

# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

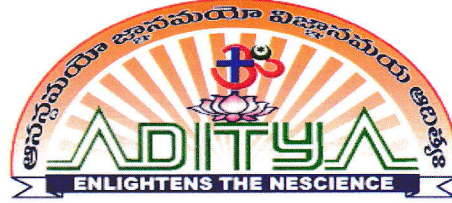
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Recognized by UGC under section 2(f) of UGC ACT 1956

Aditya Nagar, ADB Road, Surampalem. Kakinada-533003

2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

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

14P31A0320

G V VENKATA RAVI TEJA

14P31A0341

RANGANADHAM SRIDHAR

14P31A0356

ANKAM PRAVEEN SRINIVAS

14P31A0309

BOTTU SAI GOPI

14P31A0317

GEDELA NARAYANA RAO

In partial fulfillment of the requirement for the award of Bachelor of Technology in Mmechanical Engineering, during the academic year 2017-2018. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.

**Project Guide**

Mr. T.S.S. BHASKARA RAO

Assistant Professor

Dept. of Mechanical Engineering

Aditya College of Engg. & Tech.

**Head of the Department**

**Dr. T SRIHARI**

Professor

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**External Examiner**

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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Investigation of Pollution Characteristics When Methonal is Blended with Gasoline on 2 stroke and 4 stroke engine**” is being submitted by

15P35A0307

14P31A0329

14P31A0335

14P31A0330

14P31A0353

14P31A0328

KUNDRAPU SIMHADRI

KONDAMURI MANIKANTA

MUMMIDI VENKATA PRASAD

KOTA SURESH MANIKANTA

YADLA SIVA RAMA KRISHNA

KONA KRISHNAM RAJU

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#### Project Guide

Mr. J RAJASEKHAR

Assistant Professor

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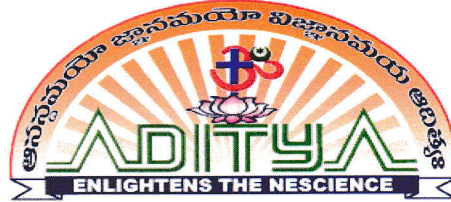
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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

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

14P31A0306

APPANA SIVA KRISHNA

14P31A0311

B N S SAI SRINIVAS YADAV

14P31A0346

SINGAMPALLI LOKESH

14P31A0337

NAKKINA ESWARA SAI VASANTH

14P31A0310

BULUSU KAMESWARA SARMA

14P31A0354

AKULA MAHESH

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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING




### CERTIFICATE

This is to certify that the project entitled “**Analysis and Fabrication of Foldable Hybrid Bicycle**” is being submitted by


14P31A0358	ASHISH PANDEY
14P31A0357	ANUP KUMAR SHRIVASTAVA
14P31A0305	ANMOL ADHIKARI
14P31A0307	AVINASH KUMAR THAKUR
14P31A0348	SONU GUPTA
14P31A0345	SANJEEV KUMAR PANDEY

In partial fulfillment of the requirement for the award of Bachelor of Technology in Mechanical Engineering, during the academic year 2017-2018. 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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Assistant Professor  
Dept. of Mechanical Engineering  
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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “Go-Kart” is being submitted by

14P31A0314	D VENKATA SAI RAMA RAJU
14P31A0359	B VEERA NAGARJUN KUMAR
14P31A0351	V V V MANIKANTA SAI CHARAN
15P35A0305	JATLA SYAM KUMAR
14P31A0360	CHINTAKAYALA BOLONATH
14P31A0339	PALINKI SURYA PRAKASH


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#### Project Guide

Mr. B. SAROJ BABU  
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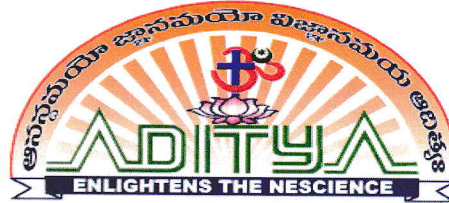
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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Fabrication of Turbocharger for Two wheeler**” is being submitted by

14P31A0324

K M NAGA DURGA PRASAD

14P31A0316

GADI VENKATESH

14P31A0318

G SURESH SHIVA PRASAD

14P31A0336

NAKKA SALMAN RAJU

14P31A0302

A S JAGAN VARMA

14P31A0321

K V L N SAI KUMAR

In partial fulfillment of the requirement for the award of Bachelor of Technology in Mmechanical Engineering, during the academic year 2017-2018. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.

#### Project Guide

*S. Ramesh*

Mr. S. RAMESH

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*T. Srihari*

Head of the Department

Dr. T SRIHARI

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*[Signature]*

External Examiner

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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Three Wheeled Segway**” is being submitted by

15P35A0301  
14P31A0342  
15P35A0304  
14P31A0312  
14P31A0332

C V VENKATAKRISHNA REDDY  
REPAKA RAJESH  
G SURYA KUMARA SWAMY  
CHEDURI YUVA LAKSHMAN  
LAVETI SATISH CHANDRA


In partial fulfillment of the requirement for the award of Bachelor of Technology in Mmechanical Engineering, during the academic year 2017-2018. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.

#### Project Guide

Mr. A SRIDHAR REDDY  
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**Head of the Department**

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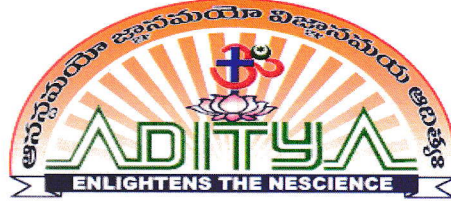
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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Static Analysis on a Mono Leaf Spring with Different Composite Materials**” is being submitted by

15P35A0306

K P VAMSI KIRAN REDDY

15P35A0303

GOLLAPALLI MANIKANTA

14P31A0338

PABBINEEDI SRIDHAR

14P31A0326

KATTIRISETTI PRUDHVI

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**Project Guide**

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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Gesture Controlled Wheel Chair for Specially Abled**” is being submitted by

14P31A0347

SIRIGINEEDI JEEVAN

14P31A0301

ABHINAY VUPPALA

14P31A0327

KOLLI SAI SRIDHAR

14P31A0355

ALLAM PAPARAO

14P31A0343

S G G RAVISEKHARREDDY

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**Project Guide**

Mr. P. JAISHAN

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**Head of the Department**

**Dr. T. SRIHARI**

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**External Examiner**

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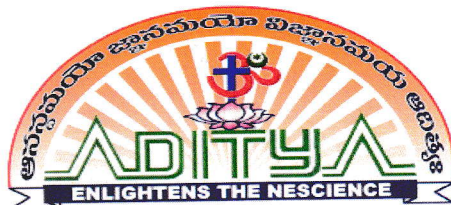
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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Design And Fabrication of Hybrid Power Street Light**” is being submitted by

15P35A0302

14P31A0304

14P31A0344

14P31A0323

14P31A0352

G JAGADISH KUMAR

AKKINA VARA PRASAD

SADANALA MOHAN KUMAR

SANTHOSH DULAM

VOLETI RAMU


In partial fulfillment of the requirement for the award of Bachelor of Technology in Mechanical Engineering, during the academic year 2017-2018. The results embodied in this report have not been submitted to any other institute or university for the award of any degree.

  
**Project Guide**

Dr. T. SRIHARI  
Professor  
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**Head of the Department**

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Aditya College of Engg. & Tech.

  
**External Examiner**



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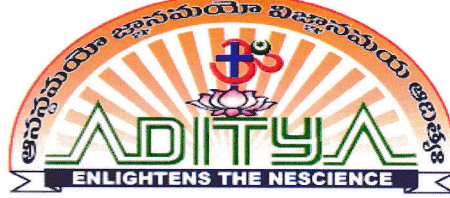
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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “Go-Kart” is being submitted by

14P31A0319	GONELA NAVEEN KUMAR
14P31A0333	MALLIPEDDI GOPI CHANDU
14P31A0331	K B CHANDRA SEKHAR REDDY
14P31A0303	ADITYA SWAROOP
14P31A0349	TAMBABATTULA RAVI TEJA
14P31A0315	DURGA VAMSEE KRISHNA
14P31A0340	RAJAPUDI SRINIVAS


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**Project Guide**

Mr. E. RAGAVENDRA YADAV  
Assistant Professor  
Dept. of Mechanical Engineering  
Aditya College of Engg. & Tech.

  
**Head of the Department**

Dr. T SRIHARI  
Professor  
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Aditya College of Engg. & Tech.

  
**External Examiner**

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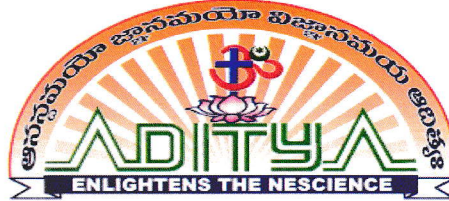
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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Design and Favrication of Handicapped Steering Propulsion Tri-Cycle**” is being submitted by

14P31A03A0

T RADHA KISHORE

14P31A0384

P NAGENDRA KUMAR

14P31A03A4

Y SAI ANUDEEP

14P31A0363

G S V MANOJ

14P31A0367

G P R PRAMOD

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**Project Guide**

*V. Hemanth*

Mr. V HEMANTH KUMAR

Assistant Professor

Dept. of Mechanical Engineering

Aditya College of Engg. & Tech.

*T. Srihar*  
**Head of the Department**

**Dr. T SRIHARI**

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*H. Bhanu*

**External Examiner**

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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Design and Fabrication of Hybrid Power Street Light**” is being submitted by

14P31A0399

T S D N V V HARI PRASAD

15P35A0314

Y BHANU PRAKASH

15P35A0372

K MAHESH

14P31A0383

N SWAROOP

14P31A0366

G SUDHIR


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**Project Guide**

Dr. T SRIHARI  
Professor  
Dept. of Mechanical Engineering  
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**Head of the Department**

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Aditya College of Engg. & Tech.

  
**External Examiner**



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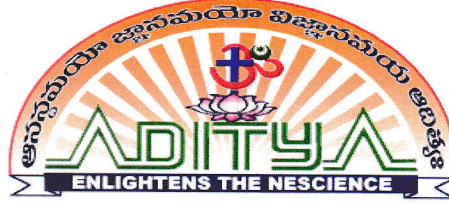
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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “Automatic Floor Cleaning Machine” is being submitted by

15P35A0312

T DURGA PRASAD

15P35A0311

R SWAMY

14P31A0394

R TARAKA RAMU

14P31A0369

N YATISH BABU

14P31A03B1

A SRINIVAS

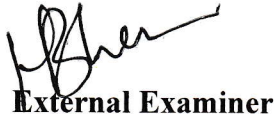
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Assistant Professor  
Dept. of Mechanical Engineering  
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**Head of the Department**

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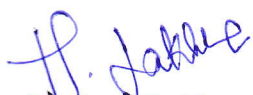


### CERTIFICATE

This is to certify that the project entitled “**Remote Controlled Mobile Robotic Arm Using Aurdino and Mecanum Wheels**” is being submitted by

14P31A0375	M SHEKAR
14P31A0365	G KRISHNARJUN
14P31A0382	M MANIKUMAR
14P31A0380	MOGALAPU SANDEEP
14P31A03B6	M R VEERANJANEYULU


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**Project Guide**

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Assistant Professor  
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**Head of the Department**

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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled **“Fabrication of 3D Printer and Optimization on its Parameters”** is being submitted by

14P31A03B9

G RAVEENDRA

14P31A03A1

T ANIL KUMAR

14P31A03A9

M SAI BABU

14P31A0393

S ANJANEYULU

14P31A0390

R SURYA SAI

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Ms. R S MJYOTHI

Assistant Professor

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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Design and Fabrication Topiaco/Cassava Plant Harvest**” is being submitted by

14P31A0391

REDDY VARDHAN

14P31A03A5

Y ANVESH

14P31A0361

D SATYA PRAVEEN

14P31A0387

P SRI RAM

14P31A0395

S BADRINATH

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**Project Guide**

Mr. M RAMBABU

Assistant Professor

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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Material Optimization and Thermal Analysis of Rocket Nozzle**” is being submitted by

14P31A0398	S S S CHANDRA SEKHAR
14P31A0374	K VEERA MANIKANTA
14P31A0373	K S S NARAYANA
14P31A0376	M HARISH
14P31A0392	R KRISHNA KALYAN
14P31A03A2	T PRASHANTH MURTHY


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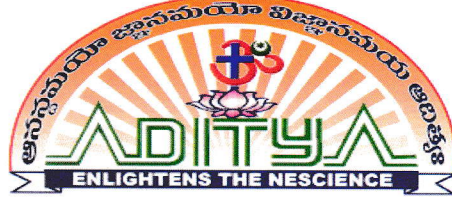
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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Fabrication and Analysis of Foldable Hybrid Bicycle**” is being submitted by

14P31A0377

MANZAR HASSAN

14P31A0381

MRIDUL KARMAKAR

14P31A0389

RAJ KUMAR

14P31A03A7

ABHISHEK KUMAR

In partial fulfillment of the requirement for the award of Bachelor of Technology in Mechanical Engineering, during the academic year 2017-2018. 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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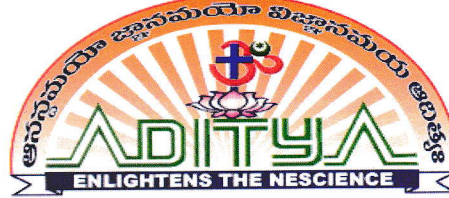
**External Examiner**



# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

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Aditya Nagar, ADB Road, Surampalem. Kakinada-533003  
2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

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

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15P35A0308	M SAI SURYA
14P35A0385	P AKHIL
14P35A03B7	B CHAKRADHAR
15P35A0310	P RASAGNA
14P35A0370	K SAMUEL SACHIN


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2017-18

## DEPARTMENT OF MECHANICAL ENGINEERING




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This is to certify that the project entitled “**Experimental and Theoretical Investigation of an IC engine Operating in dual Fuel Mode**” is being submitted by

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14P31A03A8	AMAL ANTO
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15P35A0313	T N V DURGA PRASAD
14P31A0386	P SRAVAN KUMAR
14P31A0371	K VIJAY BHASKAR

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# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

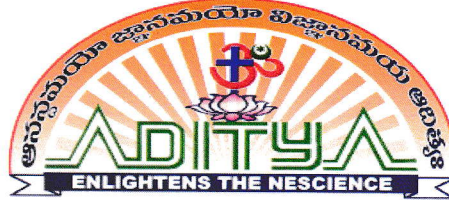
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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the project entitled “**Transverse Vibrational Analysis of a Simply Supported Beam**” is being submitted by

14P31A03B4	Mr.B AVINASH
14P31A0364	G NAGENDRA
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14P31A0397	P DINESH RAJU
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