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Kandlakoya (V), Medchal Road, Hyderabad- 501 401, Telangana
Estd: 2009

Mechanical 4A (2017 - 2021) - Major Project List

Batch No.	H.T. No. of the Student	Name of the Student	Name of the Faculty Guide	Title of the Project
A1	177R1A0304	ALLE UNESH	Dr. D. Maneiah	A study of tensile and Flexural properties of Additively Manufactured carbon fiber reinforced polymer composites
	177R1A0322	KOMMU ARUN		
	177R1A0316	GAJAM NITHIN		
	177R1A0332	POTHARAJU RAJESH KUMAR		
A2	187R5A0314	JANGA SHIVA SHANKAR	Dr.M.Shunmugasundaram	Investigation of compressive strength of basalt fiber reinforced epoxy composite circular tubes
	187R5A0316	PATLOLLA KAUSHIK REDDY		
	187R5A0325	M HANUMANTHU		
	157R1A0344	NOOR MOHAMMAD		
A3	177R1A0307	BADIPATI PRASAD KUMAR	Dr.M.Shunmugasundaram	Fabrication and experimental investigation of hybrid twill woven fabric conical composite tubes
	177R1A0342	M VAMSHI KRISHNA REDDY		
	177R1A0330	G SREENATH REDDY		
	177R1A0311	B VENKATA ANIL		
A4	177R1A0323	LAKSHMI DEEPIKA JANGALA	Mr.M. Ajay Kumar	Crashworthiness analysis of tubular inscribed polygon structures for effective energy absorption
	187R5A0317	SHAIK IMRAN		
	187R5A0320	KOPPULA UTHEJ		
A5	187R5A0302	PILLALAMARRI SEETHARAM	Mr.S. Lohith Reddy	Compressive strength analysis of hybrid fiber reinforced epoxy bi-tubular composite tubes
	187R5A0303	SM WASIF AMIR		
	187R5A0304	GANARAJU GANESH VARMA		
A6	187R5A0301	KARRE MADHUKAR	Mr.L.Mangesh	Crushing behaviour investigation of glass fiber reinforced epoxy composite conical tubes
	187R5A0307	GUDHIGONDA KAVYA SREE		
	187R5A0324	GAMPA NIKHIL KUMAR		
A7	177R1A0337	SHIKHA	Dr.M.Shunmugasundaram	Process parameters optimization of additive manufactured polymers for maximizing tensile strength by Taguchi approach
	187R5A0305	CHITUKULA SAI VIDYA		
	187R5A0311	KOTAGIRI SWAPNA		

	167R1A0351	ANEBOYINA JASHWANTH		Taguchi approach
A8	177R1A0317	GANGISHETTY	Mr.M. Ajay Kumar	Optimization of printing parameters of 3d printed polymer specimens for improving mechanical properties by response surface methodology
	177R1A0308	BHANOTHU SAIKUMAR		
	177R1A0319	GENTYALA SRAVAN KUMAR		
	167R1A03D7	YARAMALA SUMANTH		
A9	187R5A0313	PEDDI HARISH	Dr.M.Shunmugasundaram	Design and fabrication of a dual Extruder with single nozzle fused deposition modelling machine
	187R5A0315	GUNDA SRINESH KUMAR		
	187R5A0321	R KIRAN KUMAR		
A10	177R1A0325	MAJJI SAI KUMAR	Mr.G. Kranthi Kumar	Fabrication and investigation of cylindrical structures with keyway by additive manufacturing for effective energy absorption
	177R1A0335	SALE VINEETH KUMAR		
	177R1A0336	SANDIGARU VIKRAM REDDY		
	177R1A0349	BANOTH NARESH		
A11	187R5A0318	METTU MUKESH	Mr.L.Mangesh	Experimental investigation of hybrid composite panels to determine its vibration and bending load characteristics
	187R5A0319	METTU JEEVAN		
	157R1A0301	AHMED BIN ALI		
	187R5A0312	P PRANEETH		
A12	177R1A0339	THALLA SHYAM KUMAR	Dr.M.Shunmugasundaram	Design and fabrication of below knee prosthetics by fused deposition modelling machine
	177R1A0312	VADLA ANIL CHARY		
	177R1A0302	AKITI ALEKYA		
	157R1A0324	GADEELA SANDEEP		
A13	177R1A0310	BOINI KIRAN	Dr. D. Maneiah	Mechanical characterization of 3D printing of continuous carbon fiber reinforced nylon composites
	177R1A0314	DEVULAPALLY NAGA SREEKAR		
	177R1A0315	DESU VENKATA SAI JAYANTH		
A14	177R1A0329	MOHAMMED RIYAZ BABA	Mr.L.Mangesh	Experimental investigation of 3d printed tensile and flexural specimens using carbon fiber reinforced nylon composites
	177R1A0350	YAGGADI MAHENDRA		
	177R1A0338	SRIPADHA SAI DEEPAK		
A15	187R5A0306	GADDAM ROJA	Dr.M.Shunmugasundaram	Crashworthiness analysis on additive manufactured thin walled structures under uniaxial compressive loading
	187R5A0309	A PREETHI		
	187R5A0310	KASULA NANDINI		

A16	177R1A0301	ABHISTA CHIDAMBER ATCHUTUNI	Dr. D. Maneiah	Optimization of printing parameters of fused deposition modelling machine to maximize the mechanical properties of polymers by Grey Relational Analysis
	177R1A0303	AMAN SINGH		
	177R1A0306	AMMU ABHISEKH		
	167R1A0377	HARSH KABRA		
A17	187R5A0322	S AJAY KUMAR	Mr.S. Lohith Reddy	Vibration and bending load characteristic analysis of hybrid polymer matrix composite fabricated by vacuum bagging method
	187R5A0323	M UPENDER REDDY		
	187R5A0308	BHUKYA HARIKA		
	177R5A0327	K SUNIL KUMAR		
A18	177R1A0328	MOHAMMED AKBAR AHMED	Mr.G.Mukesh	Effect of Infill pattern and infill percentage on compression behaviour of 3d printed cellular structures
	177R1A0341	THUMMA RAJESH		
	167R1A0376	MOHAMMED ABRAAR		
	177R1A0345	MOHAMMED AREEB		

Mechanical 4B (2017 - 2021) - Major Project List

Batch No.	H.T. No. of the Student	Name of the Student	Name of the Faculty Guide	Title of the Project
B-1	177R1A0362	DEVARAM SURESH REDDY	S.Lohith Reddy	Influence of Infill pattern and infill percentage on Compression behavior of 3D Printed cellular structures
	177R1A0370	KASAMONI VAMSHI KRISHNA		
	177R1A0395	RIKKALA DEEPAK REDDY		
	177R1A03A0	VASARI MAHESH		
B-2	177R1A0352	ADDAGARLA RAGHAVENDRA	Dr. Shunmugasundaram	Experimental Investigation of Compression Properties of Composites with 3D-Printed Cellular Structure
	177R1A0357	BHASAVAPURAM SAI KALYAN		
	177R1A0372	KATLA BHARADWAJ		
	177R1A0385	NALLA HARISH		
B-3	187R5A0334	J RAMESH	J.Durga Prasad Reddy	Process Parameters Based Fused Deposition Modelling For Printing The Tensile Test Specimens Of ABS Material
	187R5A0335	K MOHAN SOMA SHEKAR		
	187R5A0339	G VIVEKANANDA		
	187R5A0349	ERASARAPU SUDHEER		
B-4	177R1A0365	JANGILI SAMPATH	K.Rajanikanth	Process Parameters Based Fused Deposition Modelling For Printing The Compression Test Specimens Of ABS Materials
	177R1A0377	LAMBU ANIL REDDY		
	187R5A0326	ALLURI JAYA RAMA RAJU		
	187R5A0337	K PAVAN KUMAR		

B-5	177R1A0356	BANDARU SHASHI KUMAR	J.Durga Prasad Reddy	Process Parameters Based Fused Deposition Modelling For Printing The FlexuralTest Specimens Of ABS Materials
	177R1A0388	P PAVAN		
	177R1A0389	P RAMSAI		
	187R5A0338	D BHARATH KUMAR		
B-6	187R5A0327	KAVURU RAVI TEJA	L.John	Automated temperature proximity detector
	187R5A0329	PASUMARTHI KISHORE KUMAR		
	187R5A0336	Y G SHIVA PRASAD		
	187R5A0348	SHEIK JANI		
B-7	187R5A0328	M PRASHANTH	L. Mangesh	A Study of Vaccum Infused Hybrid Basalt, Carbon and Nano Infilled Polymer matrix Composite
	177R1A0355	BANAVATH MALLESH		
	177R1A0366	K CHANDULAL		
	177R1A0367	KANDURI RAJESH		
B-8	187R5A0330	SHAIK SONDU	M.Gowthamuneswara Rao	Experimental Analysis on Compression behaviour of three-dimensional printed cellular structures
	187R5A0331	BANDAPALLI MANIKANTA		
	187R5A0332	S PRAVEEN		
	187R5A0333	K GANDHI		
B-9	177R1A0396	RYALA BHANU PRAKASH	Dr.M.Shunmugasundram	Investigation On Mechanical Behavior Of Vacuum Assisted Neem Fiber Composite For Structural Applications.
	177R1A0384	NAIK RAJATH		
	187R5A0346	KANDUNURI SRAVANKUMAR		
	187R5A0351	THOUTAM NAVEEN		
B-10	177R1A0380	MOHAMMED YOUNUS	L.John	Robotic Arm Powered Terrain Vehicle
	177R1A0381	MUNIGALA DHEERAJ		
	177R1A0382	MUNJAM NAVEEN KUMAR		
	177R1A0387	NALLAPU C V S SATYA SAI		
B-11	177R1A0363	DOPPALA UMESH	M.Ajay kumar	Design & Fabrication of ATV Chassis
	177R1A0368	KAPILAVAYI AJAY KUMAR		
	177R1A0373	KELAVATH GANGADHAR		
	177R1A0375	KOUSHIK SHAGANTI		
B-12	177R1A0398	VISLAVATH NAVEEN	G.Kranthi	Experimental investigation and Process parameters optimization of additive manufactured polymer by Taguchi approach
	187R5A0341	KALAKONDA VENKATESH		
	187R5A0342	KORIPELLI RAMA KRISHNA		
	177R1A0360	CHAKALI VEERESHAM		
B-13	177R1A0378	MOHAMMED AKBER ALI	L. Mangesh	Experimental Investigation on tensile and flexural properties of vaccum infused areca fibre reinforced composites
	177R1A0379	MOHAMMED SAMEER		
	177R1A0359	CHAKALI VAMSHI KISHORE		
	177R1A0399	Y SAI KRISHNA		
B-14	177R1A0351	ADAVELLI DILEEP	L. Mangesh	Experimental investigation on the axial impact characteristics of composite bitubular structures 'Glass and Carbon'
	177R1A0383	MUPPIDI DILIP		
	177R1A0386	NALLAGONDA RAJESH		
	177R1A0397	SIRIGANGARI MOHANREDDY		
B-15	177R1A0374	KONDA AJAY	K.Yamini Reddy	Fabrication and Analysis ofTensile & Flexural Behavior Of KENAF FIBRE Reinforced Composites.
	187R5A0340	BONAGIRI AJAY		
	187R5A0345	VODNALA MANIKANTH		
	187R5A0350	A ARUN KUMAR		
	177R1A0358	BHUKYA RAJESH NAYAK		Evaluation of Mechanical Properties
	177R1A0353	KONGA AKHIL		

B-16	187R5A0347	BATHINI NIKHIL YADAV	Dr.D.Maneiah	Of Vaccum Infused Hybrid KENAF Fiber Reinforced Composite
	177R5A0342	BILLA MAHESH		
B-17	187R5A0343	MUTHE VENKATESH	K.Yamini Reddy	Flexural Testing and performance analysis of 3d printed poly lactic acid
	187R5A0344	SANGANI RAMESH		
	177R1A0391	PIDUGU RAJENDAR		

Mechanical 4C (2017 - 2021) - Major Project List

Batch No.	H.T. No. of the Student	Name of the Student	Name of the Faculty Guide	Title of the Project
C1	177R1A03A4	BAKKOLLA RAGHUVEER	Mr.L.Mangesh	Design and Analysis of conical tubular structures for mitigation of Initial peak force
	177R1A03A5	B RAJU		
	177R1A03A6	BOLGAM PARSHA RAMULU		
	167R1A03D3	V MANIDEEP		
C2	177R1A03A1	AKULWAR RAVITEJA	Dr.D.Maneiah	Design and Analysis of square tubular structures for effective energy absorption
	177R1A03A7	CHIRUMAMILLA PRADEEP		
	177R1A03B7	K BHANU PRASAD		
	177R1A0320	NAVEEN T		
C3	177R1A03B2	GODIKE NACHIKETH	Mr. D. Nageswararao	Development of hybrid Aluminum honeycomb sandwich composites for protective structures
	177R1A03C3	MUVVA NAVEEN		
	177R1A03C7	MULA UDAY		
	177R1A03C8	V SHASHIKANTH		
C4	177R1A03A3	A CHARAN TEJA	Mr. D. Nageswararao	Design and development of an energy absorbing tubes for crashworthiness applications
	177R1A03B0	GADDAM UPENDRA		
	177R1A03B9	KUNDANAM OMKAR		
C5	177R1A03B4	K SRIKAR	Mr.L.Mangesh	Fabrication of 3D printed polymer composite lattice structures
	177R1A03B1	G.SAI PHANINDRA SHARMA		
	187R5A0352	N VIJAY KUMAR REDDY		
C6	187R5A0353	S SAI RAGHU VAMSHI	Mr.K.Rajanikanth	Preparation of specimens using additive manufacturing method to estimate flexural loading
	187R5A0365	R SAI MURALI		
	187R5A0376	A ARUN KUMAR		
C7	187R5A0354	ANKAM SNEHITH	Mrs. D. Sravani	Development of flax-glass fabric reinfoecced Aluminum honeycomb sandwich composites for crashworthy structures
	187R5A0367	T SRIKANTH		
	187R5A0366	CH VAMSHI KRISHNA		
	167R1A03E1	C SANDEEP		
C8	177R1A03C2	M VIJAY CHANDRA	Dr. M. Shunmugasundaram	Design of below knee prosthetics
	187R5A0355	THATIKONDA CHARAN TEJ		
	187R5A0369	K NAVEEN CHARY		
C9	177R1A03C9	PATTA GYANADEEP	Dr. M. Shunmugasundaram	Fabrication of polymer composite cellular elements using additive manufacturing technique
	177R1A03C4	MALLAM SRAVAN KUMAR		
	177R1A03C6	P BHANU PRAKESH		
C10	177R1A03C5	M NAVEEN KUMAR	Dr. M. Shunmugasundaram	Design and Fabrication of dual nozzle 3D printer
	177R1A03C0	M MANISWAR REDDY		
	177R1A03B3	GODUGU VAMSHIKRISHNA		
	177R1A03A9	EKKURTHI SUMAN		

C11	177R1A03B5	GUDEM HARSHAVARDHAN	Mr.K.Rajanikanth	Development of nano filler based kenaf fiber reinforced polymer composite structures
	177R1A03D0	PENDLI HARI KRISHNA		
	187R5A0377	CHALLURI RAKESH		
	187R5A0378	SANDELA SAIKUMAR		
C12	187R5A0356	KORABOINA SAI TEJA	Dr. M. Shunmugasundaram	Fabrication of hybrid composite panels to determine its vibration and bending load characteristics
	177R1A03D1	SANABOINA DEVI PRASAD		
	187R5A0382	A AVINASH GOUD		
	187R5A0358	DANDEM SAI TEJA		
C13	187R5A0357	C SAI VENKATA HARSHAVARDHAN	Mr. M. Gowthamuneswararao	Preparation of Lightweight Sandwich Structures by Fused Deposition modelling technique
	187R5A0363	D SAI CHARAN REDDY		
	187R5A0362	K SRIKANTH		
C14	187R5A0360	K ROHITH REDDY	Mr. M. Gowthamuneswararao	Design and development of an cylindrical tubes wwith various stiffeners for axial loading
	177R5A0366	N BUTCHIBABU		
	187R5A0381	D MANOHAR		
C15	187R5A0371	S SAI RAHUL GUPTHA	Mr.L.Mangesh	Fabrication of hybrid composite panels to determine its vibration and bending load characteristics
	187R5A0372	G PAVAN KUMAR YADAV		
	177R1A03B8	KADAGONI MAHENDAR		
	187R5A0374	KALLEPALLI BHARADWAJ		
C16	187R5A0380	YADA MANISH BHARGAV	Dr. D. Maneiah	Fabriation of samples using fused deposition modelling method to determine its tensile strength
	187R5A0384	M RAMESH		
	187R5A0379	CHANDA SACHIN SAI		
C17	187R5A0370	P ANIRUDH	Dr. D. Maneiah	Preparation of test specimens using 3D printing method to estimate flexural loading
	187R5A0373	MD SOHAIL AMAAM		
	187R5A0375	B MANI HARSHAD		
C18	187R5A0364	P VISHWA TEJA	Dr. M. Shunmugasundaram	Preparation of hybrid flax and glass fabric reinforced nano composite panels
	187R5A0361	G VIPUL		
	187R5A0359	M SURESH		
	187R5A0368	A SRINIVAS		