

**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 (2017-2018)  
during Fourth year.**

**A-Section**

**Batch: 2014-2018**

<b>S.No.</b>	<b>B No.</b>	<b>Guide Name</b>	<b>H.T.No</b>	<b>Project Title</b>
1	A1	Sri. D VISHNU VARDHAN REDDY	14701A0333	FABRICATION OF MANUALLY OPERATED SHOULDER PRESS MACHINE FOR BODY FITNESS AND POWER GENERATION
			14701A0338	
			15705A0307	
			14701A0303	
2	A2	Sri. N NAGARAJU	14701A0334	DEVELOPMENT OF SOLAR PANEL CLEANING SYSTEM
			14701A0311	
			15705A0309	
3	A3	Smt. N GLORY UJWALA	14701A0312	PRODUCTION OF NANOFABRICS THROUGH ELECTROSPINNING PROCESS BY USING HYBRID POLYMERS
			14701A0323	
			14701A0305	
			15705A0312	
4	A4	Sri. M LOKNATH	14701A0346	PERFORMANCE ANALYSIS OF HHO GAS ADDITION ON SINGLE CYLINDERFOUR STROKE SI ENGINE
			14701A0335	
			14701A0309	
			14701A0325	
5	A5	Sri. K AJAY KUMAR REDDY	14701A0345	ENHANCEMENT OF CORROSION RESISTANCE OF MAGNESIUM ALLOY BY COATING NIOBIUM PENTOXIDE USING PLASM SPRAY
			14701A0343	
			14701A0313	
			14701A0326	
6	A6	Sri. S NAGENDRA	15705A0315	EXPERIMENTAL INVESTIGATIONS ON 4-STROKE DIESEL ENGINE WITH BIO DIESELS(COTTON SEED OIL)
			14701A0324	
			15705A0308	
			14701A0331	
7	A7	Sri. B SANTHOSH KUMAR	14701A0310	FABRICATION OF FLOORING TILES MADE OF THERMOSEETING PLASTIC
			15705A0306	
			14701A0314	
			14701A0304	
8	A8	Sri. A V N S KIRAN	14701A0327	FABRICATION OF PUSH OPERATED SPRAY
			14701A0328	
			14701A0329	
			15701A0303	

9	A9	Sri. S Md SALEEMUDDIN	14701A0317	DESIGN OF CELLULAR MANUFACTURING SYSTEM BY USING HEURISTIC APPROACHES
			14701A0315	
			14701A0302	
			15705A0301	
10	A10	Sri. A HEMANTHA KUMAR	15705A0305	FABRICATION OF BOX TRANSPORTING MECHANISM
			15705A0311	
			15705A0304	
			15705A0302	
11	A11	Dr. N VENKATA CHALAPATHI	14701A0348	THERMAL PERFORMANCE OF CYLINDRICAL HEAT PIPE USING NANOFLUIDS
			14701A0337	
			14701A0332	
12	A12	Sri. B VENKATESH	14701A0344	EXPERIMENTAL STUDY ON VCR ENGINE FUELLED WITH COCONUT SEED OIL ETHYL ESTER BLENDS
			14701A0339	
			14701A0330	
			14701A0347	
13	A13	Sri. VENKATA AJAY KUMAR G	14701A0318	MULTIPLE PERFORMANCE CHARACTERISTICS OPTIMIZATION IN WIRE ELECTRIC DISCHARGE MACHINING OF INCONEL 750 USING TAGUCHI COUPLED GREY RELATIONAL ANALYSIS
			14701A0316	
			14701A0321	
			14701A0319	
14	A14	Smt. T NISHKALA	14701A0308	OPTIMISATION OF EDM PROCESS PARAMETERS MACHINING OF 15-5 PH STAINLESS STEEL BY USING GREY TAGUCHI
			14701A0341	
			14701A0307	
			14701A0306	
15	A15	Sri. A HARSHA VARDHAN REDDY	15705A0316	FABRICATION OF AUTOMATIC DRAINAGE CLEANER
			15705A0313	
			15705A0314	
			15705A0310	



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**B-Section**

**Batch: 2014-2018**

S.No	B No.	H.T.No	Guide Name	Title of Project
1	B1	14701A0356	Sri. R V N R SURYA PRAKASH	Optimization Of EDM process parameters on Smart materials through Fuzzy Coupled With Taguchi Technique
		14701A0360		
		14701A0357		
		14701A0366		
2	B2	14701A0386	Sri. A.H.Krian Teja	Thermal Analysis of Cryogenic CH4 and Oxygen ignition System by using CFD
		14701A0365		
		14701A0379		
		14701A0351		
3	B3	15705A0323	Sri. V MALLIKARJUNA	Testing & Evaluation of weld joint by using NDT
		15705A0330		
		15705A0320		
		14701A0350		
4	B4	14701A0382	Sri. VENKATA AJAY KUMAR G	Fabrication of small Quantity Lubrication Set up and Experimental Study with vegetable based oil in Turning
		14701A0372		
		14701A0384		
		13701A0310		
5	B5	14701A0374	Smt. K. NAGAMANI	Effect of parameters on Friction Stir Welding of Magnesium –Boron Carbide Alloy
		14701A0355		
		15705A0327		
		14701A0388		
6	B6	15705A0329	Ms. P SALONICA SRAVANI	Fabrication & Characterization of Al 7075/Ti & Sic MMC Using Stir Casting Method
		14701A0377		
		15705A0326		
		14701A0389		
7	B7	15705A0319	Sri. S.INAYATH	Virtual Knee Brace for Polio Affected people
		15705A0324		
		15705A0317		
		14701A0368		

8	B8	14701A0349	Sri. N.JAYAKRISHNA	Design & Fabrication of Detachable E-Motile Wheel chair
		14701A0367		
		14701A0376		
		14701A0370		
9	B9	14701A0387	Sri. M MARUTHI PRASAD	A Heuristic Method for manufacturing Dynamic cell Formation problem using Neural network
		14701A0371		
		14701A0381		
		14701A0378		
10	B10	14701A0359	Ms. M SUNEETHA	n vitro study of zirconium Coating on Magnesium alloy using Surface modification technique
		15705A0318		
		14701A0352		
		14701A0358		
11	B11	15705A0322	Prof. N SIVARAMI REDDY	LPG Refrigeration
		15705A0321		
		14701A0362		
		13701A0342		
12	B12	15705A0339	Sri. C RAMANJANEYULU	FABRICATION OF AIR COOLER WITH VENTURIE EFFECT
		15705A0328		
		14701A0353		
		14701A0385		
13	B13	14701A0380	Sri. M DASTAGIRI	Design & Development of Digital fuel indicator in Automobile
		14701A0373		
		14701A0369		
		14701A0390		
14	B14	14701A0383	Dr.D.Krishna Mohan Raju	Design and fabrication of Economical Solar Photo Voltic Power Plant with reflector Tracking System
		14701A0361		
		14701A0363		
		14701A0364		



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**C-Section**

**Batch: 2014-2018**

S.No	B No.	Name of the Student	H.T.No	Guide Name	Title
1	C1	RANGA G	15705A0331	Sri. C THIRUPATHAIAH	DESIGN AND FABRICATION OF POWER SAVING CEILING FAN
		VENKATA BHARGAVANATH T	15705A0341		
		VISWANATH NAIK M	14701A03D5		
		SURYA PRAKASH P	14701A03B2		
2	C2	VENKATA SAI KUMAR R	14701A03C4	Sri. Y POORNA CHANDRASEKHAR	STEP-BASED- AUTOMATIC RECOGNITION OF MACHINING FEATURES OF A CAD MODEL
		VENKATA SIVA SANKAR A	14701A03C9		
		SIVA PRASAD BABU G	14701A03A4		
		VENKATA PRAVEEN KUMAR K	14701A03C2		
3	C3	VENKATA SAI TEJA K	14701A03C7	Dr. N VENKATA CHALAPATHI	DEVELOPMENT AND FABRICATION OF RIVER CLEANING ROBOT
		SRIDHAR REDDY V	14701A03A8		
		SUDHAKAR GOLLA	14701A03B0		
		VENKATA SAI PRAHARSHA G	14701A03C6		
4	C4	REDDY SURENDRA C	14701A0391	Sri. G AMARNATH	APPLICATION OF LEAN 5S PRINCIPLE AND SIX SIGMA DMAIC PRICIPLE
		UMAR RAMAPURAMSHAIK	14701A03B5		
		SISINDHAR REDDY VEMULA	14701A03A2		
		ROHITH SIRANGI	14701A0392		
5	C5	VENKATA SIVA REDDY T	14701A03C8	Smt. N DEEPTHI	DESIGN AND FABRICATION OF POWER SAVING AIR COOLER WITHOUT WATER PUMP AND MATS
		VENKATA RAVITEJA REDDY P	14701A03C3		
		VISHNU VARDHAN REDDY S	15705A0343		
		UDAYKANTH REDDY	14701A03B4		
6	C6	VENKATESH MINCHALA	14701A03D1	Sri. SMD. JAMEEL BASHA	MECHANICA BEHAVIOR OF E- GLASS,EPOXY REINFORCED WITH FILLER MATERIAL (E-WASTE) COMPOSITE
		VISHNU VARDHAN YADAV M	14701A03D4		
		VINAY KUMAR VALLURU	14701A03D2		
		SUDHAKAR REDDY ANNEM	15705A0337		
7	C7	SAI CHARAN ANNAMRAJU	14701A0395	Sri. O Y V SUBBAREDDY	DEVELOPMENT OF EXTRUSION PRINTED Ti6A14V BONE SCAFFOLD
		SAHISHNAV REDDY AMBATI T	14701A0394		
		SASI VARDHAN C	14701A03A0		
		SAI LAKHMAN NAIDU T	14701A0396		

8	C8	VISWANATH P	14701A03D6	Sri. G SURESH BABU	DESIGN AND FABRICATION OF "EFFICIENT LPG COOKING STOVE" BY USING A HEAT EXCHANGER
		SUDARSANAM K	15705A0335		
		SRIKANTH A	14701A03A9		
		SIVA KUMAR M	14701A03A3		
9	C9	VISHNU VARDHAN RAJU C	14701A03D3	Sri. S VIJAY KUMAR REDDY	ANALYSING THE PERFORMANCE AND EMISSION CHARACTERISTICS OF LHR ENGINE
		SAIPRASAD B	14701A0398		
		UPENDRA REDDY V	14701A03B7		
		VENKATA SUDHAKAR B	14701A03D0		
10	C10	N SREENIVASULU	15705A0334	Sri. N KISHORE KUMAR	DEVELOPMENT OF AI ALLOY BY REINFORCING OF NANO PARTICLES BY USING STIR CASTING PROCESS & FINDING MATHEMATICAL MODELLING OF MATERIAL REMOVAL RATE AND SURFACE ROUGHNESS OF NICKEL BASED ALLOY IN DIE-SINKING EDM
		SABARI GIREESH K	14701A0393		
		SAI TEJA PENDELA B	14701A0397		
		SIVARAMAKRISHNA S	15705A0333		
11	C11	VEERA RAVITEJA K	14701A03C0	Sri. P RAVINDRANATH REDDY	MATERIAL REMOVAL RATE AND SURFACE ROUGHNESS OF NICKEL BASED ALLOY IN DIE-SINKING EDM
		UPENDRA REDDY K	14701A03B6		
		VENKATA KALYAN G	14701A03C1		
		VAMSI KRISHNA K	14701A03B9		
12	C12	SUDHAKAR KARMURU	15705A0336	Sri. V VENKATESH	DEVELOPMENT OF 3D HYPER ELASTIC BONE SCAFFOLD
		VENKATA HAREESH GALI	15705A0342		
		SIVANAGENDRA N	14701A03A5		
		SUDHARSHAN MAKAM	14701A03B1		
13	C13	SREENI VASULU SEELAM	14701A03A7	Smt. D SWETHA	DESIGN AND FABRICATION OF AUTOMATED HACKSAW MACHINE
		SREEHARSHA GOBBILLA	14701A03A6		
		VAMSI KARTHIK REDDY A	14701A03B8		
		SANDEEP KUMAR REDDY S	14701A0399		
14	C14	TIRUMALA SUDHAKAR J	15705A0338	Sri. S RAMESH BABU	IMPROVEMENT OF MECHANICAL AND METALLURGICAL PROPERTIES IN FSW OF POLYETHYLENE
		SAMPATH KUMAR J	15705A0332		
		SATHISH SAKE	14701A03A1		
		R MACHANDRA REDDY K	15705A0344		



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