

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

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

Following is the list of project batches with titles for the academic year (2021-2022) during Fourth year.

Section: A

Batch: 2018-2022

Batch	H.T.No	Name of the student	Guide Name	Title of the project
A 1	18701A0347	PRATHYUSHA IMMARAJU	S. M SALEEMUDDIN	Investigation of corrosion behaviour of Mg-Sn alloy by stir casting for bio medical applications
	18701A0316	HARISH REDDY CHAPPIDI		
	18701A0323	KARTHIK GUNIPATI		
	18701A0321	JAYA MALLIKARJUNA REDDY THARIGOPULA		
A2	18701A0305	BALAKRISHNA SURMISSETTY	C. THIRUPATHAIAH	Optimization of Process Parameters of Aluminum Metal Matrix
	18701A0308	CHAITHANYA SURYA KUMAR CHANDRAGIRI		
	18701A0315	HARI KATTIRAGANDLA		
	18701A0312	FAREED HUSSAIN SYED		
A 3	18701A0324	KAVITHA DHANI	N. KISHORE KUMAR	Mechanical behaviour of al 7075 by reinforcing the Tio2& BN
	18701A0310	DHANUNJAYA REDDY KANDULA		
	18701A0327	LOKANATH REDDY ANNEM		
	18701A0320	JASWANTH NAIDU POTTHURU		
A 4	18701A0303	ARUN KUMAR REDDY CHIYYETI	S .NAGENDRA	Performance test on four stroke diesel engine using biodiesel produced from waste plastic oil
	18701A0333	MANIKANTA SINGAVARAM		
	18701A0314	GOVARDHAN MALAKAPURAM		
	18701A0325	KRISHNA VARDHAN REDDY CHALLA		
	16709A0302	GANDLAPARTHI BAVESH TARUN REDDY		
A 5	18701A0302	ACHYUTH SAI KUMAR VISWABRAHMANA	M. LOKANATH	investigation of mechanical properties of Mg-Ca composites
	18709A0301	CHADRASEKHAR KAMBAIAHGARI		
	18701A0304	ASHOK REDDY BOBBITI		
	18701A0334	MANJUNATHA REDDY UPPALAPATI		
A 6	18701A0326	LEVANYA KUMAR PANDIGUNTA	Dr. N. SIVA RAMI REDDY	Corrosion Resistance on PEO coating of MgCa composition
	18701A0337	MUKESH BOYA		
	18701A0328	MADHU CHAPALA		
	19700A0301	KARAKAMUKKALA SAI BARA GANESH		
A 7	18701A0301	ABDUL MUKEETH SHAIK	T.MANI MOHAN	Reverse gear in two wheeler for handicapped
	18701A0336	MOHAMMAD ALI SHAIK		
	18701A0329	MADHU SUDHAN G		
	18701A0331	MAHAMMAD SAMIULLAH SHAIK		
A 8	18701A0318	JABEER BASHA SHAIK	Dr B. VENKATESH	Optimization of effectiveness and thermal resistance of counter flow double pipe heat exchanger by using gray relational analysis and neural network model
	18701A0335	MANOHAR REDDY P		
	18701A0309	CHARAN KUMAR REDDY BOBBALA		
	18701A0322	JAYA RAMI REDDY KAVALAKUNTLA		
A 9	18701A0317	HEMASUNDHAR MANDLI	N Deepthi	Optimization of process parameters in wire edm for stainless steel -304 by using grey relational analysis
	18701A0319	JAIPALREDDY ALAMKONDA		
	18701A0313	GIRIKUMAR REDDY NERUSUPALLI		
	18701A0306	BHANU CHAITHANYA REDDY MUMMADI		



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Following is the list of project batches with titles for the academic year (2021-2022) during Fourth year.

Section: B

Batch: 2018-2022

Batch	H.T.No	Name of the student	Guide Name	Title of the project
B1	18701A0339	NARENDRA BABU PEDDATHIMMAYYA GARI	Mr G. AMARNATH	Effect of Heat treatment on mechanical properties of magnesium metal matrix composites
	18701A0350	RAMESH BABU CHANNIPOGULA		
	18701A0357	SANTHOSH KUMAR REDDY NALLAMASULA		
B2	18701A0361	SIVA KUMAR POLINA	Dr.A. HEMANTHA KUMAR	Design and Fabrication of Pneumatic sheet metal cutting machine
	18701A0358	SASIDHAR VARMA CHAMARTHI		
	18701A0344	PAVANKUMARACHARI RAVURU		
	18701A0362	SREEKANTH N		
	18701A0348	PRUDHVI KUMAR REDDY NALAPAREDDY		
B3	18701A0373	VENKATESH SOOLAM	Mr P. RAVINDRANATHA REDDY	Wear behaviour of Aluminium Hybrid MMCs(AL7075/TiO2/WC)
	18701A0359	SHAKEER HUSSAIN MULLA		
	18701A0368	THARUN KUMAR REDDY GUDIPATI		
	18701A0351	RAVI ATLURU		
B4	18701A0372	VENKATA VISHNUVARDHAN REDDY AVULA	Ms K. NAGAMANI	Development of the hybrid composites of Al7075 by reinforcing the TiO2 and WC
	18701A0353	RITHWIK KUMAR REDDY VUNDELA		
	18701A0375	VINODKUMAR REDDY SANEPALLI		
	18701A0355	SAI KUMAR DASARI		
B5	18701A0363	SREEKAR REDDY ABBASANI	Mr K.AJAYA KUMAR REDDY	Corrosion studies of Duplex Coating on Magnesium alloy for orthopedic applications
	18701A0364	SRINIVASA KALYAN ANKULAGARI		
	18701A0370	VENKATA KRISHNA REDDY GANGI REDDY		
	18701A0349	RAJESH KUMAR REDDY VENNAPUSA		
	18701A0354	SAI DEEKSHITH REDDY CHAMALA		
B6	18701A0377	YASHWANTH PATHIPATI	Dr KRISHNA MOHAN RAJU	Study and Kinematic design of vCNC based multi purpose machine tool
	18701A0352	RAVITEJA REDDY MADDIREDDYGARI		
	18701A0369	VAMSIKUMAR REDDY KATHI		
	18701A0356	SAIVARUN GANNE		
B7	18701A0371	VENKATA SURESH PALETI	Mr N. NAGARAJU	Experimental investigation and optimization of CNC milling parameters on Al6063 through Taguchi method
	18701A0346	PRASANTH THALUPULA		
	18701A0360	SHARAN KRISHNA GUNIPINENI		
	18701A0342	NIKHIL YERRAGOLLA		
	18701A0341	NAVEEN KUMAR CHERI		
B8	18701A0365	SUDHAKAR REDDY RAGIPINDI	Mr N. JAYA KRISHNA	Investigation on mechanical properties of magnesium metal matrix composite with cryogenic treatment
	18701A0343	NIRANJAN KUMAR REDDY JEEREDDY		
	18701A0376	VISHNU VARDHAN REDDY YALLAREDDYGARI		
	18701A0340	NARENDRA REDDY MANAMASU		
B9	18701A0367	SURYA VAMSI THATI	Dr.PV. SANJEEVA KUMAR	fabrication and characterization of Hybrid polymer Composites Reinforced with Flax and palm fibers
	18701A0378	ZABIULLA SHAIK		
	18701A0374	VENUGOPAL KURUBA		
	17701A0351	GORLA SAI SREE HARSHA		


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Following is the list of project titles for the academic project work(2021-2022) during Fourth year.

Section: C

Batch: 2018-2022

Batch	H.T.No	Name of the student	Guide Name	Title of the project
C1	19705A0314	KADAPALLI JITHENDRA	Mr B. SANTHOSH KUMAR	Mechanical characterization of Bi Directional woven Glass fibre reinforced Polymer composite
	19705A0340	S.SHANMUKHA PRASAD		
	19705A0337	M.SALAUDDIN		
	19705A0333	U. RAJENDRA		
C2	19705A0345	ERAGAMREDDY SUDHAKAR REDDY	Ms N.DEEPTHI	Design and fabrication of Highway Wind Turbine
	19705A0336	AKEPATI SAICHANDU REDDY		
	19705A0346	MADDELA UDAYKUMAR		
	19705A0330	KOTA PRASHANTH		
	19705A0343	CHEPPALI SRINIVASULU		
C3	19705A0302	BEENATHI ASHOK KUMAR	Mr D. VISHNU VARDHAN REDDY	An investigation on corrosion behaviour of Aluminium hybrid Metal Matrix composite
	19705A0303	VADDI BALA KRISHNA		
	19705A0353	DANDUBOINA VISHNU VARDHAN		
	19705A0315	SHAIK KALAAM BASHA		
C4	19705A0324	BHUMIREDDY KRISTAMMAGARI NANDA HARI P	Mr C. RAMANJANEYULU	Enhancing Heat Transfer Performance of a Heat Exchanger by coating silver Nano particles
	19705A0308	YARRAMREDDY HARI KESAVA REDDY		
	19705A0338	DUDDALA SANJEEVA REDDY		
	19705A0313	BHAVIRISETTY JAYAKRISHNA		
C5	19705A0326	NALLAGATLA NIRANJAN REDDY	Mr G.SURESH BABU	Experimental Investigation of mechanical properties of cryogenic treated Magnesium Metal matrix composites
	19705A0352	SINGAM VINAY KUMAR REDDY		
	19705A0348	DODDOJU VEERA NAGA CHAITHANYACHARI		
	19705A0335	MUDIMELA REDDY BABU		
C6	19705A0350	GAJULA VENKATA SURYA NARAYANA	Mr S. RAMESH BABU	Production and quality control on Iron Foundry
	19705A0312	SEETHAGARI JAYA KRISHNA		
	19705A0347	PAGIDALA UMA MAHESWAR REDDY		
	19705A0334	PULA RANI		
C7	19705A0307	PASALA GOVARDAN	Ms N GLORY UJWALA	Experimental Investigation and optimization of Drilling process parameters on Conventional Drilling machine for Aluminium alloy(5052) materials by using Fuzzy and Taguchi method
	19705A0309	PIDIGUNDLA HARI PRASAD YADAV		
	19705A0328	KALLURI NOOR		
	19705A0331	GADDA PRAVEEN KUMAR		
C8	19705A0310	P. HARINATH REDDY	Ms N KEERTHI	Machining of Brass & Analyzing the machining characteristics by Fuzzy and Taguchi
	19705A0318	U. LOKESWARA REDDY		
	19705A0317	D. KODANDA RAMI REDDY		
	19705A0319	B. MAHESH		
C9	19705A0322	SHAIK MOHAMMAD FAROOQ	Mr R.V.N.R. SURYA PRAKASH	Experimental Investigation and optimization of Graphite Material through Taguchi Method in CNC Drilling
	19705A0301	SHAIK ARSHAD		
	19705A0342	TENALI SRIDHAR		
	19705A0321	ANKIREDDY MAHESHWARA REDDY		
C10	19705A0351	MADAKA VIJAY KUMAR	MrESWAR BALACHANDAR	Fabrication of 360° wheel Rotation vehicle with Bluetooth sensing
	19705A0354	ADENA KATAMAIAHGARI YUGANDHAR REDDY		
	19705A0332	BUCHUPALLI PRAVEEN KUMAR REDDY		
	19705A0329	LAKKIREDDY PARTHA SARADHI REDDY		
C11	19705A0320	MASINENI MAHESH NAIDU	Mr M. MARUTHI PRASAD	Fabrication of solar powered Sand Sieve
	19705A0304	GUDURU CHARAN KUMAR		
	19705A0349	BANTROTHU VENKATA SIVA TEJA		
	19705A0306	POTHA DINESH		
C12	19705A0323	SHAIK MUNWAR BASHA	Dr. B VENKATESH	Effective parameter for over all heat transfer coefficient for counter flow- double pipe heat exchanger by using Hybrid Optimization
	19705A0311	KONDAMARRI HEMANTH REDDY		
	19705A0327	RAJOLI NIRANJAN REDDY		
	19705A0316	INDLAKISHOREKUMARREDDY		
C13	19705A0339	DEVIREDDY SARATH CHANDRA REDDY	Mr V. VENKATESH	Development of Manual Electro magnetic Braking system
	19705A0341	YEDUGURI SIVA MALLESWAR REDDY		
	19705A0344	GUJJALA SUBHASH KUMAR REDDY		
	19705A0325	YADAVA NAVEEN KUMAR		


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