

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

Department of Mechanical Engineering

Academic Project Work - B.Tech

Following is the list of project batches formed for the academic project work(2018-2019) during Fourth year.

Year: IV

Sec: A

Batch	H.T.No	Name of the student	Guide Name	Project Title
A 1	15701A0327	Harshavardhan Reddy M	Sri. D VISHNU VARDHAN REDDY	Development and Characterization of Aluminium Hybridmetal matrix composites
	16705A0305	Ganeshkumar Reddy Y		
	16705A0313	Maheswara Reddy R		
	15701A0311	Balaji P		
A 2	15701A0343	Manojkumar K	Sri. R V N R SURYA PRAKASH	Optimization of EDM process parametrs of AL7075 using Grey Taguchi Method
	16705A0301	Arshad Baig M		
	15701A0337	Lokesh B		
	15701A0335	Lalitha A		
A 3	15701A0324	Hari Keshava Reddy K	Smt. D Swetha	Impact of AQUEOUS Alumina Nano-Fluid on Engine's Performance and Emissions
	15701A0336	Likitha D		
	15701A0306	Ananta Kumar Reddy K		
	16705A0307	Guru Rajareddy N		
A 4	15701A0315	Chandrasekhar C	Prof. D. Krishna MohanRaju	Experimental finding of low coefficient drag fan blades to reduce the power consumption of a power saving ceiling fan
	15701A0313	Chakradhar Y		
	15701A0314	Chandhra Sekhar B		
	15701A0312	Ediga Bharath Goud T		
	15701A0339	Lokesh U		
A 5	15701A0347	Navaneeth Kumar Reddy A	Smt. N. Deepthi	Optimal control on parameters of machining in CNC wire cut EDM for Aluminium 3003
	16705A0310	Khaleel S		
	15701A0329	Hirankumar V		
A 6	15701A0320	Eswar Sai P	Dr P V Sanjeev Kumar	Fabrication and characterization of Polymer Laminate composites Reinforced with BI-WOVEN glass fibers
	15701A0338	Lokesh G		
	15701A0318	C Dhanunjaya Reddy P		
	15701A0310	Avesh Adam S		
	15701A0309	Arun Tej B		

A 7	16705A0316	Murali Mohan T	Prof N. Siva Rami Reddy	Minimization of Makespan in Jobshop Scheduling using Metaheuristic
	16705A0314	Manoj Kumar N		
	16705A0317	Nagendra Reddy C		
	15701A0316	Chandrasekhar Reddy K		
A 8	15701A0304	Amarnatha Reddy V	Sri.P. Ravindranatha Reddy	Analysis of thin film coating by Ni-Cr in ARC Welding of mild steel
	15701A0301	Adi Narayana Reddy T		
	15701A0344	Naga Lokesh K		
	15701A0303	Akhil B		
A 9	15701A0342	Maheswara Reddy K	Mr.K.Ajay Kumar Reddy	Degradation behaviour of ZIRCONIUM oxide and Tricalcium Phosphate coated Magnesium Alloy for Orthopaedic Applications
	16705A0312	Madhu Babu K		
	16705A0315	Maruthi Naidu T		
	15701A0341	Mahendra B		
A 10	16705A0302	Bala Krishna K	Sri V. Mallikarjuna	Fabrication of Multi Seed Sowing Machine
	15701A0307	Arif Sohel S		
	15701A0322	Guru Prasad T		
	15701A0319	Dharani P		
A 11	16705A0303	Devi Varaprasad P	Sri. B VENKATESH	Experimental Investigation of Exhaust Emission Monitoring Using IoT
	16705A0306	Guru Naveen V		
	16705A0311	Madhanamohan Reddy M		
	16705A0309	Hari Krishna L		
A 12	15701A0345	Naga Prasad Raju M	Sri. G. Suresh Babu	Performance Analysis of CI Engine Using Bioblended Diesel and Distilled water
	16705A0318	Noorulla S		
	16705A0304	Gadilingappa K		
	15701A0323	Gurumanikanteswar Reddy V		
A 13	15701A0350	Naveenkumarreddy G	Mr.R.V.N.R Surya Praksah	Development of Hyper Elastic SCAFFOLD by using MESOPOROUS Bioactive Glass
	15701A0349	Naveen P		
	15701A0346	Nagasudarshan G		
	15701A0305	Anandkumar Reddy M		
A 14	15701A0317	Chennakesava Reddy C	Sri. M DASTAGIRI	Experimental Analysis of DIELECTRIC Fluid on EDM Process Parameters
	16705A0308	Hareesh G		
	15701A0330	Hussen Babu R		
	15701A0333	Kumaraswami Raju Y		
A 15	15701A0334	Lakshmanaswamy K	Sri. V. Venkatesh	Development of 3-D printed MESOPOROUS BIOACTIVE Glass Bone SCAFFOLD
	15701A0321	Guru Prasad T		
	15701A0331	Irfankhan P		
	15701A0348	Naveen Kumar J		



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Year: IV
 Sec: B

Batch	H.T.No	Name of the student	Guide Name	Project Title
B 1	15701A0357	Prashanth Reddy BC	Dr N Venkata chalapathi	Performance Analysis of an Electric Bike
	15701A0373	Sasidhar G		
	15701A0358	Prathyusha K		
	15701A03A1	Thulasi Kumar Reddy P		
B 2	15701A03A4	Veeramanikanta M	Ms P Salonica sravani	Optimization of Process parameters in Wedm of Inconel 718 Alloy
	16705A0332	Sreepathi Reddy B		
	15701A0325	Rama Mohan N		
	15701A03A3	Vasudeva C		
B 3	15701A0363	Raghava Sandeep N	sri C RAMANJANEYULU	Thermodynamic Analysis & Simulation of Milk Processing plant by using Cycle Tempo Software
	15701A0375	Sathish Kumar Reddy NP		
	16705A0333	Suneel Kumar K		
	16705A0320	Pavan Kumar P		
B 4	15701A0355	Gari Phanikumar P	Sri G Amarnath	Investigation of Graphane usage on Photovoltaic Cell
	16705A0331	Sreenivas A		
	16705A0328	Sajjad S		
	15701A0376	Satish Kumar U		
B 5	15701A0399	Thirupal M	Sri S Vijay Kumar Reddy	Performance & Emission Characteristics of Linseed oil Bio Diesel Blends in a Diesel Engine
	15701A0378	Siva B		
	15701A0398	Tharun P		
	15701A0394	Surendra Babu C		
B 6	16705A0326	Riyaz S	Sri M MARUTHI PRASAD	Road Side Dust Collecting Machine
	15701A0382	Sivakrishna M		
	15701A0387	Subramanyam T		
	16705A0330	Sireesha C		
B 7	15701A0360	Praveen Kumar K	Sri G Venkata Ajay Kumar	Parametric Optimization of Abrasive Water Jet machining Process by using Whale Optimization Alogrithm
	15701A0389	Sudheer N		
	16705A0325	Rama Mohan N		
	15701A0390	Sukumar P		
B 8	15701A0364	Raghunatha Reddy B	Sri Y poora chandra sekhar	Investigation of Mechanical & Metallurgical Properties of Aluminum Metal Matrix Composite
	16705A0323	Raghunath Reddy C		
	15701A0361	Praveen Kumar V		
	15701A0371	Sanjeeva K		
	15701A03A2	Varshith V		
B 9	15701A0351	Noorulla S	Sri B santosh kumar	Fabrication and Material Characterization of GRF Composite with/Without Filler
	15701A0352	Parameshwara Reddy Y		
	15701A0366	Rajasekar Reddy A		
	16705A0319	Obulareddy P		

B 10	15701A0368	Reshwanth Babu C	Mr.G.Venkata Ajay Kumar(Sri A.H.Kiran Teja)	Development of Decision support system for Optimization of ECM Process
	15701A0377	Shiva Narayana P		
	15701A0385	Subhash V		
	15701A0365	Raja Kullayappa D		
	15701A03A2	Varshith V		
B 11	15701A0362	Purushotham K	Sri AVNS Kiran	Experimental Investigation in Machining of AL 6061 & Robust Optimization of Machining Parameters
	16705A0329	Sandeep Kumar G		
	15701A0388	Sudarshan T		
	15701A0369	Sai Prathap S		
B 12	15701A0392	Sunil Kumar D	Dr. N.Venkata Chalapathi(Sri S.Inayath)	Optimization of CNC Turning process parameters through Taguchi Method on Aluminium 6063
	15701A0391	Sunil K		
	15701A03A0	Thulasi Kumar B		
	15701A0374	Sateesh B		
B 13	15701A0384	Subba Reddy K	Dr A HEMANTH KUMAR	Optimization of Various process Parameters in WEDM on Aluminium Alloy using GA & SA Optimization Techniques.
	15701A0380	Siva Prasanth Reddy G		
	15701A0354	Pavan Kumar G		
	15701A0395	Surendranatha Reddy B		
B 14	15701A0367	Ram Sai Reddy O	Sri M.Lokanath	Precidition Of Machining parameters in drilling Operation on Aluminium Alloys by using ANN.
	16705A0327	Sai Kumar M		
	15701A0359	Prathyusha M		
	15701A0383	Sreedhar Reddy B		
B 15	16705A0321	Pavan Kalyan M	Sri. D VISHNU VARDHAN REDDY	Parametric Optimization in Wire EDM of AISID3 material by sing GRA & GA
	16705A0322	Pradeep Kumar R		
	16705A0324	Ramalinga Reddy M		
	15701A0381	Siva Sankar M		



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Year: IV
Sec: C

Batch	H.T.No	Name of the student	Guide Name	Title
C 1	15709A0329	Subbarayudu M	Sri.N.Nagaraju	EXPERIMENTAL INVESTIGATION AND OPTIMASATION OF CNC-DRILLING PROCESS PARAMETERS FOR ALUMINIUM-6061 BY USING GREY TAGUCHI METHOD
	15709A0333	Uday Kiran A		
	15709A0321	Reddi Varaprasad I		
	15709A0310	Krishnama Naidu T		
C2	15709A0315	Nityapuja Reddy B	Sri. K.AJAY KUMAR REDDY	ENHANCEMENT OF TRIBOLOGICAL PROPERTIES OF MAGNESIUM ALLOY BY COATING TITANIUM DIOXIDE USING PLASMA SPRAY
	15709A0303	Bhargava Reddy G		
	15709A0330	Sunil Kumar B		
	15709A0334	Venkata Uday Kumar D		
C 3	15701A03A6	Venkata Bala Teja C	Smt. GLORY UJWALA	SYNTHESIZE AND CHARACTERIZATION OF ACRYLONITRILE BUTADIENE STYRENE(ABS)-GRAPHENE NANOCOMPOSITE
	15701A03C0	Viswanth Reddy K		
	15701A03A8	Venkata Ravi Kumar R		
	15701A03B4	Venkateshwarlu B		
C 4	15709A0309	Karthik G	Sri. S.MD. JAMEEL BASHA	DEVELOPING OF ALUMINIUM ALLOY 6061 BY REINFORCING WITH TITANIUM DIOXIDE AND BORON NITRIDE AND PERFORMING THE MECHANICAL TESTS
	15709A0308	Jathin Kumar Reddy Y		
	16700A0304	Venkata Narayana R		
	15709A0311	Manoj Kumar Raju C		
C 5	16705A0341	Vivekananda Reddy S	Sri. N. KISHORE KUMAR	DEVELOPMENT AND STUDY OF AL ALLOY 7075 BY REINFORCING WITH NANOPARTICLES OF BORON NITRIDE AND TUNGSTEN CARBIDE BY USING STIR CASTING PROCESS.
	16700A0302	Jayachandra Reddy M		
	15709A0306	Hari Krishna G		
	15709A0328	Sreenivasulu N		
C 6	15701A03A5	Veerat Reddy K	Ms. M. SUNEETHA	DEVELOPMENT OF BIOACTIVE MATERIALS FOR ORTHOPEDIC IMPLANTS
	15709A0323	Sai Charan V		
	15701A03C1	Wasim Ahmed N		
	15709A0337	Yeswanth Kumar Reddy M		
C 7	16705A0340	Vishnuvardhan Reddy O	Sri. V VENKATESH	3D PRINTED CORE SHELL BIO ACTIVE LI &SI SCAFFOLDS FOR OSTROCHONDRAL DEFFECTS REGENERATION
	16705A0335	Thirumala Kishor C		
	16705A0334	Surendra Babu P		
	16700A0303	Mahendra Yadav O		
C 8	16700A0301	Chaitanya B	Sri. S RAMESH BABU	FRICTION STIR WELDING ON HIGH DENSITY POLYETHLYNE WITH REINFORCEMENT OF CERAMICS AND NON-FERROUS METAL
	15701A03B1	Venkata Suresh B		
	15709A0335	Vinod Kumar Reddy BV		
	15701A03B0	Venkata Suresh Babu V		
C 9	15701A03B8	Vinod Kumar I	Smt. K NAGAMANI	Optimization of process parameters in FSW of aluminium 2618 by reinforced of ceramics
	15701A03C3	Zaheer Ahmed N		
	15701A03C2	Yaswanth Reddy B		
	15701A03B7	Venugopal Reddy C		
	15709A0304	Dheeraj Reddy D		

C 10	15709A0317	Pavan Kalyan Reddy S	Sri. S M SALEMUDDIN	Design and fabrication of low cost ball milling machine for producing nanoparticles
	15709A0322	Roohul Ameen K		
	15709A0336	Venkateswarlu Reddy S		
	15709A0332	Surya Theja C		
C 11	15709A0313	Narahari V	Sri. S NAGENDRA	Developing of aluminum alloy 7075 by reinforcing with(tio2&wc)nanoparticle and performing mechanical test on aluminium alloy 7075
	15709A0331	Surya Teja S		
	16705A0336	Veera Manikanta V		
	15709A0320	Ramsai G		
C 12	15709A0307	Imran S	Sri S VIJAY KUMAR REDDY	Analysing the performance and emission characteristics of a diesel engine by using Thermal Barrier Coating
	16705A0337	Venkata Mahesh G		
	15709A0305	Ganesh A		
	15709A0302	Basheer S		
C 13	16705A0338	Venkata Ramanaiah N	Sri. N JAYAKRISHNA	Experimental investigation on mechanical properties of magnesium based metal matrix composites
	15709A0314	Navakanth Reddy K		
	15709A0316	Omkar Vamsi Krishna S		
	16705A0339	Vinod Kumar R		
	15709A0301	Ashok Kumar T		
C 14	15701A03B6	Venkateswarlu P	Sri. C THIRUPATHAIAH	surface analysis on CNC drilling of aluminium metal matrix composites
	15701A03B3	Venkatesh B		
	15701A03B2	Venkatasai Guru		
	15709A0326	Sivananda Reddy S		



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