

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

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

List of Batches - Project Titles

Year:IV

Sec:A

Batch	H.T.No	Name of the student	Title of the Project	Guide Name
A 1	19701A0343	SAI VISHNU VARDHAN REDDY RAJUPALEM	Experimental study and optimization of machining parameters in milling process of INCONEL 718	Mr. G. ESWARA BALACHANDRA
	19701A0347	VENKATA CHAITANYA ANDEMACHU GARI		
	19701A0314	DIVAKAR REDDY SUDHA		
	19701A0317	HARI KUMAR RAJU GUNTIMADUGU		
A 2	19701A0341	SAI TEJA NARA	Synthesis and characteristic analysis of a novel Phase change Heat storage material	Dr. B. DEVARAJ NAIK
	19701A0312	DINESH KUMAR KAREDLA		
	19701A0344	SHARATH KUMAR YARRABOTHULA		
	19701A0342	SAI TEJA SINGANAMALA		
A 3	19701A0340	SAI SANDESH M N	Waste Heat Recovery By Using Phase Change Material in VCR System.	Mr. C. RAMANJANEYULU
	19701A0348	VIJAY KUMAR NANDYALA		
	19701A0331	NIKHIL KUMAR RAJU SANGARAJU		
	19701A0339	SAI KIRAN BANDI		
A 4	19701A0325	MOHAN KASARAGADLA	Optimization on machining parameters of milling on AA7175 by using Taguchi and Genetic algorithm.	Mrs. N KEERTHI
	19701A0350	VISHNU VARDHAN REDDY YERU		
	19709A0301	JASWANTH KUMAR REDDY PERAM		
	19701A0310	CHARAN KUMAR KATTA		
A 5	19701A0313	DINESH KUMAR YARRAGUDI	Development and characterization of Hybrid composite Al7075 reinforcing with WC and Cr by stir casting process.	Mr. N. KISHORE KUMAR
	19701A0307	BADRINATH GOUNIPURAM		
	19701A0301	ABDUL SHAIK		
	19701A0306	ASHOK REDDY RAMIREDDY		
	19701A0332	PAVAN KUMAR REDDY KOTTAPALLE		
	19701A0338	SAI GANESH SAMPATHI		
A 6	19701A0336	REDDY SEKHAR REDDY KETHIREDDY	Optimization of Effectiveness in Counter Flow Shell and Tube Heat Exchanger Using Hybrid Grey Neural Network Model.	Mr.S .NAGENDRA
	19701A0308	BALAJI DASARI		
	19701A0305	ARUN KUMAR VANKAM		
A 7	19701A0353	ZAKRIYA SHAIK	Experimental Investigation And Optimization Of CNC Drilling process Parameters On Aluminum Alloy Through Taguchi Method.	Mr. N. NAGARAJU
	19701A0352	VISHWANTH LINGAM		
	18701A0311	DURGA HARSHA VARDHAN PASUPELETI		
	18701A0332	MANI KUMAR MANGALA		
A 8	19701A0303	ANAND BABU MUNDLA	Fabrication and Characterization of Polymer Based Hybrid Composites Reinforced with Cattail fibers and Sugarcane fibers.	Dr.P. V. SANJEEVA KUMAR
	19701A0351	VISHNU VARDHAN VARADARAJU		
	19701A0335	REDDAIAH MODAPOTHULA		
	19701A0318	HEMANTH KUMAR KAAIPOGU		
A 9	19701A0346	SREEDHAR REDDY METTU	Investigation on Inter-laminar Shear Strength of Graphene Particle Deposition in Glass fibre Reinforced composites .	Mr. B. SANTHOSH KUMAR
	19701A0333	PRASANTH MOTAKATLA		
	19701A0349	VIJAY KUMAR YENUMALA		
	19701A0323	MANIDEEP REDDY DARAM		
A 10	19701A0321	JAYANTH RAMAKRISHNA	Fabrication of Solar Inverters for Household applications.	Mr. M. Mani
	19701A0304	ANSAR SHAIK		
	19701A0309	CHAITANYA KRISHNAPPA GARI		
	19701A0316	GURURAGHAVA REDDY MALLELA		
A 11	19701A0345	SIVA PRATHAP REDDY CHALLA	Investigation of mechanical properties of Friction stir welding of dissimilar materials.	Mr. S.Ramesh Babu
	19701A0319	HUSSAIN BASHA DUDEKULA		
	19701A0324	MOHAMMED ZAID SHAIK		
	19701A0330	NARESH GALI		


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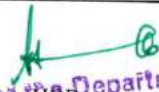
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**Department of Mechanical Engineering
Academic Project Work - B.Tech
List of Batches - Project Titles**

Year:IV

Sec:B

Batch	H.T.No	Name of the student	Title of the Project	Guide Name
B1	20705A0341	LOKESWARA SOMA	Effect of Heat Treatment Process on Al7075 Embedding With Cr & Wc	Mr. S. M SALEEMUDDIN
	20705A0343	MALLIKARJUNA JANAKONDA		
	20705A0305	AKSHAY KUMAR REDDY REDDEMAGARI		
	20705A0335	JAYASIMHA BUCHAMMAGARI		
B2	20705A0317	CHANDRA RADHA KRISHNA THUMMALA	Improving the Corrosion Resistance Of ZM21 Magnesium Alloy By Using Plasma Electrolytic Oxidation Process	Dr. N. SIVA RAMI REDDY
	20705A0318	DEEPAK ACHARI KARAMALA		
	20705A0307	ARUN KUMAR MEDA		
	20705A0334	JASWANTH BALARAJU		
B3	20705A0315	BHUVANESWAR REDDY KOPPOLU	Design And Fabrication of Eco Friendly Portable Multipurpose Agriculture Tilling Machine	Mr. G.SURESH BABU
	20705A0329	HARINATH GUNDUMALLA		
	20705A0326	GOVARDHAN REDDY CHEPPALLI		
	20705A0328	GURUSAI REDDY THOTA		
B4	20705A0336	KARTHIK KAPADAM	Fabrication And Characterization Of Aluminium Metal Matrix Composites(AMMC) Reinforced With Silicon Carbide-Zirconium Diboride	Mr. D. VISHNU VARDHAN REDDY
	20705A0330	HARISH KAMATHAM		
	20705A0321	DINESH REDDY GUMMIREDDY		
B5	20705A0340	LOKESH REDDY MAREDDY	Optimization of machining parameters in CNC drilling of Aluminum metal matrix composite	Mr. C. THIRUPATHAIAH
	20705A0319	DILEEP ACHARI KARAMALA		
	20705A0332	IBRAHIM ALEKONDA		
B6	20705A0322	DIWAKAR REDDY CHINNARAMANNAGARI	Hydraulic Pump Controller Through IOT By Sensing Moisture Content In Soil	Mr. T.MANI MOHAN
	20705A0338	KRISHNA SAGAR GOVINDU		
	20705A0311	BHARATH KANDURI		
	20705A0325	GOVARDHAN BALISETTI		
B7	20705A0344	MOHAMMAD ADIL PATAN	Smart Helmet-Fall Detection of Riders Using Inertial Sensors And To Avoid Accidents Occurrence	Mr. G. AMARNATH
	20705A0320	DINESH GANNE		
	20705A0345	MOHAMMED KHADIRI SHAIK		
	20705A0306	ANIS MATIN KHAN PATAN		
B8	20705A0301	ABDULWAAJID SHAIK	Synthesis of Biomaterial for Bone Tissue Engineering	Mr. V. VENKATESH
	20705A0309	BABA FAKRUDDIN ACHUKATLA		
	20705A0303	AHAMAD HUSSAIN SHAIK		
	20705A0337	KOMMADDIN MUZAMMIL SHAIK		
B9	20705A0327	GURU MOHAN NAMBALAGARI	Wireless Communication Based- Sprinkler Irrigation System with Seed Sowing Robot	Dr.B. VENKATESH
	20705A0339	LOKESH KANUPARTHI		
	20705A0310	BADRINATH REDDY CHIYYAVARAM		
	20705A0342	MADHAVA REDDY BUSI REDDY		
B10	20705A0312	BHARGAV POGAKU	Manually operated floor cleaning machine	Mrs. N.DEEPTHI
	20705A0346	MOHAN NAIK SUGALI		
	20705A0308	ASHOK REDDY NAGAPPAGARI		
	20705A0323	GANESH EDIGA		
B11	20705A0313	BHAVYANTH PALA	Experimental investigation on mechanical and corrosion behavior of CuAlBe quaternary shape memory alloy	Dr. N. SIVA RAMI REDDY
	20705A0314	BHUVANA GANGADHAR REDDY JARUGU		
	20705A0316	CHAITANYA PULLIKONDA		
	20705A0304	AHAMMAD CHERUKURU		


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Year:IV

Sec:C

Batch	H.T.No	Name of the student	Title of the Project	Guide Name
C 1	20705A0363	RAKESH CHOWDARY POTTURU	Design & Fabrication of Liquid Fuel Based Cooking Stove with Pump.	Dr KRISHNA MOHAN RAJU
	20700A0306	VENKATA SATHISH REDDY LAKKIREDDYGARI		
	20705A0373	SREEDHAR PALLA		
	20705A0381	VAMSI DHANIYALA		
C 2	20705A0368	SAISREEDHAR DASARI	Experimental investigation and optimisation of conventional drilling process parameters on aluminium alloy 7075 material through fuzzy-taguchi method.	Mr. R.V.N.R. SURYA PRAKASH
	20705A0367	SAINATH REDDY YANAMALA		
	20705A0377	SULTHAN SAB HUSSAINVALI SHAIK		
	20705A0370	SANJEEVARAYUDU NALLU		
C 3	20705A0372	SIVA SANKAR CHEVULA	Enhancement of corrosion resistance of aluminium metal matrix composites reinforced with zirconium aluminide using stir casting process .	Mr. M. MARUTHI PRASAD
	20705A0360	RAJENDRA POTHULA		
	20705A0376	SUBHASH REDDY ANAKALA		
	20705A0391	VISHNU VARDHAN REDDY BHUMIREDDY		
C 4	20705A0351	NARASIMHA BURRI	An Experimental investigation on 3D printed smart structures for aerospace applications.	Dr.A. HEMANTHA KUMAR
	20705A0371	SHASIKUMAR MUDUGAL		
	20700A0301	ASHOK KUMAR VELPULA		
	20705A0357	PAVAN KALYAN CHITRALA		
C 5	20705A0347	MOULALI PALAGIRI	Design And Fabrication of Thermo Electric Cooling System (Refrigerator).	Mrs. N.DEEPTHI
	20700A0305	UMAMAHESH GOUD PURAM		
	20705A0361	RAJESH RAJU CHAMARTHI		
	20705A0352	NARESH SANE		
C 6	20705A0364	RAMU BATTINA	Experimental Investigation and Optimization of Milling Process Parameters on CNC END milling machine for AA 7085 Material by using Fuzzy Taguchi method.	Mr. N NAGARAJU
	20705A0382	VAMSI HARIVARAM		
	20705A0392	VISHNU VARDHAN REDDY SINGIREDDY		
	20705A0349	NAGA NARASIMHA REDDY BEERAM		
C 7	20705A0375	SRINIVASULU REDDY ERAGAMREDDY	Multi-Purpose Agriculture Robot By Using IOT Technology.	Mr. N. JAYA KRISHNA
	20705A0353	NARESH NAIDU PARIKIDONA		
	20705A0374	SREENATH KOMMA		
	20705A0387	VENKATA SAI LOKESH CHAKRALA		
C 8	20705A0362	RAKESH BABU VUSA	Friction stir welding of two dissimilar materials by adding reinforcement to improve mechanical properties.	Mrs. K. NAGAMANI
	20705A0393	VISHNU VARDHAN VELPULA		
	20705A0394	VISWAK SENA YADAV THIMMAPURAM		
	20705A0348	MUNI KRISHNA KUKUDU		
C 9	20705A0355	PARVESH REDDY PATNAM	Improvement of degradation rate of PEO coated Magnesium alloy for Orthopaedic applications.	Mr. K. AJAYA KUMAR REDDY
	20705A0354	OM PRAKASH PENIKALAPATI		
	20705A0386	VENKATA NAGA JAYA CHANDRA REDDY PAMMI		
	20705A0388	VIJAY KUMAR BOYA		
C 10	20705A0385	VENKATA MURALI MOHAN REDDY PALURU	Experimental Investigation On Mechanical Properties Of Aluminium Metal Matrix With Reinforce Materials Of Graphite And "SiC".	Mr. C. THIRUPATHAIAH
	20705A0366	SAI VIJAY KATHALA		
	20705A0379	SURYATEJA KOLA		
	20705A0358	PRUDHVI MANJULA		
C 11	20700A0303	RAJA KULLAI DUDEKULA	Development of titanium scaffolds fabrication by using DMLS.	Mr. N Raghunath
	20700A0304	SHYAM SUNDHER REDDY KAPPETA		
	20705A0395	YASHWANATH KUMAR MALA		
	20705A0384	VENKATA KIRAN KUMAR PAYALA		
C 12	20705A0350	NAGENDRA PRASAD NALLAJODU	Experimental study of the efficiency of a portable solar water heater construction from recycled plastics bottles with reflectors .	Mr. S Mahaboob Khan
	20705A0378	SURENDRA ANNALAIH GARI		
	20705A0365	SAI KUMAR KATHEM		
	20705A0389	VIJAYA KUMAR VALLEPU		

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