



INTERNATIONAL ISLAMIC UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

FYP's 2014-2015 Group Details For F11 Session

G.NO	Project Title	Reg.No	Student's name	Supervisor	Co- supervisor	Remarks
1	Steam Powered Electricity Generator using solar trough.	174-FET/BSME/F11 184-FET/BSME/F11 162-FET/BSME/F11 185- FET/BSME/F11	Ahmed Ali M Umer Farooq M Muzahir M jazib Shehzad	Engr.Abbas Raza	Not proposed yet	
2	Design and fabrication of solar water hybrid heating system.	115-FET/BSME/F11 146-FET/BSME/F11 144-FET/BSME/F11	Hammas Ullah Baz Muhammad Attaullah Baloch	Engr. Abubakar Munir	Not proposed yet	
3	Study and Fabrication of wave energy power plant using oscillating water column technique.	138-FET/BSME/F11 137-FET/BSME/F11 147-FET/BSME/F11	Nisar Ali Khan Muhammad Waqas Ghazanfer	Engr. Abubakar Munir	Not proposed yet	
4	Robotic Arm of bomb disposal robot	121-FET/BSME/F11 128-FET/BSME/F11 130-FET/BSME/F11	Nauman Shafiq Ahsan Latif Arsalan Kamal	Engr.Abbas Raza	Not proposed yet	
5	Base vehicle of bomb disposal robot	106-FET/BSME/F11 113-FET/BSME/F11 125-FET/BSME/F11	Muhammad Kamran Sameed Hassan Waleed Arshad	Engr.Abbas Raza	Not proposed yet	
6	Domestic heating and cooling system using Concentrated Solar Power(CSP) (CSP Design & Fabrication) Part I	172 -FET/BSME/F11 170-FET/BSME/F11 176-FET/BSME/F11	Sarfraz Ahmed Waseem Abbas Adil Zahoor	Engr. Asad Raza	Not proposed yet	
7	Domestic heating and cooling system using concentrated solar power CSP (Fan Coil unit design) Part II	171-FET/BSME/F11 163-FET/BSME/F11 154-FET/BSME/F11	Muhammad Bilal Safwan haider Zeeshan	Engr. Asad Raza	Not proposed yet	
8	Design and Fabrication of electric tube furnace	187- FET/BSME/F11 194- FET/BSME/F11 165 FET/BSME/F11	Mohtasim Nawaz Babar Hussain Rizwan Ahsan	Dr Afzal Khan	Not proposed yet	
9	Design and Fabrication of Cricket Ball throwing Machine (counter rotating two wheel mechanism with 6 degree of rotation and fully automated)	169- FET/BSME/F11 183- FET/BSME/F11 204- FET/BSME/F11	Farooq Mustafa Muhammad Bilal Talha Atta	Engr. Muhammad Ishfaq Khan	Not proposed yet	
10	Design and Fabrication of heat Exchanger to produce super heated steam for power generation through Solar trough with storage tank (Part II)	181- FET/BSME/F11 200- FET/BSME/F11 182- FET/BSME/F11	Idress farooq Tabbish said Abbasi Malik daniyal Zaheer	Engr.Abbas Raza	Not proposed yet	
11	Design, fabrication and Vibration Analysis of a pump	186-FET/BSME/F11 177-FET/BSME/F11 188-FET/BSME/F11	Rizwan Mehmood Adnan Khan Nabeel Maqsood	Dr Saeed Badshah	Not proposed yet	



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12	HVAC and Plumbing Design For a commercial Building (3D design) using MEP	112-FET/BSME/F11 103-FET/BSME/F11 116-FET/BSME/F11	Adeel Ilyas Baig Amir Ghaaffar Abdul Jawad	Engr.Muhammad Amjad	Not proposed yet	
13	Friction Stir welding versus Conventional method of welding for Aluminum Materials.	119-FET/BSME/F11 140-FET/BSME/F11 143-FET/BSME/F11	Muhammad Touqeer Syed Shahzeb Asad Mehmood	Engr. Sakhi Jan Khalil	Not proposed yet	
14	Horizontal Axis Ocean Current Turbine	117-FET/BSME/F11 132-FET/BSME/F11 134-FET/BSME/F11	Haidar Samad Muneeb Ali Hussain Muhammad Faizan	Dr. Saeed Badshah	Not proposed yet	
15	Vertical Axis Ocean Current Turbine	111-FET/BSME/F11 105-FET/BSME/F11 114-FET/BSME/F11	Yasir Sagheer Muhammad Waqar Arsalan Ahmed	Dr. Saeed Badshah	Not proposed yet	
16	Fluid Structure interaction simulation of Kaplan turbine	196-FET/BSME/F11 178-FET/BSME/F11 153-FET/BSME/F11	Syed rehmat Jamal uddin Syed Hammad	Engr. Adnan Aslam Noon	Not proposed yet	
17	Design and Analysis of Heat Exchanger using compress software	192-FET/BSME/F11 199-FET/BSME/F11 190-FET/BSME/F11	Junaid Iqbal Waseem Akram Naveedullah	Engr. Sajjad Ahmed	Not proposed yet	
18	Design and Fabrication of Heat Exchanger for defined Parameter used in Part I of CSP trough (Part III)	202-FET/BSME/F11 104-FET/BSME/F11 109-FET/BSME/F11	Awais Rasheed Abdul Basit Awan Muhammad Kashif	Engr. Asad Raza	Not proposed yet	
19	Underground Smart Parking system	151-FET/BSME/F11 118-FET/BSME/F11 145-FET/BSME/F11	Haseeb anwar Basit Ali Noman Ahmed	Engr. Asad Raza	Not proposed yet	
20	Design & Fabrication of flying spy bird.	193-FET/BSME/F11 197-FET/BSME/F11 148-FET/BSME/F11 164-FET/BSME/F11	Kashif Ayaz Asad Ayaz Hamid Masood Mazhar Iqbal	Dr.Rafiullah	Not proposed yet	
21	Development of flow meter (water) for common Industrial use	139-FET/BSME/F11 131-FET/BSME/F11 152-FET/BSME/F11	Syed Abdullah Zarak Ahmed Jan Mohammad Asad	Engr. Asad Asghar Janjua	Not proposed yet	
22	Design Analysis and Fabrication of underground HeatExchanger (geothermal)	126-FET/BSME/F11 108-FET/BSME/F11 122-FET/BSME/F11	Kamran mehmood Raja Abdul Baseer M .Arslan Mehmood	Engr.M Imran	Not proposed yet	
23	Cross flow turbine impulse Design Fabrication and Prototype	150-FET/BSME/F11 149-FET/BSME/F11 123-FET/BSME/F11	Muhammad Rehan Anique javed Hamad Habib	Engr.M Imran	Not proposed yet	
24	Heating and cooling of machinery in Oil Industry	124-FET/BSME/F11 127-FET/BSME/F11 142-FET/BSME/F11	M.Tariq khan Ubaid Ali Khan	Engr Sakhi Jan	Not proposed yet	



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			Danish Ahmed			
25	Robot fabrication for NERC 2015	189-FET/BSME/F11 203-FET/BSME/F11 201-FET/BSME/F11	M. Alamgeer Tanveer Hussain Farhan Khan	Engr Umer Mushtaq		
26	Condition monitoring of rotating equipments in oil industry	168-FET/BSME/F11 157-FET/BSME/F11 191-FET/BSME/F11	Sana ur Rehman Muhammad Amir Saifullah	Dr Rafiullah Khan Dr saeed Badshah		
27	Production of electricity through water flow from head of tube well (Pelton Wheel Turbine)	167-FET/BSME/F11 160-FET/BSME/F11 173-FET/BSME/F11	Faisal Amin Syed Zain Abbas Farukh Aziz	Engr M Imran		