


Department of Physics
Govt. P. G. College Bazpur

Certificate for dissertation of M. Sc. Students for session 2023-24

This is to certify that the Dissertation report submitted to the Department of Physics, Govt. P. G. College Bazpur, in partial fulfillment for the award of the degree of Master in Science in Physics, is a record of bona fide work carried out by the following students, under their supervisor and his guidance.

Roll. No.	Name of Student	Title of dissertation	Name of Supervisor
220320710003	Amandeep Kaur	AI Chips: Construction and Working along with their Potential Future Applications	Dr. Yogesh Chandra
220320710006	Mandeep Kaur	Systems and Circuits of Nanoelectronics	Dr. Aadarsh Kumar Chaudhri

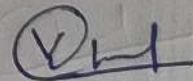
All help received by these from various sources has been duly acknowledged.
No part of this report has been submitted elsewhere for award of any other degree.


Principal

Govt. P. G. College Bazpur

प्राचार्य

राजकीय स्नातकोत्तर महाविद्यालय
बाजपुर (उ०सि० नगर) उत्तराखण्ड



I/c Incharge
Department of Physics
Govt. P. G. College Bazpur

SYSTEMS AND CIRCUITS OF NANO-ELECTRONICS

A DISSERTATION

**Submitted for the Partial Fulfillment of the award of degree
of**

MASTER OF SCIENCE

in

PHYSICS

TO

**Govt . P.G. College Bazpur
(U.S. Nagar Uttarakhand)**



**By MANDEEP KAUR
(Roll no: 220320710006)
(Enr. No: KU22900015)**

**Under the supervision of
Dr. Aadarsh Kumar Chaudhari
H.O.D., Department of Physics
Govt P.G. College, Bazpur (2023-24)**

**Affiliated to
Kumaun University, Nainital, Uttarakhand**

**AI Chips : Construction and Working along with their Potential
Future Applications**

A DISSERTATION

Submitted for the partial fulfillment of the award of degree

of

MASTER OF SCIENCE IN PHYSICS

To

**Govt. P.G. College Bazpur
(U.S. Nagar, Uttarakhand)**



By AMANDEEP KAUR

(Roll No. : 220320710003)

Under the supervision of

DR. YOGESH CHANDRA PANDEY

AND

DR. SANJAY SINGH BISHT

Assistant Professors

Department of Physics

GOVT. P.G. COLLEGE, BAZPUR 2022-24

AFFILIATED TO

KUMAUN UNIVERSITY NAINITAL, UTTARAKHAND

Department of Physics, Kumaun University

3. Semester- III

Course Nature	Course Name	Credits	Marks
Lecture Core Course (LCC) (Including lectures, tutorials, assignments & internal assessment)	LCC11(a-e). Special Paper-I	4	100
	LCC12(a-e). Special Paper-II	4	100
	LCC13. Electrodynamics	4	100
Lecture Elective Course (LEC)	LEC1, LEC2} 2 out of the list enclosed	08 (04 credit each)	200
Practical Course (PC)	PC3. Practical Course – III (including expt. work, data analysis, internal assessment & viva voce)	8	200
Self Study Course (SSC)	SSC2} 1 out of the list enclosed	-	100
Total (L+P+T)		28	800

****Note: Self-study course are non-credit courses and are of qualifying nature only and grades will be provided for the same.**

4. Semester- IV

Course Nature	Course Name	Credits	Marks
Lecture Core Course (LCC) (Including lectures, tutorials, assignments & internal assessment)	LCC14(a-e). Special Paper-III	4	100
	LCC15(a-e). Special Paper-IV	4	100
Lecture Elective Course (EC)	LEC3} 1 out of the list enclosed	04	100
Practical Course (PC)	PC4. Practical Course – IV (including expt. work, data analysis, internal assessment & viva voce)	8	200
Dissertation/Project	DC/PC	08	-
Self Study Course (SSC)	SSC3} 1 out of the list enclosed	-	100
Total (L+P+T)		28	600

****Note: Self-study course are non-credit courses and are of qualifying nature only and grades will be provided for the same.**

Grand Total: Total Credits: 112

Total Marks: 2900

