ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

KAKINADA-533003

2013-17

Department of Computer Science Engineering

CERTIFICATE

This is to certify that the project work entitled "NOVEL TCP CONGESTION CONTROL", is a being submitted by ABHINANDAN SHARMA(13P31A0561), AMAR KUMAR(13P31A0564) submitted in fulfilment of the requirements for the award of Bachelor of Technology degree in Computer Science And Engineering, during the academic year 2013-2017.

The results embodied in this project report have not been submitted to any other institute or university for the award of any degree or diploma.

HEAD OF THE DEPARTMENT

Mr. M. ANIL KUMAR

Associate Professor,

Dept. of Computer Science And Engineering

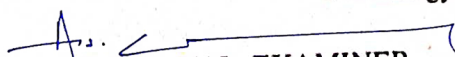Aditya College of Engineering

Technology

PROJECT SUPERVISOR

Miss B.Durga Anuja

Assistant Professor,

Dept. of Computer Science And Engineering
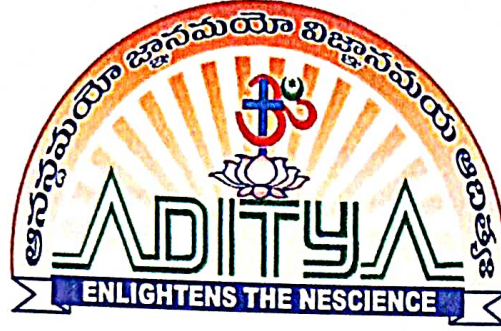
Aditya College of Engineering &

Technology

EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

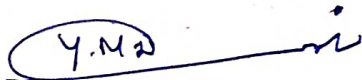## (Affiliated to JNTU Kakinada, Approved by AICTE, New Delhi)

Surampalem ,East Godavari District

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that the project work entitled "EMERGENCY AND JOURNEY ASSISTANCE SYSTEM" is a bonafide work carried out by G.ANILRAJU (13P31A0520), R.VENKATESH (13P31A0548), M.ANUSHA (13P31A0537), S.HARI VENKATESH (13P31A0551) in a partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering from Aditya College of Engineering and Technology during the academic year 2013-2017.

PROJECT GUIDE

HEAD OF THE DEPARTMENT

Mrs.Y.MANGA DEVI, M.Tech

Mr.M.ANIL KUMAR, M.Tech (Ph.D)

Assistant Professor

Associate professor

DEPT OF CSE

DEPT OF CSE

EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "PREDICTION AND VISUALIZATION ON ECONOMIC OUTLOOK OF AGRICULTURAL CROPS" is a bonafide work carried out by A. Sarvani (13P31A0563), P. Sai Swaroop (13P31A05A2), P. Chamundeswari (13P31A05A1) and V. Maniteja(13P31A05B3) partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering from Aditya College Of Engineering Technology during the academic year 2013-2017.

PROJECT GUIDE   HEAD OF THE DEPARTMENT

Mr. S.S.R.K.M. GUPTA, M.Tech, (M.Phil)   Mr. M.ANIL KUMAR, M.Tech,(Ph.D)

Assistant professor   Associate professor

EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

KAKINADA-533003

2013-17

Department of Computer Science And Engineering

CERTIFICATE

This is to certify that the project work entitled "**WEB SERVICE AND SEO**", is a being submitted by **RAJ KAMAL ANKIT(13P31A0546), AYUSH KUMAR(13P31A0508), DEEPAK KUMAR(13P31A0518), MOMANGSHU MAJUMDER(13P31A0538)** submitted in fulfilment of the requirements for the award of Bachelor of Technology degree in Computer Science Engineering, during the academic year 2013-2017.

The results embodied in this project report have not been submitted to any other institute or university for the award of any degree or diploma.

HEAD OF THE DEPARTMENT

Mr. M. ANIL KUMAR

Associate Professor,

Dept. of Computer Science And Engineering

Aditya College of Engineering

Technology

PROJECT SUPERVISOR

Mr. Ch. S.V.V.S.N. MURTHY

Associate Professor,

Dept. of Computer Science And Engineering

Aditya College of Engineering &

Technology

EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to JNTUK, Kakinada, Approved by AICTE New Delhi, Accredited by NAAC)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "CLASS MANAGEMENT SYSTEM" is a bonafide work carried out by CH. Madhavi (13P31A0572), B. Raghava Ratnam (13P31A0566), P. Ravindra (13P31A0598), P. Sai Lokesh(13P31A0597).In partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering from Aditya College of Engineering and Technology during the academic year 2013-2017.

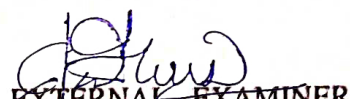**Project Supervisor**

Mrs Y. Manga Devi, M.Tech

Assistant Professor

Department of CSE

Head of the Department

Mr M. Anil Kumar, M.Tech (Ph.D)

Associate Professor

Department of CSE

EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Affiliated to JNTU ,Kakinada Approved by AICTE, New Delhi,

Accredited by NAAC)

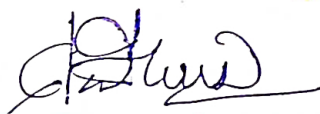Surampalem, A.D.B.Road, East Godavari District.

CERTIFICATE

This is to certify that main project work entitled "**VILLAGE COMMUNIC BUREAU**" is a bonafide work carried out by **M.l.V.Srivalli(13P31A0595), D.Swethadevi(13P31A0574), S.Devi(13P31A05A8), K.V.S.N.lakshmi (13P31A0582),** at the college for the award of Bachelor of Technology in Computer Science and Engineering during the academic year of 2013-2017.

PROJECT GUIDE

Ms.J.DIVYA LALITA SRI, M.Tech.
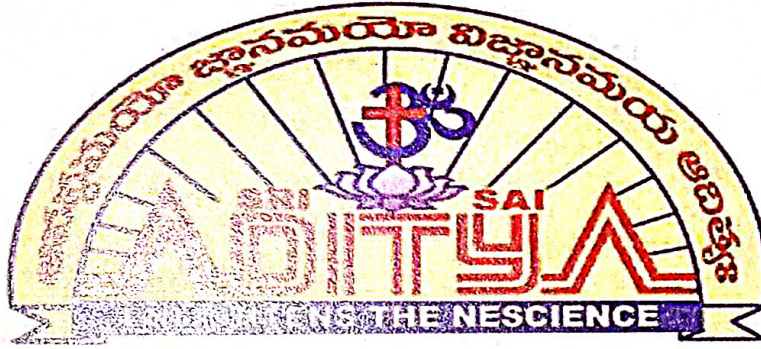
Assistant Professor

HEAD OF THE DEPARTMENT

Mr.ANIL KUMAR, M.Tech, (Ph.D)

Associate Professor

EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Affiliated to JNTU Kakinada, & Approved by AICTE, New Delhi)

Surampalem, A.D.B.ROAD, East Godavari District

CERTIFICATE

This is to certify that main project work entitled "FIND A DOCTOR" is a bonafide work carried out by **R.SRILAKSHMI (13P31A05A4), V.PAVANI (13P31A05B7), G.PRASANTH (13P31A0578), G.BHAGAVAN (13P31A0577)** at the college for the award of Bachelor of Technology in Computer Science and Engineering during the academic year of 2013-2017.

PROJECT SUPERVISOR

Mr.B.MANIKYALA RAO, M.Tech

Assistant Professor

HEAD OF THE DEPARTMENT

Mr.M.ANIL KUMAR,M.Tech(Ph.D)

Associate Professor

EXTERNAL EXAMINER

[ii]

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to JNTUK & Approved by AICTE, New Delhi)

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that the project work entitled "AUTOMATED GATE PERMIT" is being submitted by   T.Sneha (13P31A05B1) , T.Sarvani Devi (13P31A05A9), M.Sruthi (13P31A0594), B.Sandeep (13P31A0570) in partial fulfillment of the requirement for award of B.Tech degree in Computer Science and Engineering from Aditya College Of Engineering & Technology academic year 2013-2017.

PROJECT SUPERVISOR

Mr M. ANIL KUMAR M.Tech (PhD)

Associate Professor

Department of CSE

HEAD OF THE DEPARTMENT

Mr M. ANIL KUMAR M.Tech (PhD)

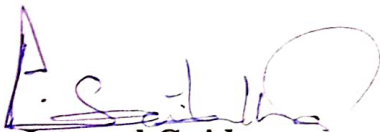**Associate Professor**

Department of CSE

EXTERNAL EXAMINAR

[ii]

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to JNTUK, Accredidated by NAAC and approved by AICTE, NewDelhi)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project entitled, "Visual Cryptography based Detection and Prevention of Data in NetBanking", is a bonafied project done by B.Lakshmi Madhavi(13P31A0565),G.Chandana(13P31A0579),P.L.S.Saranya(13P31A05A0),V.TulasiDevi(13P31A05B6) during the year 2016-2017 in partial fulfillment of the requirements for the award of the degree of COMPUTER SCIENCE AND ENGINEERING in the department of CSE,ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY, affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada. This project is not submitted to any university for the award of any Degree/Diploma.

Internal Guide

Mrs. P. SriLatha, M. Tech.
Assistant Professor,
Department of CSE

Head of the Department

Mr. M. Anil Kumar, M. Tech. (Ph. D)
Associate Professor,
Department of CSE

External Examiner

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to JNTUK, Accredited by NAAC and Approved by AICTE, New Delhi)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "ADITYA STUDENT'S SHOP" is being submitted by **SAURAJEET CHATTERJEE (13P31A05A7),V.NAGA JYOTSHNA (13P31A05B5), K.LALITHA KUMARI (13P31A0586) , S.S.S.S.MAMATHA (13P31A05A6) , BISHAL KARMAKAR (13P31A0568)** in partial fulfilment of the requirement for award of B.Tech degree in Computer Science and Engineering for academic year 2013-2017.

PROJECT SUPERVISOR

Mr. Sk. Shabuddin M.Tech

Assistant Professor

HEAD OF THE DEPARTMENT

Mr. M.Anil Kumar M.Tech(Ph.D)

Associate Professor

EXTERNAL EXAMINER

[ii]

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to JNTUK, Kakinada, Approved by AICTE New Delhi, Accredited by NAAC)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "An Efficient Data hiding approach on Digital Multi Plane Images for Secret Communication" is a bonafide work carried out by K. Sairam Ganesh Reddy (13P31A0585), G.Jayasri (13P31A0576), M.L.S. Prasanna (13P31A0591), M.Sai Sankar Reddy (13P31A0592) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering from Aditya College of Engineering and Technology during the academic year 2013-2017.

PROJECT GUIDE

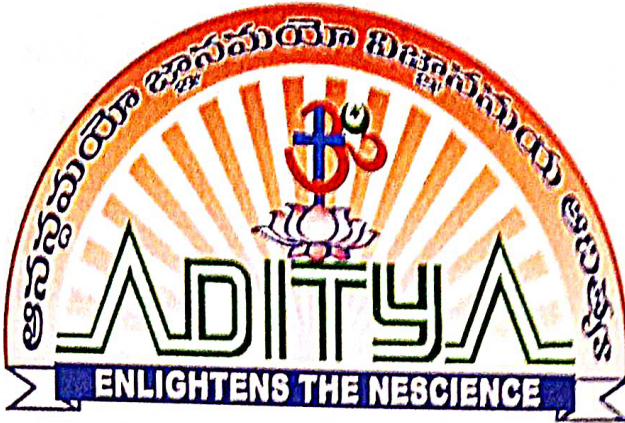Mrs R.SAILAJA, M.Tech (Ph.D)

Assistant Professor

HEAD OF THE DEPARTMENT

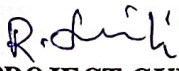Mr M.ANIL KUMAR, M.Tech (Ph.D)

Associate professor

EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "SECURITY ENHANCEMENT USING HYBRID APPROACHES" is a bonafide work carried out by K.Susmitha (13P31A0524), A.S.G.ChandraSekhar (13P31A0503), K.GeethaPranathi (13P31A0528), S.Ramesh Kumar (13P31A0550) in a partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering from Aditya College of Engineering and Technology during the academic year 2013-2017.

PROJECT GUIDE

R.Sailaja, M.Tech, (Ph.D)

Assistant Professor

HEAD OF THE DEPARTMENT

Mr.M.Anil Kumar, M.Tech, (Ph.D)

Associate Professor

EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Affiliated to JNTUK, Kakinada and Approved by AICTE, New Delhi)

Surampalem, ADB Road, E.G.District.

CERTIFICATE

This is to certify that the project report entitled **"DETECTING COMPLAINTS IN ONLINE PRODUCT PURCHASE"** is a bonafied work carried out by M.N.S.Priyanka (13P31A0539), V.Viharika (13P31A0557), V.S.K.N.Mallika (13P31A0556), M.Padma Raju (13P31A0533) at the college for the award of degree of Bachelor of Technology in **COMPUTER SCIENCE & ENGINEERING** from **ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY** during the academic year 2013-2017.

PROJECT GUIDE

Mrs.P.Sri Latha, M.Tech

Assistant Professor

HEAD OF THE DEPARTMENT

Mr. M.Anil Kumar, M.Tech.(Ph.D)

Associate Professor

EXTERNAL EXAMINER

CERTIFICATE

This is to certify that the project work entitled, "ONLINE BASED MULTI-SERICES", is a bonafide work carried out by PRIYANKA PATEL (13P31A0545), A.LAKSHMI GAYATRI (13P31A0504),B.NAVEEN (13P31A1513),ANNWESHA MUKHERJEE (13P31A0507), AMRITA TIWARY(13P31A0506), in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology** in **COMPUTER SCIENCE AND ENGINEERING** from Aditya College Of Engineering and Technology, during the academic year **2013-2017**.

PROJECT GUIDE

HEAD OF THE DEPARTMENT

Mr.A.K.V.Nagayya,M.Tech
Assistant Professor

Mr.M.AnilKumarM.Tech,(Ph.D)
Assistant Professor

EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that main project work entitled "GUARDIAN COMMERCIUM" is a bonafide work carried out by S.R.K.SRAVYA SRI (13P31A05B0), J.RIKITHA (13P31A0581), P.HARSHA (13P31A0599), K.MANOJ (13P31A0587) in a partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering from Aditya College of Engineering & Technology during the academic year 2013-2017.

PROJECT GUIDE

Mr.CH.V.V.S.N.MURTHY,M.Tech., (Ph.D.)

Associate Professor

HEAD OF THE DEPARTMENT

Mr.M.ANILKUMAR,M.Tech.,(Ph.D)

Associate Professor

EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to JNTU, Kakinada)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that it is a bonafied record of the Academic Main Project **"ONLINE FEEDBACK ENHANCEMENT SYSTEM"** being submitted by DH. Veera Raghavi (13P31A0519), T. Sri Navya Dhatri (13P31A0552), K. Vamsi Krishna Reddy (13P31A0527), M. Gowtham Kumar Reddy (13P31A0536). In partial fulfillment of the requirements for award of the B.Tech degree in **COMPUTER SCIENCE and ENGINEERING** for the academic year **2013-2017.**

Project Supervisor

Head of the Department

Mr. M. Anil Kumar M.Tech,(Ph.D)

Mr. M. Anil Kumar M.Tech,(Ph.D)

Associate Professor

Associate Professor

EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING& TECHNOLOGY

(Affiliated to JNTU Kakinada, & Approved by AICTE, New Delhi,

Accredited by NAAC)

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that main project work entitled "ONLINE BLOOD BANK

MANAGEMENT SYSTEM" is a bonafide work carried out by P. Amulya (13P31A0544), K. Annapurna (13P31A0523), V. Uma (13P31A0555), B. Sai Kiran (13P31A0510) at the college for the award of Bachelor Of Technology in Computer Science and Engineering from Aditya College Of Engineering and Technology during the academic year of 2013-2017.

PROJECT SUPERVISOR

Mr. S S R K M Gupta, MTech., (Ph.D.)

Assistant Professor

HEAD OF THE DEPARTMENT

Mr. M. Anil Kumar, MTech., (Ph.D.)

Associate professor

EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ADITYA COLLEGE OF ENGINEERING&TECHNOLOGY

(Affiliated to JNTUK, Kakinada and Approved by AICTE, New Delhi)

A.D.B.ROAD, Surampalem, East Godavari District.

CERTIFICATE

This is to certify that the main project report entitled "CAREER GUIDANCE" is a bonafied work carried out by   Saladi Sudheer Kumar(13P35A0514) , Amujuri Phani Bhushan(13P35A0501) , Nurukurthi Sri Venkatesh(13P35A0512) at the college for the award of Bachelor of Technology in **COMPUTER SCIENCE & ENGINEERING,** from **Aditya College of Engineering & Technology** during the academic year of 2013-2016

PROJECT GUIDE

Mr. A.K.V Nagayya, M. Tech.,

Assistant Professor

Department of CSE&IT

HEAD OF THE DEPARTMENT

Mr. M. Anil Kumar. M. Tech. (PhD)

Department of CSE&IT

EXTERNAL EXAMINAR

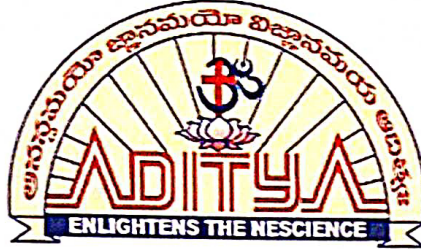Dr. A. S. N. CHAKRAVARTHY

Associate Professor

Dept. of Computer science & Engineering

JNTUK University College of Engineering

Vizianagaram-535003 A.P. India

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi)

A.B.D.ROAD, Surampalem, East Godavari District

CERTIFICATE

This is to certify that the main project report entitled "COLOUR BASED SCREEN LOCK" is a bonafide work carried out by **Ch. Pavan kumar (13P31A0573), K.Saahithi (13P31A0583), K.Rohini Devi (13P31A0584), V.Geetha Sri Devi (13P31A05B9), Vivek Kumar Singh (13P31A05C1)** at the college for the award of Bachelor of Technology in **COMPUTER SCIENCE & ENGINEERING** from **ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY** during the academic year of 2013-2017.

PROJECT GUIDE

Mr.A.K.V.NAGAYYA, M.Tech

ASSISTANT PROFESSOR

Department of CSE

HEAD OF THE DEPARTMENT

Mr. M. ANIL KUMAR, M.Tech (Ph.D.)

Department of CSE

EXTERNAL