



Department of Mechanical Engineering

Final Year Projects (Session 2016)



Following is the list of FYP 2016 session. Please make sure that entry of you and your group is evident. In case of any discrepancy/missing, please contact Director FYP.

Sr. #	Final Year Project Title:	Supervisor	Student Name:	Registration Number:
1	Efficiency Improvement of Parabolic Trough	Dr. Riffat Asim Pasha	Awais Rafi	16-ME-09
			Mohammad Muneeb Rasheed	16-ME-33
			Muhammad Ali	16-ME-42
			Ahmed Saif	16-ME-113
			Rana Umer Ahmad Khan	16-ME-16
2	Design of Smart Vehicle to Ride Safe on Landscapes	Dr. Muhammad Shahid Khalil	Habeeba Azeem	16-ME-14
			Hafiz Ahmad Bilal Aslam	16-ME-122
			Usama Ali	16-ME-115
			Lareb Suhail	16-ME-27
3	Combustion of hybrid fuels in IC Engine	Dr. Muhammad Shahid Khalil	Muhammad Ahsan Raza	16-ME-25
			Muhammad Adeel Altaf	16-ME-29
			Muhammed Qasim Khan	16-ME-133
			Tahir Muneer	16-ME-04
4	Extremely Stretchable, biocompatible, healable strain sensor based Double Networked Smart Hydrogel for Human Motion Detection.	Dr. Muhammad Ali Nasir	Muzammil Tahir	16-ME-31
			Tooba Ashfaq	16-ME-08
5	DESIGN AND DEVELOPMENT OF GATLING GUN	Dr. Muhammad Ali Nasir	Syed yousaf raza	16-ME-47
			Abdul Basit Ali	16-ME-56
			Shujjat Haider	16-ME-95
			RAJA MUHAMMAD NOMAN	16-ME-12
			HAFEEZ UR RAHMAN	16-ME-54
6	Design and capacity enhancement of RADAR absorbing materials coating for air craft	Dr. Muhammad Ali Nasir	Muhammad Shayan	16-ME-60
			MUHAMMAD SAAD ALI LIQA	16-ME-18
			MUZAMMIL YOUSUF	16-ME-75
			Muhammad Jawad Rafique	16-ME-110
			Haider Ali	16-ME-34
7	Design and Development of Formula Student Car for Silverstone Racing Competition, UK.	Dr. Muhammad Ali Nasir	Shayan Sohail	16-ME-22
			Abdullah Khalid	16-ME-76
			Tayyab Javaid	16-ME-13
			M. Nauman Saleem	16-ME-99
			Muhammad Faisal Khan	16-ME-78
8	Efficiency Enhancement of Maisotsenko cycle (M-cycle)	Dr. Muzaffar Ali	Ali Raza	16-ME-84
			Umar Bin Khalil	16-ME-30
			Muhammad Bilal	16-ME-06
			MUHAMMAD INSHAL	16-ME-69
			Ameena Aiman	16-ME-130
9	ANALYSIS OF THERMOREGULATORY DEVICE USING PCM	Dr. Muzaffar Ali	Muhammad Noman Ijaz	16-ME-81
			Muhammad Ateeb Anwar	16-ME-03
			TAHA BIN ARIF	16-ME-131
			Muhammad Muneer Qamar	16-ME-17
			Kashaf Nasir	16-ME-112
10	SOLAR TRACKING SYSTEM FOR PARABOLIC TROUGH	Dr. Muzaffar Ali	Junaid Haider	16-ME-124
			Muhammad Zain Hassan	16-ME-101
			ABDUL RAHEEM TALHA	16-ME-49
			Talha Islam	16-ME-35
11	Simulation Analysis and development of variable volume flow meter	Engr. Zahid Suleman Butt	Muhammad Hassan	16-ME-98
			AHMED ALI FAROOQI	16-ME-37
			Jawad Ahmed	16-ME-71
			Balaj Hassan	16-ME-134
			Muhammad Samiullah	16-ME-89
Hafiza Fatima Arshad	16-ME-07			
			Rehman ali	16-ME-20

12	OYSTER WAVE ENERGY CONVERTER	Engr. Zahid Suleman Butt	MUHAMMAD SAAD ASHRAF	16-ME-93
			MUHAMMAD OKASHA SARFAD	16-ME-90
			ARSLAN SHABBIR	16-ME-63
13	Regenerative Braking System	Engr. Zahid Suleman Butt	Muhammad Shahzaib Sher	16-ME-53
			Zain Ul Abideen	16-ME-129
			Muhammad Junaid	16-ME-80
			Sabir Hussain	16-ME-153
			Shehzad Ahmad	16-ME-119
14	SYSTEM DESIGNING & DEVELOPMENT OF MANUFACTURING/PROCESS CONTROL IN INDUSTRIAL ENVIRONMENT	Dr. Tanzeel-ur-Rashid	Umer Iqbal	16-ME-79
			Abdul Rahman	16-ME-109
			Taha Qayyum	16-ME-88
15	Hydraulic Umbrella	Dr. Nazeer Ahmad Anjum	Muhammad Abdullah Ali	16-ME-48
			Ali Asad	16-ME-21
			Muhammad Irfan	16-ME-39
			Muhammad Kasheh Farid	16-ME-72
16	Sealing investigation of shell bearing	Dr. Nazeer Ahmad Anjum	Amin Ullah	16-ME-137
			Syed muhammad murtaza jafary	16-ME-140
			Abbas khan	16-ME-139
			Farhad Ahmad	16-ME-155
			Murtaza Ali	16-ME-152
			Murtaza shah	16-ME-140
17	Research and Analysis of Magnetic Bearing	Dr. Nazeer Ahmad Anjum	Humza Navaid Anwar	16-ME-73
			Muhammad Abu Huraira Ali	16-ME-121
			Hussain Ahmad	16-ME-67
18	Power Plant	Engr. Abdul Mobeen	Mir Ghazanfar Sohail	16-ME-52
			Hussan Tallat	16-ME-145
			Haseeb Ur Rehman	16-ME-19
19	Design and Fabrication of Adaptive Suspension System	Dr. Waqar Ahmad Qureshi	M. Abrar Mirza	16-ME-100
			Ali Asghar	16-ME-103
			Usman Basharat	16-ME-142
			M Usman Javed	16-ME-91
20	Chracterization and fabrication of shape memory alloy.	Dr. Waqar Ahmad Qureshi	Wajid Ali	16-ME-23
			Dua-e-Fatima	16-ME-65
			Noor Nazir	16-ME-41
			Yahya Ahmed Saghar	16-ME-146
			Waqar Masood	16-ME-128
21	Development of Indigenous Condition Monitoring System	Dr. Waqar Ahmad Qureshi	Muhammad Usama Mughal	16-ME-50
			Hamza Jamil	16-ME-11
			Zain ul Abideen	16-ME-05
			Arham Abdullah	16-ME-74
22	Design of Adaptable Magnetic Damper (Using Electromagnet as an actuator)	Dr. Waqar Ahmad Qureshi	Usama Bin Waqar Sarwar	16-ME-43
			Zohaib Imtiaz	16-ME-46
			Kinza Jamil	16-ME-58
23	Damper System	Dr. Waqar Ahmad Qureshi	Muhammad Aamish Khan	16-ME-01
			Maryam Bashir	16-ME-136
			Moazam Jalil	16-ME-94
24	Road Power Generation Using Gravity	Dr. Abid Hussain	Muhammad Umar Amjad	16-ME-106
			Abu bakar ramzan	16-ME-70
			M Arsalan	16R/15-ME-37
			Muhammad Bilal	16-ME-28
25	Geothermal heating and cooling system	Dr. Abid Hussain	Abdul Basit	16-ME-116
			Ammar Mushtaq	16-ME-64
			Hammad Ali Sher	16-ME-55
			Amjad Pervaiz	16-ME-61
26	Increasing the efficiency of solar panels using separation method.	Dr. Abid Hussain	Muhammad Aqib	16-ME-82
			Muhammad Moaz Siddiqui	16-ME-40
			Fahad Ahmad Raza	16-ME-97
			Saad Saqlain	16-ME-85
27	Upgraddation of oil pump test bench by installation digital guages and sensors for pressure and Temperature measurement.	Dr. Aneela Wakeel	Hussnain Tahir	16-ME-108
			Zain ul abidin	16-ME-36
			Muhammad Hamza	16-ME-118
			Muhammad Noman Haider	16-ME-96
	EFFECT OF PREHEATED AIR ON EFFICIENCY OF INTERNAL COMBUSTION ENGINE	Dr. Azhar Hussain	Ahmed Ali Talha	16-ME-123
			Ahtasham Ahmad	16-ME-105
			HIRA NAWAZ	16-ME-132
			Adnan Masih	16-ME-114

28			MUHAMMAD JUNAID	16-ME-126
	To Enhance the thermal conductivity of PCM	Dr. Azhar Hussain	MOHSIN MUMTAZ	16-ME-59
			Lubna Parveen	16-ME-62
			Muhammad Azam	16-ME-83
			Muhammad Nawaz	16-ME-107
29			Danish Amjad	16-ME-92
	Efficient combustion fuel/air ratio for pre-heated air ignition	Dr. Azhar Hussain	Muhammad Asad Naveed	16-ME-104
			Imran Ahmad	16-ME-144
			Khizar Ishtiaq	16-ME-86
			M. Ehsin Khan	16R/15-ME-199
30			Ali Muhammad	16-ME-117
	STRESS DISTRIBUTION IN DIFFERENT ZONES OF IC ENGINE	Dr. Azhar Hussain	Muhammad Talha Khan	16-ME-66
			Riaz Ahmad	16-ME-57
			Syed Mehran Ali	16-ME-51
			Taimoor Zulfiqar	16-ME-51
31			Syed Mehran Ali	16-ME-15
	PERVAPORATIVE DESALINATION OF OIL CONTAMINATED WATER	Dr. Mudassir Ali	ALBARA ABDULQADER SHALABY	16-ME-138
			MUHAMMAD BILAL ISLAM	16-ME-135
			MUEEZ TAHIR	16-ME-102
			ASIM AZIZ	16-ME-141
32			ABDULSUBOOR KHALIL	16-ME-150
	Synthesis and characterization of lead free BiFeO ₃ based piezoelectric ceramics	Dr. Rizwan Ahmad Malik	Hassan Asif	16-ME-10
			Hashir Ghani	16-ME-38
			Muhammad Haris	16-ME-120
			Abdul Rehman	16-ME-87
33			Muhammad Irfan	16-ME-44