


**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES :: RAJAMPET**

**(AUTONOMOUS)**

**Department of Mechanical Engineering**

**Batch:2017-2021**

| S.No | H.T.No     | Name of the student          | Guide Name        | Project Titles  |
|------|------------|------------------------------|-------------------|---|
| 1    | 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    |                   |   |
| 2    | 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             |                   |   |
| 3    | 17701A0373 | SIRIGIRI VENKATA SAI KUMAR   | 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            |                   |   |
| 4    | 18705A0328 | SAINATH REDDY MUKKAMALLA     | G. AMARNATH       | Prediction of used car price by using machine learning  |
|      | 18705A0324 | PRUTHVI SAI GANESH S         |                   |   |
|      | 17701A0357 | GANGIREDDYGARI SIVA REDDY    |                   |   |
|      | 17709A0301 | ATMAKURU DEVENDRA            |                   |   |
| 5    | 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       |                   |   |
| 6    | 17701A0368 | UMMALARAJU SRIHARI RAJU      | M. MARUTHI PRASAD | Automatic Bike side stand slider  |
|      | 17709A0303 | KANDULA GIRIDHAR REDDY       |                   |   |
|      | 18705A0327 | RAMKUMAR BANDA               |                   |   |
|      | 17701A0353 | MUDE SANTHOSH NAIK           |                   |   |
| 7    | 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    |                   |   |

  
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|----|------------|------------------------------|----------------------------|--|
| 8  | 17709A0311 | NANDYALA SAI.P               | V.<br>MALLIKARJUNA         | Fabrication of portable air humidifier   |
|    | 17709A0308 | SAADHU PREM SAGAR REDDY      |                            |  |
|    | 17709A0312 | BALLA VENKATESH              |                            |  |
|    | 17709A0302 | RUDRU GANGA CHANDRA .P       |                            |  |
| 9  | 17701A0375 | VENKATARAMAN BALAJI          | C.<br>RAMANJANEYULU        | Heat transfer enhancement by using hybrid nano fluids Al <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub> in heat exchangers |
|    | 17701A0352 | D SAMARA SIMHA REDDY         |                            |  |
|    | 17701A0382 | ANNEM YUVA SAINATH REDDY     |                            |  |
|    | 17701A0367 | SRIHARI BHARGAV PRASAD REDDY |                            |  |
|    | 17701A0360 | BALARAJU SIVAPRASAD RAJU     |                            |  |
| 10 | 17709A0310 | YARRAGUDI SAI KRISHNA        | D. VISHNU<br>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      |                            |  |
| 11 | 18705A0331 | VENKATA NANDA REDDY KAMBAM   | B. SANTOSH<br>KUMAR        | Fabrication of Prototype Model of Eddy current contact less Braking System   |
|    | 18705A0330 | TRINATHA REDDY YANAMALA      |                            |  |
|    | 17709A0309 | CHINDULURI REDDY VENKATA     |                            |  |
|    | 17709A0304 | KUKKAPALLI KIRAN KUMAR       |                            |  |
| 12 | 18705A0334 | VENKATAPRAVEEN KOTTE         | Dr.P.V.SANJEEVA<br>KUMAR   | Modelling and analysis of car fly wheel for variable speeds  |
|    | 18705A0333 | VENKATAGANGADHAR C           |                            |  |
|    | 17701A0379 | ESLAVATH VINODKUMAR NAIK     |                            |  |
|    | 17701A0365 | GURRALA SREERAMULUU          |                            |  |
| 13 | 17701A0361 | NORU SREE VARDHAN REDDY      | G.VENKATA AJAY<br>KUMAR    | Fabrication of multi purpose solar sprayer cum weeder  |
|    | 17701A0377 | C VINESH KUMAR               |                            |  |
|    | 17701A0364 | KURAKULA SREENATH REDDY      |                            |  |
|    | 17701A0374 | BATHULA VENKATA SREEKANTH    |                            |  |
| 14 | 17701A0355 | AKKAM SASIVARDHAN REDDY      | S. RAMESH BABU             | A Review on friction stir welding on polymers  |
|    | 17701A0354 | SINGA SARATHSIMHA REDDY      |                            |  |
|    | 17701A0358 | BAYINENI SIVAKRISHNA         |                            |  |
|    | 17701A0363 | MEKALA SREEKANTH REDDY       |                            |  |

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| S.No | H.T.No     | Name of the student            | Guide Name                | Project Title  |
|------|------------|--------------------------------|---------------------------|--|
| 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                 |                           |  |
| 2    | 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               |                           |  |
| 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    |                           |  |
| 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         |                           |  |
| 5    | 18705A0317 | NAVEEN KUMAR AVULA             | K. NAGAMANI               | Optimizations Of Hardness And Tensile Strength Of Aluminum Alloy 2618A By Using Grey Relational Analysis |
|      | 18705A0303 | ANUDEEP BANGALA                |                           |  |
|      | 18705A0305 | CHANDRAHAS MALA                |                           |  |
|      | 16701A0318 | MUDDULA KRISHNAIAH Y           |                           |  |
| 6    | 18705A0306 | CHANDRASEKHAR SANGEETHAM       | V. VENKATESH              | FABRICATION OF XY PLOTTER  |
|      | 18705A0315 | MARUTHI K                      |                           |  |
|      | 17701A0302 | PEDDAPARSHA ABHIRAM            |                           |  |
|      | 17701A0312 | DEVANGAM MAILARI CHARAN        |                           |  |
| 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          |                           |  |
| 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 |                           |  |
| 9    | 18705A0316 | NARESH A                       | S. NAGENDRA               | AUTOMATIC SEED SOWING ROBOT  |
|      | 18705A0304 | CHAITHANYA JAKKAMPUTI          |                           |  |
|      | 18705A0308 | CHINNA SIVUDU NAIK MUDE        |                           |  |
|      | 16701A0339 | SIVADATHA                      |                           |  |

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|----|------------|------------------------------|-----------------------------|---|
| 10 | 18705A0301 | ABDULGAFOOR SHAIK            | Dr. D.KRISHNA<br>MOHAN RAJU | DESIGN OF BUS BODY TO IMPROVE MILEAGE<br>BY REDUCING WIND FRICTION LOSSES                                       |
|    | 18705A0312 | KHULUD SHAIK                 |                             |   |
|    | 17701A0349 | MULINTI SAI KUMAR REDDY      |                             |   |
|    | 17701A0339 | ALAMURU RAHIM BABU           |                             |   |
| 11 | 18705A0313 | MADHU BALIJA                 | G.SURESH BABU               | DEVELOPMENT OF CORROSION RESISTANCE<br>COATINGS ON MAGNESIUM FOR ORTHOPEDIC<br>APPLICATIONS                     |
|    | 18705A0311 | KARTHIKEYA KUNJETI           |                             |   |
|    | 17701A0314 | PUTLURU GANESH KUMAR REDDY   |                             |   |
|    | 17701A0338 | PRUDHVIRAJU                  |                             |   |
| 12 | 17701A0347 | CHUKKA SAI KIRAN             | C. THIRUPATHAIAH            | OPTIMIZATION OF DRILLING PARAMETERS<br>ON CNC MACHINE OF AL-6063  |
|    | 18705A0309 | HANIF SIDHARTHA VALLURU      |                             |   |
|    | 17701A0350 | KORAMUTLA SAI NAVEEN         |                             |   |
|    | 17701A0345 | GANGARAJU ROHITH VARMA       |                             |   |
| 13 | 17701A0307 | SYED AZHARULLAH              | K.AJAYA KUMAR<br>REDDY      | INVESTIGATION OF MECHANICAL PROPERTIES<br>& CORROSION RESISTANCE OF MAGNESIUM<br>ALLOY FOR MEDICAL APPLICATIONS |
|    | 17701A0341 | KAKANURU RAKESH REDDY        |                             |   |
|    | 17701A0309 | SINGASANI CHAITANYA          |                             |   |
|    | 17701A0311 | MANNURU CHANDRASEKHAR        |                             |   |
| 14 | 17701A0304 | KANCHAM AMARNATH REDDY       | S.M.SALEEMUDDIN             | COMPARISON OF STRUCTURAL AND THERMAL<br>ANALYSIS OF DIFFERENT TYPES OF<br>CONNECTING ROD                        |
|    | 17701A0315 | KOTHAPALLI GIRIDHARREDDY     |                             |   |
|    | 17701A0316 | PASHAM GOPIKRISHNA           |                             |   |
|    | 17701A0305 | BOYA ARAVIND                 |                             |   |
|    | 14701A0350 | M Madhuvaran                 |                             |   |
| 15 | 18705A0310 | HARIKRISHNA YADAV YEDDULA    | N.DEEPTHI                   | OPTIMIZATION OF PROCESS PARAMETERS IN<br>WIRE EDM PROCESS   |
|    | 17701A0308 | LAKKASANDRAM BHARGAV         |                             |   |
|    | 17701A0310 | YERRAGUNDU CHANDRA OBULREDDY |                             |   |
|    | 18705A0314 | MADHUSUDHAN REDDY M          |                             |   |

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