INNOVATIVE METHOD OF WASTE TREATMENT

A Social relevantProject Report submitted in partial fulfillment of the requirements for the award of the Degree

of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

A. BARGAVA SAI KRISHNA

20U45A0101

G. GANESH

20U45A0106

K. LAKSHMAN RAO

20U45A0109

K. SHANKAR RAO

20U45A0110

Under the Esteemed Guidance of

Mrs. M.Kedhareswari, M.Tech

Assistant Professor, Department of Civil Engineering



DADI INSTITUTE OF ENGINEERING &TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle = 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CERTIFICATE

This is to certify that the Project work entitled "INNOVATIVE METHOD OF WASTE TREATMENT" is a being submitted by A. BARGAVA SAI KRISHNA (20U45A0101), G. GANESH (20U45A0106), K. LAKSHMAN RAO (20U45A0109), and K. SHANKAR RAO (20U45A0110) is partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2021-22.

Mrs.M.Kedhareswari

(Assistant Professor)

(PROJECT GUIDE)

Er. N. Ramu

Assistant Professor)

(HEAD OF THE THENT)

A SOCIALLY RELAVENT PROJECT(SRP) ON SAFE GUIDELINES FOR NATIONAL HIGHWAY BY SELF CLEANING ROADS BY GRAVITATIONAL METHOD

A Social Revelent Project Report submitted in partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

A. GANESH

20U45A0102

B. SRAVANI

20U45A0103

S. BALA RAJU

20U45A0121

Under the Esteemed Guidance of

Mr. K.APPALA NAIDU, M.Tech

Assistant Professor, Department of Civil Engineering



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CERTIFICATE

This is to certify that the Project work entitled "SAFE GUIDELINES FOR NATIONAL HIGHWAY BY SELF CLEANING ROADS BY GRAVITATIONAL METHOD" is a being submitted by A. GANESH (20U45A0102),B. SRAVANI(20U45A0103), S. BALARAJU(20U45A0121) In partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2021-22.

Mr K APPALA NAIDU

(Assistant Professor)

(PROJECT GUIDE)

(Assistant Professor)

(HEAD OF THE DEPARTMENT)

A SOCIALLY RELAVANT PROJECT ON RAIN WATER HARVESTING APPROACHES ON NATIONAL HIGHWAY

A socially relavant project report submitted in partial fulfillment of the requirements for the award of the Degree of BACHELOR OF TECHNOLOGY IN

CIVIL ENGINEERING

Submitted by

K.YUVARAJU		19U41A0102
B.VASANTHI		20U45A0104
D.LALITHA		20U45A0105
L.DORABABU)	20U45A0113

Under the Esteemed Guidance of

Mrs. K. Manoharini

Assistant professor, Department of civil Engineering



DADI INSTITUTE OF ENGINEERING &TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CERTIFICATE

This is to certify that the project work entitled "RAIN WATER HARVESTING APPROACH ON NATIONAL HIGHWAY" is an authentic work submitted by K.YUVARAJU (19U41A0102) In partial fulfilment of the requirement for the award of the degree of bachelor of technology in civil engineering from diet college of engineering during the academic year 2021-2022

Mrs. k. Manoharini

(ASSISTANT PROFESSOR)

(PROJECT GUIDE)

(ASSISTANT PROFESSOR)

(HEAD OF THE DEPARTMENT)

IOT BASED SMART MONITORING OF CROPS

A Socially Relevant Project Report submitted in partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

S.JYOTSHNA 19U41A0103
G. SRAVANI JYOTHI 20U45A0107
M. LOVA PRASAD 20U45A0114
P. CHANDRA KIRAN 20U45A0118

uild New Won

Under the Esteemed Guidance of

Mrs. B. RAMYA, M.E

Asst.Professor, Department of CIVIL

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY

Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

C Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CERTIFICATE

This is to certify that the Project work entitled "IOT BASED SMART MONITORING OF CROPS" is being submitted by S. JYOTSHNA (19U41A0103), G. SRAVANI JYOTHI (20U45A0107), M. LOVA PRASAD (20U45A0114), P. CHANDRA KIRAN (20U45A0118) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2021-22.

Mrs. B. RAMYA

Mr. N. RAMU

(Asst.professor)

(Asst.professor)

(Project guide)

(Head of the Department)

EXTERNAL EXAMINER

DECLARATION

ROLLING BARRIER SYSTEM

A Social Relevant Project Report submitted in partial fulfilment of the requirements for the award of the Degree

of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING ENGINEERING

Submitted by

K.DEVI 20U45A0108 L.SRIDIVYA 20U45A0112 P.ESWAR SAI 20U45A0117 U.VINAY 20U45A0122

Under the Esteemed Guidance of

P.LAVANYA, M-Tech

Asst.Professor, Department of CIVIL



DADI INSTITUTE OF ENGINEERING &TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of

UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

i.

CERTIFICATE

This is to certify that the Project work entitled "ROLLING BARRIER SYSTEM" is a being submitted by K.DEVI (20U45A0108), L.SRI DIVYA (20U45A0112), P.ESWAR SAI (20U45A0117), U.VINAY (20U45A0122) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2021-22.

Mrs.P.LAVANYA, M-Tech

Asst.PROFESSOR (PROJECT GUIDE) Er.N.RAMU, M-Tech

Asst.PROFESSOR (HEAD OF THE DEPARTMENT)

INNOVATIVE APPROACH FOR OPTIMISING TIME STRUCK IN
TRAFFIC FOR EMERGENCY VEHICLES USING SMART SENSORS
A Socially Relevant Project Report submitted in partial
fulfilment of the requirements for the award of the
Degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

K,ANJALI P,VINITHA DEVI

V.BHARGAV

19U41A0101

20U45A0116

20U45A0123

Under the Esteemed Guidance of Mr. Hemanth Kumar Yerrabolu M.Tech(Structures), AMIE, PGDES, PGDDZ, (PhD) Assistant Professor DEPARTMENT of CIVIL



DADI INSTITUTE OF ENGINEERING &TECHNOLOGY



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.NH-16,

Anakapalle – 531002, Visakhapatnam, A.P.



(Approved by A.I.C:T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) & 12(B) of UGC

Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CERTIFICATE

This is to certify that the Project work entitled "Innovative Approach For Optimising Time Struck In Trafic For Emergency Vehicles Using smart Sensors" is a being submitted by K.ANJALI (19U41A0101), P.VINITHA DEVI (20U45A0116), V.BHARGAV (20U45A0123), in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2022-2023.

(Head

Mr.Hemanth Kumar Yerrabolu

(Assistant professor)

(Project Guide)

(Assistant Professor)

HEED OF TOP STORE THE

FOOTBOARD TRAVELING IN PUBLIC TRANSPORTATION

A Socially Relevant Project Report submitted in partial fulfilment of the requirements for the award of the Degree

BACHELOR OF TECHNOLOGY CIVIL ENGINEERING

Submitted by

K.VARALAKSHMI	20U45A0111
M.KUSUMA	20U45A0115
P.VARAHA GANESH	20U45A0119
S.VENKATESH.	20U45A0120

Under the Esteemed Guidance of

S.NAVEEN KUMAR

Asst.Professor, Department of Civil



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi &Affiliated to JNTU, Kakinada)

NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2020

Applying said device obtained further device for automatic passenger counting and device for automatically opening and closing of vehicle

<u>Doors", European Patent, Application number – EP</u> 0077100 A1.

[5] S. Rohit, Shriram K.Vasudevan, S. Lokesh, K. Ajeeth,
Vineet Nair, "An Intelligent and Cost Effective
Footboard Accident Prevention

System", Information Technology Journal, Vol. 12, Issue 11, pp.2265-2268, 2013.

[6] R. Jayalakshmi and K. Haripriya, "Driver Assist

System (DAS) to Prevent Road Accidents", International

Journal on Recent and Innovation

Trends in Computing and Communication, Vol. 3, Issue 3, pp. 1613 – 1616, 2011.