



Charge Couple Device (CCD)

Dissertation Report : Submitted to – Department of Physics Kumaun
University S S J V G P G COLLEGE
RANIKHET ALMORA
(UTTRAKHAND)

Roll Number ÷ 190160710003

Submitted By :

Dhananjay Belwal

M.Sc IV Semester
Department of Physics Kumaun
University S S J V G P G COLLEGE
RANIKHET ALMORA

Supervisor :

Dr. D.K. UPRETI

Department of Physics Kumaun
University S S J V G P G COLLEGE
RANIKHET ALMORA

CERTIFICATE

It is certified that the work contained in the project dissertation entitled "Charge coupled device (CCD)" by "Dhananjay Belwal" in partial fulfillment of the requirements for the award of the degree of masters in Physics, has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

Prof. Dr. D.K. UPRETI
(Department of Physics)

A handwritten signature in red ink, appearing to be 'A. Kumar', is written over a long, thin horizontal red line.

**DISSERTATION REPORT SUBMITTED
TO KUMAUN UNIVERSITY NAINITAL
FOR THE DEGREE OF
MASTER OF SCIENCE
IN PHYSICS (2021)**

SUBMITTED BY :

ANCHAL RAUTELA (M.Sc. IV SEM)

ROLL NO. - 190160710007

ENROLLMENT NO.- KU14060259

SUBMITTED TO:

DR.VIJAY KUMAR BISHT

(PROFFESOR, DEP.OF PHYSICS)

**UNDER THE SUPERVISION OF DR.VIJAY KUMAR BISHT
GOVT. P.G.COLLEGE RANIKHET, ALMORA**

CERTIFICATE

It is certified that the work contained in the project dissertation entitled "OPTICAL FIBRE" by "ANCHAL RAUTELA", in partial fulfilment of the requirements for the award of the degree of Masters in Physics, has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

Signature of Supervisor

Name: DR. Vijay Kumar Bisht.

DEPARTMENT OF PHYSICS



COMBINATIONAL AND SEQUENTIAL CIRCUITS

**A DISSERTATION SUBMITTED
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
MASTERS IN PHYSICS**

BY

1

Hema Kandpal

190160710008

**TO THE
DEPARTMENT OF PHYSICS
GOVERNMENT POST GRADUATE COLLEGE RANIKHET**

Sep-2021

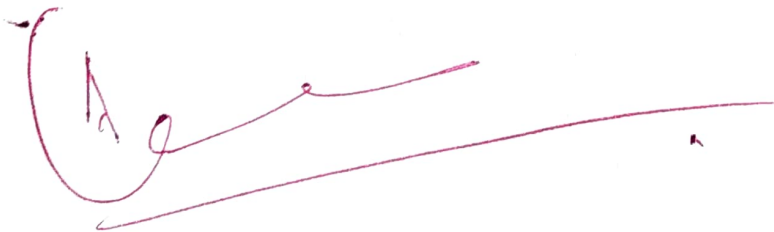
CERTIFICATE

It is certified the work contained in the project dissertation entitled "Combinational and Sequential Circuits", by Hema Kandpal, in partial fulfillment of the requirements for the award of the degree of masters Physics, has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

4

Dr. Vijay Bisht

Department of Physics

A handwritten signature in red ink, appearing to be 'Vijay', is written across the bottom of the page.

A study of Microprocessor 8085

A dissertation submitted in partial fulfillment of
the requirements for the degree of Master in Physics

by

Mohit Singh Adhikari

Roll No. 190160710005

To the

DEPARTMENT OF PHYSICS
GOVERNMENT POST GRADUATE COLLEGE RANIKHET
(ALMORA)

2021

Certificate

It is certified that the work contained in the project dissertation entitled “**A study of Microprocessor 8085**” by Mohit, in partial fulfillment of the requirements for the award of the degree of Masters in Physics, has been carried out under my supervision and that work has not been submitted elsewhere for a degree.

Vijay Kumar Bisht

A handwritten signature in red ink, appearing to be 'Vijay Kumar Bisht', written in a cursive style.

A study of Microprocessor 8085

A dissertation submitted in partial fulfillment of
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by

Mohit Singh Adhikari

Roll No. 190160710005

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Vijay Kumar Bisht

A handwritten signature in red ink, consisting of a large, stylized 'V' followed by a horizontal line and a small flourish.

**DISSERTATION REPORT SUBMITTED
TO KUMAUN UNIVERSITY NAINITAL
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MASTER OF SCIENCE
IN PHYSICS (2021)**

SUBMITTED BY:

MEGHA MEHRA

ROLLNO.: -190160710009

ENROLLMENT NO.: KU15053308

SUBMITTED TO:

DR. VIJAY KUMAR BISHT

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**UNDER THE SUPERVISION OF DR. VIJAY KUMAR BISHT
GOVT. P.G. COLLEGE RANIKHET, ALMORA**

SEPTEMBER 2021

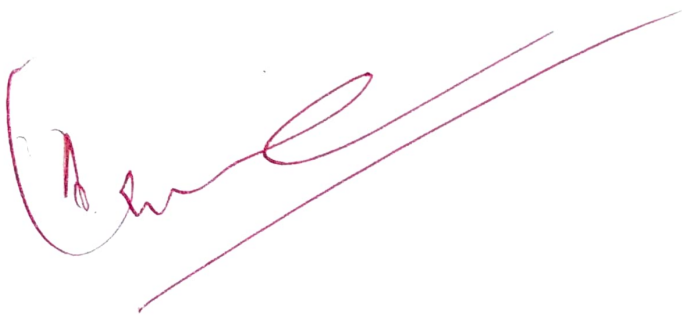
CERTIFICATE

It is certified that the work contained in the project dissertation entitled "integrated circuits", by "Megha Mehra", in partial fulfilment of the other requirements for the award of the degree of Masters in Physics, has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

Signature of Supervisor

Name – Dr Vijay Kumar Bisht

Department of Physics

A handwritten signature in red ink, appearing to read 'Vijay Kumar Bisht', with a long, sweeping horizontal stroke extending to the right.

Operational Amplifier and its Applications

A dissertation submitted
in partial fulfillment of the requirements
for the degree of
Masters in Physics

BY
Rajni karakoti
180160710008

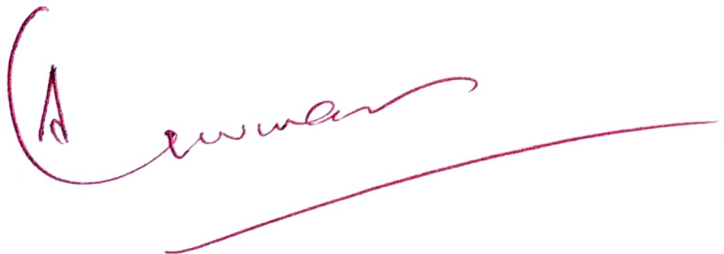
To the
DEPARTMENT OF PHYSICS
GOVERNMENT POST GRADUATE COLLEGE
RANIKHET

2021 - 2022

CERTIFICATE

It is certified that the work contained in the project dissertation entitled " Operational Amplifier and its Applications" , By **Rajni Karakoti**", in partial fulfillment of the requirements for the award of the degree of masters in physics , has been carried out under my supervision and that this work has not Been submitted elsewhere for a degree .

Prof. Vijay Bisht
Department of Physics

A handwritten signature in red ink, appearing to read 'A. Kumar', with a long horizontal flourish extending to the right.

Operational Amplifier and its Applications

A dissertation submitted
in partial fulfillment of the requirements
for the degree of
Masters in Physics

BY
Rajni karakoti
180160710008

To the
DEPARTMENT OF PHYSICS
GOVERNMENT POST GRADUATE COLLEGE
RANIKHET

2021 - 2022

CERTIFICATE

It is certified that the work contained in the project dissertation entitled " Operational Amplifier and its Applications" , By **Rajni Karakoti**", in partial fulfillment of the requirements for the award of the degree of masters in physics , has been carried out under my supervision and that this work has not Been submitted elsewhere for a degree .

Prof. Vijay Bisht
Department of Physics

A handwritten signature in red ink, appearing to read 'A. Kumar', with a long horizontal stroke underneath.

POWER SUPPLY REGULATION

A dissertation Submitted in partial fulfilment of the
Requirements for the degree of master in physics

By
Deepak pant
190160710002



To the
Department of Physics
Government P.G. College
Ranikhet

Declaration

I hereby certify that the work presented in this dissertation entitled “power supply regulation” in partial fulfillment of the requirement for the award of the degree of master in physics is bona fide work carried out by me during the period of June 2021 to august 2021 under the supervision of Dr. Vijay Bisht This work has not been submitted elsewhere for the award of a degree/diploma/certificate.


Deepak Pant

MEMORY AND OPTOELECTRONIC DEVICES

A Dissertation submitted in partial fulfillment
of the requirements for the degree of

MASTERS IN PHYSICS

By

GAURAV BHANDARI

ROLL NO. -190160710004

To

DEPARTMENT OF PHYSICS

GOVERNMENT POST GRADUATE COLLEGE

RANIKHET ,2021

CERTIFICATE

It is to be certified that the work contained in the project dissertation entitled '**MEMORY AND OPTOELECTRONIC DEVICES**', by **Gaurav Bhandari**, in partial fulfillment of the requirements for the award of degree of **MASTERS IN PHYSICS**, has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

Dr. D. K. Upreti
Department of Physics

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Hema Kandpal

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Department of Physics

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DEPARTMENT OF PHYSICS

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