MECHANICAL

S.NO	SUBJECT CODE	TITLES
1.	CTMEC_01	HEADLAMP MOUNTING ANALYSIS
2.	CTMEC_02	COMPARATIVE LOAD ANALYSIS BETWEEN HELICAL GEAR AND BEVEL GEAR
3.	CTMEC_03	OPTIMIZATIONAL ANALYSIS OF HELICOPTER TAIL ROTOR SPAR BY USING MATRIX COMPOSITES
4.	CTMEC_04	MODELING AND ANALYSIS OF KNUCKLE JOINT
5.	CTMEC_05	FINITE ELEMENT ANALYSIS OF STRESS IN BUTT WELDING OF TWO SIMILAR PLATES
6.	CTMEC_06	MATERIAL OPTIMIZATION AND STRUCTURAL STRESS ANALYSIS OF EICHER CHASSIS BRACKETS
7.	CTMEC_07	MATERIAL COATING OPTIMIZATION AND THERMAL ANALYSIS OF A FOUR STROKE PISTON
8.	CTMEC_08	DESIGN AND ANALYSIS OF ROLLER BEARING AND HYDRO DYNAMIC BEARING IN SERIES COMBINATION
9.	CTMEC_09	MODELING AND SIMULATION OF POWDER COATING USING CAM AND FOLLOWER
10.	CTMEC_10	MATERIAL OPTIMIZATIONAL ANALYSIS OF A WIND MILL HUB
11.	CTMEC_11	CLUTCH ASSEMBLY MODELING AND DYNAMIC ANALYSIS
12.	CTMEC_12	DYNAMIC ANALYSIS OF A CLUTCH PLATE USED IN TWO WHEELER
13.	CTMEC_13	EFFECTIVE COMPARISON ANALYSIS OF A FOUR STROKE AND TWO STROKE PISTON OF A TWO WHEELER

14.	CTMEC_14	DESIGN AND ANALYSIS OF CRANKSHAFT USING METAL MATRIX COMPOSITES
15.	CTMEC_15	STRUCTURAL OPTIMIZATION OF TYPICAL LIGHT TRANSPORT AIRCRAFT COMPONENTS
16.	CTMEC_16	DESIGN AND ANALYSIS OF A THREE WHEELER CHASSIS FRAME
17.	CTMEC_17	MODELING OF A CONVEYOR AND WEIGHT REDUCTION OF CONVEYOR ROLLER IN ANSYS
18.	CTMEC_18	DESIGN AND OPTIMIZATIONAL ANALYSIS OF AUTOMOBILE PROPELLER SHAFT
19.	CTMEC_19	DYNAMIC ANALYSIS OF CAM SHAFT USED IN AUTOMOBILES WITH IMPROVED OPTIMIZATION TECHNIQUES
20.	CTMEC_20	FINITE ELEMENT ANALYSIS AND MATERIAL OPTIMIZATION OF MONO LEAF SPRING USED IN MARUTHI OMNI VANS
21.	CTMEC_21	COMPUTER AIDED MODELING AND OPTIMIZATION ANALYSIS OF CRANKSHAFT
22.	CTMEC_22	WEIGHT OPTIMIZATION AND ANALYSIS OF CRANKSHAFT
23.	CTMEC_23	FATIGUE ANALYSIS OF A UNIVERSAL JOINT
24.	CTMEC_24	MODELING AND SIMULATION OF AUTOMOBILE BRAKING SYSTEM
25.	CTMEC_25	MODELING OF SINGLE PLATE CLUTCH
26.	CTMEC_26	ANALYSIS AND DESIGN MODIFICATION OF MOTOR CYCLE ALLOY WHEEL
27.	CTMEC_27	MODELING AND ANALYSIS OF AUTOMOBILE DRUM BRAKE RETURN SPRING
28.	CTMEC_28	DESIGN AND ANALYSIS OF HYDRAULIC JACK FOR LIFTING LIGHT VEHICLES
29.	CTMEC_29	DESIGN AND ANALYSIS OF A ROTARY POWER STEERING SYSTEM

30.	CTMEC_30	DESIGN AND ANALYSIS OF CAM SHAFT IN AUTOMOBILES
31.	CTMEC_31	DESIGN AND ANALYSIS OF FLANGE COUPLING IN POWER TRANSMISSION
32.	CTMEC_32	DESIGN AND ANALYSIS OF LEAF SPRING IN HEAVY TRUCK
33.	CTMEC_33	MODELING AND STEERING AND BRAKING SYSTEM IN A CAR
34.	CTMEC_34	ANALYSIS AND OPTIMIZATION OF CONNECTING ROD