



Department of/Centre for Mechanical Engineering

INTERNSHIP/PROJECT DETAILS

Sl. No.	Programme Name	Name of the Student	Title of the Internship/Project	Place of Work	Duration of Work (in months)
1	B.Tech in Mechanical Engineering	IMDAD HUSSAIN	DESIGN OF A SOLAR AIR HEATER	Tezpur University	12
2	B.Tech in Mechanical Engineering	BHARGAB NATH	Experimental and Computational Analysis on Machinability of Microalloyed Al-Cu Alloys under Rolled and Peak Aged Conditions	Tezpur University	12
3	B.Tech in Mechanical Engineering	AKASHDEEP BORA	Modeling and Simulation of Shell and Tube Heat Exchanger	Tezpur University	12
4	B.Tech in Mechanical Engineering	NEKIB ALI	Design, Fabrication And Analysis Of Kinetic Energy Recovery System For A Bicycle Using Flywheel	Tezpur University	12
5	B.Tech in Mechanical Engineering	BISHAL KUMAR BHARAGWAJ	Design, Fabrication And Analysis Of Kinetic Energy Recovery System For A Bicycle Using Flywheel	Tezpur University	12
6	B.Tech in Mechanical Engineering	JUGMITA PATGIRI	Design of a domestic vegetable cutter	Tezpur University	12
7	B.Tech in Mechanical Engineering	MAHMAUDU L HASSAN	Design and Development of Software and Hardware Modules for a Rag Picker Robot	Tezpur University	12
8	B.Tech in Mechanical Engineering	GIRBAN VACHYAS	Design and Development of Software and Hardware Modules for a Rag Picker Robot	Tezpur University	12
9	B.Tech in Mechanical Engineering	TANJIL MAHFUZ	Design and analysis of flywheel for punching press operation using finite element method.	Tezpur University	12
10	B.Tech in Mechanical Engineering	PRAGYAN DAS	Design of a domestic vegetable cutter	Tezpur University	12
11	B.Tech in Mechanical Engineering	K. ADITYA SINGHA	Biofuel power plant to provide on grid and off grid alternative power solution	Tezpur University	12
12	B.Tech in Mechanical Engineering	ABHISHEK CHAURASIA	Design of a domestic vegetable cutter	Tezpur University	12
13	B.Tech in Mechanical Engineering	BHAGYASHREE KONWAR	Experimental and Computational Analysis on Machinability of Microalloyed Al-Cu Alloys under Rolled and Peak Aged Conditions	Tezpur University	12
14	B.Tech in Mechanical Engineering	PRIYOM PALIT	Mechanical Design of an Aboveground Biogas Digester	Tezpur University	12
15	B.Tech in Mechanical Engineering	MADHUSMITA RAY	Energy Analysis of a Combined Power Cycle at Optimal Operating Conditions of Bottoming Vapour Power Cycle	Tezpur University	12
16	B.Tech in Mechanical Engineering	NG. MONOJIT SINGHA	Energy Analysis of a Combined Power Cycle at Optimal Operating Conditions of Bottoming Vapour Power Cycle	Tezpur University	12

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TEZPUR UNIVERSITY

(A Central University)

Napam, Tezpur - 784 028, Assam, India

Department of/Centre for Mechanical Engineering

17	B.Tech in Mechanical Engineering	PRAGYA SANKAR	Energy Analysis of a Combined Power Cycle at Optimal Operating Conditions of Bottoming Vapour Power Cycle	Tezpur University	12
18	B.Tech in Mechanical Engineering	MADHUSMIT A DAS	Process studies and design improvement of tooling and process for bell metal industries in assam	Tezpur University	12
19	B.Tech in Mechanical Engineering	NABAJYOTI KULI	Biofuel power plant to provide on grid and off grid alternative power solution	Tezpur University	12
20	B.Tech in Mechanical Engineering	BHUM SWARANG BASUMATAR Y	DESIGN OF A SOLAR AIR HEATER	Tezpur University	12
21	B.Tech in Mechanical Engineering	JADAV KONCH	Design, Fabrication And Analysis Of Kinetic Energy Recovery System For A Bicycle Using Flywheel	Tezpur University	12
22	B.Tech in Mechanical Engineering	PRAMATHES H DAS	Design and analysis of flywheel for punching press operation using finite element method.	Tezpur University	12
23	B.Tech in Mechanical Engineering	DEBASHISH DAS	Process studies and design improvement of tooling and process for bell metal industries in assam	Tezpur University	12
25	B.Tech in Mechanical Engineering	SHUVAM CHETRY	DESIGN OF A MOBILE BAKERY UNIT AND MODIFICATION AND AUTOMATION OF DOUGH MIXER	Tezpur University	12
26	B.Tech in Mechanical Engineering	SABYASACHI KASHYAP	DESIGN AND ANALYSIS OF A 5 FINGERED ROBOTIC HAND	Tezpur University	12
28	B.Tech in Mechanical Engineering	MANJEET GOGOI	IMPROVING HEAT TRANSFER RATE OF A HEAT EXCHANGER BY USING NANOFUIDS	Tezpur University	12
29	B.Tech in Mechanical Engineering	MRINMOY JYOTIKALITA	Design and analysis of flywheel for punching press operation using finite element method.	Tezpur University	12
30	B.Tech in Mechanical Engineering	SAHITYA SIKHAR GHOSH	Biofuel power plant to provide on grid and off grid alternative power solution	Tezpur University	12
31	B.Tech in Mechanical Engineering	BHARGAV JYOTIMAHAN TA	IMPROVING HEAT TRANSFER RATE OF A HEAT EXCHANGER BY USING NANOFUIDS	Tezpur University	12
32	B.Tech in Mechanical Engineering	AVINAVA BORA	Experimental and Computational Analysis on Machinability of Microalloyed Al-Cu Alloys under Rolled and Peak Aged Conditions	Tezpur University	12
33	B.Tech in Mechanical Engineering	BAHARUL ISLAM	Process studies and design improvement of tooling and process for bell metal industries in assam	Tezpur University	12
34	B.Tech in Mechanical Engineering	KHANDIB PAO	DESIGN AND ANALYSIS OF A 5 FINGERED ROBOTIC HAND	Tezpur University	12
35	B.Tech in Mechanical Engineering	MUKUL CH. SWARGIARY	DESIGN AND ANALYSIS OF A 5 FINGERED ROBOTIC HAND	Tezpur University	12
36	B.Tech in Mechanical Engineering	NIKHIL SAURABH	Advanced exergy analysis of an MHD power plant	Tezpur University	12

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37	B.Tech in Mechanical Engineering	BONASHREE GOGOI	DESIGN OF A SOLAR AIR HEATER	Tezpur University	12
38	B.Tech in Mechanical Engineering	KAUSHIK KASHYAP	IMPROVING HEAT TRANSFER RATE OF A HEAT EXCHANGER BY USING NANOFUIDS	Tezpur University	12
39	B.Tech in Mechanical Engineering	PANKAJ UPADHYAY	Optimization of Truss using ANSYS	Tezpur University	12
40	B.Tech in Mechanical Engineering	DEBARUN SAHA	Optimization of Truss using ANSYS	Tezpur University	12
41	B.Tech in Mechanical Engineering	SHAILESH KUMAR	Optimization of Truss using ANSYS	Tezpur University	12
42	B.Tech in Mechanical Engineering	SUCHARIA MANDAL	Mechanical Design of an Aboveground Biogas Digester	Tezpur University	12
43	B.Tech in Mechanical Engineering	ABHISHEKH KUMAR	Advanced exergy analysis of an MHD power plant	Tezpur University	12
44	B.Tech in Mechanical Engineering	RATNADEEP MALAKAR	Mechanical Design of an Aboveground Biogas Digester	Tezpur University	12
45	B.Tech in Mechanical Engineering	RAKTIM BORAH	DESIGN AND ANALYSIS OF A 5 FINGERED ROBOTIC HAND	Tezpur University	12
46	B.Tech in Mechanical Engineering	ANUPAM PRATYUSH KALITA	Modeling and Simulation of Shell and Tube Heat Exchanger	Tezpur University	12
47	B.Tech in Mechanical Engineering	BIKASH JYOTI KUMAR	Design, Fabrication and Simulation of a Solar Rotary Dryer	Tezpur University	12
48	B.Tech in Mechanical Engineering	PARTHA PRATIMNATH	Design, Fabrication and Simulation of a Solar Rotary Dryer	Tezpur University	12
49	B.Tech in Mechanical Engineering	BIRAJ HANDIQUE	Design, Fabrication and Simulation of a Solar Rotary Dryer	Tezpur University	12
50	B.Tech in Mechanical Engineering	MADHUJYA DUTTA	DESIGN OF A MOBILE BAKERY UNIT AND MODIFICATION AND AUTOMATION OF DOUGH MIXER	Tezpur University	12
51	B.Tech in Mechanical Engineering	MRIDUPABAN DAS	Modeling and Simulation of Shell and Tube Heat Exchanger	Tezpur University	12
52	B.Tech in Mechanical Engineering	MANPREET SINGH	Advanced exergy analysis of an MHD power plant	Tezpur University	12
53	B.Tech in Mechanical Engineering	SWAPNANIL KASHYAP	Design and Development of Software and Hardware Modules for a Rag Picker Robot	Tezpur University	12
54	B.Tech in Mechanical Engineering	RANDEEP DUTTA	DESIGN OF A MOBILE BAKERY UNIT AND MODIFICATION AND AUTOMATION OF DOUGH MIXER	Tezpur University	12
55	M.Tech in Mechanical Engineering	MRIDUPAVAN GOGOI	Development of Numerical Flux Schemes with Improved Accuracy for Viscous-Flow Computations in High-Speed flows	Tezpur University	12

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56	M.Tech in Mechanical Engineering	UTPAL KUMAR DUTTA	PERFORMANCE OF A COMBINED POWER AND COOLING SYSTEM UNDER SOLAR, SOLAR STORAGE AND STORAGE MODE OF OPERATIONS	Tezpur University	12
57	M.Tech in Mechanical Engineering	MAUCHAMJIT BORAH	Mathematical Modelling, Analysis And Optimization Of The Heat Transfer Parameters Of A Shell And Tube Heat Exchanger Using Response Surface Methodology	Tezpur University	12
58	M.Tech in Mechanical Engineering	SURAJEET BHAGOWATI	DESIGN AND COMPARATIVE STUDY OF SHELL AND TUBE HEAT EXCHANGER WITH DIFFERENT BAFFLE CONFIGURATION	Tezpur University	12
59	M.Tech in Mechanical Engineering	DEWESH KUMAR	Investigating Dry Sliding Tribological Properties of Microalloyed Al-Cu Alloys under Rolled and Peak-Aged Condition	Tezpur University	12
60	M.Tech in Mechanical Engineering	SUBHAM BHATTACHA RJEE	Exergoeconomic Analysis of a MHD-ST Combined Power Plant	Tezpur University	12
61	M.Tech in Mechanical Engineering	ABHILASH PHUKAN	THERMAL ANALYSIS OF CANCER TREATMENT USING LATTICE BOLTZMANN METHOD	Tezpur University	12
62	M.Tech in Mechanical Engineering	ABINASH KASHYAP DEKA	3D printed exoskeleton for fracture	Tezpur University	12
63	M.Tech in Mechanical Engineering	CHINMOI AGNI BORAH	Effect of volume fraction on mechanical properties and stress analysis of grapheme nanoplatelet/epoxy laminated nanocomposite.	Tezpur University	12
64	M.Tech in Mechanical Engineering	MRINMOY GOUTOM BARUAH	Design and simulation of a solar dryer with phase change material (PCM) as thermal energy storage	Tezpur University	12
65	M.Tech in Mechanical Engineering	MUSERA SOLOMON WANYAMA	The Beneficial Effect of Rotational Autofrettage on the Inner Cracking of a Rotating Disk	Tezpur University	12
67	M.Tech in Mechanical Engineering	PRANJAL BORGHAIN	Finite element analysis of concrete railway sleeper	Tezpur University	12
68	B.Tech in Mechanical Engineering	URNIV RA DEKA	An ANN Modeling of Flow Stress as a Function of Deforming Conditions and Material Composition	Tezpur University	12
69	B.Tech in Mechanical Engineering	BITOPAN DAS	Design, analysis and improvement of a functional 3D printed venture mask valve	Tezpur University	12
70	B.Tech in Mechanical Engineering	BHARGAB BORUAH	Analysis and development of an alternative mechanism of bicycle drive	Tezpur University	12
71	B.Tech in Mechanical Engineering	RISHAV DUTTA PURKAYSTH A	Effects of initial conditions on the solutions of the two-dimensional Riemann Problem	Tezpur University	12
72	B.Tech in Mechanical Engineering	HILLUL GOGOI	Comparative analysis of flat plate and parabolic trough solar collector	Tezpur University	12
73	B.Tech in Mechanical Engineering	PALLAB SAIKIA	Study of potable water handpumps in India	Tezpur University	12

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74	B.Tech in Mechanical Engineering	BHARGAB GOGOI	PREDICTION OF NON-TRADITIONAL MACHINING PROCESS USING MACHINE LEARNING	Tezpur University	12
75	B.Tech in Mechanical Engineering	MUSTAFA SIRAJ	PREDICTION OF NON-TRADITIONAL MACHINING PROCESS USING MACHINE LEARNING	Tezpur University	12
76	B.Tech in Mechanical Engineering	JYOTIRMOY DAS	Modelling And Analysis Of Vertical-Axis Wind Turbine	Tezpur University	12
77	B.Tech in Mechanical Engineering	SATYAJIT BORAH	DESIGN AND DEVELOPMENT OF BLUETOOTH CONTROLLED FLOOR CLEANING DEVICE	Tezpur University	12
78	B.Tech in Mechanical Engineering	SOHAIL PERVEZ	Finite element analysis of synthetic and natural fiber-reinforced composites (Tentative)	Tezpur University	12
79	B.Tech in Mechanical Engineering	ANSHUMAN SAIKIA	STRESS ANALYSIS OF LAMINATED COMPOSITE USING FINITE ELEMENT ANALYSIS	Tezpur University	12
80	B.Tech in Mechanical Engineering	SASANKAJIT DIHINGIA	STRESS ANALYSIS OF LAMINATED COMPOSITE USING FINITE ELEMENT ANALYSIS	Tezpur University	12
81	B.Tech in Mechanical Engineering	RIKIRAJ BAISHYA	Modelling And Analysis Of Vertical-Axis Wind Turbine	Tezpur University	12
82	B.Tech in Mechanical Engineering	SANDEEP SHAH	Design and development of an improved tricycle (Tentative)	Tezpur University	12
83	B.Tech in Mechanical Engineering	AMBIKA SWARGIARY	Design and development of an improved tricycle (Tentative)	Tezpur University	12
84	B.Tech in Mechanical Engineering	MOUSUM RAJ SONOWAL	Analysis and development of an alternative mechanism of bicycle drive	Tezpur University	12
85	B.Tech in Mechanical Engineering	NIKUNJA NARAYAN KUMAR	DESIGN AND DEVELOPMENT OF BLUETOOTH CONTROLLED FLOOR CLEANING DEVICE	Tezpur University	12
86	B.Tech in Mechanical Engineering	AKASHDEEP CHANGMAI	Data analysis on Clustering of Flower petals using Python	Tezpur University	12
87	B.Tech in Mechanical Engineering	HARKHA JYOTI GOGOI	HEAT TRANSFER DUE TO LAMINAR FLOW OVER A WEDGE WITH VARIABLE WALL TEMPERATURE	Tezpur University	12
88	B.Tech in Mechanical Engineering	BHARGAV NATH	Comparative analysis of flat plate and parabolic trough solar collector	Tezpur University	12
89	B.Tech in Mechanical Engineering	TRISHAL BORGHAIN	Design and development of an improved tricycle (Tentative)	Tezpur University	12
90	B.Tech in Mechanical Engineering	SUDIPTA CHETIA	Analysis and development of an alternative mechanism of bicycle drive	Tezpur University	12
91	B.Tech in Mechanical Engineering	CHINMOY BARUAH	Modelling And Analysis Of Vertical-Axis Wind Turbine	Tezpur University	12
92	B.Tech in Mechanical Engineering	DIP JYOTI DAS	Data analysis on Clustering of Flower petals using Python	Tezpur University	12

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94	B.Tech in Mechanical Engineering	ABHILASH HAZARIKA	STRESS ANALYSIS OF LAMINATED COMPOSITE USING FINITE ELEMENT ANALYSIS	Tezpur University	12
95	B.Tech in Mechanical Engineering	HIMAKSHI BAISHYA	Design and development of an improved tricycle (Tentative)	Tezpur University	12
96	B.Tech in Mechanical Engineering	AROHAN NEOG	Finite element analysis of synthetic and natural fiber-reinforced composites (Tentative)	Tezpur University	12
97	B.Tech in Mechanical Engineering	JITA MALI	Design, analysis and improvement of a functional 3D printed venture mask valve	Tezpur University	12
98	B.Tech in Mechanical Engineering	PRAKASH BORO	Experimental and numerical hybrid friction stir welding of high strength similar and dissimilar metal	Tezpur University	12
99	B.Tech in Mechanical Engineering	PULASTYA ROY	Experimental and numerical hybrid friction stir welding of high strength similar and dissimilar metal	Tezpur University	12
100	B.Tech in Mechanical Engineering	SRINJOY DEY JOARDAR	Finite element analysis of synthetic and natural fiber-reinforced composites (Tentative)	Tezpur University	12
101	B.Tech in Mechanical Engineering	AADIPTA GHOSH	Experimental and numerical hybrid friction stir welding of high strength similar and dissimilar metal	Tezpur University	12
102	B.Tech in Mechanical Engineering	CHANDANJY OTI DAS	PREDICTION OF NON-TRADITIONAL MACHINING PROCESS USING MACHINE LEARNING	Tezpur University	12
103	B.Tech in Mechanical Engineering	P. NAGA SURENDRA	Design, analysis and improvement of a functional 3D printed venture mask valve	Tezpur University	12
104	B.Tech in Mechanical Engineering	VIKAS RANJAN	Development of a Mechanism for Controlling Downward Fall of an Object	Tezpur University	12
105	B.Tech in Mechanical Engineering	ROHAN SRIVASTAVA	Data analysis on Clustering of Flower petals using Python	Tezpur University	12
106	B.Tech in Mechanical Engineering	DIPANKAR KIRTONIA	Comparative analysis of flat plate and parabolic trough solar collector	Tezpur University	12
107	B.Tech in Mechanical Engineering	KULDIP KALITA	HEAT TRANSFER DUE TO LAMINAR FLOW OVER A WEDGE WITH VARIABLE WALL TEMPERATURE	Tezpur University	12
108	B.Tech in Mechanical Engineering	CHANDRANIL PURKAYSTH A	Effects of initial conditions on the solutions of the two-dimensional Riemann Problem	Tezpur University	12
109	B.Tech in Mechanical Engineering	KAPIL HAZARIKA	An ANN Modeling of Flow Stress as a Function of Deforming Conditions and Material Composition	Tezpur University	12
110	B.Tech in Mechanical Engineering	M HARSHAVAR DHAN	Effects of initial conditions on the solutions of the two-dimensional Riemann Problem	Tezpur University	12
111	B.Tech in Mechanical Engineering	DANIEL BASUMATARY	HEAT TRANSFER DUE TO LAMINAR FLOW OVER A WEDGE WITH VARIABLE WALL TEMPERATURE	Tezpur University	12

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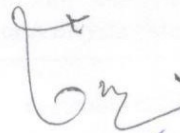
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Department of/Centre for Mechanical Engineering

11 2	B.Tech in Mechanical Engineering	SHIVAM BHARAJWAJ	Study of potable water handpumps in India	Tezpur University	12
11 3	B.Tech in Mechanical Engineering	SACHIN KR. SINGH	Development of a Mechanism for Controlling Downward Fall of an Object	Tezpur University	12
11 4	B.Tech in Mechanical Engineering	P. KIRAN KUMAR	Development of a Mechanism for Controlling Downward Fall of an Object	Tezpur University	12
11 6	B.Tech in Mechanical Engineering	VIVEK VISHWAKAR MA	Design and development of an improved tricycle (Tentative)	Tezpur University	12
11 7	B.Tech in Mechanical Engineering	PRANJIT BARUAH	Study of potable water handpumps in India	Tezpur University	12
11 8	B.Tech in Mechanical Engineering	BALVANT SINGH	An ANN Modeling of Flow Stress as a Function of Deforming Conditions and Material Composition	Tezpur University	12


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