

Projects > Undergraduate Project Topics > Mechanical Engineering Project Topics

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#	Product Name	Price
1	EXPLORATORY PERFORMANCE MODELLING OF AN INTEGRATED MACHINE FOR GRAIN SLURRY FOOD STARCH PRODUCTION	\$20
2	EFFECT OF FUSED DEPOSITION MODELING (FDM) 3D PRINTING ON PROPERTIES OF PRINTED POLYLACTIC ACID (PLA)	\$20
3	DEVELOPMENT AND PERFORMANCE ANALYSIS OF FORCED VORTEX APPARATUS	\$20
4	SYSTEM DYNAMICS MODELLING AND PREDICTION OF GREENHOUSE GASES IN NIGERIA	\$20
5	EFFECT OF DATE SEED GRANULES ON THE MECHANICAL PROPERTIES OF GLASS FIBRE REINFORCED EPOXY COMPOSITE	\$20
6	DESIGN AND CONSTRUCTION OF SOLAR TRACKING SYSTEM FOR OPTIMUM SOLAR PANEL POSITIONING	\$20
7	MODIFICATION OF PALM KERNEL CRACKING AND SEPARATING MACHINE	\$20
8	DESIGN, CONSTRUCTION AND PERFORMANCE EVALUATION OF A MINI POWER (1KVA) FUELLESS GENERATOR AS AN ALTERNATIVE POWER FOR LOW POWER CONSUMPTION	\$20
9	PARAMETER ANALYSIS AND LIFE CYCLE COST ASSESSMENT OF A 12VOLT, 200AH, LEAD ACID BATTERY	\$20
10	DEVELOPMENT AND MODELING OF CERAMIC WATER CANDLE FILTER FROM OHIA CLAY USING RESPONSE SURFACE METHODOLOGY	\$20
11	DESIGN, FABRICATION AND OPTIMIZATION OF A DUAL ENERGY SOURCE OVEN	\$20
12	EFFECT OF AUSTEMPERING PROCESS PARAMETERS ON THE MECHANICAL PROPERTIES OF MILD STEEL QUENCHED IN A MIXTURE OF USED ENGINE OIL AND ASH	\$20
13	DESIGN AND DEVELOPMENT OF AN INTEGRATED FISH FEED MACHINE	\$20
14	ADSORPTION AND CORROSIVE INHIBITIVE PROPERTIES OF SOME NATURALLY OCCURRING SUBSTANCE (A CASE STUDY OF EXTRACTS OF ROOTS AND FRUITS PEELS IN ALKALINE AND ACIDIC MEDIA)	\$20
15	DEVELOPMENT OF CR-NI NANO HYBRID COATING FOR CORROSION RESISTANCE AND SURFACE PROPERTIES IMPROVEMENT ON MILD STEEL	\$20
16	IMPROVED DESIGN AND PERFORMANCE EVALUATION OF SOAP STAMPING AND TABLETING MACHINE FOR SMALL SCALE MANUFACTURERS FOR SUSTAINABLE DEVELOPMENT	\$20
17	CARBONMONOXIDE (CO) EMISSION ANALYSIS FROM PORTABLE GENERATOR POWERED FROM GASOLINE ENGINE	\$20
18	DESIGN, MODIFICATION AND FABRICATION OF A GROUNDNUT ROASTING AND PEELING MACHINE	\$20
19	FABRICATION OF A PLATE FREEZER	\$20
20	DESIGN AND DEVELOPMENT OF AN INTERNET-OF-THINGS BASED GAS EMISSION MONITORING SYSTEM	\$20
21	CFD SIMULATION OF THE ABU CAR 11 MODEL FOR SHELL ECO-MARATHON COMPETITION	\$20
22	PRINCIPLE OF FLUID MECHANICS AND THE NUMERICAL PROCEDURE USING CFD ANSYS FLUENT	\$20
23	OPERATION AND MAINTENANCE OF STEAM BOILER	\$20
24	MODIFICATION OF AN EXISTING METAL SHEET-BENDING MACHINE	\$20
25	MAINTENANCE OF WORKSHOP EQUIPMENT	\$20
26	MAINTENANCE AND REPAIR THE STEAM BOILER	\$20
27	DESIGN AND FABRICATION OF DOMESTIC REFRIGERATOR	\$20
28	FABRICATION OF YAM POUNDING MACHINE	\$20
29	FABRICATION OF METAL PANEL DOOR	\$20
30	FABRICATION OF ELECTRICAL POP CORN MACHINE	\$20
31	FABRICATION OF ALUMINIUM WINDOW	\$20
32	FABRICATION OF A PEPPER GRINDING MACHINE	\$20
33	FABRICATION AND CONSTRUCTION OF WINDOW BURGLAR PROOF	\$20
34	DEVELOPMENT AND PERFORMANCE EVALUATION OF DURABILITY TESTING MACHINE	\$20
35	DESIGN AND FABRICATION OF TWIN LEAF METAL DOOR	\$20
36	DESIGN AND FABRICATION OF MOTORIZED OPERATED GROUNDNUT DECORTICATING MACHINE	\$20
37	DESIGN AND FABRICATION OF GROUNDNUT SHELLING MACHINE	\$20

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38	DESIGN AND FABRICATION OF DOMESTIC DEEP FREEZER	\$20
39	DESIGN AND FABRICATION OF A PORTABLE CASSAVA GRATER	\$20
40	DESIGN AND DEVELOPMENT OF A REAL TIME SCHOOL BUS TRACKING SYSTEM USING (RFID)	\$20
41	DESIGN AND FABRICATION OF AN OFFICE FILE CABINET	\$20
42	THE DESIGN AND FABRICATION OF MECHANICAL LAWN MOWER	\$20
43	THE DESIGN AND CONSTRUCTION OF A HOT PRINTING MACHINE	\$20
44	THE CONSTRUCTION AND FABRICATION OF A METAL BOOKSHELF	\$20
45	REPAIR OF A DAMAGED REFRIGERATOR	\$20
46	REPAIR OF A DAMAGED AIR CONDITIONER	\$20
47	REPAIR AND MAINTENANCE OF A FAULTY DEEP FREEZER IN THE DEPARTMENT OF MECHANICAL ENGINEERING	\$20
48	RECTIFICATION AND REPAIR OF A FAULTY AIR CONDITIONER IN THE MECHANICAL ENGINEERING DEPARTMENT	\$20
49	FABRICATION OF METAL SHELF	\$20
50	FABRICATION OF A POLYTHIENE BAG SEALING AND CUTTING MACHINE	\$20
51	DESIGN AND FABRICATION OF MODERN LOCKABLE BOOKSHELF.	\$20
52	DESIGN AND FABRICATION OF A PILOT PRODUCTION PLANT FOR PAINTS (EMULSION AND TEXCOAT)	\$20
53	DESIGN AND FABRICATION OF A METAL BOOKSHELF	\$20
54	DESIGN AND CONSTRUCTION OF A WOODLATHE MACHINE	\$20
55	DESIGN AND CONSTRUCTION OF A MODERN NAIL GASKET MACHINE	\$20
56	DESIGN AND FABRICATION OF A DUST EXTRACTOR	\$20
57	CONSTRUCTION OF AN ELECTRICAL STOVE WITH THREE-OVEN APARTMENT	\$20
58	CONSTRUCTION OF A STANDARD BAKING OVEN (MINI-OVEN) WITH DUAL POWER SOURCE (ELECTRIC/GAS)	\$20
59	CONSTRUCTION OF A MOBILE REFRIGERATOR FRIDGE	\$20
60	THE DETAIL FABRICATION OF A CANDLE MOULDING MACHINE	\$20
61	REPAIR AND REHABILITATION OF A FAULTY AIR CONDITIONER	\$20
62	FABRICATION OF A FOLDABLE CAMP BED	\$20
63	DESIGN AND CONSTRUCTION OF BAKING OVEN	\$20
64	DESIGN AND CONSTRUCTION OF A SPIN DRYER	\$20
65	CONSTRUCTION OF TWO FACE GAS BURNER	\$20