

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNTUK, Accredited by NAAC)

Recognized by UGC under section 2(f) of UGC ACT 1956

Aditya Nagar, ADB Road, Surampalem. Kakinada-533003

2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Optimization of Emission by using Gasoline blend fuels & to enhance the performance**” is being submitted by

15P31A0303

ANASURI BALAJI

15P31A0313

CHOWHAN SURAJ HANUMAN SINGH

15P31A0308

CHAKKA PURNA NAGA VIJAY KUMAR

15P31A0304

ARIGI YAMANTH

15P31A0330

KELLA PREM SAGAR

In partial fulfillment of the requirement for the award of Bachelor of Technology in mechanical Engineering, during the academic year 2018-2019. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.


Project Guide

M. LAKSHMI

Assistant Professor

Dept. of Mechanical Engineering

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Head of the Department

Dr. T SRIHARI

Professor

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External Examiner

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16P35A0311

TEKUMUDI VENKATA KALYAN

16P35A0312

VANUMU ARUN KUMAR

15P31A0312

CHINTHAPALLI SURESH

15P31A0350

SABBINEEDI SRIDHAR

15P31A0318

LODA ENOCH TEJ

In partial fulfillment of the requirement for the award of Bachelor of Technology in mechanical Engineering, during the academic year 2018-2019. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.

Project Guide

R.S.M Jyothi
R.S.M JYOTHI

Assistant Professor

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T. Srihari
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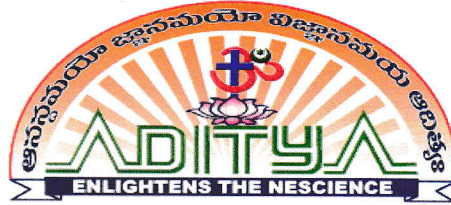
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and Fabrication of Hydraulic lift pallet Truck**” is being submitted by

| | |
|------------|------------------------------|
| 15P31A0343 | PARIMI BHARGAVA VENKATA SIVA |
| RAM | |
| 15P31A0351 | SALADI ABHI SAI |
| 15P31A0320 | GADI SAI KUMAR |
| 15P31A0352 | SODAPANEEDI SATYA BHASKAR |
| 15P31A0329 | KATTA NAGA SATYA DURGA SHIVA |
| SHANKAR | |

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Project Guide

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2018-19

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CERTIFICATE

This is to certify that the project entitled **"Fabrication of Gym Bike"** is being submitted by

16P35A0310

SRIMANTHULA NAVEEN ROYAL

16P35A0304

MALLIDI SURENDRAREDDY

15P31A0305

BANDANA MANI POSI BABU

15P31A0317

ENAKONDA VENKATESH

15P31A0327

KARRI DURGA PRASAD

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A. Lalitha Jyothi

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CERTIFICATE

This is to certify that the project entitled “Study of temperature's effect on mild steel” is being submitted by

15P31A0325

JYOTHULA SRIMANTHA RAJU

16P35A0308

PUSARLA RAJGOPAL

15P31A0324

INUMARTHI LAKSHMI RAVITEJA

15P31A0355

VANAPARTHI VENKATESH

15P31A0354

UPPE ROHIT KRISHNA

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Project Guide

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DEPARTMENT OF MECHANICAL ENGINEERING




CERTIFICATE

This is to certify that the project entitled “**Experimental Analysis of heat transfer enhancement through twisted fin**” is being submitted by

| | |
|------------|------------------------------|
| 15P31A0332 | KOLLURI SIVA TEJA |
| 15P31A0321 | G VEERA VENKATA SURYATEJA |
| 15P31A0307 | BUDDALA SATISH KUMAR |
| 15P31A0309 | CHANDALA DILIP KUMAR |
| 15P31A0340 | P N V KRISHNARJUNA PAVAN SAI |

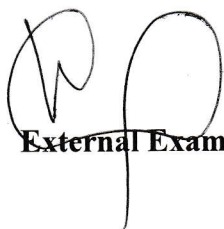
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Project Guide

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Determining quality of steam using Cuo Nanofluid using seperating & throttling calorimeter**” is being submitted by

15P31A0319

GADI GANESH

15P31A0336

MATTURTHI SRIDHAR

15P31A0339

Miss OLETY BHANU SUCHARITHA

15P31A0347

PULIDINDI DAVID MANIKRANTH

15P31A0334

MANDA HARISCHANDRA REDDY

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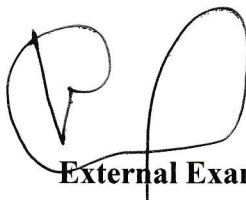

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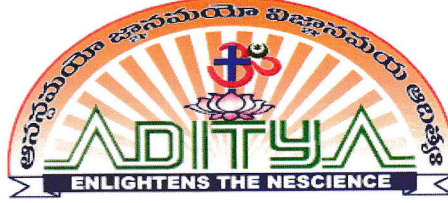
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Contactless Eddy current braking system**” is being submitted by

15P31A0341

PANASA PAVAN GOVIND RAJULU

15P31A0310

CHAPPIDI NARESHKUMAR

15P31A0311

CHELLUBOYENA TEJAS KUMAR

15P31A0326

KAREDLA GANESH

15P31A0345

PEMMADI CHINNA GOVIND RAJU

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CERTIFICATE

This is to certify that the project entitled “**Fabrication of Solar wind powered street light**” is being submitted by

16P35A0307

NALLALA SATISH

16P35A0305

MANIRATNAM STEPHENS

16P35A0303

GANUGULA RAJESH

15P31A0360

YANDAMURI SRI RAMA TEJA

15P31A0316

DUKKA ANANDARAO

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Dr. T. SRI HARI

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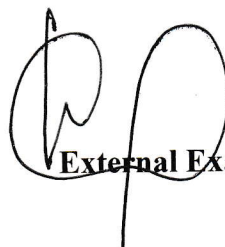

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Unconvetional Air cooling system**” is being submitted by

15P31A0301

AJJARAPU SATYA SAI BHARADWAJ

16P35A0306

MEDISETTI NAVEEN

15P31A0357

VELISETTI MANI SANKAR

15P31A0358

Miss VENNA MANGA DEVI

15P31A0337

M PRAKASH BHARGAVA NAIDU

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Project Guide

G. Rajeswar
G. RAJESWAR

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “Design & prototyping of 3D printed Industrial Robotic Arm” is being submitted by

15P31A0322

GANAJALA SIVA

15P31A0331

K VENKATA SATYA MANIDEEP

16P35A0309

SANGISETTI SATYANARAYANA

15P31A0323

GURRAM RUTHVI CHAITANYA

15P31A0306

BHERI RAJESH

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Project Guide

P. JAISHAN

Assistant Professor

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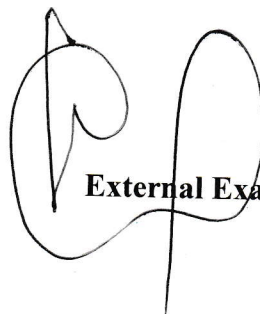
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and Prototype of Shadow based Industrial Swarm Robot**” is being submitted by

15P31A0335

MANTHA VIVEKANAND

15P31A0359

YAKKALA JASWANTH PRAKASH

15P31A0333

KOMARI VENKATA AVINASH

15P31A0356

V VEERA BOGA VASANTH KUMAR

15P31A0342

PANDURI OMKAR

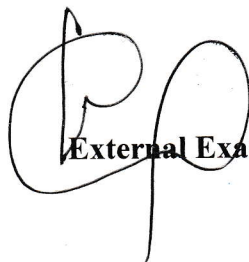
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Project Guide

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Solar cycle**” is being submitted by

16P35A0301

DASAM VENKATA RAO

15P31A0346

Miss POKALA ASHA

16P35A0302

DOMMALAPATI LOKESH

15P31A0349

REDDY MANIKANTA

15P31A0338

MUGGULLA DURGA PRASAD

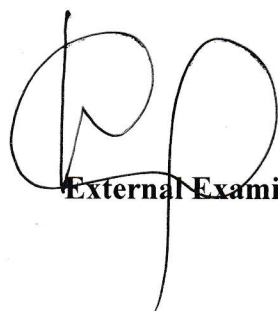
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Project Guide

A. CHIRANJEEVI.V.S. PRASAD
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and fabrication of Omni ambulance**” is being submitted by

15P31A0372

G UDAY

15P31A03C0

YUBRAJ KODI

15P31A0377

I VENKATA GIRI

15P31A0367

B SUBHASH

15P31A0395

P TEJA SANTOSH

15P31A0399

P GOPI

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M.S. Pravallika
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M.S.PRAVALLIKA

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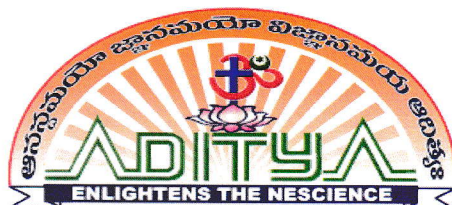
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and fabrication of Omni ambulance**” is being submitted by

15P31A0379

J S V D VAMSI

15P31A0374

G SAI KRISHNA VARMA

15P31A0396

P RAHUL SATYA SAI KRISHNA

15P31A03A0

P VENKATA RAO

15P31A0381

K VINAY

15P31A03B0

T BHANUPRAKASH

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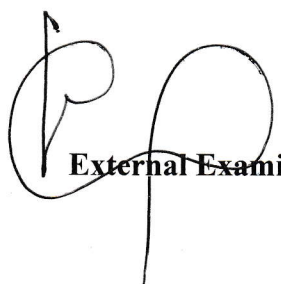

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and prototyping of quadraped Robot using Theojsansen Mechanism**” is being submitted by

15P31A0375

G RAMESH

15P31A0382

K PAVAN KALYAN

15P31A0387

M TEJA VARMA

15P31A0391

M JOHN VARA PRASAD

15P31A03A7

S VENKATA RAMANA

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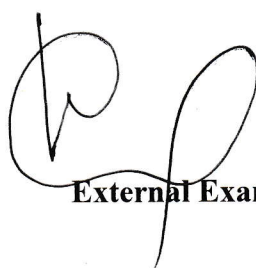
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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Multi purpose floor cleaning vehicle**” is being submitted by

16P35A0316

VIJAY KRISHNA RAO CHINTA

15P31A03B1

T NAGA SITA GANGADHAR

16P35A0323

P VEERA VENKATA SAI MANIDEEP

15P31A0366

B SRINIVAS

15P31A03A5

S LALITH SAI VENKATESH

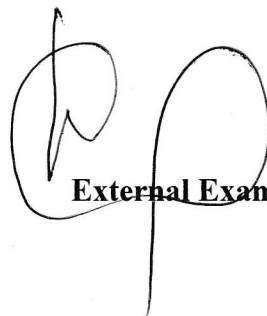
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| | |
|------------|-----------------------|
| 16P35A0324 | P SUDHAKAR |
| 15P31A0370 | G RAMA KRISHNA |
| 15P31A0361 | A VENKATA PAVAN KIRAN |
| 15P31A0390 | MODALI KRISHNACHAND |
| 15P31A0398 | PERLA SRINIVAS |
| 14P31A0368 | GUNTREDDY RAMPRASAD |

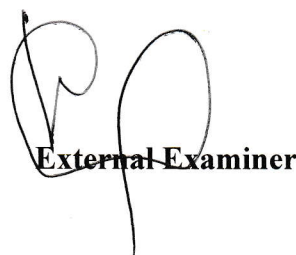
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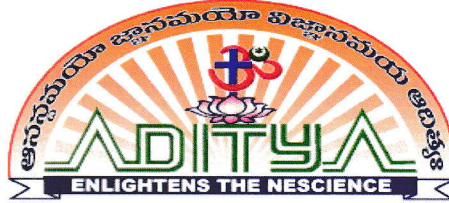
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Aditya Nagar, ADB Road, Surampalem. Kakinada-533003

2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design, Fabrication and Experimental Analysis on Solar Concrete flat plate Collector**” is being submitted by

15P31A0364

A SAI LAKSHMI SATYANARAYANA

15P31A0376

G VEERA VENKATA ADINARAYANA

15P31A03A9

T SAIRAM GOWTHAM

15P31A03B3

T BALAJI

15P31A03A8

S RAMAKRISHNA

In partial fulfillment of the requirement for the award of Bachelor of Technology in mechanical Engineering, during the academic year 2018-2019. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.


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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Multi purpose operating machine**” is being submitted by

15P31A0362

A VEERABABU

15P31A0371

G PRAVEEN KUMAR

15P31A03B9

V KUMAR RAJA

15P31A0394

P VENKATESH

15P31A0369

D APPALA SWAMY

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and Fabrication of Hydraulic lift pallet Truck**” is being submitted by

15P31A0363

A V D S G SATYANARAYANA

15P31A0392

O VEERASWAMY

16P35A0319

I V V DURGAPRASAD

16P35A0320

K V HEMA SUNDAR

15P31A03B4

T RAVI TEJA

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R. Gayatri Devi
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fuel Extraction from plastic**” is being submitted by

15P31A0384

K V V V RAM GANESH

16P35A0321

K N V DURGA AJAY

15P31A0386

K S K LAKSHMIKANTA REDDY

15P31A03A3

R DURGA KUMAR

16P35A0314

A VINOD KUMAR

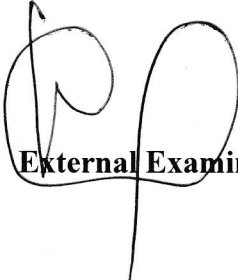
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Project Guide

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CERTIFICATE

This is to certify that the project entitled “**Fuel Extraction from plastic**” is being submitted by

15P31A03B8

V VEERA MANIKANTHA

16P35A0317

D VENKATA MALLIKARJUNA

15P31A0397

P VARUN SANDEEP

15P31A0380

K SATYA SWAROOP

15P31A0388

M HARISH KUMAR

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design & Fabrication of Pneumatic sheet metal cutting machine**” is being submitted by

15P31A0389

M SIVA SAI KUMAR

16P35A0318

G NAGARAJU

15P31A0368

B SATYA SRINIVAS

15P31A03A2

R RAVINDRA

15P31A03B2

T PRASAD

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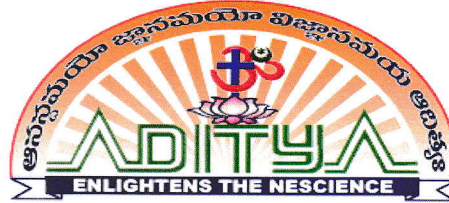
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Solar wind power street light**” is being submitted by

15P31A03A4

R SAI

15P31A03A6

S MANIKANTA SWAMI

16P35A0313

A RANJIT KUMAR

16P35A0322

K LOKESH KUMAR

15P31A0385

K V D RAGHU SAIRAM

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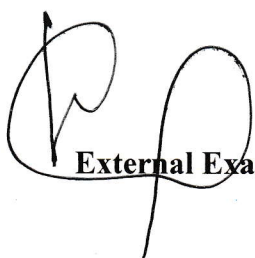

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design & Fabrication of Exoskelton Arm**” is being submitted by

| | |
|------------|-----------------------|
| 15P31A0373 | GOPAL KARAN |
| 15P31A03A1 | RAICHANDRA HAORONGBAM |
| 15P31A03B6 | U SWAROOPA PRAVEEN |
| 16P35A0315 | C AVINASH |
| 15P31A0314 | DEBASHIS DE |
| 15P31A0353 | SUBHAM SHAW |

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| 15P31A03B6 | U SWAROOPA PRAVEEN |
| 16P35A0315 | C AVINASH |
| 15P31A0314 | DEBASHIS DE |
| 15P31A0353 | SUBHAM SHAW |

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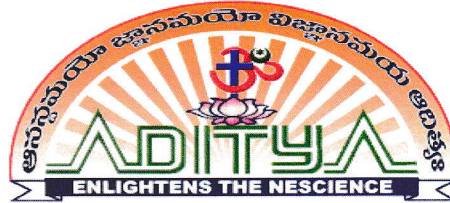
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “Investigation on Torque Improvement of Small Scale Vortex Turbine Using Numerical and Experimental Studies” is being submitted by

15P31A03J9

K SAI RAM

16P35A0342

K MANIKANTA

15P31A03I8

G VENKATESH

15P31A03J8

K V V CHINNA RAO

15P31A03I3

B SATISH KUMAR

15P31A03K9

M KARTIKEYA

15P31A03L0

A KANAKA SAI PARDHU

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Experimental Investigation on Engine Performance an Emission Analysis of Diesel Engine Operated on Mustard Oil Biodiesel Using Al₂O₃ Nano Particles With EGR**” is being submitted by

15P31A03H2

V VENKATA PRASANNA

15P31A03F8

P GANESH KUMAR

15P31A03F5

N KIRAN SAI

15P31A03H8

A NAGA BHEEMESH

15P31A03H6

Y SAI RAM

15P31A03F0

M SURYA NAIDU

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Project Guide

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Experimental Analysis on Mechanical Properties of Pineapple and Okra Based Natural Composite Fibers**” is being submitted by

15P31A03J7

15P31A03M1

15P31A03K8

15P31A03K1

15P31A03J6

15P31A03K3

15P31A03K5

J SRIHARI

R SURESH

M BHAVANI PRASAD

K RAJASEKHAR

I NAVA VINAYBABU

K BHAGAVATPAD

M LAXMAN

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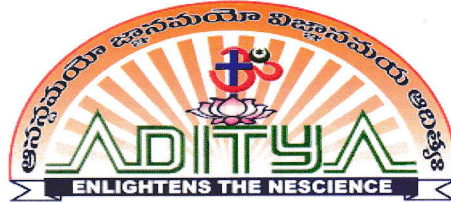
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Experiemental Analysis and fabrication of 2 Wheeler piston with Graphite -Granite Particles Reinforced A 356 Hybrid Metal**” is being submitted by

15P31A03M9

15P31A03K6

15P31A03K7

15P31A03K0

15P31A03I5

15P31A03M0

15P31A03I6

T RAJESH

M VINEETH

M SAMPATH KUMAR

K ABHISHEK

CH AKHIL

D ARAVIND

D VINAYSAI KUMAR

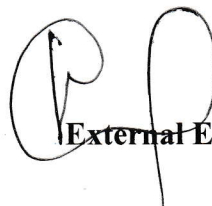
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and Implementation of Novel Contactless Piezo Electric Wind Energy Harvesting Device Using Conada Effect**” is being submitted by

15P31A03G4
15P31A03C8
15P31A03D1
15P31A03E2
15P31A03C2
15P31A03H1
14P31A03F4

S JAYARAM MANIDEEP
A MANOJ KUMAR
B PAVAN DURGA PRASAD
J TEJA
A NOOKA RAJU
T JAYA SURYA
V SURESH

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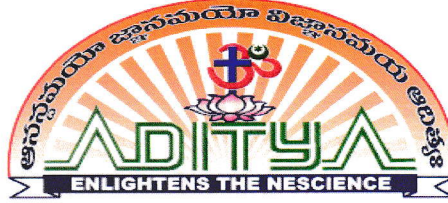
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Performance and Emission Analysis of Diesel Engine Operating on Mustard Biodiesel Blended with Al₂O₃ nano Particles by Changing Injection Timings**” is being submitted by

15P31A03N4

MD MOINUDDEN SHAKIR

15P31A03J0

G VEERA SURYA TEJA

15P31A03M7

T RAKESH

15P31A03J4

HARSHIT KUMAR SINGH

15P31A03L9

R S CHAITANYA

15P31A03L7

P S S S SRINIVAS

15P31A03I9

G BHARGAV

15P31A03L2

M SIMHADRI RAJU

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Experimental Investigation on Engine Performance an Emission Analysis of Diesel Engine Operated on Mustard Oil Biodiesel Using Al2O3 Nano Particles Additive**” is being submitted by

15P31A03M8

15P31A03K4

15P31A03N2

15P31A03M2

15P31A03K2

15P31A03J2

15P31A03L3

T RAMA KRISHNA

K V S ANIL KUMAR

V S G S VISWANATH


R TEJA SURYA

K BALA SUBRAHMANYAM

G SRINIVAS

M NAVEEN

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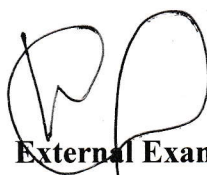

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Desig and Fabrication of Go-KART**” is being submitted by

15P35A0324

P CHAITANYA KRISHNA

15P35A0333

K SIVA SANKAR

15P35A0336

M MANIKANTA

15P35A0337

N GANGADHAR

15P35A0338

S RAMBABU

15P35A0340

V NARAYANA MURTHY

15P35A0343

K HEMANTH KUMAR

15P35A0344

P JAYARAM

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P S V V SRIHARI

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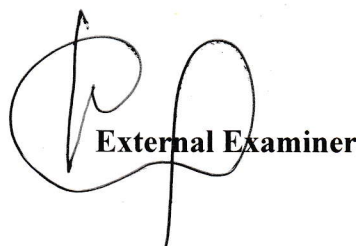

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and fabrication of 360 degree vehicle**” is being submitted by

16P35A0334

PONAMANDI SRINIVASA KALYAN

16P35A0332

MENEDDI KUMAR RAJU

15P31A03G8

SYED TAJUDDIN

15P31A03C4

ANAND KUMAR

15P31A03C5

MD AMIR AZAM

15P31A03H3

VASA VENKATESH

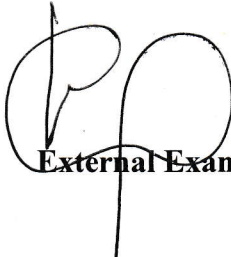
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and fabrication of Electrical Bike**” is being submitted by

16P35A0328

JELLA MATHA RAJU

16P35A0331

MALLESWARAPU VENKAT KUMAR

16P35A0330

KOTIPALLI SRI HARSHA

16P35A0329

KANDE NAVEEN

15P31A03D4

D SIVAKRISHNA PRASAD

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External Examiner

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

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Aditya Nagar, ADB Road, Surampalem. Kakinada-533003

2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Delta Robot**” is being submitted by

15P31A03E0

G KRANTHI KUMAR TEJA

16P35A0333

MIRIYALA ARJUN

15P31A03F2

MANUKONDA VIJAYA RATNAM

16P35A0326

C VEERA VENKATA SUDHEER KUMAR

15P31A03F6

NIMMALA UDAY KUMAR

15P31A03E9

KUPPALA THATEELU

In partial fulfillment of the requirement for the award of Bachelor of Technology in mechanical Engineering, during the academic year 2018-2019. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.


Project Guide

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and fabrication of 360 degree vehicle**” is being submitted by

15P31A03D7

15P31A03H9

15P31A03F9

15P31A03E4

15P31A03C3

GOLLAVILLI SAI RAVI TEJA

AMALAPURAPU KEDARNADH

PUSALA VENKATA VAMSI

KOLA NAVEEN

ALOK KUMAR

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Project Guide

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Experimental Investigation on Spiral Coil Heat Exchanger**” is being submitted by

15P31A03E6

KOTHURI SAIMANIKANTA

15P31A03G0

SALADI PURNACHAND

15P31A03G9

TADI LAKSHMI VINAY REDDY

15P31A03D8

GOPISETTI TARAKA SATYA SAI RAM


15P31A03D9

GULLIPALLI LOKESH

15P31A03D2

CHEKKA CHANDU

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Project Guide

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15P31A03H9

AMALAPURAPU KEDARNADH

15P31A03F9

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15P31A03E4

KOLA NAVEEN

15P31A03C3

ALOK KUMAR

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A.SWATHI

Assistant Professor

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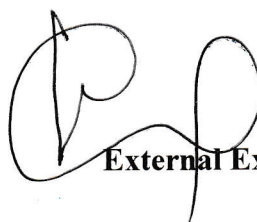

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and fabrication of Electrical Bike**” is being submitted by

15P31A03F7

PERALA SAI RAJA

15P31A03F1

MAMIDI BHARGAVA

15P31A03F4

NAKKA NAGASANKARUDU

15P31A03E1

JAGANA VINOD KUMAR

15P31A03H5

VIPPARTHI DURGA PRASAD

15P31A03D6

ANINDA BHATTACHARJEE

In partial fulfillment of the requirement for the award of Bachelor of Technology in mechanical Engineering, during the academic year 2018-2019. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.

V. Hemanth
Project Guide

V. HEMANTH KUMAR

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T. Srihari
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Dr. T SRIHARI

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Experimental Investigation on Spiral Coil Heat Exchanger**” is being submitted by

15P31A03E8

KUPPALA SATYA ARAVIND

15P31A03G2

SIDDI VIJAYA BHASKAR

15P31A03G1

SAMSANI RAM SUNIL

15P31A03D3

DANDUMENU SAI SRI RAM

16P35A0327

GANAPATHIRAJU AJAYVARMA

15P31A03F3

MATTA SATISH KUMAR GOUD

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Project Guide

P.SVV SRIHARI

Assistant Professor

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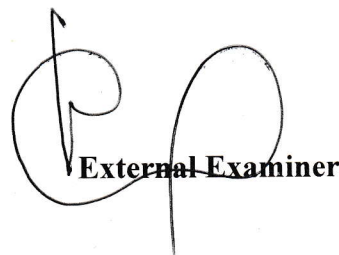

Head of the Department

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Scara Robot**” is being submitted by

15P31A03J5

15P31A03I2

15P31A03I4

15P31A03L1

15P31A03I1

15P31A03H0

IMMIDISETTY VENKATA SUDHEER

BALLA SAI GANAPATHI

BASWA SANJAY BABU

M SRI ADITYA NARASIMHA MURTHY

ANJURI VARAPRASAD

TEJOMURTHULA SAI KUMAR

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Project Guide

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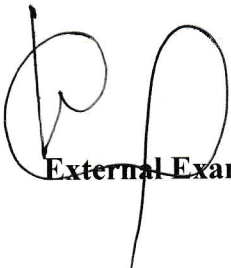

Head of the Department

Dr. T SRIHARI

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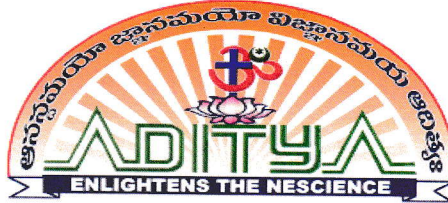
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Fabrication of Mechanical Scissor lift**” is being submitted by

| | |
|------------|---------------------|
| 16P35A0340 | KALAGA VINAYKUMAR |
| 16P35A0343 | KUSUMA BINDU SAGAR |
| 16P35A0338 | AYYELA VARA PRASAD |
| 16P35A0345 | PENKEY ANAND KUMAR |
| 16P35A0346 | SANKARAPU ARAVIND |
| 16P35A0344 | LANKE RAJESH |
| 16P35A0347 | SARIKONDA VEERABABU |

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Project Guide

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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and Development of Eco-friendly robot**” is being submitted by

16P35A0339

CHIKKALA DURGAJI

15P31A03N3

YALAMATI LAKSHMINARAYANA

16P35A0341

KOTAGIRI NAGA SAI DURGA PRASAD

15P31A03L8

PRATHI NAVEEN KUMAR

15P31A03L5

N VENKATA SATYA AKHIL

15P31A03J3

GUTHULA ABHIRAM

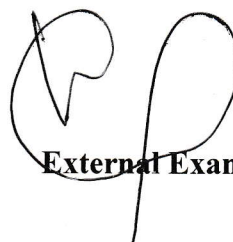
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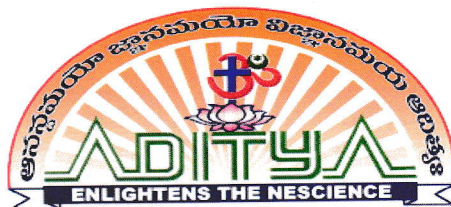
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2018-19

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**Design and Testing of Thermal Regulator System for Microbial Fuel Cell Using Thermogenesis Mechanism**” is being submitted by

15P31A03M3

15P31A03L4

15P31A03M5

15P31A03L6

15P31A03M4

15P31A03N1

14P31A0334

SADANALA VEERENDRA RAKESH

N M SIVANAGA V JAGADISH BABU

SATYAMSETTY VIKASH NAIDU

NUNNA SIVA

SADI VIJAYA SAI MANOJ KUMAR

VENKATA SIVA MANIKANTA M

MARNALA VENKATA SATYA TEJA

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