

Chaitanya Bharathi Institute of Technology (A)
Department of Electronics and Communication Engineering
1.3.4: Students undertaking Field Projects/Internships INDEX

M E ESVLSID

Student Name	Roll No.	Page No.
Sureddy Niharika	160122744401	1-2
V K Vagdhish	160122744403	3-5
Kshieerasagara Rakesh	160122744404	6-7
Md. Shafi	160122744405	8-9
Ramagiri Sreeja	160122744406	10-11
Kuthadi Aruna	160122744408	12-13
Hemalatha Munnuru Kapu	160122744409	14-15
A.B.N.P Shirisha	160122744411	16-17

S. V. V. V.





**Chaitanya Bharathi Institute of
Technology**
**Department of Electronics and
Communication Engineering**



VLSI Lab
supported under
MeitY's Chip to Startup Programme
Project: Chip 2 Startup (C2S) Projects

We are pleased to confirm the affiliation of **SUREDDY NIHARIKA** (Roll Number: 1601-22-744-401) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, **SUREDDY NIHARIKA** has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.

Co-Investigating Officer
Sri Dr. D. Krishna Reddy
Professor
Department of ECE

Chief Investigating Officer
Sri. Mohd Ziauddin Jahangir
Assistant Professor
Department of ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial project/dissertation phase I report “**DESIGN OF HIGHLY LINEAR, SUB-mW LNA in 45nm CMOS TECHNOLOGY**” is the bonafide work of Ms. **SUREDDY NIHARIKA** bearing Roll No.1601-22-744-401 of M.E(ES&VLSID) who carried out major (Industrial project dissertation phase II) under my supervision during the academic year 2023-2024.



SIGNATURE

Dr. S. RADHA

Internal Guide

Associate Professor

Department of ECE

Chaitanya Bharathi Institute of Technology


SIGNATURE

Dr. K. VASANTH

HEAD OF THE DEPARTMENT

Associate Professor

Department of ECE

Chaitanya Bharathi Institute of Technology


SIGNATURE

EXTERNAL EXAMINER



**Chaitanya Bharathi Institute of
Technology**
Department of Electronics and
Communication Engineering



VLSI Lab
supported under
MeitY's Chip to Startup Program
Project: Chip 2 Startup (C2S) Projects

We are pleased to confirm the affiliation of **V.K. VAGDHISH** (Roll Number: 1601-22-744-403) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, **V.K. VAGDHISH** has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.

Co-Investigating Officer
Sri Dr. D. Krishna Reddy
Professor
Department of ECE

Chief Investigating Officer
Sri. Mohd Ziauddin
Jahangir
Assistant Professor
Department of ECÉ

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report “STUDY OF MOS LC VCO WITH CROSS COUPLED LOAD” is the Bonafide work of “V.K. VAGDHISH” bearing Roll No: 1601-22-744-403 of M.E (ES&VLSID) who carried out major project under my supervision during the academic year 2023-2024.

SIGNATURE

Sri. MOHD. ZIAUDDIN. JAHANGIR

Assistant professor

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet (V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

EXTERNAL EXAMINER

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report “STUDY OF MOS LC VCO WITH CROSS COUPLED LOAD” is the Bonafede work of “V.K. VAGDHISH” bearing Roll No: 1601-22-744-403 of M.E (ES&VLSID) who carried out major project under my supervision during the academic year 2023-2024.

SIGNATURE

Sri. MOHD. ZIAUDDIN. JAHANGIR

Assistant professor

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet (V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

EXTERNAL EXAMINER




**Chaitanya Bharathi Institute of
Technology**
**Department of Electronics and
Communication Engineering**




VLSI Lab
supported under
MeitY's Chip to Startup Program

Project: Chip 2 Startup (C2S) Projects

We are pleased to confirm the affiliation of **KSHEERASGAR RAKESH** (Roll Number: 1601-22-744-404) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, **KSHEERASGAR RAKESH** has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.


Co-Investigating Officer
Sri Dr. D. Krishna Reddy
Professor
Department of ECE


Chief Investigating Officer
Sri. Mohd Ziauddin Jahangir
Assistant Professor
Department of ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report “DESIGN OF 64-BIT ALU USING PARALLEL PREFIX ADDER AND CONTROL APPLICATION GUI INTERFACE” is the bonafide work of “KSHEERASAGAR RAKESH” bearing Roll No:1601-22-744-404 of M.E (ES&VLSID) who carried out major project under my supervision during the academic year 2023-2024.

SIGNATURE

Dr. D. KRISHNA REDDY

professor

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

EXTERNAL EXAMINER



**Chaitanya Bharathi Institute of
Technology (A)**
Department of Electronics and
Communication Engineering



VLSI LAB

supported under

MeitY's Chip to Startup Program

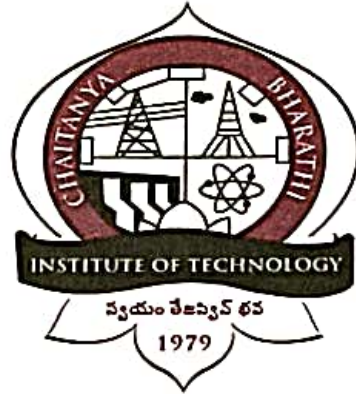
Project: Chip 2 Startup (C2S) Projects

We are pleased to confirm the affiliation of **MD. SHAFI** (Roll Number: 1601-22-744-405) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, **MD. SHAFI** has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.

Co-Investigating Officer
Dr. D. Krishna Reddy
Professor
Department of ECE

Chief Investigating Officer
Sri. Mohd Ziauddin Jahangir
Assistant Professor
Department of ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report “DESIGN AND DEVELOPMENT OF BOMB DETECTION AND DISPOSAL ROBOT WITH GPS LOACTION & LIVE VIDEO STREAMING USING RASPBERRY PI” is the bonafide work of “MD. SHAFI” bearing Roll No:1601-22-744-405 of M.E (ES&VLSID) who carried out major project under my supervision during the academic year 2023-2024.

SIGNATURE

Dr. M. RAMANA REDDY

Assistant professor

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

EXTERNAL EXAMINER



**Chaitanya Bharathi Institute of
Technology**
Department of Electronics and
Communication Engineering

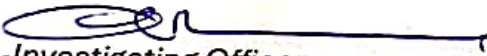


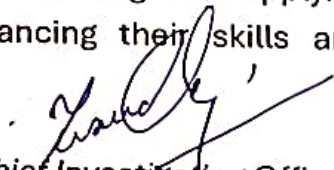
VLSI Lab
supported under



MeitY's Chip to Startup Program
Project: Chip 2 Startup (C2S)
Projects

We are pleased to confirm the affiliation of **RAMAGIRI SREEJA** (Roll Number: 1601-22-744-406) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, **RAMAGIRI SREEJA** has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.


Co-Investigating Officer
Sri Dr. D. Krishna Reddy
Professor
Department of ECE


Chief Investigating Officer
Sri. Mohd Ziauddin Jahangir
Assistant Professor
Department of ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report “**DESIGN AND IMPLEMENTATION OF CML FREQUENCY DIVIDER CIRCUIT**” is the bonafide work of “**RAMAGIRI SREEJA**” bearing Roll No:**1601-22-744-406** of M.E (ES&VLSID) who carried out major project under my supervision during the academic year **2023-2024**.

SIGNATURE

DR.B. KHALEELU REHMAN

Associate professor

Department of ECE

Chaitanya Bharathi Institute of Technology(A)

Chaitanya Bharathi (P.O), Kokapet(V),

Gandipet (mandal),

Ranga Reddy (District),

Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE

Chaitanya Bharathi Institute of Technology(A)

Chaitanya Bharathi (P.O), Kokapet(V)

Gandipet (mandal),

Ranga Reddy (District),

Hyderabad-500075.

SIGNATURE

EXTERNAL EXAMINER



**Chaitanya Bharathi Institute of
Technology**

**Department of Electronics and
Communication Engineering**

VLSI Lab

supported under

***MeitY's Chip to Startup
Programme***

Project: Chip 2 Startup (C2S) Projects



We are pleased to confirm the affiliation of **KUTHADI ARUNA** (Roll Number: 1601-22-744-408) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, **KUTHADI ARUNA** has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.

Co-Investigating Officer
Sri Dr. D. Krishna Reddy
Professor
Department of ECE

Chief Investigating Officer
Sri. Mohd Ziauddin Jahangir
Assistant Professor
Department of ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report “**DESIGN AND Implementation OF Time Amplifier Based Time To Digital Converter Using 180nm Technology**” is the bonafide work of “**KUTHADI ARUNA**” bearing Roll No:1601-22-744-408 of M.E (ES&VLSID) who carried out major project under my supervision during the academic year **2023-2024**.

SIGNATURE

Dr. M. BHANU CHANDRA

Associate professor

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

EXTERNAL EXAMINER



**Chaitanya Bharathi Institute of
Technology**
**Department of Electronics and
Communication Engineering**



VLSI Lab
supported under
MeitY's Chip to Startup Program
Project: Chip 2 Startup (C2S) Projects

We are pleased to confirm the affiliation of **HEMALATHA MUNNURUKAPU** (Roll Number: 1601-22-744-409) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, **HEMALATHA MUNNURUKAPU** has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.

Co-Investigating Officer
Sri Dr. D. Krishna Reddy
Professor
Department of ECE

Chief Investigating Officer
Sri. Mohd Ziauddin Jahangir
Assistant Professor
Department of ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report “DESIGN AND IMPLEMENTATION OF 12 BIT TIME INTERLEAVED PIPELINE SAR HYBRID ADC” is the bonafide work of “HEMALATHA MUNNURUKAPU” bearing Roll No:1601-22-744-409 of M.E (ES&VLSID) who carried out major project under my supervision during the academic year 2023-2024.

SIGNATURE

E. CHANDRASEKHAR

Assistant professor

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Technology(A)Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE
Chaitanya Bharathi Institute of
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

EXTERNAL EXAMINER



**Chaitanya Bharathi Institute of
Technology**
**Department of Electronics and
Communication Engineering**



VLSI Lab

supported under

MeitY's Chip to Startup Programme

Project: Chip 2 Startup (C2S) Projects

We are pleased to confirm the affiliation of A.B.N.P.SIRISHA (Roll Number: 1601-22-744-411) of M.E (ES&VLSID) with Chaitanya Bharathi Institute of Technology (CBIT) through participation in the Chip 2 Startup (C2S) projects. During this period, A.B.N.P.SIRISHA has actively engaged in learning and applying various advanced tools and technologies, further enhancing their skills and expertise in the field of technology and innovation.

Co-Investigating Officer
Dr. D. Krishna Reddy
Professor
Department of ECE

Chief Investigating Officer
Sri. Mohd Ziauddin Jahangir
Assistant Professor
Department of ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



BONAFIDE CERTIFICATE

This is to certify that Industrial Project/Dissertation Phase II report "HARDWARE IMPLEMENTATION OF OPTIMIZED PREDICTIVE MODELS FOR EARLY IDENTIFICATION OF CHRONIC KIDNEY DISEASE USING RASPBERRY PI PICO" is the bonafide work of "A.B.N.P.SIRISHA" bearing Roll No:1601-22-744-411 of M.E (ES&VLSID) who carried out major project under my supervision during the academic year 2022-2024.

SIGNATURE

Dr. N. DHANALAKSHMI

Assistant professor

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

Dr. K. VASANTH

Head of the Department

Department of ECE
Chaitanya Bharathi Institute of Technology(A)
Chaitanya Bharathi (P.O), Kokapet(V),
Gandipet (mandal),
Ranga Reddy (District),
Hyderabad-500075.

SIGNATURE

EXTERNAL EXAMINER