

Viswajyothi College of Engineering and Technology, Vazhakulam

Department of Mechanical Engineering

S5 ME A (2017- 2021 A batch)

FINALISED GROUP FOR DESIGN PROJECT

	Roll No.	Name	Guide	Group Project Topic	Individual Presentation Topic	Signature of guide
GROUP 1	33	Jeevan Thomas	Dr. Shunmugesh K	Design and fabrication of composite leaf spring	1.Plastic from Banana peel 2.Spray technique using Coanda effect3. Amyris Renewable Diesel	
	34	Jerin Eldhose			1. Bioplastics 2. Alcohol detection and controlling system 3.Dew energy weapons	
	32	Jebin Johny			1.Cryogenic grinding 2.Smart bombs 3.Energy harvesting trees	
	35	Jerin Joshy			1.Paper battery, 2. Automatic side stand lifting, 3. Ultrasonic parking system	
GROUP 2	23	Edwin Xavier	Mr. Nidheesh K.	Passenger rocker bogggie mechanism	1.UNDERWATER WINDMILL 2.NuBike 3.Whirlpool Turbine	
	2	Abin Antony			1. Gsm based agriculture 2. Nano robotics 3. Hemi engine	
	8	Akhil Shijo			1.ROLLER BARRIER 2.VORTEX BLADELESS TURBINE 3.AUTOMATIC DAM DOORS BY CENTRIFUGAL	
	7	Akhil Sebastian			1.SOLAR COOLING 2.FLOATING WINDMILLS	
GROUP 3	12	Amal Antony	Mr. Akash Paul Savio	AUTOMATIC SIDE STAND RETRIVAL SYSTEM	1 .OCEAN THERMAL ENERGY CONVERSION 2.RAINBOW TECHNOLOGY 3.ELECTRO	
	29	Gopu K S			1.Osmotic Power Generation 2.Flying Windmills 3.Concentrated Solar Power	
	44	Rahul S Thachil			1.Stealth Technology 2.Visible Light Communication 3.Nuclear battery	
GROUP 4	17	Arjun T P	Mr. Basil Baby	Multipurpose Minitileler	1.Adaptive headlight system, 2. Regenrative braking in Hybrid Vehicles, 3. Ultrasonic welding	
	11	Alex Thomas			1.Vehicle to vehicle communications 2.Water injection in engines 3.Cntinously variable transmission	
	30	Jasmeskutty Michael			1.camless piston engine, 2. waterjet machining, 3. dual clutch transmission	
	55	Arun Sabu			1. Humanoid Robot 2. Robotic Welding 3. Smart Note Tanker	
GROUP 5	6	Akhilesh Balachandran	Mr. Martin Jose	Robotic Arm with Flex Shape Gripper	1. Variable Compression Ratio Engine 2. Slipper Clutch 3. Energy Storing Body Panels	
	49	Sreerag Shaji			1. W Engine 2. Fuel Energizer 3. Solar Air Conditioning	
	40	Melbin Sibi				
GROUP 6	21	Deljo M Baby	Mr. Eldhose Paul	Remotely Operated Underwater Vehicle (ROV)	1.Fully transparent solar-power-generating windows, 2.Acoustic wave separation, 3.Friction stir welding	
	20	Basil C Varghese			1. laser ignition system. 2 Lifi technology 3. Night vision technology in automobile	
	19	Aswin T S			1. Nitro shock absorber,2. Air bearing, 3. Split cycle engine	
	45	Sebastian Antony			1.Active Magnetic Bearing, 2.Air Muscle, 3.Thermal Barrier Coating on IC Engines	

GROUP 7	24	Francis Lal	Mr. Abraham Antony	FULLY AUTOMATED ORNITHOPTER WITH IMAGE PROCESSING	1.Aerogels, 2.Supercritical fluid extraction, 3. Spidersilk		
	26	George M Sabu			1.Air Brake System, 2. IVTEC, 3. 3D Metal Printing		
	53	Eldho Jose			1.Selective Laser Sintering,2.Magnetic Bearing,3.Quasi Turbine Engine		
GROUP 8	3	Abin Joseph	Mr. Arun K.	Semi Automatic Rubbersheet Drying machine	1. Embeded Sysytem in Automobiles 2. Computer Adied Process 3. Cryodenic grinding		
	5	Ajmal Roshan P M			1. Cornershot Gun , 2.Active Deniel System , 3. Human Universal Load Carrier		
	1	Abhinav V Salim			1. Raspberry pi based reader for blind 2. Traction control system 3. Automatic seed sowing robot		
	4	Afnas V A			1. Trenchless technology 2. Solar chimney power plant		
GROUP 9	37	Jogi Jose	Mr. Nibin B.	TEMPERATURE REDUCING DEVICE IN PARKED CAR			
	27	Githin Biju			1.Non-Pneumatic tyres,2.Aqua Silencer,3.Bio-Battery		
	54	joshua issac paul			1.magnetic refrigeration,2.peltier effect 3. virtual manufacturing technology		
GROUP 10	52	Vishnu Vinod	Mr. Eldhose Kurian	SOLAR POWERED STIRLING ENGINE	1.Invisible Vehicle, 2.Biomechatronic Hands, 3.Thermoacoustic Refrigeration		
	25	George Elias K			1.Air Powered Car , 2. Brake Assist, 3. Supercavitation		
	50	Umesh Ganesan			1.Polymer dispersed liquid crystal glass 2.railgun 3.common rail direct injection		
	13	Amal Babu			1.Electromagnetic Suspension System 2.Android Controlled Robotic Arm		
GROUP 11	39	Mathew Nevin	Mr. Frenosh K Francis	AUTOMATIC SEED SOWING MACHINE	1. Autonomous Car 2. Sensotronic Brake Control		
	42	Nikhil Devasia			1.Artifical Intelligence 2.Virtual reality 3.IoT and M2M		
	18	Ashiq Salu			1.Autopilot 2.Monorails 3.Touchless Touchscreen Technology		
	9	Alen Benny			1.Micromachining,2.Side winder missile,3,Quadcopter		
GROUP 12	22	Denilson James	Dr. Shunmugesh K	Testing on glass fibre polymer reinforced plywood	1. ABS, 2. Aerodynamics in F1 cars, 3.Liquid nitrogen vehicles		
	16	Arjun Suresh			1.D3O, 2.Reusable Rockets, 3.Paint Protection Films		
	31	Jayakrishnan M			1. Space Tourism 2.Force field 3.Flying cars		
	14	Amal Pratheesh			1.Nuclear Battery 2.Railway Wagon Braking System 3.Zero Friction Electromagnetic Braking System		
GROUP 13	47	Shone Nixon	Mr. Arun K P	BRAIN NEURO INTERFACE DEVICE	1.Brain computer interface 2.Sun tracker 3.Organic electronics		
	10	Alen Ulahannan			1. Titanium Caliper, Ceramic disc braking system, 2. Adjustable Polarised window glasses, 3. Altered Nozzles		

GROUP 13	46	Shibin P	MR. ARUN RAPH	BRAIN NEURO INTERFACE DEVICE	1. Eskate board with preasure sensing 2. Voice controlled Robotic Vehicle 3. Air car		
	43	Nithyan Sajahan			1. HYDRAULIC CYLINDER 2. HYDRAULIC RIVETING MACHINE 3. DIESEL DIRECT INJECTION SYSTEM (DDIS)		
GROUP 14	41	Melvin Joe Augustine	Mr. Rakesh Jose	MINI CNC PLOTTER	1. 5G Technology, 2. Speech recognition, 3. Laser eye surgery		
	15	Antony Johny			1) House lift by hydraulic jack 2) Mobile jammers 3) Electronic brake distribution system		
	36	Joel George			1) 4D Printing 2) Holography 3) Ion Thrusters		
	28	Glen Antony			1. laser ignition system 2. wireless charging 3. cruise drive system		
GROUP 15	51	Vijay N Ravi	Mr. Arun Raphel	MOTORIZED SCISSOR JACK	1.Accident Statistics Buzzer 2.Infrared Thermography 3. Lightning Frequency Arrester		
	48	Sravan Sunil					
	38	Kurian Benny			1. Solar Building 2. Stratellite 3. Cloud Computing		