINEERING

36		Abdus Sami	ME-18146		
37	10	Syed Anas Ali	ME-18036	Experimental and numerical study of performance enhancement of Parabolic trough system	Dr. Muhammad Uzair
38		Mustaqeem Nabi	ME-18021		
39		Muhammad Tayyab Hussain	ME-18039		
40		Sharim Mehboob Ali	ME-18050		
41	11	Muhammad Ukasha Siddiqi	ME-18075	Design of vertical lift of 20 TPH for Oil Seeds. (MAPAK Edible Oils Pvt Ltd)	Ms. Erum Khan
42		Talha Waseem	ME-18083		
43		Syed Talha Shamim	ME-18076		
44		Mohammad Muzammil	ME-18066		
45	12	Syed Muhammad Qasim Zaidi	ME-18009	Design and Fabrication of Hydro Panels	Dr. Muhammad Uzair
46		Sameer Malik	ME-18037		
47		Haseeb Abid	ME-18014		
48		Syed Kazim Ali Zaidi	ME-18042		
49	13	Muhammd Rizwan Abdullah	ME-18031	Design and Fabrication of gas fired 5-ton Absorption Chiller	Mr. Shaukat Ali Sheikh/Mr. Anique Azam
50		Muzammil Aslam	ME-18040		
51		Muhammad Kamran	ME-18025		
52		Naveed Ahmed	ME-18015		
53	14	Muhammad Hassan Siddiqui	ME-18139	Design and Feasibility study of the Solar Powered Carport for University Campus parking.	Mr. Talha bin Nadeem
54		Muhammad Shahrukh Bin Zaid	ME-18142		
55		Ghulam Muhammad Afzal Biabani	ME-18147		
56		Muhammad Hassan Siddiqui	ME-18150		
57	15	Wanya Shoukat	ME-18007	Waste Tire Pyrolysis Recycling: Recycling of Scrap Tires to Oil and Carbon Black by Vacuum Pyrolysis (General Tyre)	Dr. Ehtisham-ul-Haque
58		Hiba Shaheen Raza	ME-18024		
59		Moazzama Aziz	ME-18023		
60		Muhammad Uzair Siddiqui	ME-18001		
61	16	Muhammad Burhan	ME-18195	Design of a Burner for 660 MW Coal Fired Powerplant (KEPCO)	Prof. Dr. Mubashir Ali Siddiqui/Dr. Ahmed Raza
62		Muhammad Zaid Ahmed	ME-18198		
63		Muhammad Ahmed	ME-18192		
64		Muhammad Shoaib Ul Wahab	ME-18189		
65	17	Talha Shafique Shahid	ME-18207	Reducing energy consumption of refrigerator compressor using nano particles.	Dr. Ehtisham-ul-Haque/Mr. Kashif Azher
66		Syed Muhammad Taha Nasir	ME-18202		
67		Farjad Siddiqui	ME-18205		
68		Muhammad Hassan Khalid	ME-18213		
69	18	Shamrose Khan	ME-18302	Fabrication and Installation of 1 KW Hydal River Turbine at Northern Areas of Pakistan	Mr. Muhammad Muzammil Ejaz
70		Muhammad Anas Altaf	ME-18217		
71		Syed Mansoor Ahmed	ME-18239		
72		Ahmed Mujtaba	ME-18232		
73	19	Muhammad Mubashir	ME-18043	Design and Fabrication of a Small scale Garbage Energy Generator.	Ms. Amber Fishan Zafar
74		Ahsan Murtaza	ME-18004		

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI
DEPARTMENT OF MECHANICAL ENGINEERING

75		Abdul Majid	ME-18030		
76		Yasir Parvez Memon	ME-18003		
77	20	Afnan Ahmed	ME-18035	Energy Management for Energy Efficient / Green Buildings using Renewable and Sustainable Sources.	Prof. Dr. Mubashir Ali Siddiqui/Mr. Shaukat Ali Sheikh
78		Syed Mohammad Hasan Ahmed	ME-18010		
79		Syed Maarj Shoaib	ME-18038		
80		Shaheryar Shahid	ME-18022		
81	21	Muzzammil Saleem	ME-18199	Water system designing and modification for manufacturing company (Midas Safety)	Ms. Hafiza Sumaiya Mohsin
82		Taham Sheikh	ME-18194		
83		Shahmeer Sajid	ME-18200		
84		Muhammad Fahad Nadeem	ME-18188		
85	22	Syed Abdul Moiz Haider	ME-18156	Synthesis and optimization of nano-coatings used in Energy Efficient Windows	Dr. Maaz Akhter
86		Mohammad Zain Ul Abideen	ME-18160		
87		Muhammad Ali Faisal	ME-18152		
88		Ammar Siddiqui	ME-18168		
89	23	Muhammad Asfand Safeer	ME-18218	Design and Fabrication of Thin Film Vibration Testing Machine.	Prof Dr. Syed Muhammad Murtaza Mehdi
90		Haider Ali	ME-18231		
91		Anas Bin Asim	ME-18228		
92		Mujeeb Ul Rahman	ME-18235		
93	24	Muhammad Haris Habib	ME-18080	Development of prototype of geothermal air conditioning unit	Dr. Muhammad Uzair
94		Muhmammad Hamza Khan	ME-18086		
95		Hammad Ali Siddiqui	ME-18069		
96		Syed Muhammad Ali Zaidi	ME-18081		
97	25	Arham Ali	ME-18135	Design of a Vertical Wall Climber for above ground steel storage tanks. (MAPAK Edible Oils Pvt Ltd)	Ms. Erum Khan
98		Owais Jawaid	ME-18166		
99		Abdul Basit	ME-18161		
100		Huzaifa	ME-18164		
101	26	Hafiz Muhammad Zunair Farooqui	ME-18219	Design of the Central Airconditioning System of a Multi Storied Pharmaceutical Building for Non-Aseptic Solid and Liquid products with GMP Compliance.	Dr. Ehtisham-ul-Haque/Mr. Umaid Ghouri
102		Ali Hamid	ME-18208		
103		Muhammad Ahmed Raza Khalid	ME-18215		
104		Hafiz Muhammad Zulqarnain	ME-18201		
105	27	Fahad Sadiq	ME-18074	Analytical and Numerical Analysis of Air Flow characteristics in HVAC Duct with selection of diffusers and air balancing.	Dr. Ehtisham-ul-Haque/Mr. Duraid Uddin
106		Sukhan	ME-18084		
107		Muhammad Raafay Mahmood	ME-18057		
108		Takmeel Hyder	ME-18062		
109	28	Syed Muhammad Haider Raza	ME-18143	Thermal performance parameters estimation of the solar cooker by using artificial neural network.	Mr.Syed Aun Ali
110		Muhammad Aliyan Mujahid	ME-18155		
111		Muhammad Shujaat Hussain	ME-18223		
112		Naqi Abbas	ME-18163		
113	29	Muhammad Anas Siddiqui	ME-18151	Design and Fabrication of Vertical Axis	Ms. Amber Fishan

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI
DEPARTMENT OF MECHANICAL ENGINEERING

114		Ahsan Raza	ME-18154	Wind Turbine VAWT.	Zafar
115		Muhammad Abdullah Nadeem	ME-18157		
116		Abdullah	ME-18226		
117	30	Azfar Imam	ME-18187	Design and Fabrication of 15 TN Cooling Tower (ABC Technology)	Ms. Bushra Fatima/Mr.Sohail Hasnain
118		Muhammad Qasim Siddiqui	ME-18173		
119		Syed Hussain Bin Saeed	ME-18197		
120		Muhammad Anas Zahid	ME-18182		
121	31	Muhammad Bari	ME-18078	Synthesis and Mechanical Characterizations of Copper Indium Gallium Diselenide (CIGS) nanostructured thin films for Stretchable and Flexible Solar Cell Applications.	Prof Dr. Syed Muhammad Murtaza Mehdi
122		Muhammad Usman Ahzam	ME-18096		
123		Hassaan Muhammad Khalil	ME-18054		
124		Muhammad Taha Syed	ME-18055		
125	32	Syed Rameez Manzoor	ME-18216	Design and Fabrication of a Small Scale Urban Air Purification Tower	Mr. Mirza Hammad Baig/Dr. Ahmed Raza
126		Muhammad Duraid	ME-18243		
127		Hamza Ahmed Khan	ME-18251		
128		Muhammad Nafay Manzar	ME-18225		
129	33	Affan Ahmed Khan	ME-18144	FEA analysis of Human knee joint.	Mr. Hassaan Liaquat/Mr. Osama Anis
130		Syed Ahmer Iqbal	ME-18141		
131		Syed Musab Ahmed	ME-18137		
132		Immad Uddin	ME-18148		
133	34	Muhammad Hissam Rehan	ME-18165	Energy Efficiency and Energy Conservation of Residential Unit	Mr. Adeel Ahmed Khan/Mr. Shehroze Tahir Khan
134		Fahad Hussain Keryo	ME-18210		
135		Shaikh Muhammad Usama Feroz	ME-18162		
136		Ahad Mobin Akhter	ME-18170		
137	35	Tabish Mustafa	ME-18041	Synthesis and optimization of mechanical behavior of polymeric composite material strengthened using nanoparticles	Dr. Maaz Akhter
138		Muhammad Hasan	ME-18026		
139		Usama Qurban	ME-18028		
140		Hafiz Syed Umer Bin Masood	ME-18012		
141	36	Fida Hussain Abbas Rao	ME-18064	Non-Contact vision sensor for low frequency measurement	Ms. Hafiza Sumaiya Mohsin
142		Muhammad Khuzaima	ME-18094		
143		Syed Ammar Hasan	ME-18052		
144		Muhammad Maaz Hijazi	ME-18053		
145	37	Mir Muhib Hussain	ME-18113	Design and Development of 3-1 E-Axle for Electric Vehicle.	Dr. Usman Allaudin
146		Monis Hasan	ME-18176		
147		Hassan Jawaid Soomro	ME-18117		
148		Muhammad Hamza Khalid	ME-18116		
149	38	Muhammad Wasil	ME-18051	Static and Dynamic Analysis of Electric Vehicle Chassis using Computer Simulations	Prof Dr. Syed Muhammad Murtaza Mehdi / Dr. Usman Allaudin
150		Muhammad Babar	ME-18099		
151		Muhammad Anshaal	ME-18212		
152		Uzair Jamil	ME-18214		
153	39	Wassam Uddin	ME-18220	Techno-economic analysis for the	Mr.Syed

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI
DEPARTMENT OF MECHANICAL ENGINEERING

154		Syed Muhammad Saadullah	ME-18203	electrification of vehicles in Pakistan.	Muhammad Asad Akhter
155		Muhammad Omar Farooq	ME-18241		
156		Muhammad Zaviyar Abbas Noori	ME-18234		
157	40	Muhammad Younus Khan	ME-18310	Design and Analysis of Crankshaft of Four Cylinder Petrol Engine.	Mr. Osama Anis/ Mr. Hassaan Liaquat
158		Ovais Ali	ME-18309		
159		Muhammad Abdullah	ME-18006		
160		Ali Haider	ME-18307		
161	41	Syed Muhammed Jari Naqvi	ME-18196	Design an HVAC-AHU system and propose strategies to minimize energy usage of the systems	Ms. Ifrah Asif/Mr. Umaid Ghouri
162		Syed Ahmed Ghazzal	ME-18185		
163		Syed Taha Hussain	ME-18060		
164		Vissam Ahmed Siddiqui	ME-18180		
165	42	Umer Noman	ME-18046	Design and Fabricate Cooling System for a Car parked under sun.	Mr. Muhammad Siddique
166		Muhammad Ahsan Afaq	ME-18211		
167		Syed Saad ahmed	ME-18209		
168		Hamza Ahmed	ME-18029		
169	43	Maaz Bin Tajammul Chishti	ME-18247	Design and Fabrication of Gearless Transmission Using Elbow Mechanism	Mr Kashif Azher
170		Jawad Khan	ME-18252		
171		Mustafa Shahid	ME-18230		
172		Syed Hassaan Ul Qadri	ME-18249		
173	44	Muhammad Ahsan	ME-18045	Investigation of melting and solidification processes of phase change materials (PCM) for solar thermal energy technologies.	Mr.Syed Aun Ali
174		Umer Ahmed Siddiqui	ME-18049		
175		Syed Bilal Hassan	ME-18093		
176		Shehan bin Ashraf	ME-18048		
177	45	Sheikh Fahad Ahmed	ME-18124	Feasibility study of a Hybrid Distributed Generation system for the electrification of residential neighbourhood in Karachi.	Mr. Talha bin Nadeem/Mr. Hassan Alam
178		Muhammad Saad Jamali	ME-18108		
179		Muhammad Ahmed	ME-18112		
180		Ghufran Ullah	ME-18105		
181	46	Syed Muhammad Abbas	ME-18082	Implementation of Six Sigma Methodology to reduce rework rate in manufacturing of G-1.6 Domestic Gas Meters.	Ms. Ifrah Asif
182		Muhammad Ali Arshad	ME-18059		
183		Hammad Haroon Memon	ME-18061		
184		Syed Shabbir Rehman	ME-18068		
185	47	Syed Muhammad Insaramuddin	ME-18206	Geothermal Cooling Assessment in Karachi through model vapour compression water cooled A/C	Mr. Muhammad Muzammil Ejaz
186		Mirza Taha Baig	ME-18306		
187		Syed Muhammad Kawish	ME-18103		
188		Hafiz Syed Usman	ME-18308		
189	48	Muhammad Nabeel Nadir	ME-18177	Design and Analysis of a truck chassis	Mr. Imran Sikander
190		Imran Aziz	ME-18174		
191		Ali Tanveer Malik	ME-18175		
192		Muhammad Hasan Bin Asif	ME-18178		
193	49	Faizan Ahmed	ME-18301	Thermal Analysis of a Large Scale	Mr. Kashif Noor

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI
DEPARTMENT OF MECHANICAL ENGINEERING

194		Basham Ahmed Baloch	ME-18316	Industrial Process- Hot Rolling Mill	
195		Syed Muhammad Miqdad Mohsin	ME-18315		
196		Syed Farjad Askari Zaidi	ME-18314		
197	50	Areeb Aijaz	ME-18149	Computational analysis of flow fields around flanged diffusers	Mr. Bilal Ahmed
198		Imdad Ali	ME-18130		
199		Muhammad Ammar Khan	ME-18172		
200		Asadullah	ME-18131		
201	51	Mohiuddin Ahmed	ME-18101	To design a mechanism that could extract energy from Speed Brakers.	Mr. Abdul Mujeeb
202		Muhammad Asim	ME-18102		
203		Syed Muhammad Mehdi Rizvi	ME-18122		
204		Muhammad Yahya Tariq	ME-18115		
205	52	Sayed Naqeeb Hussain	ME-18127	Techno-economic analysis of Rooftop Grid Tied PV System under Pakistan's feed-in tariff (FIT) scheme using HOMER.	Mr. Talha bin Nadeem
206		Muhammad Zain Baloch	ME-18106		
207		Zain Ul Mustafa	ME-18110		
208		Muhammad Afnan	ME-18126		
209	53	Umer Khan	ME-18193	Design a Solar Water Desalinator and Purifier Machine.	Mr. Muhammad Azam
210		Syed Arsalan Akhter	ME-18190		
211		Aatif Hussain	ME-18191		
212		Syed Abdul Sami	ME-18179		
213	54	Muhammad Areeb Hashmi	ME-18158	Performance analysis of Multi-Effects Evaporation--Mechanical Vapour Compression Desalination Process	Dr. Muhammad Shakaib
214		Muhammad Mustafa	ME-18237		
215		Hammad khan	ME-18171		
216		Muhammad Kashan Akhter	ME-18002		
217	55	Hassan Ali	ME-18227	Modelling, Analysis and Fabrication of Portable Solar Photovoltaic system.	Mr. Ahsan Ahmed
218		Hassan Rasool	ME-18246		
219		Faaiz Ausaf Alavi	ME-18238		
220		Musab Salim Khan	ME-18240		
221	56	Shaheer Ali Mir	ME-18114	Technical and Economic Analysis of Solar integrated Organic Rankine Cycle.	Mr. Syed Muhammad Asad Akhter
222		Muhammad Anas Khan	ME-18109		
223		Hasan Masroor	ME-18107		
224		Muhammad Hassan Shahid	ME-18128		
225	57	Areeb Tahseen Siddiqui	ME-18153	Design and fabrication of a foldable sports bicycle with lightweight materials.	Mr. Imran Sikander
226		Hasnain Lodhi	ME-18159		
227		Muhammad Farhan Siddiqui	ME-18169		
228		-	-		
229	58	Zain ul Abideen Imran	ME-18073	Study Electrical and Mechanical characterization of available peizo electric materials.	Mr. Abdul Qadir
230		Abdul Salam Lakhari	ME-18070		
231		Syed Danial Shakeel	ME-18204		
232		Muhammed Usama Memon	ME-18071		
233	59	Fawad Tariq	ME-18248	Design and Fabricate a Fire Fighting Robot	Mr. Zain Shahid

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY KARACHI
DEPARTMENT OF MECHANICAL ENGINEERING

234		Muhammad Mudassir Yaseen	ME-18242		
235		Sabir Aslam	ME-18255		
236		Feroz Khan	ME-18304		
237	60	Muhammad Ibtisam	ME-18222	Perform an energy audit of the main auditorium of NEDUET.	Mr. Saqib Sharif
238		Muhammad Areeb Khan	ME-18257		
239		Muhammad Bilal Sheikh Ashrafi	ME-18224		
240		Syed Muhammad Asad Raza	ME-18245		
241	61	Atif Naeem	ME-18125	Design of Tidal Power Plant.	Ms. Amber Fishan Zafar
242		Muhammad Shahzaib Khan	ME-18129		
243		Zain Zahid Fazal	ME-18120		
244		Muhammad Taha Khan	ME-18118		
245	62	Shamshair Ali Shaikh	ME-18033	CFD Analysis of Serrated Airfoil	Mr. Shaukat Ali Sheikh/Dr. Ahmed Raza
246		Syed Areeb	ME-18032		
247		Humayun Khalid	ME-18303		
248		Qazi Muhammed Fayyaz	ME-18005		
249	63	Aadarsh Kumar	ME-18253	Design of Agricultural pesticide sprayer and COVID Sanitization Drone	Mr. Muhammad Azam
250		Muhammad Tahir	ME-18254		
251		Adnan Baig	ME-18229		
252		Mohammad Wahab-Ul-Haque	ME-18256		
253	64	Adnan Hameed	ME-18183	Heat transfer and Air conditioning analysis inside car cabin to maintain comfort conditions.	Mr. Abdul Ghafar
254		Wasay Ahmed	ME-18186		
255		Anss Rana	ME-18119		
256		Pawan Kumar	ME-18111		
261	65	Usman Akram	ME-17315	Design a Social Distancing and Mask Monitor Drone for COVID Prevention.	Mr. Muhammad Azam
262		Muhammad Hasan Arshad	ME-18311		
263		Muhammad Uzair Rafi	ME- 18312		
264		Yazdaan Noor	ME-18305		