



DESIGN AND ANALYSIS BASED PROJECTS

SL NO	TITLE
DA001	DESIGN OPTIMIZATION OF CONNECTING ROD FOR STATIC LOADING CONDITIONS
DA003	STATIC & MODAL ANALYSIS OF COMPOSITE BRACKET ASSEMBLY
DA004	DESIGN OPTIMIZATION OF HYPOID GEAR BY USING STRUCTURAL ANALYSIS
DA005	FATIGUE ANALYSIS AND DESIGN OPTIMIZATION OF A DIGGER ARM
DA006	DESIGN OPTIMIZATION OF DISK BRAKE BY USING FINITE ELEMENT ANALYSIS
DA007	DESIGN AND BUCKLING STRENGTH EVALUATION OF A LIFTING BEAM FOR 350 TONNES THROUGH FEA
DA008	MODELING AND ANALYSIS OF A MASTER CYLINDER
DA009	MODELING AND ANALYSIS OF IC ENGINE PISTON WITH COMPOSITE MATERIAL
DA010	DESIGN AND ANALYSIS OF A RAIL WHEEL ASSEMBLY OF RAIL MOUNTED STORAGE CUM RESTING FIXTURE 60T CAPACITY
DA011	NOZZLE DESIGN AND SEPARATION MARGIN EVALUATION FOR RELIABILITY OF TURBINE BLADE
DA012	DESIGN OF INTERFACE STRUCTURE OF WIND TOWER
DA013	DESIGN AND ANALYSIS OF BLEED IN STEAM TURBINE CASING
DA014	SKIN INSTABILITIES IN HONEYCOMB STRUCTURES OF AN AIR CRAFT WING



DA015	BEACON LIGHT ANALYSIS IN FUSELAGE STRUCTURE OF AN AIRCRAFT
DA016	LOAD ANALYSIS AND MULTI BODY DYNAMICS ANALYSIS OF CONNECTING ROD IN SINGLE CYLINDER 4 STROKE ENGINE
DA017	FAILURE ANALYSIS OF STEAM TURBINE ROTOR DUE TO LOW FLOW CONDITIONS
DA018	BUS BODY ANALYSIS FOR DIFFERENT LOADING CONDITION
DA019	DESIGN AND ANALYSIS FLOOR BEAM IN AIRCRAFT STRUCTURE
DA020	DESIGN AND ANALYSIS OF DUMPING TRUCK FLOOR BED
DA021	STATIC & DYNAMIC ANALYSIS OF IMPELLER & SHAFT OF SUBMERSIBLE PUMP & COMPRESSOR DOMAIN
DA022	DESIGN & STATIC ANALYSIS OF WING BOX(J-NOSE PANEL, HONEY COMB STRUCTURES) STRUCTURE OF AN AIR CRAFT- AIR CRAFT DOMAIN
DA023	STRUCTURAL & CFD ANALYSIS OF AIR RELEASE & VACUUM BREAK VALVES(-VALVE DOMAIN
DA024	DESIGN OF INTERFACE STRUCTURE OF WIND TOWER
DA025	DESIGN AND ANALYSIS OF BLEED IN STEAM TURBINE CASING
DA026	SKIN INSTABILITIES IN HONEYCOMB STRUCTURES OF AN AIR CRAFT WING
DA027	DEVELOPMENT OF AIR RELEASE VALVE / ANTI VACUUM VALVE (COMBINATION VALVE) FOR HIGH PRESSURE HYDRO POWER PLANTS
DA028	LOAD ANALYSIS AND MULTI BODY DYNAMICS ANALYSIS OF CONNECTING ROD IN SINGLE CYLINDER 4 STROKE ENGINE 21 FAILURE ANALYSIS OF STEAM TURBINE ROTOR DUE TO LOW FLOW CONDITIONS
DA029	STATIC AND DYNAMIC ANALYSIS OF BUS BODY
DA030	THERMAL STRESS ANALYSIS IN STEAM TURBINE ROTOR
DA031	STUDY OF STEADY STATE THERMAL ANALYSIS OF STEAM TURBINE CASING
DA032	THERMAL ANALYSIS OF ENERGY AND EXERGY OF BACK PRESSURE STEAM TURBINE IN SUGAR COGENERATION PLANT
DA033	TRANSIENT THERMAL ANALYSIS OF A STEAM TURBINE ROTOR
DA034	DESIGN AND ANALYSIS OF HP STEAM TURBINE CASING FOR TRANSIENT STATE CONDITION



DA035	CALCULATION OF THERMAL STRESS AND FATIGUE LIFE OF 1000 MW STEAM TURBINE ROTOR
DA036	STATIC AND THERMAL ANALYSIS OF TURBINE BLADE OF TURBOCHARGER
DA037	THERMAL AND DYNAMIC ANALYSIS OF BEARING ASSEMBLY FOR SMALL SIZE STEAM TURBINE
DA038	DESIGN AND ANALYSIS OF HP STEAM TURBINE CASING FOR TRANSIENT STATE CONDITION
DA039	CALCULATION OF THERMAL STRESS AND FATIGUE LIFE OF 1000 MW STEAM TURBINE ROTOR
DA040	STATIC AND THERMAL ANALYSIS OF TURBINE BLADE OF TURBOCHARGER
DA041	NON-STATIONARY TEMPERATURE STRESSES IN THE INDUSTRIAL STEAM TURBINE ROTOR
DA042	THERMAL ANALYSIS OF THE STEAM BOILER FOR THE STERILIZATION PLANT AT PEPPER MARKETING BOARD
DA043	THERMAL ANALYSIS OF CLOSED FEEDWATER HEATERS IN NUCLEAR POWER PLANTS
DA044	THERMAL ANALYSIS OF SI-ENGINE USING SIMPLIFIED FINITE ELEMENT MODEL
DA045	STRUCTURAL AND THERMAL ANALYSIS OF AUTOMOTIVE DISC BRAKE ROTOR
DA046	HEAT TRANSFER ANALYSIS OF AUTOMOTIVE HEADLAMP USING CFD METHODOLOGY
DA047	TRANSIENT ANALYSIS OF DISK BRAKE BY USING ANSYS SOFTWARE
DA048	COMPUTATIONAL ANALYSIS OF DIFFERENT NANOFLUIDS EFFECT ON CONVECTIVE HEAT TRANSFER ENHANCEMENT OF DOUBLE TUBE HELICAL HEAT EXCHANGER



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