



# ADITYA ENGINEERING COLLEGE

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## 1.3.4 Students sample certificate of Socially Relevant Projects

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Aditya Nagar, ADB Road, Surampalem-533437

DEPARTMENT OF CIVIL ENGINEERING




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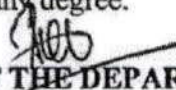
This is to certify that the Socially Relevant Project Report entitled "ISSUE OF RURAL WATER SUPPLY AND ITS CONTAMINATION (GROUND WATER)" is being submitted by

**D.AJAY**  
**19A91A0109**

In partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Department of Civil Engineering from Aditya Engineering College, Surampalem is a record of bonafide work carried out by them at Aditya Engineering College.

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Project Guide  
**Rekha Korimi**  
Assistant Prof

  
HEAD OF THE DEPARTMENT  
**P. RAVI KISHORE**  
Head of the Department  
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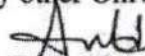
This is to certify that the Socially Relevant Project Report entitled "WATERSHED MANAGEMENT" is being submitted by

**J. KARTHIK**

**19A91A0120**

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Project Guide


**DR.S.ANANDHA KUMAR, PhD**

Professor

  
**HEAD OF THE DEPARTMENT**

**P. RAVI KISHORE**

**Head of the Department**  
**Dept. of Civil Engineering**  
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DEPARTMENT OF CIVIL ENGINEERING




## CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "RAIN WATER HARVESTING USING Internet of Things" is being submitted by

**K. MANOHAR**  
**19A91A0123**

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Sumith Kumar Erukulla

Assistant Prof

  
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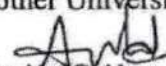
### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "DRAINAGE BLOCKING IN RURAL AND URBAN AREAS" is being submitted by

**K.V.Sudheer Kumar Reddy**  
19A91A0124

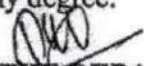
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DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "MODERN AGRICULTURE" is being submitted by

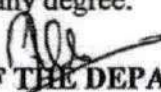
**G.Sai Manik**  
19A91A0114

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Project Guide

Neerasa Anil Kumar  
Assistant Prof

  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "DRONE TECHNOLOGY" is being submitted by


**ADABALA SIVA NOOKA PRASAD**

**19A91A0201**

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Coordinator

  
Mr. Ch. Amarendra  
M.Tech., (Ph.D.)  
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HEAD OF THE DEPARTMENT

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**ADNAN MUHAMMED YOONUS**

**19A91A0202**

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "SMART IRRIGATION SYSTEM" is being submitted by


**AKULA MADHUBABU**

**19A91A0203**


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**AKULA VISHNU VARDHAN**

**19A91A0204**

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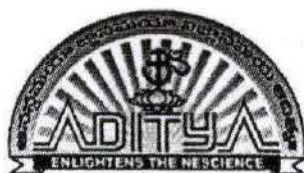
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "REALTIME WEATHER BASED SMART SPRINKLER SYSTEM FOR AGRICULTURE" is being submitted by

**ASAPU SUJITHA**

**19A91A0205**

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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Motorized Spring Assist Mashing Machine" is being submitted by

ADAPA VEERA VENKATA SATYA SRINIVAS

19A91A0301

RUDRA K

19A91A0341

KANAKAM MAHESH KUMAR

19A91A0378

ATHI UMA MAHESWARA RAO

20A95A0302

NALLA SATISH

20A95A0338

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Coordinator

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### DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Reciprocating Motion using Inclined Disc Mechanism" is being submitted by

ANUPOJU SAITATHA CHARYULU	19A91A0302
SAIDU ARAVIND KUMAR	19A91A0342
KOMMU RAJ KUMAR	19A91A0379
ATTI SAI VARMA	20A95A0303
NARSE VAMSI	20A95A0339

In partial fulfillment of the requirements for the award of degree of **Bachelor of Technology** in **Mechanical Engineering** from **Aditya Engineering College, Surampalem** is a record of bonafide work carried out by them at Aditya Engineering College.

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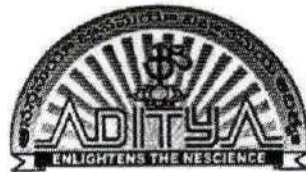
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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Inclined Cam Mechanism" is being submitted by

**BAVIRISETTY MANOJ KUMAR**

**19A91A0303**

**SANIPINI KIRAN**

**19A91A0343**

**KONDRU NAGA SANDEEP**

**19A91A0380**

**BAGADI TEJESWARA RAO**

**20A95A0304**

**PAILA HEMANTH**

**20A95A0340**

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DEPARTMENT OF MECHANICAL ENGINEERING



## CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Automatic Flipping Plate Mechanism" is being submitted by

BODABALLA VINAY DATTA	19A91A0304
SIRIGINEEDI SRI HARSHITHA VYSHNAVI	19A91A0345
KOPPANA NAGA LAKSHMANA MANIKANTA SWAMY	19A91A0381
BATTU PRAKASH	20A95A0305
PANTAGOLUSULA NAGA DURGA	20A95A0341

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## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Convex Surface Milling Machine" is being submitted by

<b>BURADAKAVI SATYA SIVA GANESH</b>	<b>19A91A0306</b>
<b>SUNKARA NAGASAI</b>	<b>19A91A0346</b>
<b>KOSINA PRASANNA KUMAR</b>	<b>19A91A0382</b>
<b>BODA VENKATA NAGA MANIKANTA</b>	<b>20A95A0306</b>
<b>PEDDIREDDI VEERA RAGHAVA</b>	<b>20A95A0342</b>

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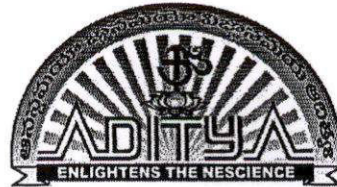
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Domestic Gas Leakage Detection" is being submitted by

Thota Sravani	19A91A0455
Ulavakayala Sai Teja	19A91A04C0
Siddireddy Amrutha	19A91A04B4
Yamasani Nivesh	19A91A04C6

in partial fulfillment of the requirements for the award of degree of **Bachelor of Technology** in **Electronics and Communication Engineering** from **Aditya Engineering College, Surampalem** is a record of bonafide work carried out by them at Aditya Engineering College.

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**Coordinator**

**Mr. B. Usandra Babu**

**Assistant Professor**

**HEAD OF THE DEPARTMENT**

**Dr. G. Sridevi**

**HOD & Professor**

**Head of the Department**

**Department of E.C.E.**

**Aditya Engineering College (A9)**

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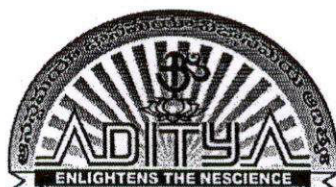
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



## CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Soil Health Monitoring System" is being submitted by

Bosukonda Krishna Sowjanya	19A91A0407
Ganthimari Jyoshna	19A91A0411
Ramisetti Mohan Veera Venkat	19A91A04A9
Venna Satyanarayana	19A91A0462

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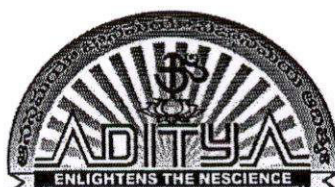


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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Reduction of Air Pollution Using Water Sprinkler Method" is being submitted by

Allanki Sarada Devi	19A91A0404
Vadapalli Sai Surya Harshitha	19A91A0459
Kommireddy Nojitha	19A91A0421
Chinthalapati Durga Prasad	19A91A0473

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Aditya Nagar, ADB Road, Surampalem-533437

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Analysing The Impact of Pesticides Residues in Fruits & Vegetables" is being submitted by

P Chandana Swarna Bala Madhuri	19A91A0434
Repaka Suresh	19A91A0442
Nerella Venkata Raghu Sairam	19A91A0432
Pati Naveen	19A91A04A3

in partial fulfillment of the requirements for the award of degree of **Bachelor of Technology** in **Electronics and Communication Engineering** from **Aditya Engineering College, Surampalem** is a record of bonafide work carried out by them at Aditya Engineering College.

The results embodied in this Socially Relevant Project report have not been submitted to any other University or Institute for the award of any degree.

Coordinator

Mr. B. Usandra Babu

Assistant Professor

PRINCIPAL

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HEAD OF THE DEPARTMENT

Dr. G. Sridevi

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Aditya Nagar, ADB Road, Surampalem-533437

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Drinking Water Purifier for Rural Areas" is being submitted by

Velagala Sailaja	19A91A0461
Sravan Narasimha Nathi	19A91A0451
Rapeti Vamsi	19A91A04B0

in partial fulfillment of the requirements for the award of degree of **Bachelor of Technology** in **Electronics and Communication Engineering** from **Aditya Engineering College, Surampalem** is a record of bonafide work carried out by them at Aditya Engineering College.

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## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



### **CERTIFICATE**

This is to certify that the project report entitled "VILLAGE OF PROBLEMS" is being submitted by

**CHAVALAM KANOJ KUMAR**

**19A91A0506**

in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Computer Science and Engineering from Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them at Aditya Engineering College.

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**Coordinator**

**T. Sudha Rani**

  
*Head of the Department*  
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that the project report entitled "IOT BASED SMART VEHICLE AND ACCIDENT PREVENTION SYSTEM" is being submitted by

**BIDAWAT TARAJIT SINGH**

**19A91A0505**

in partial fulfillment of the requirements for the award of degree of **Bachelor of Technology in Computer Science and Engineering** from **Jawaharlal Nehru Technological University Kakinada** is a record of bonafide work carried out by them at **Aditya Engineering College**.

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that the project report entitled "Low Cost Mechanical Ventilator" is being submitted by

**BARRI SANDHYA**

**19A91A0503**

in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Computer Science and Engineering from Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them at Aditya Engineering College.

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**CERTIFICATE**

This is to certify that the project report entitled "Sun Tracking Solar Panel" is being submitted by

**BANDARU YASWANTH**

**19A91A0502**

in partial fulfillment of the requirements for the award of degree of **Bachelor of Technology in Computer Science and Engineering** from **Jawaharlal Nehru Technological University Kakinada** is a record of bonafide work carried out by them at **Aditya Engineering College**.

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that the project report entitled "Covid Protocol Checker" is being submitted by

**G.shivani**

**19A91A0511**

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### **DEPARTMENT OF INFORMATION TECHNOLOGY**



### **CERTIFICATE**

This is to certify that the Socially Relevant Project Report entitled "Student Career And Personality Prediction Android Application" is being submitted by

**AKELLA SAI LAKSHMI SRAVANI**

**19A91A1201**

In partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Department of Information Technology from Aditya Engineering College, Surampalem is a record of bonafide work carried out by them at Aditya Engineering College.

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**COORDINATOR**

  
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**M.Tech**

**Assistant Professor**

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**M.Tech., (Ph.D.)**

**Associate Professor & HOD**

  
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### **DEPARTMENT OF INFORMATION TECHNOLOGY**



### **CERTIFICATE**

This is to certify that the Socially Relevant Project Report entitled "Online Shopping Android Application" is being submitted by

**AKULA KALYANI**

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This is to certify that the Socially Relevant Project Report entitled "Android Based Complaint Management System" is being submitted by

**ANANTHA LAKSHMI ADDURI**

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**APPALABHAKTULA VAISHNAVI**

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### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Android Password Based Remote Door Opener System Project" is being submitted by

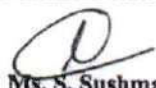
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**19A91A1205**

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DEPARTMENT OF PETROLEUM TECHNOLOGY



## CERTIFICATE

This is to certify that the thesis entitled "A STUDY ON TRADITIONAL HEALTH CARE METHODS" is being submitted by

19A91A2731	NAVNEET KUMAR
19A91A2725	MALLAMPALLI JAYANTH PHANI KUMAR
19A91A2735	RAJANA TEJA
19A91A2701	AASISH KUMAR DONTHEMSETTY

In partial fulfillment of the requirements for the award of degree of B. Tech in petroleum Technology from Aditya Engineering College, Surampalem is a record of bonafide work carried out by them at Aditya Engineering College. The results embodied in this Project report have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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Dr. R.Giri Prasad  
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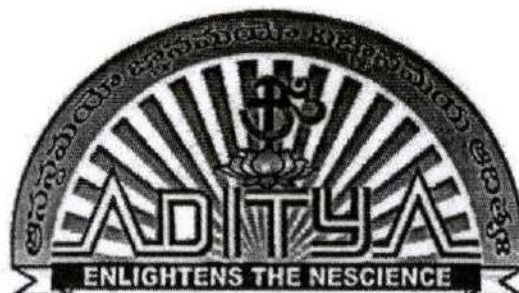
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## DEPARTMENT OF PETROLEUM TECHNOLOGY



### CERTIFICATE

This is to certify that the thesis entitled "A STUDY ON TRADITIONAL HEALTH CARE METHODS" is being submitted by

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19A91A2736	SWAMIREDDY SRINIVAS
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## DEPARTMENT OF PETROLEUM TECHNOLOGY



### CERTIFICATE

This is to certify that the thesis entitled "A STUDY ON CYBER CRIMES" is being submitted by

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GOKUL KRISHNAN  
JAGATH J  
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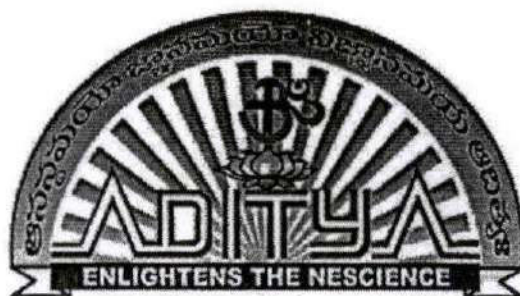
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## DEPARTMENT OF PETROLEUM TECHNOLOGY



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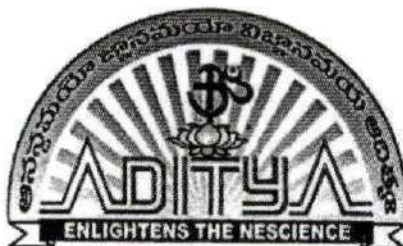
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### DEPARTMENT OF MINING ENGINEERING



### Certificate

This is to certify that the project report entitled "LPG LEAKAGE DETECTOR" being submitted by


**BHARAT KUMAR MAHATO**

**19A91A2603**

For the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Department of Mining Engineering of Aditya Engineering College to Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under the guidance and supervision during Academic Year of 2021-22,

  
Coordinator

**Mr. John Williams**  
Asst. Professor, Min. E.

  
Head of the Department

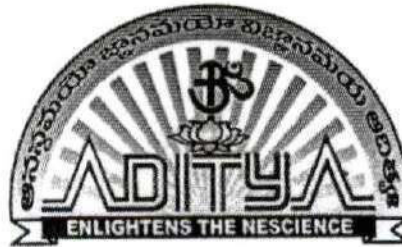
**Satyajeet Parida**  
**Head of the Department**  
**DEPARTMENT OF MINING ENGINEERING**  
**ADITYA ENGINEERING COLLEGE**

  
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**SURAMPALAM - 533 437**

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### DEPARTMENT OF MINING ENGINEERING



### Certificate

This is to certify that the project report entitled “PROBLEMS FACED IN AGRICULTURE” being submitted by

BOLLIGARLA TRISHA

19A91A2605

For the partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in Department of Mining Engineering of Aditya Engineering College to Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under the guidance and supervision during Academic Year of 2021-22,

Mr. John Williams  
Asst. Professor, Min. E.

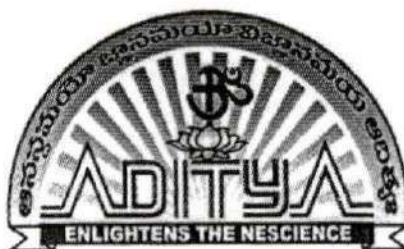
Satyajeet Parida  
**Head of the Department**  
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### DEPARTMENT OF MINING ENGINEERING



### Certificate

This is to certify that the project report entitled "DEFORESTATION" being submitted by

**CHINTAMREDDY DEVI PRATHAP REDDY**

**19A91A2606**

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Coordinator

**Mr. John Williams**  
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Head of the Department

**Satyaajeet Parida**

**Head of the Department**  
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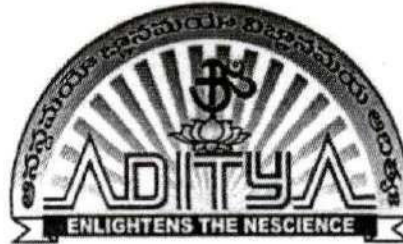
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This is to certify that the project report entitled "DEFORESTATION" being submitted by

KOLLA SAKETH

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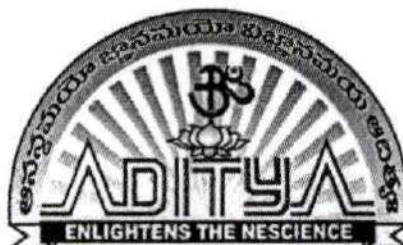
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SURAMPALAM - 533 437

## ADITYA ENGINEERING COLLEGE (A)

(Approved by AICTE Permanently Affiliated to JNTUK & Accredited by NAAC with 'A' Grade, Recognized by UGC under the sections 2(f) and 12(B) of the UGC act 1956) Aditya Nagar ADB Road Surampalem – 533 437

### DEPARTMENT OF MINING ENGINEERING



### Certificate

This is to certify that the project report entitled "AIR POLLUTION" being submitted by


ANIKET MAHATO

19A91A2602

For the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Department of Mining Engineering of Aditya Engineering College to Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under the guidance and supervision during Academic Year of 2021-22,

  
Coordinator

Mr. John Williams  
Asst. Professor, Min. E

  
Head of the Department

Satyajeet Parida  
Head of the Department  
DEPARTMENT OF MINING ENGINEERING  
ADITYA ENGINEERING COLLEGE (A9;

  
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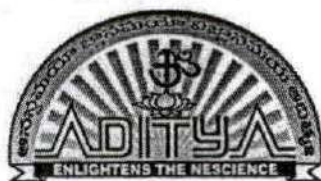
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## DEPARTMENT OF AGRICULTURAL ENGINEERING



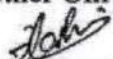
### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Soil monitoring devices" is being submitted by

KUNITHI NEERAJA	19A91A3523
ANKUSH BANDRAL	19A91A3502
GOWDU SUDHARANI	19A91A3514
VARDHU HARI CHANDANA	19A91A3548
JAHNAVI	

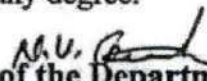
In partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Agricultural Engineering from Aditya Engineering College, Surampalem is a record of bonafide work carried out by them at Aditya Engineering College.

The results embodied in this Socially Relevant Project report have not been submitted to any other University or Institute for the award of any degree.

  
Coordinator

Er. S. Jhansi Lakshmi

Asst. Professor

  
Head of the Department

Dr. N.V. Gowtham Deekshithulu

Asst. Professor & HOD

Head of the Department  
Department of Agricultural Engineering  
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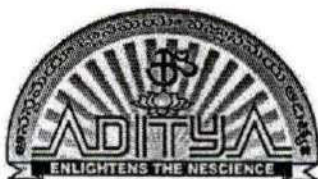
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## DEPARTMENT OF AGRICULTURAL ENGINEERING



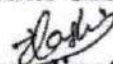
### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "SMART AGRICULTURE - PEST MANAGEMENT & MONITORING" is being submitted by

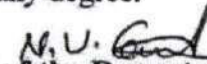
SAIKAT SANTRA	19A91A3537
GEESALA NAGALAKSHMI	19A91A3512
GARAGA VAMSI KALYAN	19A91A3511
ELSA THOMAS	19A91A3508

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Coordinator

Er. S. Jhansi Lakshmi  
Asst. Professor

  
Head of the Department

Dr. N.V. Gowtham Deekshithulu  
Asst. Professor & HOD  
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## DEPARTMENT OF AGRICULTURAL ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "SMART CROP PROTECTION" is being submitted by

<b>DASARI VIDYA</b>	<b>20A95A3507</b>
<b>SASABELLA SAI RAMA</b>	<b>19A91A3536</b>
<b>NARAYANA REDDY</b>	
<b>EARLANKI HEMANTH</b>	<b>19A91A3507</b>
<b>SUSOVAN DE</b>	<b>19A91A3542</b>

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Coordinator

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**Asst. Professor**

  
Head of the Department

**Dr. N.V. Gowtham Deekshithulu**

**Asst. Professor & HOD**

Head of the Department  
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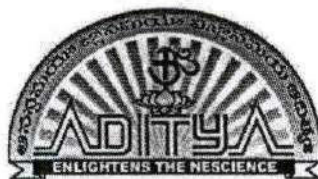
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## DEPARTMENT OF AGRICULTURAL ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "SMART IRRIGATION SYSTEM USING IOT" is being submitted by


KUNDRAPU DURGA DINESH	19A91A3522
MAGHAM NAVEEN KUMAR	19A91A3525
PENUMALLU SURENDAR REDDY	19A91A3531
PUTSALA NAGA VIKAS	20A95A3511

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Head of the Department

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## DEPARTMENT OF AGRICULTURAL ENGINEERING



### CERTIFICATE

This is to certify that the Socially Relevant Project Report entitled "Study on Precision Agriculture" is being submitted by

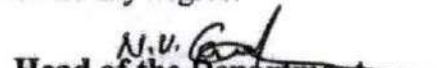
<b>YEDLA GOWRI</b>	<b>20A95A3506</b>
<b>MANDAVA LAKSHMAN SAI</b>	<b>20A95A3520</b>
<b>MATTURTHI PRAMEELA RAMYA</b>	<b>20A95A3521</b>
<b>SOMELI SANJEEVA RAO</b>	<b>20A95A3522</b>

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