



Department of Mechanical Engineering

The following is the list of project batches with the titles of IV B.Tech II sem A Section for the AY 2023 -2024.

Batch	H.T.No	Name of the student	Guide Name	project Title
A 1	20701A0312	PASUPULETI BHARGAVA SREENIVAS	N RAGHUNATH	Development of Hybrid composite by reinforced with nano particles (TiO ₂ and BaSO ₄) in to AL 7075 using Stir casting process
	20701A0311	DARURU BHARATH		
	20701A0320	MURI DILEEP KUMAR REDDY		
	20701A0309	RENU AYYAPPA SAI		
A 2	20701A0342	CHIGILI NARASIMHA	K. AJAYA KUMAR REDDY	Improved bioactivity and corrosion resistance of PEO coated ZM21 magnesium alloy by incorporating mineral compound for biomedical applications
	20701A0334	DERANGULA MADHU MOHAN		
	20701A0337	SHAIK MOHAMMAD SOHAIL		
	20701A0336	SHAIK MANSOOR ALI		
A 3	20701A0318	VENNA DEVENDRA REDDY	N.KISHORE KUMAR	mechanical and Corrosion behaviour of AL7075 metal matrix composite by Sitrcasting process and Barity & Chromium as reinforcement
	20701A0305	KANAPURAM ADARSH		
	20701A0316	NALLAGATLA CHARAN KUMAR		
	20701A0331	JARUGUMALLI KASI VISWANADH		
A 4	20701A0317	KADAPA DASTAGIRI	N. JAYA KRISHNA	Optimization of machining parameters on milling machine on Magnesium alloy
	20701A0323	KUNIGIRI GANESH		
	20701A0347	YEDURLAPALLI NAVEEN		
	20701A0333	AKETI MADHAN MOHAN RAJU		
	20705A0324	KOMATINENI GOPI TRIVEN		
A 5	20701A0325	NANDYALA GANGA SAGAR	V. VENKATESH	Synthesis and Characterization of Diposide / Strontium-Doped Diopside for Bone Tissue Engineering Applications
	20701A0330	NARLA JITHENDRA REDDY		
	20701A0329	PATRA HAREESH		
	20701A0331	DASARI HARI VARAPRASAD		
A 6	20701A0314	KOMMIREDDY CHANDAN KUMAR REDDY	N.KEERTHI	Design and optimization of machining parameters for Al 7075 effective metal removal rate during milling operation
	20701A0351	SINGAM SETTY PAVAN KALYAN		
	20701A0301	SHAIK ABDUL NASEER		
	20701A0345	KADIRI NAVEEN KUMAR REDDY		
A 7	20701A0328	ALLI GURU LOKESH	Dr. N. SIVA RAMI REDDY	Simultaneous scheduling of machines and AGVs using Black Widow Spider Optimization Algorithm
	20701A0327	NANDALURU GOVARDHAN REDDY		
	20701A0326	VEMA GIRIPRAKASH		
	19701A0337	DUNGAVATH SAI GANESH NAIK		
A 8	20701A0339	KAMME MURALI	N.KEERTHI	A Noval composite phase change material of Hexa-Deconol with carbonized wood char for Thermal storage
	20701A0343	SHAIK NASEER		
	20701A0341	YELLANOORU NANDA KRISHNA		
	20701A0335	ATAGANI MANOJ KUMAR		
A 9	20701A0304	PINJARI ABID SAMEER	S. M. SALEEMUDDIN	IOT based Rotor vibration Monitoring for Machinery Health
	20701A0332	GUNTHA LAKSHMI NARASIMHA		
	20701A0306	CHIKKISSETTI AKHILESH		
	20701A0302	SHAIK ABDUL RAWOOF		
	19701A0334	MASULA RAJESH		
A 10	20701A0344	KURUVA NAVEEN KUMAR	N. NAGARAJU	Development and Mechnaical characterization of TPMS lattice structure for Bone tissue nt using 3D printing
	20701A0313	VARTHE BHOJENDRA NAIK		
	20701A0349	YAMAVARAM OM DHARANEESHWAR		
	20701A0315	KONDOORU CHARAN		
A 11	20701A0319	BUDDA DHARANI KUMAR REDDY	R.V.N.R. SURYA PRAKASH	Design and Thermal Analysis of Additively manufactured in conformal cooling channels used in injection mould
	20701A0310	NAGARURU BABU		
	20701A0321	BUDIGI DURGA PAVAN		
	20701A0322	GANESH KUMAR SINGIRI		
	19701A0328	SIDDAVARAM NARENDRA SAI		
A 12	20701A0303	SAYYAD ABDULKHADAR	G. AMARNATH	Improving Surface charcaterstics and Tribological behaviour of wire arc additive manufactured AL6063materail by laser shot peening process
	20701A0307	PHANIBAND AMANULLA KHAN		
	20701A0348	DEVIREDDY NIRANJAN REDDY		
	20701A0308	CHITTIBOINA ANKANNA		

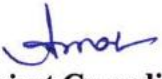
Department of Mechanical Engineering


Following is the list of project batches with titles for the academic project work (2023-2024).

Year: IV

Section: B

Batch	H.T.No	Name of the student	Guide Name	Project Title
B1	20701A0355	ENTURI PRASAD	G. ESWARA BALACHAN DRA	Fabrication of Solar Grass Cutter Using IOT.
	20701A03A2	B VINAY KUMAR REDDY		
	20701A0387	K VAMSI SAI GOUD		
	20701A0392	C V DINESH KUMAR		
B2	20701A0364	M RAVIKANTH REDDY	G. AMARNATH	Improve In Tribological Behaviour Of HSS Material By Dimple Texturing With MoS2-TiO2 Composite Coating.
	20701A0365	G S PRANAY TEJA REDDY		
	20701A0381	K SUDHARSHAN REDDY		
	20701A0361	YENNARI RAKESH		
B3	20701A0395	M V NARASIMHA	C. THIRUPATH AIAH	Experimental investigation & comparative study of CNC Drilling process parameter by factorial methods with Taguchi method on Aluminium
	20701A0384	V THARUNKUMAR		
	20701A0389	R VARUN KUMAR		
	20701A03A6	K YOGANANDA		
B4	20701A0367	M SAINATH REDDY	B. SANTHOSH KUMAR	CFD analysis on concentric tube heat exchanger thermal performance by using nano fluids.
	20701A0359	V RAJASEKHAR REDDY		
	20701A0382	B SUDHEER		
	20701A0378	D SIVA SAI		
B5	20701A0363	P RAVI TEJA	Dr. P.V. SANJEEVA KUMAR	Fabrication Of Aluminium Coated With Glass Fiber And Arca Fiber Reinforced Polyester Composite.
	20701A0373	S SHAMSHARVALI		
	20701A03A3	P V VARDHAN REDDY		
	20701A0369	SANJAMALA SAMEER		
B6	20701A0358	K B RAJA SEKHAR	C. RAMANJANE YULU	An Experimental Approach To Study The Thermal Performance Of Cetyl Alcohol And Titanium Dioxide Composite Phase Change Material For Thermal Energy
	20701A0360	VARKUTI RAJESH		
	20701A0375	DURGAM SHARIF		
	20701A0357	S PRASHANTH		
B7	20701A0399	N VENUVARDHAN	N.DEEPTHI	Experimental investigation and characterization of wire electrical discharge machining on Inconel 718 alloy.
	20701A0379	SUBHAN GODUGU		
	20701A0396	K VENKATESH		
	20701A03A4	S VISHNU VARDHAN		
B8	20701A0353	N POSHAN KUMAR REDDY	K. AJAYA KUMAR REDDY	Enhancement of corrosion resistance of Magnesium Alloy by surface modification using PEO incorporating natural minerals as additives.
	20701A0397	A VENKATESULU		
	20701A0372	P SATISH REDDY		
	20701A0377	U SIVA KUMAR		
B9	20701A0393	N V MOHAN KRISHNA	M. MARUTHI PRASAD	Fabrication of Al7075 metal Matrix composite by Reinforcing Cr & WC and elevating it's properties.
	20701A03A0	PULA VIJAY		
	20701A0398	J VENKATESWARA		
	20701A0394	P V SREEDHAR REDDY		
B10	20701A0386	R UDAY KIRAN	K. NAGAMANI	Experimental Investigation & Comparative Study of CNC Milling Process Parameter by Factorial Method's With Taguchi Method on Aluminium
	20701A0390	K VEDA		
	20701A0354	R PRADEEP KUMAR		
	20701A0370	N SANDEEP REDDY		
B11	20701A0366	K S VIGNESWARA REDDY	Dr B. VENKATESH	Building Integrated Thermoelectric Air Conditioner.
	20701A0391	V VEMA KUMAR		
	20701A0385	T KHAN PATAN		
B12	20701A0368	N SAIRAHUL	Dr. B. DEVARAJ NAIK	Studies on Hybrid Nano Composite PCM material for double helical coil PCM storage tank for cold thermal energy storage applications.
	20701A0356	M PRASANTH REDDY		
	20701A03A5	G YASWANTH REDDY		
	20701A0371	M SANTHOSH REDDY		
B13	20701A0352	SURE PAVAN	B. SANTHOSH KUMAR	Effect of Heat transfer on hybrid nano fluid flow in a concentric tube heat exchanger.
	20701A0388	P VAMSIDHAR		
	20701A0383	N TEJESWAR REDDY		
	20701A0362	G R VIKRAM RAJU		


Project Co-ordinator
B-Sec


DEPARTMENT OF MECHANICAL ENGINEERING
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Dept of Mechanical Engineering.



ANNAMACHARYA

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Department of Mechanical Engineering

The following is the list of project batches with the titles of IV B.Tech II Sem C Section for the AY 2023 -2024.

Batch	H.T.No	Name of the student	Guide Name	project Title
C 1	21705A0320	SHAIK KHAJA VALLI	Dr N. KISHORE KUMAR	Mechanical and Corrosion Behavior of Al7075 Metal Matrix Composite by Stir Casting Process with Barite (BaSO ₄) and Tungsten Carbide (WC) as reinforcements.
	21705A0304	CHINTHA BALAJI		
	21705A0349	PALLEBOYENA SIVA		
	21705A0355	G VENKATA SATHYA MOHITH		
C2	21705A0348	BHOOMA SHIVANI	V. VENKATESH	synthesis and direct ink writing of hardystonite polymer composite for bone tissue engineering applications
	21705A0330	CHAKALA NAGARJUNA		
	21705A0329	THOTHESABUGARI MUKTHYAR		
	21705A0319	GADDAM INDRA		
C 3	21705A0354	T VENKATA REDDY	G. ESWARA BALACHANDRA	Mechanical responses of 3D printed bio-inspired concrete structures
	21705A0352	MUTHYALA SYAM KUMAR		
	21705A0347	KASAPURAM SATISH		
	21705A0314	JILLA GNANA PRAKASH		
C 4	21705A0312	BASIREDDY DINESH REDDY	T. MANI MOHAN	Fabrication of Geneva mechanism based wheel conveyor belt
	21705A0337	KUNTUMALLA SAI DINESH		
	21705A0328	S MOHAMMED SHAMEER VALI		
	21705A0317	DUDEKULA HUSSAIN VALI		
C 5	21705A0318	SHAIK IMRAN	Dr. B. DEVARAJ NAIK	Transesterification of waste cooking oil using calcium methoxide from Macrocallista maculata as a novel heterogeneous catalyst: Optimization by RSM and predicted with ANN
	21705A0356	BADIMELA VINOD KUMAR		
	21705A0336	GUNTHAKALLU RAVITEJA		
	21705A0325	KATTUBADI MAHABOOB BASHA		
C 6	21705A0338	GOLLA SAIKIRAN	Dr. P.V. SANJEEVA KUMAR	Design and fabrication of hybrid bicycle
	21705A0345	KAKUMANI SARATH KUMAR		
	21705A0346	PALAKUNTA SATHISH KUMAR		
	21705A0310	GIDDALURU CHARAN SAI		
C 7	21705A0342	LAGISETTY SAICHARAN	Dr. D KRISHNA MOHAN RAJU	Conversion of waste plastic into raw materials for plastic resins production
	21705A0303	G BALA MANIKANTA REDDY		
	21705A0321	ANKIREDDYPALLI KONDAREDDY		
	21705A0309	AVULA CHANDRAMOHAN		
C 8	21705A0326	POKALA MAHESWAR REDDY	Dr B. VENKATESH	Enhancing Bubble detection using CNN RCNN and shape Regression Module
	21705A0327	VADUGURU MANOJ KUMAR		
	21705A0305	DASARI BHUVANESWAR		
	21705A0307	GANGARAPU CHANDRA MOHAN		
C 9	21705A0323	GUNDA LOKESH GUPTA	Dr. A. HEMANTHA KUMAR	Fabrication and characterization of polymer based composites reinforced with agave fibers
	21705A0302	JELLIPALLI ANIL		
	21705A0313	ASADU GANESH KUMAR		
	21705A0301	BOLLIPO AJAY		
C 10	21705A0350	DUDEKULA SUBAN	S MAHABOOB KHAN	Design and fabrication of Rocker-bogie mechanism.
	21705A0324	SANGIREDDY MADHAVA REDDY		
	21705A0332	BOMMAJI PRANITH		
	21705A0353	MUKKAMALLA VASU		
C 11	21705A0351	MANJULA SUNILKUMAR	S. NAGENDRA	Low cost concentrated photo voltaic panel for energy efficiency
	21705A0315	KOLLANUR GUNADEEP		
	21705A0340	MORAMREDDY SAI RAM REDDY		
	21705A0341	PALLA SAI SASIDHAR REDDY		
C 12	21705A0316	J HARICHANDRA PRASAD	Dr.G. SURESH BABU	Design and analysis of patient specific TPMS based models
	21705A0331	AVULA NANDA KUMAR		
	21705A0334	DAMMU L N RAKESH		
	21705A0311	TALARI DHARMENDRA		
C 13	21705A0343	SUGALI SANDEEP	N.DEEPTHI	Experimental modelling of wire EDM process parameters on INCONEL 718.
	21705A0308	MABBU CHANDRA SRINIVASULU		
	21705A0344	IREDDY SANDHYA RANI		
	21705A0322	P LAKSHMIVENKATASAI		
	21705A0335	BOVILLA RAMANATH REDDY		

PROJECT COORDINATOR (C Section)

PROFESSOR AND HEAD
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