

# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Permanently Affiliated to JNTUK, Approved by AICTE, Accredited by NAAC)

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “**STO Estimation and Anakysis in OFDM System**” is being submitted by VANKA HARISHITA (14P31A04I1), NUNNA VENKATA SAI TEJA (14P31A04K2), YEDLA MOUNIKA (14P31A04F4), POKALA ANNAPURNA (14P31A04G7), TATAPUDI VYASA VENKATA RAMA KRISHNA (14P31A04H8) 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 2017-2018.

**Project Guide**

Mr. RELANGI ANIL KUMAR, M.Tech.

Assistant Professor

Dept. of ECE

**Head of Department**

Mr. R. V. KRISHNA, M.Tech, (Ph.D).

Aditya College of  
Engineering & Technology

SURAMPalem 533 437

Dept. of ECE

EXTERNAL EXAMINER

# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Permanently Affiliated to JNTUK, Approved by AICTE, Accredited by NAAC)

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE


This is to certify that Project report entitled “Room Automation using IOT” is being submitted by SETTALURI NANDA GOPALAN (15P35A0418), VELISETTI LAKSHMANA SWAMY (14P31A04J4), JONNADA RAMA VEERA VENKATA DURGA (15P35A0417), KOVVURI SATISH REDDY (14P31A04G9), PADALA SANTOSH (14P31A04D8) 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 2017-2018.

  
**Project Guide**

**Mr. KUNDA PARVATEESAM, M.Tech**

**Assistant Professor**

**Dept. of ECE**

  
**Head of Department**  
**Mr. R. V. V. KRISHNA, M.Tech (Ph.D).**  
**Professor & HOD**

**Dept. of ECE**



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### CERTIFICATE

This is to certify that Project report entitled “Room Automation using IOT” is being submitted by SETTALURI NANDA GOPALAN (15P35A0418), VELISETTI LAKSHMANA SWAMY (14P31A04J4), JONNADA RAMA VEERA VENKATA DURGA (15P35A0417), KOVVURI SATISH REDDY (14P31A04G9), PADALA SANTOSH (14P31A04D8) 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 2017-2018.

  
**Project Guide**

**Mr. KUNDA PARVATEESAM, M.Tech**  
Assistant Professor  
Dept. of ECE

  
**Head of Department**  
Dept. of ECE  
**Mr. R. V. V. KRISHNA, M.Tech (Ph.D.)**  
Professor & HOD  
Dept. of ECE

  
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### CERTIFICATE

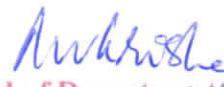
This is to certify that Project report entitled “The Comparative study of split ring resonator using Microstrip Antenna” is being submitted by SETTALURI NANDA GOPALAN (14P31A04H4), VELISETTI LAKSHMANA SWAMY (14P31A04I6), JONNADA RAMA VEERA VENKATA DURGA (14P31A04D9), KOVVURI SATISH REDDY (14P31A04J5), PADALA SANTOSH (14P31A04G0) 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 2017-2018.

  
Project Guide

Mr. K L V PRASAD, M.Tech

Assistant Professor

Dept. of ECE

  
Head of Department  
Dept. of ECE  
Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).  
Professor & HOD  
Engineering & Technology  
RAMPALAM 533 437

Dept. of ECE



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### CERTIFICATE

This is to certify that Project report entitled “**Real Time Water Sprinkling System**” is being submitted by RANGANADHAM SAI POORNIMA (14P31A04H0), PALLA SURENDRA (14P31A04J9), BADDI SABARI GIRISH KUMAR (15P35A0415), MAMIDIPALLI V V D SANTHOSH TRINADHRKHADE (14P31A04F2), MALLIDI DURGA BHAGAVAN REDDY (14P31A04F1) 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 2017-2018.

  
**Project Guide**

Miss CH ARUNA JYOTHI, M.Tech.

Assistant Professor

Dept. of ECE

  
**Head of Department**

Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).

Professor & HOD

Dept. of ECE



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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “An Efficient Verilog code for Removal Impulse in image by using Edge Preserving Filter” is being submitted by KANTIPUDI SUSHMA PRIYANKA (14P31A04E0), NANDURI ANITHA (14P31A04F8), ALLAM SRI LAKSHMI (14P31A04K3), LOKANADHAM KASHYAPI (15P35A0420), RAHUL SUNDARESAN (14P31A04I4) 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 2017-2018.

  
Project Guide

Mr. TALAMALA ANJIAH, M.Tech

Assistant Professor

Dept. of ECE

  
Head of Department

Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).

Professor & HOD

Dept. of ECE



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### CERTIFICATE

This is to certify that Project report entitled “**Design and implementation of Smart Dust Bin**” is being submitted by KANDULA LAKSHMI SUNANDA (14P31A04K0), YELLATURI AJAY KUMAR (14P31A04I7), PAGADALA MANOJ (14P31A04G1), MALIREDDI NARAYANARAO (14P31A04F0), MADIREDDY SIVAPRASAD (14P31A04E9) 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 2017-2018.

**Project Guide**

Mr. GOLI LAVAKUSA, M.Tech

Assistant Professor

Dept. of ECE

**Head of Department** Department  
Dept. of ECE

Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).  
Engineering & Technology

Professor & HOD PALEM 533 437

Dept. of ECE

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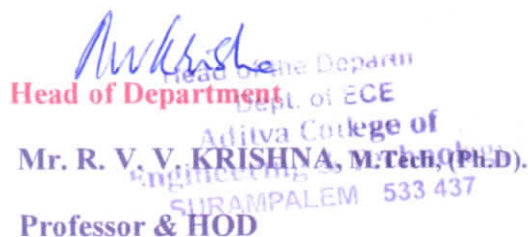
This is to certify that Project report entitled “Image classification using Weber Local Descriptor and Color Moments” is being submitted by VAIBHOGULA SAI MOUNIKA (14P31A04I0), SIVVA RUPA RANI (14P31A04H6), PARVATHINA THARUN KUMAR (14P31A04G4), MANDARAPU VEERA BHADRA SRINIVAS SRIKANTH (14P31A04F3), GOLUGURI NARAYANA REDDY (14P31A04D7) 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 2017-2018.

  
Project Guide

Mr. DANNINA KISHORE, M.Tech

Associate Professor

Dept. of ECE

  
Head of Department  
Dept. of ECE  
Aditya College of  
Engineering & Technology  
SURAMPalem 533 437

Professor & HOD

Dept. of ECE



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### CERTIFICATE


This is to certify that Project report entitled “**Design and Implementation of BUS Monitoring system**” is being submitted by YELISETTI SAI KRANTHI (14P31A04I3), MANDAPAKA RAGHU (14P31A04K1), PEMMANABOYIDI VIJAYA LAKSHMI (14P31A04G6), SEELAM CHARISHMA (14P31A04H3), KOPPISETTI SHIVANAGALAKSHMI (14P31A04E5) 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 2017-2018.

  
**Project Guide**

Mr. KUNDA PARVATEESAM, M.Tech

Assistant Professor

Dept. of ECE

  
**Head of Department**  
Dept. of ECE  
Aditya College of Engineering & Technology  
Pampalem 533 437

Mr. R. V. V. KRISHNA, M.Tech (Ph.D.)

Professor & HOD

Dept. of ECE



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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “**Design and Implementation of IVR System**” is being submitted by KOVVURI PRIYANKA (14P31A04E7), PASUMARTHI VENKATA KALYANI (14P31A04G5), AKULA SRI CHARAN (14P31A04J8), PALAPARTHI DEVI MANIKANTA (14P31A04G2), GANGULA VEERA VENKATA NAGA BHUSHANACHARI (14P31A04I5) 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 2017-2018.

*M. Prasanth*  
**Project Guide**

Mr. Mr. MARRI PRASANTH, M.Tech

Assistant Professor

Dept. of ECE

*R.V.V. Krishna*  
**Head of Department**  
Dept. of ECE  
Aditya College of  
Engineering & Technology  
SURAMPalem 505 431

Mr. R.V.V. KRISHNA, M.Tech (Ph.D).

Professor & HOD

Dept. of ECE

*[Signature]*  
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### CERTIFICATE

This is to certify that Project report entitled “**Channel Estimation in OFDM systems**” is being submitted by KOLLURI SAI SUPRIYA (14P31A0494), JAKKA SAI JANARADHAN RAO (14P31A086), UTLA CHINA VEERRAJU (14P31A04C2), SATTI HEMANTH KUMAR REDDY (14P31A04B4), DEVALLA VIJAYA (14P31A0478) 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 2017-2018.

**Project Guide**

**Mr. P SIVA GANGADHAR**

**Assistant Professor**

**Dept. of ECE**

**Head of Department**

**Mr. R. V. V. KRISHNA, M.Tech (Ph.D).**

**Professor & HOD**

**Dept. of ECE**

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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE


This is to certify that Project report entitled “**Design and Implementaion of Voice to Text Conversion system**” is being submitted by MADDULA TEJASREE SAI NIHARIKA (15P35A0410), MEDAVARAPU CHANDRASEKHAR (14P31A04A0), THOTA RAJESH (15P35A0413), MUTYALA PRAVEEN KUMAR (14P31A04A4), ANNAMDEVULA SAI SUMANTH (14P31A0469) 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 2017-2018.

  
**Project Guide**

Mr. T Anjibabu, M.Tech

Assistant Professor

Dept. of ECE

  
**Head of Department**  
Mr. R. VENKATKRISHNA, M.Tech, (Ph.D).  
SURAMPalem 533497

Professor & HOD

Dept. of ECE



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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “Power Allocation Through water filling Algorithm” is being submitted by SIDDELLA PUSHPALATHA(14P31A0408), KARRI RADHA KUMARI(14P31A0492), DONTAMSETTY SATYA SRI(14P31A04D3), SHUBHAM KUMAR(14P31A0487), DOMMETI PAVAN KUMAR(14P31A0479) 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 2017-2018.

**Project Guide,**

Mr. R ANIL KUMAR, M.Tech

Assistant Professor

Dept. of ECE

**Head of Department,**

Mr. R. V. V. KRISHNA, M.Tech (Ph.D).

Professor & HOD

Dept. of ECE

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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE


This is to certify that Project report entitled “Implementation of Real Time Attendance system” is being submitted by TUMMALAPALLI PAVANI(14P31A04A9), BATTINENI PRUDHVI(14P31A04C5), GADEY NARASIMHA AKHIL(14P31A0480), CHODARAJU SATYA VENKATA SANJYA VARMA(14P31A0473), PENUMATSA VASAVI(14P31A04C1) 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 2017-2018.

  
Project Guide

Mr. DANNINA KISHORE, M.Tech

Associate Professor

Dept. of ECE

  
Head of Department  
Dept. of ECE  
Aditya College of Engineering & Technology  
SURAMPALLEM - 506023

Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).

Professor & HOD

Dept. of ECE



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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “Speech Compression and Enhancement using DWT Algorithm” is being submitted by POLUPARTHI BHARGAVI MADHURI (14P31A0418), REDLA RAGHU RAM (15P35A0419), VARREY DHANUSH KUMAR (14P31A0412), KOLA VENKATA RATHNAM (14P31A04E2), KAPPALA PAVAN KUMAR (14P31A0422) 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 2017-2018.

**Project Guide**

Mrs. B. V. VIJAYA SRI, M.Tech.

Associate Professor

Dept. of ECE

**Head of Department**

Mr. R. V. V. KRISHNA, M.Tech, (Ph.D.)

Professor & HOD

Dept. of ECE

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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE


This is to certify that Project report entitled “Redundant based multiplier using vedic sutras” is being submitted by MEENAVALLI YAMINI MEHERLAVANYA (14P31A04F5), MOGALI SRAVANI (14P31A04F6), RINKU NAYEK (14P31A04J7), DASARI V V RAVI KUMAR (15P35A0416), KANITHI RAGHAVENDRA (14P31A04H1) 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 2017-2018.

  
Project Guide

Mr. RAMESH RAJA INAKOTI, M.Tech.

Assistant Professor

Dept. of ECE

  
Head of Department  
Dept. of ECE  
Aditya College of  
Engineering & Technology  
KRISHNA, M.Tech. (Ph.D.)  
SURAMPalem 535 459

Professor & HOD

Dept. of ECE

  
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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “**Design and Implementation of BUS Monitoring system**” is being submitted by DUDALA SRIKANTH (14P31A04J1), PARVATHA R S ANANTHA LAKSHMI (14P31A04G3), SIRIGINEEDI SATHI RAJU (14P31A04H5), KOTHAPALLI SATYA SAI KRISHNA (14P31A04E6), KUCHU MEGHASAINAT (14P31A04E8) 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 2017-2018.

#### Project Guide

Mr. T BALA PRASAD, M.Tech.

Assistant Professor

Dept. of ECE

#### Head of Department

Mr. R. V. V. KRISHNA, M.Tech. (Ph.D.)

Professor & HOD

Dept. of ECE

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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “Zigbee based notice board” is being submitted by SALADI BHARATHI (14P31A04J3), NUNEY BHARGAVI (14P31A04F9), KARRI ANUSHA (14P31A04E1), VUTA VENKATA KRISHNA (14P31A04F2), KOTTE SAI ABHISHEK VARMA (14P31A04K4) 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 2017-2018.

*S V Kiran*

**Project Guide**

Mr. S V KIRAN, M.Tech

Assistant Professor

Dept. of ECE

*R. V. V. Krishna*

**Head of Department**  
Head of the Department  
Dept. of ECE

Mr. R. V. V. KRISHNA, M.Tech (Ph.D.)

Professor & HOD

Dept. of ECE

*[Signature]*

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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE


This is to certify that Project report entitled “**Design of Double precision Multiplier using Verilog**” is being submitted by **SUSMITA SAHA (14P31A04H7)**, **GARAGA JNANESWARA GOVINDA RAJKUMAR (14P31A04D6)**, **EEARLE MANIKUMAR (14P31A04D5)**, **KONDAMURI SRI SAI SURENDRA RAJA (14P31A04E4)**, **KAMIDI SABHAPATI PAUL RAKSHIT (14P31A04J0)** 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 2017-2018.

  
**Project Guide**

**Mr. TALAMALA ANJIAH, M.Tech**

**Assistant Professor**

**Dept. of ECE**

  
**Head of Department**  
Head of the Department  
of ECE  
Aditya College of  
Engineering & Technology  
SURAMPALAM

**Mr. R. V. V. KRISHNA, M.Tech (Ph.D).**

**Professor & HOD**

**Dept. of ECE**



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### CERTIFICATE

This is to certify that Project report entitled “Air Pollution Management system using IOT” is being submitted by DAMMALA SRIKAVYA(14P31A0476), CHEKKA NAGAPRASAD(14P31A04C9), IMMADI NAVEEN SAI KRISHNA MOHAN(15P35A0484), KATTOJU VEERA VENKATA DURGA PRASAD(15P35A0409), BUDDE RAGA MOULI(14P31A0472) 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 2017-2018.

**Project Guide**

Miss THEPPALA DEVI, M.Tech

Assistant Professor

Dept. of ECE

**Head of Department**

Mr. R. V. KRISHNA, M.Tech, (Ph.D).

Professor & HOD

Dept. of ECE

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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### CERTIFICATE

This is to certify that Project report entitled “Source Signal Detection using Gaussian Process” is being submitted by GADIYARAM SAI SREE(14P31A0481), NEELAM SRI RATNA NIHARIKA(14P31A04A6), TATAVOLU VENKATESH(15P35A0412), CHANDALLA SAIRAM CHOWDARY(14P31A04C7), KOPPISETTI SRI SATYA VENKATA RAMANA(14P31A0495) 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 2017-2018.

**Project Guide**

Mrs. B.V. VIJAYSRI, M.Tech (Ph.d)

Associate Professor

Dept. of ECE

**Head of Department**

Mr. R. V. V. KRISHNA, M.Tech (Ph.D)

Professor & HOD

Dept. of ECE

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### CERTIFICATE

This is to certify that Project report entitled “Implementation of Real Time Attenedance system” is being submitted by LAKKIMSETTY PREM KUMAR(14P31A0488), ABBINA RAMYA(14P31A04C4), SIDDIREDDI RAVI SHANKAR(14P31A04B6), DESINA VAMSI(14P31A0477), MOHAMMED MAZHARULLAH MUNEEB(14P31A04A1) 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 2017-2018.

  
**Project Guide**

Miss PADAGALA APURVA, M.Tech

Assistant Professor

Dept. of ECE

  
**Head of Department**

Mr. R. V. V. KRISHNA, M.Tech (Ph.D).

Professor & HOD

Dept. of ECE

  
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This is to certify that Project report entitled “Performance Evolution of Image Comression using DWT and FFT” is being submitted by CHAVVA SAI KRISHNA(14P31A04C8), VANAPALLI DURGA SRIVANI(14P31A04D4), RAYI GOWTHAMI RAJEE(14P31A04B0), MOHAN SAI (14P31A04D2), KOVVURI DHANA SANTHA KUMAR REDDY(14P31A0496) 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 2017-2018.

  
**Project Guide**

Mrs. SNEHA M JOSEPH, M.Tech

Assistant Professor

Dept. of ECE

  
**Head of Department**  
Dept. of ECE  
Aditya College of  
Engineering & Technology  
SURAMPalem 533 437

Mr. R. V. KRISHNA, M.Tech, (Ph.D).

Professor & HOD

Dept. of ECE

  
**EXTERNAL EXAMINER**

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### CERTIFICATE


This is to certify that Project report entitled “**Design and implementaion of MEMS based Wheel chair**” is being submitted by **SATHI DEEPA SOWMYAA** (14P31A04B3), **CHITTURI RESHMA** (14P31A04D0), **SUKKA KUMAR SWAMY REDDY** (14P31A04B8), **ROKKAM AKHIL RAGHU VAMSI** (14P31A04B1), 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 2017-2018.

  
**Project Guide**

**Mr. BANDARU DIVAKAR, M.Tech**

**Assistant Professor**

**Dept. of ECE**

  
**Head of Department**  
Head of the Department  
Dept. of ECE  
Aditya College of  
Engineering & Technology  
SURAMPalem 533 437

**Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).**

**Professor & HOD**

**Dept. of ECE**



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### CERTIFICATE

This is to certify that Project report entitled “DFT based OFDM for PAPR Reduction” is being submitted by TALUPULA GANESH BABU(14P31A04B9), MUMMIDI BINDU PRASANNA(14P31A04C6), NALLAMILLI GOWTHAMI BHAVANA(14P31A04A5), SATHI ALEKHYA DEVI(14P31A04B2), VANKALA SRI VISHNU ANAND MANOJ(14P31A04C3) 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 2017-2018.

  
**Project Guide**

Miss CH ARUNA JYOTHI, M.Tech

Assistant Professor

Dept. of ECE

  
**Head of Department**  
Dept. of ECE  
Aditya College of  
Engineering & Technology  
523 437

Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).

Professor & HOD

Dept. of ECE



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### CERTIFICATE

This is to certify that Project report entitled “Comparative study of Microstrip Antenna for T.V Transmission at 10GHZ” is being submitted by MUTTAMREDDY SRIDEVI(14P31A04A3), AMARADI MANI(14P31A0414), KOVVURI MANASA(14P31A0497), BADDEM LEKHA(14P31A0490), MUDRAGALLA D V V S S N T PRIYANKA(14P31A04A2) 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 2017-2018.

**Project Guide**

Mr. K.L.V. Prasad, M.Tech

Assistant Professor

Dept. of ECE

**Head of Department**

Mr. R. V. V. KRISHNA, M.Tech, Ph.D.

Professor & HOD

Dept. of ECE

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### CERTIFICATE

This is to certify that Project report entitled “**Design and implementaion of class room attention system**” is being submitted by GUDIMETLA AMRUTHA(14P31A0482), CHOKKAKULA VEERA ISHWARYA DEEPIKA(14P31A0474), KOLLI ALEKYA(14P31A0493), KANCHARLA VINAY GUPTA(14P31A0489), SODADASI KRISHNA TEJA(14P31A04B7) 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 2017-2018.

*M. Prasanth*  
**Project Guide**

Mr. Marri Prasanth, M.Tech

Assistant Professor

Dept. of ECE

*R. V. V. Krishna*  
**Head of Department**

Head of the Department  
Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).  
Aditya College of Engineering & Technology  
SURAMPalem 533 437

Dept. of ECE

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### CERTIFICATE

This is to certify that Project report entitled “**Design and implementaion of class room attention system**” is being submitted by **PARUCHURI RANGAPUJITHA(14P31A04A8), BODDU RAMA KRISHNA(14P31A0471), GURUBILLI VENKATA SUBBA REDDY(14P31A0483), JAKKA PAVANI(14P31A0485), PAKKURTHI RAJKUMAR(14P31A0411)** 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 2017-2018.

  
**Project Guide**

**Mr. KUNDA PARVATEESAM, M.Tech.**

**Assistant Professor**

**Dept. of ECE**

  
**Head of the Department**

**Mr. R. V. V. KRISHNA, M.Tech, (Ph.D).**

**Professor & HOD**

**Dept. of ECE**

  
**EXTERNAL EXAMINER**