

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES :: RAJAMPET
(AUTONOMOUS)**

**Department of Mechanical Engineering
Academic Project Work - B.Tech**

Following is the list of project batches for the academic project work(2020-2021) during Fourth year.

Year: IV
Sec: A

Batch	H.T.No	Name of the student	Guide Name	Project Title
A 1	17701A0326	MAHESH BABU N	N. KEERTHI	SELF-REGULATING TYRE INFLATION SYSTEM
	17701A0329	MOHAMMED ABUBAKAR SIDDIQ SHAIK		
	17701A0331	B MOHAN SAI		
	17701A0332	GURRAM MUNI JITHENDRA		
	17701A0321	B KALYAN KUMAR		
A2	17701A0333	M MURALIDHAR CHOWDARY	Dr. N. VENKATA CHALAPATHI	"MODIFICATIONS IN THE DESIGN OF CHAFF CUTTER"
	17701A0325	C LOKESWARA REDDY		
	17701A0348	P SAI KUMAR		
	17701A0343	D RAMALINGESWARA		
A 3	17701A0340	POCHIREDDYGARI RAJESWARA REDDY	R.V.N.R. SURYA PRAKASH	"A REVIEW ON FRICTION STIR WELDING OF ALUMINIUM ALLOY"
	17701A0328	THIPPUGARI MALLIKARJUNA REDDY		
	17701A0324	POLI LOKNATH REDDY		
	17701A0335	DUNTHALA NAVEEN KUMAR REDDY		
A 4	18705A0302	ANIL KUMAR VUSA	Dr. A. HEMANTHA KUMAR	DEVELOPMENT OF HYBRID COMPOSITION OF ALUMINIUM 7075 ALLOYS BY APPLYING THE OPTIMIZATION TECHNIQUES
	18705A0318	NAVEEN MEKALA		
	17701A0317	POOLAKUNTA GURU PRASAD		
	18705A0307	CHINNA OBULESU PABBATI		
A 5	18705A0317	NAVEEN KUMAR AVULA	K. NAGAMANI	Optimizations Of Hardness And Tensile Strength Of Aluminium Alloy 2618A By Using Grey Relational Analysis
	18705A0303	ANUDEEP BANGALA		
	18705A0305	CHANDRAHAS MALA		
	16701A0318	MUDDULA KRISHNAIAH Y		
A 6	18705A0306	CHANDRASEKHAR SANGEETHAM	V. VENKATESH	FABRICATION OF XY PLOTTER
	18705A0315	MARUTHI K		
	17701A0302	PEDDAPARSHA ABHIRAM		
	17701A0312	DEVANGAM MAILARI CHARAN		
A 7	17701A0327	CHIKKEM MAHESWARREDDY	P. RAVINDRANATHA REDDY	INVESTIGATION ON CONVEX LENS AND FRESNEL LENS ON SOLAR PANEL
	17701A0337	PULLEM PRAVEEN KUMAR		
	17701A0336	JONNA NIVESH BABU		
	17701A0334	GUJJALA NAVEEN		
	17701A0330	SHAIK MOHAMMED GHOUSE		
A 8	17701A0303	SHAIK ALIHYDER SAHEB	Dr. N. SIVA RAMI REDDY	"Design and Fabrication of an Electric Bike"
	17701A0301	TERA ABHILASH REDDY		
	17701A0344	NUKA RAVICHANDRA OBULA REDDY		
	17701A0306	CHINTHAKUNTA ASHOK KUMAR REDDY		
A 9	18705A0316	NARESH A	S .NAGENDRA	AUTOMATIC SEED SOWING ROBOT
	18705A0304	CHAITHANYA JAKKAMPUTI		
	18705A0308	CHINNA SIVUDU NAIK MUDE		
	16701A0339	SIVADATHA		
A 10	18705A0301	ABDULGAFOOR SHAIK	Dr. D.KRISHNA MOHAN RAJU	DESIGN OF BUS BODY TO IMPROVE MILEAGE BY REDUCING WIND FRICTION LOSSES
	18705A0312	KHULUD SHAIK		
	17701A0349	MULINTI SAI KUMAR REDDY		
	17701A0339	ALAMURU RAHIM BABU		
A 11	18705A0313	MADHU BALIJA	G.SURESH BABU	DEVELOPMENT OF CORROSION RESISTANCE COATINGS ON MAGNESIUM FOR ORTHOPEDIC APPLICATIONS
	18705A0311	KARTHIKEYA KUNJETI		
	17701A0314	PUTLURU GANESH KUMAR REDDY		
	17701A0338	PRUDHVIRAJU		
A 12	17701A0347	CHUKKA SAI KIRAN	C. THIRUPATHAIAH	OPTIMIZATION OF DRILLING PARAMETERS ON CNC MACHINE OF AL-6063
	18705A0309	HANIF SIDHARTHA VALLURU		
	17701A0350	KORAMUTLA SAI NAVEEN		
	17701A0345	GANGARAJU ROHITH VARMA		
A 13	17701A0307	SYED AZHARULLAH	K.AJAYA KUMAR REDDY	INVESTIGATION OF MECHANICAL PROPERTIES & CORROSION RESISTANCE OF MAGNESIUM ALLOY FOR MEDICAL APPLICATIONS
	17701A0341	KAKANURU RAKESH REDDY		
	17701A0309	SINGASANI CHAITANYA		
	17701A0311	MANNURU CHANDRASEKHAR		
A 14	17701A0304	KANCHAM AMARNATH REDDY	S. M.SALEEMUDDIN	COMPARISON OF STRUCTURAL AND THERMAL ANALYSIS OF DIFFERENT TYPES OF CONNECTING ROD
	17701A0315	KOTHAPALLI GIRIDHARREDDY		
	17701A0316	PASHAM GOPIKRISHNA		
	17701A0305	BOYA ARAVIND		
A 15	14701A0350	M Madhuvaran	N.DEEPTHI	OPTIMIZATION OF PROCESS PARAMETERS IN WIRE EDM PROCESS
	18705A0310	HARIKRISHNA YADAV YEDDULA		
	17701A0308	LAKKASANDRAM BHARGAV		
	17701A0310	YERRAGUNDU CHANDRA OBULREDDY		
	18705A0314	MADHUSUDHAN REDDY MALLAMMAGARI		

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Following is the list of project batches for the academic project work(2020-2021) during Fourth year.

**Year: IV
Sec: B**

Batch	H.T.No	Name of the student	Guide Name	Project Titles
B1	18705A0332	VENKATA SESHU GARIGA	N GLORY UJWALA	MODELING AND ANALYSIS OF HAIR PIN HEAT EXCHANGER AT DIFFERENT NANO-FLUIDS
	18705A0325	RAJENDRA CHIMMANI		
	18705A0323	PRAVEEN KUMAR REDDY GURKA		
	18705A0322	PRASHANTH KUMAR SOMISETTY		
B2	17701A0359	NELAPATI SIVAKRISHNAMA NAIDU	N.KISHORE KUMAR	Optimization of Stir Casting process for Preparation of Al 7075 reinforcement with Titanium dioxide and Boron Nitrate
	18705A0329	SIVA PRASAD KODURU		
	17701A0371	GUMMULLA THIRUPATHI		
	17701A0362	MOLAKA SREEKANTH		
B3	17701A0373	SIRIGIRI VENKATA SAI KUMAR RAJU	B. VENKATESH	DEVELOPING MATERIAL MATRIX COMPOSITION OF Al 6063 WITH REINFORCING NANO PARTICLES BY APPLYING OPTIMIZATION TECHNIQUE
	17701A0370	RAJAMREDDY SUSHANTH REDDY		
	17701A0372	THOTAMSETTY VAMSI KRISHNA		
	17701A0376	JEERLA VINAYKUMAR		
B4	18705A0328	SAINATH REDDY MUKKAMALLA	G. AMARNATH	PREDICTION OF USED CAR PRICE BY USING MACHINE LEARNING
	18705A0324	PRUTHVI SAI GANESH SREERAMADASU		
	17701A0357	GANGIREDDYGARI SIVA REDDY		
	17709A0301	ATMAKURU DEVENDRA		
B5	17701A0378	UPPATHI VINOD KUMAR REDDY	M. LOKANATH	Study of Wear Characteristics of Surface Modified Magnesium Alloy
	17709A0306	GAJULA NITHEESH KUMAR		
	17709A0307	MUMMADI PRANADEEP KUMAR		
	17709A0305	SANDIGARI NAVEEN KUMAR		
B6	17701A0368	UMMALARAJU SRIHARI RAJU	M. MARUTHI PRASAD	Automatic Bike side stand slider
	17709A0303	KANDULA GIRIDHAR REDDY		
	18705A0327	RAMKUMAR BANDA		
	17701A0353	MUDE SANTHOSH NAIK		
B7	18705A0335	VENKATESWARLU BUJUNURU	N. JAYA KRISHNA	EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF MAGNESIUM METAL MATRIX COMPOSITE
	18705A0326	RAJESH GOLLAPALLI		
	18705A0321	PENCHALAI AH VELAGACHERLA		
	17701A0356	MITTA SIVA PRASANTH REDDY		
B8	17709A0311	NANDYALA SAI PHANEENDRA REDDY	V. MALLIKARJUNA	FABRICATION OF PORTABLE AIR HUMIDIFIER
	17709A0308	SAADHU PREM SAGAR REDDY		
	17709A0312	BALLA VENKATESH		
	17709A0302	RUDRU GANGA CHANDRA KUMAR REDDY		
B9	17701A0375	PALAGHAT VENKATARAMAN BALAJI	C. RAMANJANEYULU	HEAT TRANSFER ENHANCEMENT BY USING HYBRID NANOFUIDS Al ₂ O ₃ & Fe ₃ O ₄ IN HEAT EXCHANGERS
	17701A0352	D SAMARA SIMHA REDDY		
	17701A0382	ANNEM YUVA SAINATH REDDY		
	17701A0367	YARRAGONDU SRIHARI BHARGAV PRASAD REDDY		
	17701A0360	BALARAJU SIVAPRASAD RAJU		
B10	17709A0310	YARRAGUDI SAI KRISHNA	D. VISHNU VARDHAN REDDY	Experimental Investigation of process parameters of AISi D3 tool steel in WEDM by using GRA & GA
	18705A0336	ZAHIR AHAMED KHATEEB		
	18705A0319	NOORUL ALI KHAN MAYANA		
	17701A0380	KAMBHAM VISWANATH REDDY		
B11	18705A0331	VENKATA NANDA REDDY KAMBAM	B. SANTOSH KUMAR	Fabrication of Prototype Model of Eddy current contact less Braking System
	18705A0330	TRINATHA REDDY YANAMALA		
	17709A0309	CHINDULURI REDDY VENKATA NITHESWAR		
	17709A0304	KUKKAPALLI KIRAN KUMAR		
B12	18705A0334	VENKATAPRAVEEN KOTTE	Dr.P.V.SANJEEVA KUMAR	MODELLING AND ANALYSIS OF CAR FLYWHEEL FOR VARIABLE SPEEDS
	18705A0333	VENKATAGANGADHAR REDDY CHARLA		
	17701A0379	ESLAVATH VINODKUMAR NAIK		
	17701A0365	GURRALA SREERAMULU		
B13	17701A0361	NORU SREE VARDHAN REDDY	G.VENKATA AJAY KUMAR	FABRICATION OF MULTI PURPOSE SOLAR SPRAYER CUM WEEDER
	17701A0377	CHINNAKONDANNAGARI VINESH KUMAR		
	17701A0364	KURAKULA SREENATH REDDY		
	17701A0374	BATHULA VENKATA SREEKANTH		
B14	17701A0355	AKKAM REDDY SASIVARDHAN REDDY	S. RAMESH BABU	A REVIEW ON FRICTION STRIE WELDING ON POLYMERS
	17701A0354	SINGA SARATHSIMHA REDDY		
	17701A0358	BAYINENI SIVAKRISHNA		
	17701A0363	MEKALA SREEKANTH REDDY		



HOD,
Dept of Mechanical Engineering.