



CERTIFICATE

This is to certify that the SE Project report of
“Square Wave Generator Using IC 741”

Submitted by

Vedanti Abhane (Seat No. : S190343001)

Sakshi Aher (Seat No. : S190343002)

Sneha Akote (Seat No. : S190343003)

Sushma Andhale (Seat No. : S190343005)

Vaishnavi Annadate (Seat No. : S190343006)

Vaibhavi Badane (Seat No. : S190343011)

Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. S. V. Shelke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of **Engineering in Electronics & Telecommunication Engineering** at Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune.

Prof. S. V. Shelke

Guide

Place: Pune

Date: 10/5/2024

Prof. Dr. S. R. Patil

H.O.D. E&TC
Head of the Department
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Pune - 411043



CERTIFICATE

This is to certify that the SE Project report of

“FULL WAVE RECTIFIER”

SUBMITTED BY

UNNATI BILDIKAR (SEAT NO. S190343022)

SAMRUDDHI BUCHADE (SEAT NO. S190343025)

AISHWARYA CHAVAN (SEAT NO. S190343026)

ANJALI CHAVAN (SEAT NO. S190343027)

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Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. S. V. Shelke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of Engineering in **Electronics & Telecommunication Engineering** at Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune-43

Prof. S.V. Shelke

(Guide)

Place: Pune

Date: 10/05/2024

Prof. Dr S. R. Patil

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SAVITRIBAI PHULE PUNE UNIVERSITY , PUNE

YEAR 2023-24

CERTIFICATE

This is to certify that the SE Project report of

“CLAP SWITCH USING IC555”

SUBMITTED BY

JADHAV SAKSHI BALASAHEB (SEAT NO. S190343175)

JADHAV SAKSHI BALU (SEAT NO. S190343176)

JADHAV SNEHA RAMHARI (SEAT NO. S190343070)

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Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. P.R.YAWLE** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of **Engineering in Electronics & Telecommunication Engineering** at Bharati Vidyapeeth's College of Engineering for Women , Dhankawadi , Pune-4


Prof .P. R. Yawle

Guide

Place: Pune

Date: 10/5/2024


Prof. Dr. S. R. Patil

Head of the Department
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B.V.'s College of Engineering for Women
Pune - 411043



CERTIFICATE

This is to certify that the SE project report of
“Music Rhythm LED Flashlight Circuit”

Submitted by

Anjali Kadam (Seat number: S190343084)

Janhvi Kadam (Seat number: S190343079)

Siddhi Jaiswal (Seat number: S190343076)

Vaishnavi Jaiswal (Seat number: S190343077)

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Shrushti Joshi (Seat number: S190343083)

Of SE (Electronics and Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. P. R. Yawle** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of **Engineering in Electronics and Telecommunication Engineering** at Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune-43

Prof. P. R. Yawle

Guide

Place: Pune

Date: 10/5/2024

Prof. Dr. S. R. Patil

HOD E&TC
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Pune - 411043



CERTIFICATE

This is to certify that the SE Project report of

“Inverting and Non-inverting Amplifier”

Submitted by

Srushti Shirke (Seat No. : S190343203)

Siddhi Sondkar (Seat No. : S190343201)


Subhrangana Rout (Seat No. : S190343204)

Manasi Surangalikar (Seat No. : S190343205)

Nikita Suryavanshi (Seat No. : S190343207)

Mrunal Suryawanshi (Seat No. : S190343208)

Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. R. J. Sapkal** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of **Engineering** in **Electronics & Telecommunication Engineering** at Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune-43

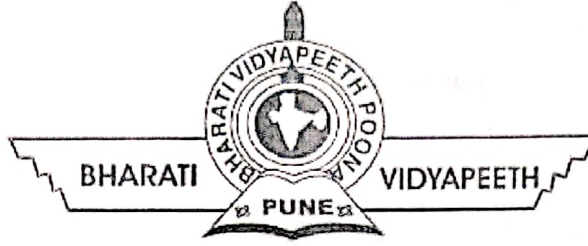

Prof. R. J. Sapkal
(Guide)

Place: Pune

Date:


Prof. Dr. S. R. Patil

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CERTIFICATE

This is to certify that the SE Project report of

DESIGN AND IMPLEMENT DIGITAL TO ANALOG CONVERTER

Submitted by

Anushka Nigade(S190343134) 21218

Sayali Navale(S190343131) 21215

Spandan Nagarkar(S190343127) 21213

Shivani Satish Nawade (S190343132) 21216

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Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. Pranali R.Yawle** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of **Engineering in Electronics & Telecommunication Engineering** at Bharati Vidyapeeth's College of Engineering for Women , Dhankawadi , Pune-43

Prof. Pranali R. Yawle

Guide

Place: Pune

Date: 4/5/24

Prof. Dr. S. R. Patil

H. O. D E&TC

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Pune - 411043



CERTIFICATE

This is to certify that the SE Project report of

“Binary to Gray Converter”

Submitted by

Madhura Pawar (Seat No. : S190343155)

Pradnya Pawar (Seat No. : S190343157)

Vaishnavi Pawar (Seat No. : S190343158)

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SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of Prof.(Dr.)S.S.Salunkhe and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of Engineering in Electronics & Telecommunication Engineering at Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi , Pune-43

Prof.(Dr.)S.S.Salunkhe

Guide

Place: Pune

Date: 30/04/2024

Prof. Dr. S. R. Patil

H.O.D E&TC

Head of the Department
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Pune - 411043



CERTIFICATE

This is to certify that the SE Project report of

“Inverting Amplifier Using IC 741”

Submitted by

21201 – Nidhi Kulkarni (S190343109)

21202 – Sanika Kulkarni (S190343180)

21203 – Dikeshwari Lade (S190343112)

21204 – Madhura Mandlik (S190343114)


21205 – Sakshi Mante (S190343116)

21206 – Shruti Memane (S190343118)

Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. P. R. Yawle** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of **Engineering in Electronics & Telecommunication Engineering** at Bharati Vidyapeeth’s College of Engineering for Women , Dhankawadi , Pune-43.


Prof . P.R.Yawle

(Guide)


Prof . Dr . S.R.Patil

Head of the Department
Electronic & Tele Communication
B.V.'s College of Engineering for Women
Pune - 411043



CERTIFICATE

This is to certify that the SE Project report of

“Inverting and Non-inverting Amplifier”

Submitted by

Srushti Shirke (Seat No. : S190343203)

Siddhi Sondkar (Seat No. : S190343201)


Subhrangana Rout (Seat No. : S190343204)

Manasi Surangalikar (Seat No. : S190343205)

Nikita Suryavanshi (Seat No. : S190343207)


Mrunal Suryawanshi (Seat No. :S190343208)

Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. R. J. Sapkal** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of **Engineering in Electronics & Telecommunication Engineering** at Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune-43


Prof. R. J. Sapkal
(Guide)

Place: Pune

Date:


Prof. Dr. S. R. Patil

(H.O.D. E&TC)
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Pune - 411043



Bharati Vidyapeeth's College of Engineering for Women

Katraj Dhankawadi, Pune – 43

This to certify that,

21167:-VEDANGI KHARADE (S19034102)

21168:-PURVA KHARCHE (S190343103)

21169:-SHIVANI KOKATE (S190343104)

21170:-PRAGATI KOLI (S190343105)

21171:-SANIA KOTHALE (S190343107)

21172:-SHRUSTI BHUTKAR (S190343020)

Have completed the PBL project titled “WATER LEVEL INDICATOR” in partial fulfillment of the requirements for the degree of Bachelor of Engineering in the Department of Electronics and Telecommunication of Savitribai Phule Pune University during the academic year 2023-24

Date : 30/4/24

Place: Pune

PROF.S.M.Thorat

(Guide)

Prof. Dr. S. R. Patil

(HOD)

Head of the Department
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CERTIFICATE

This is to certify that the SE Project report of

“MOSFET CS amplifier ”

Submitted by

Paalvi Ninawe (Seat No. : S190343136)

Nisha Dhotre (Seat No. : S190343137)

Rutuja Ohol (Seat No. : S190343139)

Shrushti Paimode (Seat No. : S190343140)

Vrushti Pandit (Seat No. : S190343142)

Nishtha Parande (Seat No. : S190343143)

Of SE (Electronics & Telecommunication Engineering) is a bonafide work carried out by them under the guidance of **Prof. S. S Salunkhe** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University of Engineering in Electronics & Telecommunication Engineering at Bharati Vidyapeeth's College of Engineering for Women'Dhankawadi,Pune-43

Prof. Dr S. S. Salunkhe

Guide

Place:Pune

Date: 30/4/24

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