

List of Groups for Final Year Project (FYP) Session-2019, B.Sc. Automotive Engineering

Group No.	Group Members	Title of Proposed Thesis	Proposed Advisor
1	2019-AU-01*	Design and development of automobile test corrosion facility	Dr. Hasan Izhar Khan
	2019-AU-04		
	2019-AU-32		
2	2019-AU-21*	Wireless power transfer in electric vehicles via inductive resonance coupling	Prof. Dr. Nasir Hayat
	2019-AU-27		
	2019-AU-07		
3	2019-AU-06*	Design and fabrication of lab-scale pyrolysis reactor for production of refuse-derived-fuel	Dr. Muhammad Ali Shahbaz
	2019-AU-02		
	2019-AU-15		
4	2019-AU-16*	A combined experimental and theoretical approach to enhance the rate of heat transfer of a car radiator	Dr. Jamal Umer
	2019-AU-31		
	2019-AU-47		
5	2019-AU-28*	Dynamic properties evaluation of composite boring bars	Engr. Adeel Shehzad
	2019-AU-29		
	2019-AU-42		
6	2019-AU-48*	Design and analysis of cooling system for thermal management of electric vehicles batteries	Dr. Syed Nadeem Abbas Shah
	2019-AU-46		
	2019-AU-38		
7	2019-AU-03*	Design and fabrication of vehicle emission monitoring system by using Arduino	Dr. Hasan Izhar Khan
	2019-AU-33		
	2019-AU-34		
8	2019-AU-10*	Energy harvesting using piezoelectric system on an automobile / vehicle and its optimization through AI	Engr. Muhammad Jawad
	2019-AU-09		
	2019-AU-25		
9	2019-AU-39 *	A novel cooling and low-grade energy utilization system for EVs	Dr. Muhammad Usman
	2019-AU-30		
	2019-AU-20		
10	2019-AU-11*	Design & Development of vehicle collision avoidance system`	Dr. Naseer Ahmad
	2019-AU-12		
	2019-AU-23		
11	2019-AU-24*	Aerodynamic reduction of passenger car	Dr. Saad Jahangir
	2019-AU-17		
	2019-CD-AU-2		
12	2019-CD-AU-1*	Design and development of micro-wave assisted biodiesel synthesis equipment	Engr. Tahir Asif
	2019-AU-14		
	2019-AU-08		
13	2019-AU-05*	CFD analysis of diesel fuel injector nozzles	Dr. Saad Jahangir
	2019-AU-18		
	2019-AU-40		
14	2019-AU-13*	Assessment of electric vehicle infrastructure readiness in Pakistan	Engr. Omer Asghar
	2019-AU-19		
	2019-AU-26		
15	2019-AU-37*	Foldable e-scooter for urban mobility	Engr. Usman Sheikh
	2019-AU-35		
	2019-AU-41		

* Represents the group leader.