

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Project report entitled "DESIGN AND IMPLEMENTATION OF IOT BASED SOLAR GRASS CUTTER USING ARDUINO" is being submitted by KOLLU SRI VASAVI PRAVALLIKA(15P31A04K0), BOMMULA SAISRINIVAS(15P31A04I6), PADALA KUSUMA MEGHANA(15P31A04L7), THARA PRATAP VEER REDDY(15P31A04N5), THOTA TULASI KANTHAM(14P31A04C0) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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CERTIFICATE

This is to certify that Project report entitled "IMAGE COMPRESSION USING DISCRETE COSINE AND DISCRETE WAVELET TRANSFORMATIONS" is being submitted by KOVVURI SATYADURGA REDDY(16P35A0425), REDDY AISHWARYA(15P31A04M8), KUMPATLA MAHITHA(15P31A04K3), Mr. PANTHAM PAVAN SAI MAHESH(15P31A04M1) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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This is to certify that Project report entitled "DESIGN OF TRAFFIC MANAGEMENT AND AIR QUALITY MONITORING SYSTEM BY USING IOT" is being submitted by DALLI VISWAKALA RAGA AMRUTHA REDDY(16P35A0423), MANJETI BHARGAVI(15P31A04K6), KOTA NANAJEE(16P35A0424), ARATAKATLA MAHENDRA(15P31A04I3) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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This is to certify that Project report entitled "HAND TALK USING FOUR FLEX SENSORS WITH VOICE OUTPUT" is being submitted by VEGASNA PRASUNA(15P31A04N7), PEETHA JAYASRI(15P31A04M2), MATTA VEERABHADRAM(15P31A04K8), GARAGA JAGADEESH(15P31A04J3) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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CERTIFICATE

This is to certify that Project report entitled "IMPLEMENTATION OF BIOMETRIC ATTENDANCE SYSTEM USING IOT" is being submitted by SABBELLA LALITHA(15P31A04N1), SALADI SESA SAI RAM NEERAJ(15P31A04N2), YELURI SAI JAIDEEP(15P31A04O0), PICHKA GNANA BRAHMA TEJA(15P31A04M4) in the partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic period of 2018-2019


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CERTIFICATE

This is to certify that Project report entitled “**DESIGN AND IMPLEMENTATION OF SUN TRACKING SOLAR PANEL**” is being submitted by **RUDRAVARJULA SAI RAJESH(15P31A04N0), GAVARA ALEKHYA(15P31A04J4), Miss BOKKA CHANDINI DEVI(15P31A04I5), VADUGURI SESA SATYA SAI MANI SOWJANYA(15P31A04N6)** in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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CERTIFICATE

This is to certify that Project report entitled “**DESIGN AND IMPLEMENTATION OF PATIENT HEALTH MONITORING SYSTEM**” is being submitted by **POLISETTI NAVEENA(15P31A04M5), CHIRIPIREDDY LAKSHMI DEVI(15P31A049), PULYA SUBRAHMANYA SUNIL(15P31A04M6), Mr. SURI MADHAV(15P31A04N3)** in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019



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CERTIFICATE

This is to certify that Project report entitled "UNIVERSAL FILTERED MULTICARRIER MODULATION TECHNIQUE FOR 5G COMMUNICATIONS" is being submitted by PALACHARLA PRATHYUSHA(15P31A04L8), KANDREGULA CHANDANA SREE(15P31A04J), GANNI MEHAR MADHUSHA(15P31A04J2), MUNUGOTI VAMSHI KRISHNA(15P31A04L0) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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CERTIFICATE


This is to certify that Project report entitled “**DRIVER DROWSYNESS DETECTION SYSTEM**” is being submitted by NAIDU PRATHYUSHA(15P31A04L4), PANDULA SRI SAI SATYA GAYATHRI DEVI(15P31A04M0), ADAPA VINAYAKA DURGA PRASAD(16P35A042), NEDUNURI SAI NAGA KIRAN(15P31A04L5) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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CERTIFICATE

This is to certify that Project report entitled "A REAL TIME PH MONITORING SYSTEM FOR AQUA FARMS" is being submitted by MOPURI DURGAPRASAD(15P31A04L1), PALACHERLA SUSMITHA(15P31A04L9), YALLA MARY SUSEELA(15P31A04N9), Mr. PEMMADI SANTHA RAJU(15P31A04M3) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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CERTIFICATE


This is to certify that Project report entitled "IOT BASED SMART CNC DRAWING MACHINE" is being submitted by MAROTHI SATYA(15P31A04K7), MUTTA SAI TEJA(15P31A04L3), TANGELLA TARUN SAI(15P31A04N4), MADHAVARAPU VEERABHADRA RAO(16P35A0426) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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CERTIFICATE


This is to certify that Project report entitled "GSM BASED WIRELESS E-NOTIC BOARD" is being submitted by KUNDRAPU SRI DIVYA(15P31A04K4), Mr. CHANDOLU VENKATA SRISAI(15P31A04I8), RUDRARAJU NAVEEN GOPALA KRISHNAM RAJU(15P31A04M9), GURAJADA SRINIVAS(15P31A04J5) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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CERTIFICATE

This is to certify that Project report entitled "SPEECH COMPRESSION USING COMPRESIVE SENSING" is being submitted by KATTA SRI HARI(15P31A04J9), MURKONDA SATYA DURGA(15P31A04L2), JAKKAMPUDI DEVI ARJUN RAJ(15P31A04J6), Mr. MEDISETTI PAVAN KALYAN(15P31A04K9) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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This is to certify that Project report entitled "DESIGN OF HIGH SPEED COMPARATOR USING CANARY LOGIC" is being submitted by BIKKINA LATHA(15P31A04I4), PURETI GURU SANTHOSH(15P31A04M7), LOKAREDDIVENKATESH(15P31A04K5), VELAGA VENKATESH(15P31A04N8) in the partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic period of 2018-2019


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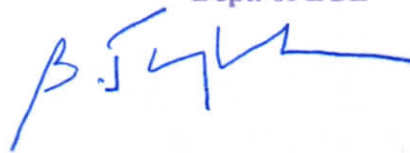
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CERTIFICATE


This is is to certify that Project report entitled "DESIGN AND IMPLEMENTAION OF SMART HELMET USING ARDUINO UNO" is being submitted by APPANA DURGA MANIKANTA(15P31A04I2), SIYYADRI VENKATESH (16P35A0428), P UMA MAHESWARI(15P31A04L6),RAIDU MANIKANTA PRASAD(16P35A0427) in the partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic period of 2018-2019.


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CERTIFICATE

This is to certify that Project report entitled "CHARACTER RECOGNITION USING ARTIFICIAL NUERAL NETWORKS" is being submitted by PIRINTLA ANIL REDDY (16P35A0420), VARADA GANGA MADHURI (15P31A04H1), ANNAPUREDDY VENKATA SIVA REDDY (15P31A04C2), Mr. PUNYAMANTULA VENKATA HARI KRISHNA BABU (16P35A042) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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CERTIFICATE

This is to certify that Project report entitled "FAST COMBINATIONAL ARCHITECTURE FOR A VEDIC A DIVIDER" is being submitted by Miss KUMPATLA CHAKRAVEN(16P35A0418), NANDIGAM KAVYA(15P31A04F4), YEDLA VEERAVENKATA DURGAPOORNACHANDRARAO (15P31A04H9), Mr. DURGA SESHASAI ANIL(15P31A04D3) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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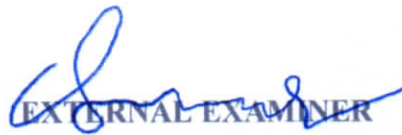
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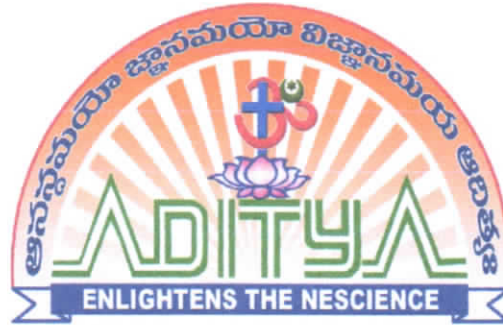
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CERTIFICATE

This is to certify that Project report entitled "TIME FREQUENCY RESOLUTION ANALYSIS OF A SIGNAL" is being submitted by VALLABHASETTI SRAVANTHI (15P31A04H0), Miss LANKA BHAVYA KANTHAM (15P31A04E7), SEEMAKURTHI SATYA SRAVANI (15P31A04G5), MAMIDI KALYAN KUMAR (15P31A04F0) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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CERTIFICATE

This is to certify that Project report entitled "A FAST AND ACURATE RETINA IMAGE VERIFICATION BASED ON STRUCTURE SIMILARITIES" is being submitted by RAVIRANJAN KUMAR (15P31A04G2), BADIPATI DURGAPRASAD (16P35A0416), VULLY AKHILASAI (15P31A04H7), NAGALA GOPICHANDU (15P31A04F3) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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This is to certify that Project report entitled "FUNCTION GENERATOR USING ARDUINO" is being submitted by PULAVARTHI SWAROOPA SRAVYA (15P31A04G1), KOTIKALAPUDI SRIPRIYA BHAVANA (15P31A04E5), PEKETI MANOJ SRI VAMSI (15P31A04F7), Mr. NEELAPALA NAGA VENKAT DURGA PRASAD (15P31A04F5) in the partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic period of 2018-2019


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This is to certify that Project report entitled "DESIGN AND IMPLEMENTATION OF SMART WATER MANAGEMENT SYSTEM BY USING IOT" is being submitted by AKULA DEVI DIVYA(15P31A04C1), NITHISH V R(15P31A04F6), JAKKAMPUDI SURESH (15P31A04E0), HOTHAI SAI KRISHNA VAMSI(15P31A04D8) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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This is to certify that Project report entitled "IMPLEMENTATION OF MULTIMODULES PRESCALARS" is being submitted by MARISETTY YAGJNA SRI V LAKSHMI LAVANYA (15P31A04F1), CHENNAPRAGADA PHANIRAJ TEJA (15P31A04C6), VIPPARTHI S S S N V L D PRASANNA (15P31A04H5), Miss ROBBI N V S K VAISHNAVI (15P31A04G4) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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CERTIFICATE


This is to certify that Project report entitled “**DESIGN AND IMPLEMENTATION OF REAL TIME PICK AND PLACE ROBOT CONTROLLED BY HAND GESTURE**” is being submitted by **DANDU LAXMI MOUNIKA (15P31A04C8), DEVALLA RAMESH (15P31A04C9), BHAMIDI KAMESWAR (15P31A04C4), SHAIK GANISHID (15P31A04G6)** in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019.


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This is to certify that Project report entitled “HIGH SPEED VLSI ARCHITECTURE FOR SQUARING BINARY NUMBER USING YAVADUNAM SUTRA AND BIT REDUCTION TECHNIQUE” is being submitted by KOTHA GOWRI PARVATHI (15P31A04E4), MADDIKA PRIYANKA REDDY (15P31A04E9), KARRI SWAMY (16P350417), YANNAMAREDDI KUSUMA KOMALI (15P31A04H8) in the partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic period of 2018-2019

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This is to certify that Project report entitled "IDENTIFICATION OF BRAIN TUMOR USING IMAGE PROCESSING TECHNIQUES" is being submitted by KANDULA SUREKHA (15P31A04E2), GUNDARAPU LAKSHMAN (15P31A04D6), NAGIREDDY JYOTHIBABU (16P35A0419), VARASALA VENKATA PRUDHVI RAJ (15P31A04H2) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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This is to certify that Project report entitled "DESIGN AND IMPLEMENTATION OF SMART ENERGY METER USING IOT" is being submitted by INAPAKURTI BHARGAVI (15P31A04D9), VEGISETTI VENI (15P31A04H4), MUTYA JAGANNADHA SHARMA (15P31A04E8), VARDHINEEDI SATWANTH NAIDU (15P31A04H3) in the partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic period of 2018-2019


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This is to certify that Project report entitled "DESIGN AND IMPLEMENTATION OF THEFT INFORMATION AND TRACKING OF VEHICLES USING IOT" is being submitted by GADIGATLA PRASANNA LAKSHMI (15P31A04D4), Miss GUTTULA VINEELA (15P31A04D7), JOGA MURALI SAI TEJESWAR (15P31A04E1), GORRELA PAVAN AMAR MANIKANTA (15P31A04D5) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019

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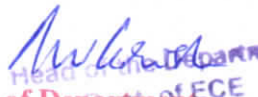
This is to certify that Project report entitled “**DESIGN AND IMPLEMENTATION OF BI PEDAL ROBO USING IOT**” is being submitted by **DUNDI GNANA PRASOONA(15P31A04D2), YELESETTI SRI VENKATA VAMSI TEJA(15P31A04I0), PULAGAM ABHINANDAN REDDY(15P31A04G0), CHOKKA SOLOMON RAJU(15P31A04C7), VKVSSAHSOURABH(15P31A04H6)** in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019.


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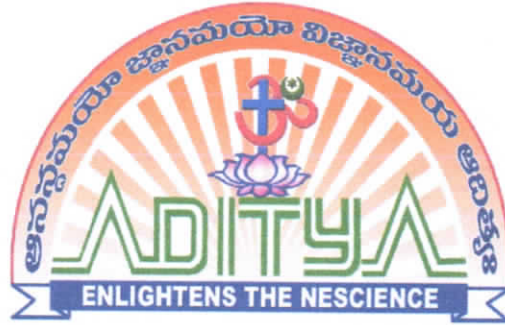
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This is to certify that Project report entitled “**DESIGN AND IMPLEMENTATION OF MULTISTAGE LOCKER SECURITY SYSTEM**” is being submitted by KUCHIPUDIPRANITHA(15P31A04E6), KOLLI GNAPIKA SATHYA SAI KUMARI(15P31A04E3), SURISSETTI BINDU NAGA ALEKHYA(15P31A04G7), YENDAMURI CHAITANYA SAI BHUPATHI(13P31A04J0) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019


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This is to certify that Project report entitled “**DESIGN AND IMPLEMENTATION OF STAIR CLIMBING ROBOT**” is being submitted by CHELLUBANI VANDANA SIRISHA(15P31A04C5),DUDALA MADHURI MALLESWARI(15P31A04D0),AKULA DURGA SAIRAM CHANDU (16P350415),TEKI NAGA SIVA(15P31A04G8)in the partial fulfillment of the requirement for the award of the degree of**BACHELOR OF TECHNOLOGY**in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019.


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This is is to certify that Project report entitled **"CONTENT BASED IMAGE RETRIEVAL USING COLOR AND TEXTURE FEATURES"** is being submitted by MONDI HEMA LATHA (15P31A04F2), RITESH SHEKHAR (15P31A04G3), AYUSH CHAUBEY (15P31A04C3), PEPAKAYALA SURYA DURGA PRASAD (15P31A04F9) in the partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** during the academic period of 2018-2019.


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