

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "CROP PREDICTION ON ENVIRONMENTAL FACTORS USING MACHINE LEARNING", is a bonafide work carried out by K. SAI SINDHU (17P31A0512), V. DEEPTHI SRI (17P31A0554), K. JANA PRIYA (17P31A0515), G. BHANU PRAKASH (16P31A0565), 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, Surampalem, during the academic year 2017-2021.

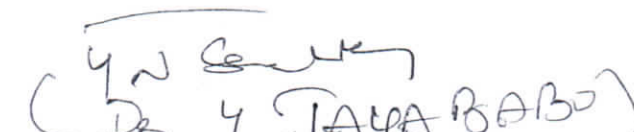
This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.


PROJECT SUPERVISOR

Mrs. T.J.L. Sarwani, M.Tech (phD)
Associate Professor
(Dept of CSE, ACET)


HEAD OF THE DEPARTMENT

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


EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
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Department of Computer Science and Engineering

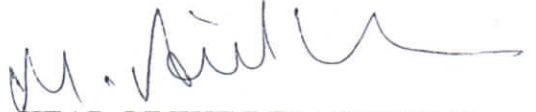


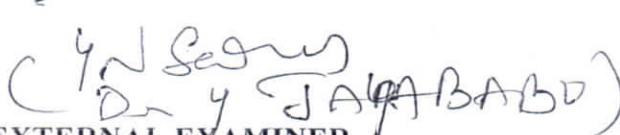
CERTIFICATE

This is to certify that the project work entitled, "IOT BASED SMART AGRICULTURE MONITORING SYSTEM", is a bonafide work carried out by **KARPURAM MANEESHA (17P31A0513), KUNCHE AMRUTHA GIRISH (17P31A0521), YANGALI DINESH (17P31A0557), KUNAL KISHORE (17P31A0520)**, 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, Surampalem, during the academic year 2020-2021.

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PROJECT SUPERVISOR
Dr. Sanjiv Rao Godla, M.Tech, Ph.D
Associate Professor


HEAD OF THE DEPARTMENT
Dr. M. Anil Kumar, M.Tech, Ph.D
Associate Professor


EXTERNAL EXAMINER

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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, " SMART BASKET WITH AUTO BILLING AND RELATED ITEM SUGGESTION", is a bonafide work carried out by AKURATHI JAHNAVI (17P31A0502), JAY SAI SANDEEP MEDICHARLA (17P31A0510), CHIKKALA KESAVA SAI CHARANMAYI (17P31A0507), BANDE SRI RAMA SURYA BHASKAR (17P31A0503), 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, Surampalem, during the academic year 2017-2021.

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N.M.J. Deborah

PROJECT SUPERVISOR

Ms. N Mary Joyce Deborah, M.Tech.

Assistant Professor

M. Anil Kumar

HEAD OF THE DEPARTMENT

Dr.M.Anil Kumar, M.Tech., Ph.D

Associate Professor

Dr. Y. N. S. S. (Dr. Y. N. S. S.)
EXTERNAL EXAMINER

[Signature]
PRINCIPAL
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Engineering & Technology
SURAMPALEM- 533 477

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CERTIFICATE

This is to certify that the project work entitled, "A COMPARATIVE STUDY OF MACHINE LEARNING ALGORITHMS FOR STUDENT ACADEMIC PERFORMANCE", is a bonafide work carried out by P.L.SAI PRIYA (17P31A0541), K. S. D. GREESHMANATH (17P31A0519), P. V. S. MANIKANTA REDDY (17P31A0539), R.VINAY KUMAR (17P31A0504), 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, Surampalem, during the academic year 2020-2021.

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PROJECT SUPERVISOR

Mr. G A K S Rajeev Kumar, M.Tech.
Assistant Professor

HEAD OF THE DEPARTMENT

Dr. M. Anil Kumar, M.Tech., Ph.D
Associate Professor

(Dr. Y. JAYA BABU)
EXTERNAL EXAMINER

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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "Lung Cancer Images Using Convolutional Neural Network", is a bonafide work carried out by **M.JAGAJYTOTHI (17P31A0533), M.NAVYA SRI (17P31A0529), U.B.S.S.KRISHNA (17P31A0551), M.S.V.SWAMY (17P31A0534)**, 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, Surampalem, during the academic year 2017-2021.

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J.D.L.Sri

PROJECT SUPERVISOR

Mrs.J.Divya Lalitha Sri, M.Tech.

Assistant Professor

**HEAD OF THE
DEPARTMENT**

M. Anil Kumar

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

Associate Professor

(Y.D. Y. JAYA BABU)
EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

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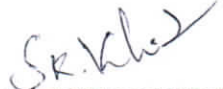
Department of Computer Science and Engineering

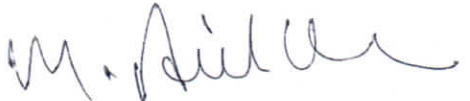


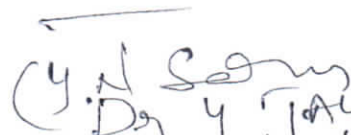
CERTIFICATE

This is to certify that the project work entitled, "EMOJI PREDICTION", is a bonafide work carried out by **NISHA KUMARI (17P31A0537)**, **CH. MADHURI (17P31A0506)**, **MEGHA KUMARI (17P31A0532)**, **T. KRISHNA TEJA (17P31A0549)**, 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, Surampalem, during the academic year 2020-2021.

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PROJECT SUPERVISOR
Mrs. Shaik Vahida, M.Tech
Assistant Professor


HEAD OF THE DEPARTMENT
Dr. M. Anil Kumar, M.Tech., Ph.D
Associate Professor


EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
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CERTIFICATE

This is to certify that the project work entitled, " **FACE RECOGNITION ROBUST TO OCCLUSIONS** ", is a bonafide work carried out by **N. HARIKA CHOWDARY (17P31A0536), P. MAHALAKSHMI ALEKHYA (17P31A0538), B.HEMA (17P31A0505), ADITYA NARAYAN SAHU (17P31A0501)**, 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, Surampalem, during the academic year 2017-2021.

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PROJECT SUPERVISOR

Mr. B. Manikyala Rao, M.Tech., (Ph.D.)
Assistant Professor
CSE Department


HEAD OF THE DEPARTMENT

Dr. M. Anil Kumar, M.Tech., Ph.D.
Associate Professor
CSE Department


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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "ADVANCED IOT BASED PATIENT MONITORING SYSTEM FOR BIO MEDICAL APPLICATIONS", is a bonafide work carried out by V.A.S.V.KALYANI(17P31A0553), L.SRAVANI(17P31A0523), T.V.S.CHAKRADORA(17P31A0550), S. GLORY (18P35A0545), 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, Surampalem, during the academic year 2017-2021.

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PROJECT SUPERVISOR

Dr. M. Anil Kumar, M.Tech, Ph.D
Associate Professor

HEAD OF THE DEPARTMENT

Dr. M. Anil Kumar, M.Tech, Ph.D
Associate Professor

(Dr. JAYABABU)
EXTERNAL EXAMINER
PRINCIPAL
Aditya College of
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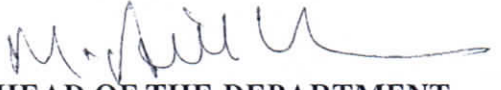
CERTIFICATE

This is to certify that the project work entitled, "STOCK MARKET CLOSE- PRICE PREDICTION USING AI ALGORITHMS", is a bonafide work carried out by **MADIREDDY KAVITHA(17P31A0524)**, **TADI SUNEETHA (17P31A0547)**, **MEDISETTI NAVEEN KUMAR (17P31A0531)**, **K. B. N .SWETHA(17P31A0511)**, 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, Surampalem, during the academic year 2017-2021.

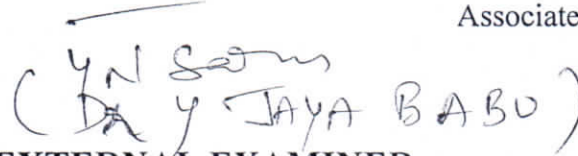
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PROJECT SUPERVISOR

Dr.Rayi Sailaja, M.Tech.
Associate Professor


HEAD OF THE DEPARTMENT

Dr.M.Anil Kumar, M.Tech.,(Ph.D)
Associate Professor


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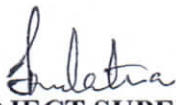
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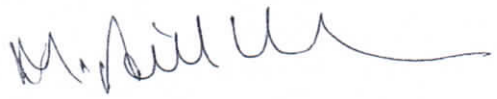


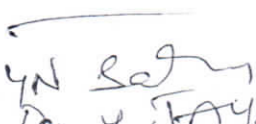
CERTIFICATE

This is to certify that the project work entitled, " AI MUSIC GENERATION SYSTEM", is a bonafide work carried out by SUPRIRA MUKHERJEE (17P31A0556), SUREDDY DEVI SAI SUNITHA (17P31A0546), KARRI JAYASREE (17P31A0516), PRATEEK SRIVASTAVA (17P31A0560), 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, Surampalem, during the academic year 2017-2021.

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PROJECT SUPERVISOR
Ms.Srilatha Pasumarthi , M.Tech.
Associate Professor


HEAD OF THE DEPARTMENT
Dr.M.Anil Kumar, M.Tech., Ph.D
Associate Professor


(Jayaram BABU)
EXTERNAL EXAMINER


PRINCIPAL
Aditya College of
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SURAMPALAM- 533


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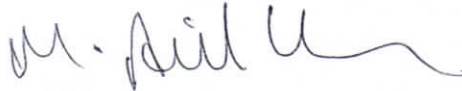


CERTIFICATE


This is to certify that the project work entitled, "TRACKING INDUSTRIAL ASSETS USING BLOCKCHAIN", is carried out by **M.N.A. PRAMODH (17P31A0525), M.V. ARAVIND (17P31A0528), M.V.S.R. SRI HARSHA(17P31A0527), CH. PAVAN (17P31A0508)**, 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, Surampalem, during the academic year 2017-2021.

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PROJRCT SUPERVISOR
Mr. Sheik Shabuddin, M.Tech.
Assistant Professor


HEAD OF THE DEPARTMENT
Dr. M. ANIL KUMAR, M.Tech., Ph.D.
Associate Professor


EXTERNAL EXAMINER


PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM-577

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "ONLINE BOOK RECOMMENDER SYSTEM", is a bonafide work carried out by K.PAAVANI SHRI(17P31A0517), K. ALEKHYA (17P31A0514), V. SUPRIYA (17P31A0552), CH. RAKESH (1731A0559), 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, Surampalem, during the academic year 2017-2021.

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PROJECT SUPERVISOR

Mr.CH.S.V.V.S.N MURTHY

M.Tech.,(Ph.D)

Associate Professor

HEAD OF THE DEPARTMENT

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

Associate Professor

(Dr Y JAYA BABU)

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM- 533 437

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "CUSTOMER CHURN PREDICTION USING MACHINE LEARNING TECHNIQUES", is a bonafide work carried out by M.CHANDRA SHEKHAR (17P31A0526), RAJYADAV(17P31A0542), K.ANIL KUMAR (17P31A0522), N.MEHER VENKATA KRISHNA REDDY (17P31A0535), V.SATYA KRISHNA (17P31A0555), 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, Surampalem, during the academic year 2017-2021.

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N. Madhuri
PROJECT SUPERVISOR
Ms. N.Madhuri,M.Tech
Assistant Professor

Dr. M. Anil Kumar
HEAD OF THE DEPARTMENT
Dr.M.Anil Kumar, M.Tech.,Ph.D
Associate Professor

Dr. Y. Jaya Babu
(*Dr. Y. JAYA BABU*)
EXTERNAL EXAMINER

[Signature]
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Engineering & Technology
SURAMPALAM- 533 437

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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "BITCOIN PRICE PREDICTION", is a bonafide work carried out by ANKAM GEETHA PRASANNA (17P31A0563), RAMAN KUMAR MAHARAJ (17P31A05A3), SIKAKOLLU KIRAN (17P31A05B1), RAKESH RANJAN (17P31A05A2) 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 2017-2021.

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PROJECT SUPERVISOR

Mrs. T. J. L. Sarwani, M. Tech., [PhD]
Associate Professor

HEAD OF THE DEPARTMENT

Dr. M. Anil Kumar, M. Tech., Ph. D
Associate Professor

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM- 533 437

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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "PNEUMONIA DETECTION USING CONVOLUTION NEURAL NETWORK", is a bonafide work carried out by **R.SATYA NAYANI (17P31A05A5), P.RACHITHA (17P31A0599), B.BHAVYA SAI SRI (17P31A0570), G.SAI CHANDU (17P31A0574)**, 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, Surampalem, during the academic year 2017-2021.

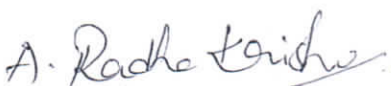
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PROJECT SUPERVISOR

Dr.Sanjiv Rao Godla,M.Tech.,PhD
Professor


HEAD OF THE DEPARMENT,

Dr. M.Anil Kumar, M.Tech., Ph.D
Associate Professor


EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "AUTOMATED PREDICTION OF NON-ALCOHOLIC FATTY LIVER DISEASE USING MACHINE LEARNING ALGORITHMS", is a bonafide work carried out by A.N.L. GAYATHRI DEVI (17P31A0567), K.B. SAI MANOHAR (17P31A0585), P.L.S. LAHARI PRIYA (17P31A05A1), SUNIL KUMAR SAH (17P31A0594) 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, Surampalem, during the academic year 2017-2021.

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PROJECT SUPERVISOR

Ms. Ravuri Lalitha., M.Tech
Assistant Professor


HEAD OF THE DEPARTMENT

Dr.M.Anil Kumar, M.Tech., Ph.D.
Associate Professor


EXTERNAL EXAMINER

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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "SELF-DIAGNOSIS CHATBOT FOR HEALTHCARE DOMAIN", is a bonafide work carried out by DOMMU LA SELENE (17P31A0573), YELURI SAI ROHITH (17P31A05B9), VEEJETA SHANKAR (17P31A05B7), G. V. V DURGA PRASAD (18P35A0502), 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, Surampalem, during the academic year 2017-2021.

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N. M. J. Deborah
PROJECT SUPERVISOR

Ms. N Mary Joyce Deborah, M.Tech.,
Assistant Professor

Dr. Anil Kumar
HEAD OF THE DEPARTMENT

Dr. Anil Kumar, M.Tech., Ph.D.
Associate Professor

A Radha Krishna
EXTERNAL EXAMINER

[Signature]
PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 43

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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "CAPTIONBOT FOR ASSISTIVE VISION ", is a bonafide work carried out by **SHIWANGI SRIVASTAVA (17P31A05B0)**, **AVISHREE(17P31A0566)**,**D.KRISHNA (16A91A05D2)**, **SAPTARSHI DASADHIKARY (16P31A0559)**, **G. BHANU V. RAO (17P31A0575)** 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, Surampalem, during the academic year 2017-2021.

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PROJECT SUPERVISOR

Mr.G A K S Rajeev kumar,M.Tech
Assistant Professor

HEAD OF THE DEPARTMENT

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

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM - 523 437

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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "PLACEMENT MANAGEMENT SYSTEM", is a bonafide work carried out by ALPANA SHREE (17P31A0562), J. SATYA SAI KIRAN (17P31A0580), SEERAPU SAIRAM (17P31A05A9), B. BHAVANI DINESH (17P31A0569), P.S.V. SATYANARAYANA (18P35A0501), 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, Surampalem, during the academic year 2017-2021.

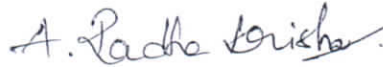
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PROJECT SUPERVISOR

Mr. Manikyalarao Bollu, M.Tech., (Ph.D)
Assistant Professor


HEAD OF THE DEPARTMENT

Dr. M. Anil Kumar, M.Tech, Ph.D
Associate Professor


EXTERNAL EXAMINER


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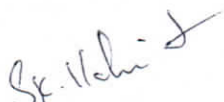
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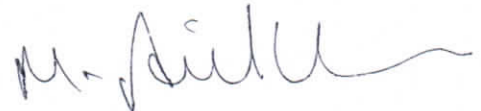


CERTIFICATE

This is to certify that the project work entitled, " AN IOT-BASED SYSTEM FOR AUTOMATED HEALTH MONITORING AND SURVEILLANCE IN POST-PANDEMIC LIFE ", is a bonafide work carried out by **MALLIPUDI SATYA (17P31A0592), ASHISH GUPTA (17P31A0565), BAPPADITYA BERA (17P31A0568), L. PAVAN KUMAR (17P31A0589), MADHU PRIYA (17P31A0591)**, 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, Surampalem, during the academic year 2017-2021.

This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.


PROJECT SUPERVISOR
Miss. Shaik Vahida, M.Tech
Assistant Professor


HEAD OF THE DEPARTMENT
Dr. M. Anil Kumar, M.Tech., Ph.D
Associate Professor


EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "HUMAN SENTIMENT ANALYTICS USING DEEP LEARNING", is a bonafide work carried out by **JALDI CHRIS DAVIS (17P31A0579)**, **P.RAJESH REDDY (17P31A0598)**, **TANU SHREE (17P31A05B6)**, **Y.CHANDRA SEKHAR (18P35A0503)**, 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, Surampalem, during the academic year 2017-2021.

This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.

PROJECT SUPERVISOR

Dr. M. Anil Kumar, M.Tech., Ph.D.

Associate Professor

HEAD OF THE DEPARTMENT

Dr. M. Anil Kumar, M.Tech., Ph.D.

Associate Professor

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 027

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "SOIL AND LAND CLASSIFICATION USING DEEP LEARNING", is a bonafide work carried out by **R.VIJAYADEVI(17P31A05A4),D.SRINIVAS(17P31A0571),P.VAMSI(17P31A05A0),K.D.L.ESWARARAO(17P31A0583)**, 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, Surampalem, during the academic year 2017-2021.

This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.

PROJECT SUPERVISOR

Dr. T Satish ,M.Tech,PhD

Assistant Professor

HEAD OF THE DEPARTMENT

Dr.M.Anil Kumar, M.Tech.,Ph.D.

Associate Professor

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM- 522 401

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "**Network penetration Testing**", is a bonafide work carried out by **M. Sai kiran (17P31A0597), A. Rajesh (17P31A0561), Akash (17P31A05B4), K. Harika (17P31A0582), M. Sai Chandra (17P31A0590)** 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, Surampalem, during the academic year 2017-2021.

This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.

PROJECT SUPERVISOR

Ms. K.S.B Ambika, MTech

Assistant Professor

HEAD OF THE DEPARTMENT

Dr. M. Anil Kumar, MTech., Ph.D.

Associate Professor

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 47

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "HAND WRITTEN DIGIT RECOGNITION USING DEEP LEARNING", is a bonafide work carried out by **M. PRATYUSHA (17P31A0593), G. ANAND PRASAD (17P31A0578), A. SHANMUKHI (17P31A0564), (17P31A05B5), S.ANUSHA (17P31A05A6)** 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, Surampalem, during the academic year 2017-2021.

This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.

PROJECT SUPERVISOR

Mr. Sheik Shabuddin ,M.Tech.
Assistant Professor

HEAD OF THE DEPARTMENT

Dr.M.Anil Kumar, M.Tech.,Ph.D.
Associate Professor,

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 437

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "RICE LEAF DISEASE DETECTION AND CLASSIFICATION USING DEEP LEARNING", is a bonafide work carried out by **M.V.V.S.ANANTHALAKSHMI(17P31A0596), M.DEVI(17P31A0595), S.ARIFA(17P31A05A8), K.PARVATI(17P31A0588), G.VYSHNAVI(17P31A0577)**, 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, Surampalem, during the academic year 2017-2021.

This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.

N. madhuri
PROJECT SUPERVISOR
Ms. N, Madhuri, M.Tech,
Assistant Professor

Dr. M. Anil Kumar
HEAD OF THE DEPARTMENT
Dr. M. Anil Kumar, M.Tech., Ph.D
Associate Professor

A. Radha Krishna
EXTERNAL EXAMINER

Principal
PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 627


ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled, "IRIS BASED RECOGNITION AND AUTHENTICATION", is a bonafide work carried out by **K.HARSHITHA (17P31A0587), K.V.V.SAI KAMAL (17P31A0586), TABASUM ARA (17P31A05C0), K.NARENDRA (17P31A0584)**, 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, Surampalem, during the academic year 2017-2021.


This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.


PROJECT SUPERVISOR

Mr.CH.S.V.V.S.N.Murthy, M.Tech (Ph.D)
Associate Professor


HEAD OF THE DEPARTMENT

Dr.M.Anil Kumar, M.Tech, Ph.D
Associate Professor


EXTERNAL EXAMINER


PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 437