

2021-22					
Final Year Major Project-2021-22-II-SEM					
Section: A					
S. No	Batch No.	Title of the Project	Name of the Guide	Hall Ticket No.	Student Name
1	A1	Mechanical Calculator	L. John	187R1A0315	B. Yogesh
2				187R1A0348	N Prudhvi Teja
3				187R1A0354	V Shivaji Ganesh
4	A2	Effect of Boron Carbide on the Mechanical Performance of Glass Fabric Reinforced Epoxy Composite Panels	Dr.D.Maneiah	187R1A0309	B.Manikantha Goud
5				187R1A0317	S.Adarsh Kumar
6				187R1A0350	P.Sunil Reddy
7				167R1A0312	C.Harshavardhan
8	A3	Effect of layer height and infill pattern on mechanical properties of FDM printed Antimicrobial PLA Specimen for medical application	Mr. M. Ajay Kumar	187R1A0319	C. Pradeep Kumar
9				187R1A0328	G. Madhu
10				187R1A0358	V. Nikhil Kumar
11				197R5A0366	G. Sai Kumar
12	A4	Design and Analysis of PLA Wood Triangular Infill Pattern Specimen with different printing parameters	Mr. J. Durga Prasad Reddy	187R1A0303	G. Vineeth Kumar
13				187R1A0311	M. Phani Kumar
14				187R1A0316	BVSS Pavan Kumar
15				187R1A0324	D. Shiva Reddy
16	A5	Strength Analysis of Additively manufactured tensile, compressive and flexural tri hexagonal structures printed using PLA Wood material with variations in printing parameters	Mr. J. Durga Prasad Reddy	187R1A0308	M. V. Phanendra
17				187R1A0313	B. Adarsh
18				197R5A0368	P. Shiva Sai
19				197R5A0370	A. Praveen Kumar
20	A6	A method to predict the ultimate tensile, compressive and flexural strength of 3D printing object of grid infill pattern with different printing orientation	Mr. J. Durga Prasad Reddy	187R1A0325	G. Rahul
21				187R1A0335	K. Bhargav
22				187R1A0340	M. Nikhil
23				187R1A0352	R. Hemanth
24	A7	The Investigation of parameters on mechanical characteristics of TPU produced by line Infill Pattern in FDM printer	Mr. J. Durga Prasad Reddy	187R1A0320	S. Nitish Kumar Goud
25				187R1A0329	J. Saketh Reddy
26				187R1A0333	K. Vinay Kumar
27				187R1A0356	V. Nitish Kumar
28	A8	Optimization machining parameter of abrasive water jet machining process on aluminium metal matrix	Dr. M. Shanmugasunderam	187R1A0314	N. Raj Kumar
29				187R1A0353	S. Harishwar Reddy

30	no	on aluminum metal matrix composition by response surface	Dr. M. Shanmugasundaram	187R1A0359	G. Rakesh
31		methodology		197R5A0369	Ch. Kumar

32	A9	Experimental investigation on Mechanical Properties of Hybrid Polymer matrix composites	Dr. M. Shanmugasundaram	167R1A0314	D. Ajay Kumar
33				187R1A0322	D. Om Singh
34				187R1A0326	G. Yugender
35	A10	Experimental investigation and parametric optimization of abrasive water jet machining process of hybrid metal matrix composites	Dr. M. Shanmugasundaram	187R1A0306	Kalyan Goud
36				187R1A0321	Ch. Raju
37				187R1A0338	Md. Javed
38				197R5A0367	S. Venkatesh
39	A11	Experimental investigation on Mechanical Properties of Friction stir weld metal matrix composites	Mr. L. Mangesh	187R1A0307	B. Santhosh
40				187R1A0323	V. Sai Sannihith
41				187R1A0336	M. Madhava
42				187R1A0346	N. Rakesh
43	A12	Investigation and optimization of Joining parameters to improve impact and hardness characteristics of Butt Joint Taguchi approach	Mr. L. Mangesh	187R1A0327	G. Srinivas
44				187R1A0343	Mohammed Khadeer Ali
45				187R1A0344	M.Mahesh
46				187R1A0357	V.Ravi Teja
47	A13	Optimization of welding parameters to improve tensile properties of friction stir weld dissimilar metal matrix composites	Mr. L. Mangesh	167R1A0326	K Laxmi Narayana
48				177R1A0340	K Akshay Kumar
49				177R1A0346	N Sai Preeth
50				177R1A0393	Puduru Likith
51	A14	A Welding Parameters optimization to improve mechanical properties of friction stir weld aluminium metal matrix composites	Mr. L. Mangesh	187R1A0318	CM. Vamshi Krishna
52				187R1A0331	Karnati Kumar
53				187R1A0337	M. Madhav Reddy
54				187R1A0345	N. Vivekananda Goud
55	A15	Fly wheel Energy Storage System	K.Rajanikanth	187R1A0339	MD.Parvez Sohail
56				187R1A0341	Mohammed Arbaz Shareef
57				187R1A0342	Mohammed Azahar Hussain
58				187R1A0304	Azmeera Upender Naik

Section: B					
S.NO.	Batch	Project Title	Guide	Roll No.	Name of the student
1	B1	DESIGN AND FABRICATION OF BELOW KNEE PROSTHETICS FOR DISABLED PEOPLE	Dr.M.SHUNMUGASUNDARAM	187R5A03B1	M VARUN KUMAR
2				187R5A0364	A VISHAL VARMA
3				187R1A0370	D HARI PRASAD
4				187R1A0387	M BHANU
5	B2	CRASH WORTHINESS ANALYSIS ON FDM FABRICATED CONE STRUCTURE UNDER UNI-AXIAL	Dr. D. MANEIAH	187R1A0382	J MEGHANA
6				187R1A0371	E DINESH GOUD
7				187R1A03B2	A TARUN

8		COMPRESSION LOADING		187R1A03C1	V HARSHA VARDHAN
9	B3	FABRICATION AND INVESTIGATION OF ADDITIVE MANUFACTURED PYRAMID STRUCTURE OF EFFECTIVE ENERGY ABSORPTION INVESTIGATION ON	Dr.M.SHUNMUGASUNDARAM	187R1A0368	B SREELEKHA
10				187R1A0363	T AKASH
11				187R1A03C3	K VENKATESH
12				187R1A0367	B LIKITH
13	B4	MECHANICAL PROPERTIES OF BASALT AND CARBON HYBRID POLYMER COMPOSITE MATERIAL BY VACUUM	Dr. D. MANEIAH	187R1A0365	P YOSHITHA
14				187R1A0362	A SAI GANESH
15				187R1A0372	B SUMAN
16				187R1A03B0	S AKHIL
17	B5	STUDY OF TENSILE MECHANICAL AND INTERLAMINAR SHEAR STRENGTH OF HYBRID KEVLAR / BASALT REINFORCED POLYMER MATRIX COMPOSITE EVALUATION OF MECHANICAL	Mr.G. KRANTHI KUMAR	187R1A0376	G SHIREESHA
18				187R1A0381	G PEEYUSH THANVI
19				187R1A0392	M SUDHIR PAUL
20				187R1A0399	S SAKETH
21	B6	PROPERTIES OF VACUUM BAGGED CARBONS AND KEVLAR FIBER REINFORCED HYBRID POLYMER MATRIX EXPERIMENTAL	Mr.G. MUKESH	187R1A0385	K SHIVANI
22				187R1A03B9	V M V SURYA VAMSHI
23				187R1A03A9	S ARUN
24				187R1A03A8	V VINAY SWAPNIL
25	B7	INVESTIGATION AND PARAMETERS OPTIMIZATION OF ABRASIVE WATER JET MACHINING PROCESS FOR MAXIMISING METAL REMOVAL	Dr. KURSAM KRISHANA	187R1A03B5	T SHIVA SURYA NARAYANA
26				187R1A03A7	SHAIK SAIFUDDIN
27				187R1A0369	B H ANURAG
28				187R1A0398	M AJAY SIMHA
29	B8	DESIGN AND OPTIMIZATION OF SOLAR WATER HEATER USING FRESNEL LENS	Mr.K. RAJINIKANTH	187R1A03A1	P YASHWANTH REDDY
30				187R1A0389	M SAGAR
31				187R1A03B7	V NAGARAJU
32				187R1A0386	K NARASIMHA
33	B9	FABRICATION OF SQUARE INSCRIBED STRUCTURES USING FUSED DEPOSITION MODELING	Mr.M. GOUTHAMUNESWARA RAO	197R5A0372	A SAI PRANAV
34				197R5A0373	K KALYAN PHANI NARASIMHA
35				197R5A0374	K RAKESH
36				187R1A0383	K SUDHIR YADAV
37	B10	OPTIMIZATION OF PRINTING PARAMETERS IN FUSED DEPOSITION MODELING FOR IMPROVING MECHANICAL PROPERTIES BY RESPONSE MECHANICAL	Dr.M.SHUNMUGASUNDARAM	177R1A0348	V HEMANTH
38				177R1A03B6	K SUDARSHAN
39				167R1A0378	T JAGADEESH
40				167R1A0343	P RAJA SHEKAR
41	B11	CHARACTERIZATION OF HYBRID KEVLAR/GLASS REINFORCED POLYMER	Mrs.D..SRAVANI	177R1A0326	V MANISH
42				177R1A0321	D AMANULLA KHAN
43				177R1A0343	M SAI RAM REDDY

44	B12	REINFORCED POLYMER MATRIX COMPOSITE EFFECT ON MECHANICAL	Mr.M. AJAY KUMAR	177R1A0390	P AJAY
45		PROPERTIES OF FDM PRINTED		187R1A03A0	P MURALI
46		ANTIMICROBIAL PLA		187R1A03B3	TANDA AKHIL SAI
47		SPECIMENS FOR MEDICAL		187R1A0377	GUNDA PRANAY
48		APPLICATIONS		187R1A0380	JADAV ARJUN
49	B13	OPTIMIZATION OF JOINING	Dr.M.SHUNMUGASUNDARAM	177R1A03A2	AYITI TARUN
50		PARAMETERS ON MECHANICAL		177R1A0313	CHINTHALA MADHU
51		PROPERTIES OF FRICTION STIR		177R1A0364	ERRABOINA SAI KIRAN
52		WELD HYBRID METAL MATRIX COMPOSITES		177R1A0324	DINTAKURTHI SRI HARI PHANIDRA
53	B14	FABRICATION AND EXPERIMENTAL	Mr.G. MUKESH	187R1A0375	DESHABOINA VIGNAN
54		INVESTIGATION OF NANO		187R1A03B6	V R LOHIT HARSHA
55		INFUSED POLYMER		187R1A03A6	SHAIK KADHAR BABA
56		MATRIX COMPOSITE USING VACUUM BAGGING		187R1A03B4	MANDA YASHWANTH REDDY
57	B15	MAXIMIZATION OF MATERIAL	Mr.D.NAGESWARA RAO	187R1A0394	MEKAPOTHULA NITHIN GOUD
58		REMOVAL RATE OF ABRASIVE		187R1A0374	G SHARAN KUMAR
59		WATER JET MACHINED METAL		187R1A0378	GARIKIPATI GOPINATH
60		MATRIX COMPOSITE BY TAGUCHI APPROCH		187R1A03A3	P ARAVIND

Section: C					
S.NO.	Batch	Project Title	Guide	Roll No.	Name of the Student
1	C1	EXPERIMENTAL	Dr.D.MANEIAH	197R5A0329	GAMPA SARVESH
2		INVESTIGATION ON		197R5A0312	UBBALA VENU
3		MECHANICAL PROPERTIES OF		197R5A0345	A VENU MADHAV
4		GLASS AND KEVLAR POLYMER MATRIX COMPOSITE		197R5A0339	BHUKYA SASHIVARMA
5	C2	A STUDY ON COMPRESSIVE	Mr.G.MUKESH	197R5A0308	PADERU HARISH KUMAR
6		PROPERTIES OF FUSED		197R5A0310	BURRA NIKHIL REDDY
7		DEPOSITION MODELLING		197R5A0341	R VENU CHARY
8		FABRICATED STRUCTURES		197R5A0347	K VAMSI KRISHNA
9	C3	OPTIMIZATION OF MACHINING	Dr.M.SHUNMUGASUNDARAM	197R5A0302	R PRASHANTH KUMAR
10		PARAMETERS OF ABRASIVE		197R5A0304	PATEL OMPRAKASH
11		WATERJET MACHINING		197R5A0322	SAILLA VENKATESH
12		PROCESS TO MAXIMIZE MATERIAL REMOVAL RATE OF		197R5A0311	K HUZAIFA UDDIN

13	C4	WATER DISTILLATION METHOD BY FRESNEL LENS USING SOLAR POWER	Mr.L.JOHN	197R5A0335	SETTEM VENKATA KUSAL
14				197R5A0332	RAPARTHI AKHIL
15				197R5A0303	K VENKATA NARASIMHA
16				197R5A0361	ANNARAPU JASHWANTH
17	C5	EXPERIMENT INVESTIGATION OF TENSILE, FLEXURAL, INTERLAMINAR SHEAR STRENGTH OF VACUUM BAGGED NANO INFUSED	Mr.G.KRANTHI KUMAR	197R5A0316	N AKHILKUMAR
18				197R5A0320	P MANEESH VIKRAM
19				197R5A0321	PONNOJU ROHITH
20				197R5A0364	ASAGONI MADAN GOUD
21	C6	EXPERIMENTAL INVESTIGATION ON ADDITIVE MANUFACTURED STRUCTURES UNDER COMPRESSIVE LOADING	Dr.D.MANEIAH	197R5A0348	PREMKUMAR MADDURI
22				197R5A0338	THOKALA SUJITH
23				197R5A0359	B VISHNU VARDHAN
24				197R5A0362	CHIMMULA UDAY KUMAR
25	C7	DESIGN AND FABRICATION OF BELOW KNEE PROSTHETICS LEGS OF DISABLED PEOPLE	Dr.M.SHUNMUGASUNDARAM	197R5A0307	BOMMANA GANESH
26				197R5A0319	BIST BHARATH
27				197R5A0336	M SUDARSHAN
28				197R5A0363	N SAI PRANEETH
29	C8	A STUDY ON MECHANICAL PROPERTIES OF THE HYBRID KEVLAR GLASS AND BASALT FIBER REINFORCED COMPOSITES	Dr.M.SHUNMUGASUNDARAM	197R5A0349	SOWMITHRI BHARADWAJ
30				197R5A0342	KANDIKATLA VINAY
31				197R5A0358	B ABHISHEK
32				197R5A0328	LANKA RAVITEJA
33	C9	CRASHWORTHINESS ANALYSIS OF FDM FABRICATED THIN WLLLED STRUCTRUES UNDER UNIAXIALLY COMPRESSION LAODING	Mr.K.RAJINIKANTH	197R5A0301	P VINOD KUMAR
34				197R5A0305	PAMPARI RAHUL
35				197R5A0306	SHINDE ESHWAR
36				197R5A0357	LAVUDYA UDAYKIRAN
37	C10	OPTIIZATION OF MACHINING PARAMETERS OF WATERJET MACHINING PROCESS ON HYBRID METAL MATRIX COMPOSITE	Dr.M.SHUNMUGASUNDARAM	197R5A0351	ANNAM SAITEJA
38				197R5A0352	Y PAVAN KUMAR
39				197R5A0325	R NIKHIL GOUD
40				197R5A0331	K BHANU PRASAD GOUD
41	C11	DESIGN AN ANALYSIS OF INTEGRATING FRAME IN BICYCLE FOR PORTABLE REFRIGERATOR	Mr.L.JOHN	197R5A0334	DHACHARAM ABHISHEK
42				197R5A0337	P CHANDRA SHEKHAR
43				197R5A0324	M SAI VENKATESH
44				197R5A0355	KEESARI RAJENDAR

45	C12	FABRICATION OF BASALT AND GLASS FIBER REINFORCED COMPOSITE TO MAXIMIZE THE MECHANICAL PROPERTIES	Mr.GOWTHA MUNESWARA RAO	197R5A0326	R SAMPATH REDDY
46				197R5A0327	BEEPETA SANDEEP
47				197R5A0340	GASIGANTI THARUN
48				197R5A0343	KONAKANCHI MADHU
49	C13	EXPERIMENTAL INVESTIGATION ON 3D PRINTED CONE STRUCTURE BY COMPRESSIVE STRENGTH	Mrs.K.YAMINI REDDY	197R5A0360	M AVINASH
50				197R5A0315	PONNAM RACHANA
51				197R5A0346	ADKI SAI TARUN KUMAR
52				197R5A0313	MALAKADI SUMAN
53	C14	EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF FRICTION STIR WELD HYBRID METAL MATRIX COMPOSITES	Dr.M.SHUNMUGASUNDARAM	197R5A0314	M SHYAMSUNDAR
54				197R5A0350	B VAMSISHARAT CHANDRA
55				197R5A0354	ANNAM ABHISHEK
56				197R5A0365	RAVULA AKHIL
57	C15	MECHANICAL CHARACTERIZATION OF 3D PRINTING OF CONTINUOUS CARBON FIBER REINFORCED PLA COMPOSITES	Mr.KURSAM KRISHANA	197R5A0353	ERUKULA NARSIMHA
58				197R5A0333	CH SRIKANTH REDDY
59				197R5A0330	M SAI KIRAN REDDY
60				197R5A0356	O AKHIL FANINDER
61	C16	INVESTIGATION ON TENSILE FLEXURAL AND INTERLAMINAR SHEAR STRENGTH OF CARBON AND	Mr.G.MUKESH	197R5A0318	UDMEER SUMITHRA
62				197R5A0317	BANOTH SANDHYA
63				197R5A0323	MAHARAJU PRIYANKA