

**ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Permanently Affiliated to JNTUK, Approved by AICTE, Accredited by NAAC)  
**Department of Computer Science and Engineering**



**CERTIFICATE**

This is to certify that the project work entitled, " **AN IOT-READY STREAMING MANAGER DEVICE FOR CLASSROOM ENVIRONMENT IN A SMART CAMPUS** ", is a bonafide work carried out by Miss **PONNURU SULAKSHANA (16P31A0542)** , Miss **SABBELLA SURYA SATYA (16P31A0543)** , Miss **BATCHU DURGA AISHWARYA (16P31A0503)**, Mr.**KARRI JYOTHI SWAROOP (16P31A0526)**, Mr.**CHIKMAGLUR MALLIKARJUN ROHAN (16P31A0543)**, 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 2019-2020.

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.K.S.B.Ambika M.Tech

Assistant Professor

**HEAD OF THE DEPARTMENT**

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

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, "**SMART TRASH CAN MONITORING SYSTEM**", is a bonafide work carried out by Miss **BOSUKONDA SAHRUDAYA (16P31A0505)** , **KATAKAM VATHSALYA (16P31A0580)**, **MOTUKA MAMATHA (16P31A0535)**, **BUDDIGA BRAMARANJALI (16P31A0506)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

J.Divya Lalitha Sri M.Tech

Assistant Professor

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**CERTIFICATE**

This is to certify that the project work entitled, "**STAFF SALARY AUTOMATION USING RPA**", is a bonafide work carried out by **Miss MALNEEDI SAI SATYA SRI MEGHANA (16P31A0533)**, **Miss PAKKI SIVA SAI PRASANTHI (16P31A0539)**, **Mr.GUTHULA GIRISH BABU (16P31A0515)**, **Mr.RONGALA DURGA PRASAD (16P31A0544)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

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

This is to certify that the project work entitled, "**SMART HYDROPONICS IRRIGATION**", is a bonafide work carried out by **Miss PACHIGOLLA RACHANA (16P31A0558)**, **Miss TALLURI DHATRI (16P31A0551)**, **Miss KOLLURI SAI LAKSHMI MANASA (16P31A0513)**, **Mr.KOPPIRALA VENKATA SARVA KALI PRASAD (16P31A0528)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Mr.CHAKKA SVVSN MURTY M.Tech.,(Ph.D)  
Associate Professor

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**CERTIFICATE**

This is to certify that the project work entitled, "**MOVIE RECOMMENDATION SYSTEM**" , is a bonafide work carried out by **Miss CHODISETTI HAARIKA (16P31A0510)**, **Miss VASAMSETTI MADHAVI SATYA (16P31A0555)**, **Mr.VEDALA SAI RAGHAVA SREEHARSHA (16P31A0556)**, **Mr.MALLESWARAPU JAGADEESH (16P31A0531)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Ms THUMPATI SURYA DURGA M.Tech  
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**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, "**IOT BASED HEALTH JACKET**", is a bonafide work carried out by **Miss KARAGANI TARAKA SUSHMA (16P31A0524)**, **Miss DAKE KARUNA (16P31A0511)**, **Mr.JAKKA VENKATASRINU (16P31A0517)**, **Mr.CHINTALURI SUNEEL (16P31A0509)**, 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 2019-2020.

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. B.MANIKYALA RAO M.Tech.  
Assistant Professor

**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, "**OBJECT DETECTION IN AUTONOMOUS CARS USING OPEN CV**", is a bonafide work carried out by Miss **KUMPATLA SWARNAMBIKA (16P31A0530)**, Mr.**NAVIN KUMAR SINGH (16P31A0537)**, Mr.**GUNTUKA VENKATA RAMA MADHUSUDHAN (16P31A0514)**, Mr.**KAKINADA SRI RAM KUMAR (16P31A0519)**, 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 2019-2020.

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. RAVURI LALITHA M.Tech.  
Assistant Professor

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**CERTIFICATE**

This is to certify that the project work entitled, " **SKIN CANCER PREDICTION USING ML** ", is a bonafide work carried out by Miss **BALANTRAPU VENKATA LAHARI (16P31A0502)**, Miss **KAVITHA PEDA KAPU (16P31A0527)**, Mr.**KARRI BHAVANI SHANKAR (16P31A0525)**, Mr.**CHINTA SRINIVAS (16P31A0508)**, 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 2019-2020.

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 S.S.R.K.M GUPTHA M.Tech  
Assistant Professor

**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, "**SMART EMERGENCY SAVING SYSTEM**" , is a bonafide work carried out by **Miss DWARAMPUDI SRI LAKSHMI PRASANNA (16541A0509)**, **Miss NIMMAGADDA SATYA SRI SAI PRAVALLIKA (16P31A0538)** **Mr.SATTI BHAVANI KIRAN REDDY (16P31A0548)**, **Mr.TELAGAMSETTI KARTHIK KUMAR (16P31A0552)**, 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 2019-2020.

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. SRILATHA PASUMARTI  
Associate Professor

**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, "**APPLYING ML TO PREDICT TYPE OF BRIAN TUMOUR**", is a bonafide work carried out by Miss **BALLA NAGA DURGA ALEKYA (16A61A0504)**, Miss **BUSIM GOWRI SINDU MADHAVI (16A61A0510)**, Miss **VARDHANAPU KRISHNA PRIYA (16P31A0553)**, Miss **KANDIBOTLA KAVYA (16P31A0523)**, 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 2019-2020.

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 N.Madhuri<sub>M.Tech</sub>  
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Professor

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**CERTIFICATE**

This is to certify that the project work entitled, "**IMAGE ENCRYPTION USING NOVEL EDGE MAP ALGORITHM**", is a bonafide work carried out by Miss **SAMPURNA BHOWMICK (16P31A0546)**, Miss **PENUMARTHI GEETHIKA CHOWDARY (16P31A0540)**, Mr. **MUTYALASAIKUMAR (16P31A0536)**, Mr. **BONABOINA NAGABABU (16P31A0504)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Mr. Sk.Shabuddin M.Tech.,  
Assistant Professor

**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, "**PREDICTION OF INTRUSION USING ML**", is a bonafide work carried out by Miss **KALLAKURI PADMA VYSHNAVI (16P31A0521)**, Miss **KALTURI SATYADEVI (16P31A0522)**, Mr. **KALIDINDI RAHUL VENKATA BABA (16P31A0520)**, Mr. **RYALI SURYA PRAKASH (16P31A0545)**, 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 2019-2020.

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**

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**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, " **INTELLIGENT TOURIST INFORMATION SYSTEM** ", is a bonafide work carried out by **Miss Miss PRATIMA DAS (16P31A0534), Miss GUTTULA SAI CHANDANA (16P31A0516), Miss KOTA NAGA SIRISHA (16P31A0529), Mr.PILLI VEERA RAGHURAM (1631A0541)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Mrs. CH.SUJANA M.Tech.,  
Assistant Professor

**HEAD OF THE DEPARTMENT**

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

**EXTERNAL EXAMINER**

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**CERTIFICATE**

This is to certify that the project work entitled, "**IMAGE FORGERY DETECTION USING DWT AND PCA**", is a bonafide work carried out by Miss **DEBOLINA PAUL (16P31A0512)**, Miss **JANA SREE VISALAKSHI (16A61A0517)**, Mr.**VASA KRUPAL (16P31A0554)**, Miss **JAGRITI KUMARI (15P31A0577)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Dr. R.SAILAJA  
Associate Professor

**HEAD OF THE DEPARTMENT**

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

**EXTERNAL EXAMINER**

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**CERTIFICATE**

This is to certify that the project work entitled, "**DETECTION OF PHISHING WEBSITES**", is a bonafide work carried out by **Mr.ASHISH KUMAR (16P31A0557), Mr.APURV SHARAN (16P31A0501) , Mr.JEET GHOSH (16P31A0518), Mr.SHIV SHANKAR HALDER (16P31A0560)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Ms SK.VAHIDA<sup>M.Tech.</sup>,  
Assistant Professor

**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, **“SMART COLLEGE BUS TRACKING SYSTEM ”**, is a bonafide work carried out by **Chilukuri Vaishnavi (16P31A0574)**, **Miss Makdhum Ashraf (16P31A05C0)**, **Akey Siddi Prasad (16P31A0562)**, **Dasari Ramarao (1631A0576)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Dr. SANJIV RAO GODLA M.Tech.,Ph.D  
Professor

**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, **“STUDENT ATTENDANCE AUTOMATION USING RPA ”** , is a bonafide work carried out by **Koka Sindhusa (16P31A0587), Panangipalli Anusha (16P31A0599), Saladi Veera Venkata Satya Sanhi (16P31A05A7), Sammangi Ravi Chaitanya (16P31A0573)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Mr. Mr.S.S.R.K.M.Gupta M.Tech.  
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**CERTIFICATE**

This is to certify that the project work entitled, **“TRAFFIC CONTROL AND ANALYSIS THROUGH VIDEO SURVEILLANCE USING TENSOR FLOW ”**, is a bonafide work carried out by **Goli Rajasekhar (16P31A0581), Kanakala Satish Durga Shankar (17P35A0502), Akshat Kumar Jain (16P31A0563), Savada Anusai Reddy (16P31A05A9)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Mrs. Y MANGA DEVI M.Tech.,

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**CERTIFICATE**

This is to certify that the project work entitled, **“IDENTIFICATION OF APPLE LEAF DISEASE USING DL APPROACH ”**, is a bonafide work carried out by **Mavuri Sai Susmitha (16P31A0595), Manchiseti Pravallika (16P31A0593), Nidhi Rani (16P31A05A3), Bollu Sivaraj Kumar (1631A0571)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

**K MANI KANTA PAVAN KUMAR** M.Tech  
Assistant Professor

**HEAD OF THE DEPARTMENT**

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**CERTIFICATE**

This is to certify that the project work entitled, **“EMOTION DETECTION FROM HUMAN FACE ”**, is a bonafide work carried out by **Yamini Mani Deepika Yarra (16P31A05B5), Pati Devi Rama Sudha (17P35A0506), Pathigulla Sairam (16P31A05A1), Dhanekula Sai Venkat (16P31A0598)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Mr. ANDE KOTI VEERA NAGAYYA  
Associate Professor

**HEAD OF THE DEPARTMENT**

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

This is to certify that the project work entitled, **"DETECTION OF IMAGE FORGERY "**, is a bonafide work carried out by **Adireddy Ninesha Bhavani (16P31A0561), Gandham Naga Santhoshi Sai Nandan (16P31A0578), Saraf Lokesh Jain (16P31A05A8), Gunnam Sindhu (16P31A0583)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

Mr. G A K S RAJEEV KUMAR  
Assistant Professor

**HEAD OF THE DEPARTMENT**

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Professor

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**CERTIFICATE**

This is to certify that the project work entitled, **“SMART CARD TRACKING”**, is a bonafide work carried out by **Bolla Alekya Devi (16P31A0570)**, **Mukesh Kumar (16P31A05B8)**, **Pasupuleti Sushma Satya (16P31A05A0)**, **Purimitla Rajkumar (16P31A05A6)**, 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 2019-2020.

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.M.John Henry  
Associate Professor

**HEAD OF THE DEPARTMENT**

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Professor

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**CERTIFICATE**

This is to certify that the project work entitled, **“ATTENDANCE MANAGEMENT SYSTEM”**, is a bonafide work carried out by **Anupam Maity (16P31A0566)**, **Krishn Kumar Mishra (16P31A05B7)**, 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 2019-2020.

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**PROJECT SUPERVISOR**

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**CERTIFICATE**

This is to certify that the project work entitled, **“RECOMMEND SOIL QUALITY,CROP TYPE AND PREDICT CROP YIELD USING ML”**, is a bonafide work carried out by **Medapati Divya Sri (16P31A0596), Subham Kumar Gupta (16P31A05B0), Kanchumarthy Siva Sri Priya (16P31A0585), Vemulapudi Pavan Kishore (16P31A0590)** 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 2019-2020.

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.

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This is to certify that the project work entitled, **“MARKER BASED AUGMENTED REALITY FOR EDUCATION”**, is a bonafide work carried out by **Yandamuri Veera Venkata Satya Sai Uma (17P35A0504), Alla Srikanya (16P31A0564), Romanus Anirban Beck (17P35A0503), Podi Bobby (16P31A05A4)** 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 2019-2020.

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This is to certify that the project work entitled, **“DEATH RAMPAGE”**, is a bonafide work carried out by **Gannavarapu C L Padmavathi Priyanka (16P31A0580)**, **Yash Bafna (16P31A05B6)**, **Korukonda Meher Supreeth (16P31A0589)**, **Gummadi Tej Roy (16P31A0582)** 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 2019-2020.

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This is to certify that the project work entitled, **“TOLLBOOTH AUTOMATION”**, is a bonafide work carried out by **Baswa Sandhya (17P35A0505)**, **Maddasani Sivanagaraju (16P31A0592)**, **Soham Kabiraj (16P31A05B3)**, **Kondapalli Lakshmi Narayana Chowdary (16P31A0588)** 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 2019-2020.

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**CERTIFICATE**

This is to certify that the project work entitled, **“DRUG RECOMMENDATION FOR A DISEASE USING ML ”**, is a bonafide work carried out by **Simha Mounika (16P31A05B1)**, **Garapati Vasavi (16P31A05B9)**, **Meesala Sri Lakshmi (16P31A0597)**, **Vellanki Sai Anirudh (16P31A05B4)** 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 2019-2020.

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**CERTIFICATE**

This is to certify that the project work entitled, **“DRIVER DROWSINESS DETECTION USING IOT AND DL ”**, is a bonafide work carried out by **Lanka Baby Jahnavi (16P31A0591)**, **Ganji Harika Venkata Ramani (16P31A0579)**, **Mattaparthi Sirisha (16P31A0594)**, **Peddinti Sri Vishnu Pramod (16P31A05A2)** 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 2019-2020.

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**CERTIFICATE**

This is to certify that the project work entitled, **“FAKE CURRENCY DETECTION USING DL ”**, is a bonafide work carried out by **Simhadri Kishore (16P31A05B2)**, **Bhamidipati Veera Venkata Gowtham Sandilya (16P31A0569)**, **Gundraju Rampratap (17P35A0501)**, **Pothamsetti Rajasekhar Reddy (16P31A05A5)** 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 2019-2020.

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.

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**CERTIFICATE**

This is to certify that the project work entitled, **“INTERNAL MAIL SERVER USING LINUX ”** , is a bonafide work carried out by **Kanamathareddy Sunanda (16P31A0584)**, 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 2019-2020.

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.

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