

**M.Sc.-PHYSICS 2024-25**  
**SEMESTER 4 (PROJECT LIST) EXAM JUN 2025**

1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year 2024-25

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Year of offering	Name of the student studied course on experiential learning through project work/field work/internship
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	NEERAJ SAHU
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	KHILESHWARI
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	GUNJAN SHREE SAHU
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	GULSHAN
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	AKASH YADAV
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	ONIKA CHANDRAKAR
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	PRAVESH KUMAR
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	PALLAVI
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	PUJA BANCHHOR
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	SHIVANI SAHU
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	PREETAM KUMAR
M.Sc.-Physics	M.Sc.-4 sem Physics	Project Work Semester-4	Paper-PROJECT WORK	2024-25	PRATIMA

*Shrey*  
H.O.D.

*Principal*  
Principal  
Govt.C.L.C Arts and Science  
College Patna, Distt, Durg (C.G.)

**A**  
**PROJECT WORK**  
**ON**  
**TRANSMISSION ELECTRON MICROSCOP (TEM)**  
**SUBMITTED TO**  
**HEMCHAND YADAV VISHWAVIDYALAYA, DURG(C.G.)**



In the partial fulfillment of requirement for the award of degree of

**MASTER OF SCIENCE IN PHYSICS**



**GUIDED BY**

**Dr. UGENDRA KUMAR KURREY**  
**ASST. PROFESSOR (PHYSICS)**

**Mr. MANOJ KUMAR SAHU**  
**GUEST ASST. PROFESSOR(PHYSICS)**

**SUBMITTED BY**

**NEERAJ SAHU**  
**ROLL NO.- 2430567009**

**GOVT. CHANDULAL CHANDRAKAR ART & SCIENCE COLLEGE PATAN,**

**DIST.- DURG (C.G.) 491111**

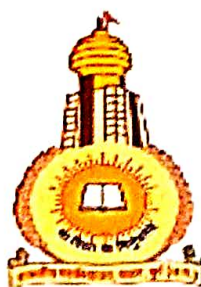
**SESSION- 2024-25**



A  
PROJECT WORK  
ON  
"PHOTOLUMINESCENCE STUDY OF UNDOPED AND 'Ti' DOPED  $ZrO_2$  PHOSPHORS"  
SUBMITTED TO  
HEMCHAND YADAV VISHVAVIDYALAYA, DURG



In the partial fulfillment of requirement for the award of degree of  
MASTER OF SCIENCE  
IN  
PHYSICS



**GUIDED BY**

**Dr. UGENDRA KUMAR KURREY**  
(H.O.D., Asst. Professor, Physics)  
**Mr. MANOJ KUMAR SAHU**  
(Guest Asst. Professor, Physics)

**SUBMITTED BY**

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**GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE P.G. COLLEGE,**  
**PATAN, DIST-DURG [C.G.] 491111**  
**SESSION 2024-25**

A  
PROJECT WORK  
ON  
**"X-RAY DIFFRACTION STUDY OF UNDOPED AND 'Ce' DOPED  
SAMPLE"**

SUBMITTED TO  
HEMCHAND YADAV VISHWAVIDYALAYA, DURG



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**MASTER OF SCIENCE**  
IN  
**PHYSICS**



**GUIDED BY**

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**GOVERNMENT CHANDULAL CHANDRAKAR ARTS & SCIENCE  
COLLEGE, PATAN, DIST.-DURG [C.G.] 491111  
SESSION  
2024-2025**

**A**  
**PROJECT WORK**  
**ON**  
**FIELD EMISSION SCANNING ELECTRON MICROSCOPE (FESEM)**  
**SUBMITTED TO**  
**HEMCHAND YADAV VISHWAVIDYALAYA, DURG(C.G.)**



**In the partial fulfillment of requirement for the award of degree of**  
**MASTER OF SCIENCE IN PHYSICS**



**GUIDED BY**

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**GOVT. CHANDULAL CHANDRAKAR ART & SCIENCE COLLEGE P.G.**

**PATAN, DIST.- DURG(C.G.)491111**

**SESSION- 2024-2025**



**A**  
**PROJECT WORK**  
**ON**  
**FIELD EMISSION SCANNING ELECTRON MICROSCOPE (FESEM)**  
**SUBMITTED TO**  
**HEMCHAND YADAV VISHWAVIDYALAYA, DURG(C.G.)**



**In the partial fulfillment of requirement for the award of degree of**  
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**GUIDED BY**

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**MISS. BHOMIKA DEWANGAN**  
**GUEST LECTURER**

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**DIST.- DURG(C.G.)491111**

**SESSION- 2024-2025**

**SUBMITTED BY**

**AAKASH YADAV**  
**ROLL NO.- 2430567001**

**A**  
**PROJECT WORK**  
**FIELD EMISSION SCANNING ELECTRON MICROSCOPE ( FESEM)**  
**CHARACTERISTICS OF UNDOPED AND EU- DOPED ZrO<sub>2</sub> SAMPLE**  
**SUBMITTED TO**  
**HEMCHAND YADAV UNIVERSITY, DURG**



In the partial fulfillment of requirement for the award of degree of  
**MASTER OF SCIENCE**  
**IN**  
**PHYSICS**



**Under the guidance by**  
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(H.O.D. Asst. Professor, Physics)  
**Mr. MANOJ SAHU**  
(Guest Asst. Professor, Physics)

**Submitted by**  
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Roll No. - 2430567010

**GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE**  
**P.G. COLLEGE, PATAN, DIST-DURG [C.G.] 491111**  
**SESSION**  
**2024-25**

**A  
PROJECT WORK**

**ON**

**"X-RAY Diffractions(XRD) study of undoped and Ti doped ZrO<sub>2</sub>"**

**SUBMITTED TO**

**HEMCHAND YADAV VISHWAVIDYALAYA, DURG(C.G.)**



**In the partial fulfilment of requirement for the award of degree of**

**MASTER OF SCIENCE IN PHYSICS**



**GUIDED BY**

**Dr. UGENDRA KUMAR KURREY  
ASST. PROFESSOR(PHYSICS)**

**Mr. MANOJ KUMAR SAHU  
GUEST ASST. PROFESSOR(PHYSICS)**

**SUBMITTED BY**

**PAVESH KUMAR  
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**GOVT. CHANDULAL CHANDRAKAR ART & SCIENCE COLLEGE PATAN,**

**DIST.- DURG(C.G.)491111**

**SESSION- 2024-2025**



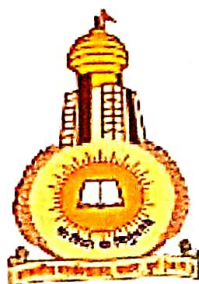
A  
PROJECT WORK  
ON

**"TEM STUDY OF UNDOPED AND 'Ti' DOPED  $ZrO_2$  PHOSPHORS"**

SUBMITTED TO  
HEMCHAND YADAV VISHVAVIDYALAYA, DURG



In the partial fulfillment of requirement for the award of degree of  
**MASTER OF SCIENCE**  
IN  
**PHYSICS**



**GUIDED BY**

**Dr. UGENDRA KUMAR KURREY**  
(H.O.D., Asst. Professor, Physics)

**Mr. MANOJ KUMAR SAHU**  
(Guest Asst. Professor, Physics)

**SUBMITTED BY**

**PALLAVI**

**Roll No. - 2430567011**

**GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE P.G.**  
**COLLEGE, PATAN, DIST-DURG [C.G.] 491111**  
**SESSION 2024-25**

A  
PROJECT WORK  
ON

**"TEM STUDY OF UNDOPED AND 'Ti' DOPED  $ZrO_2$  PHOSPHORS"**

SUBMITTED TO  
HEMCHAND YADAV VISHVAVIDYALAYA, DURG



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**GUIDED BY**

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Mr. MANOJ KUMAR SAHU  
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GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE P.G.  
COLLEGE, PATAN, DIST-DURG [C.G.] 491111  
SESSION 2024-25



**A  
PROJECT WORK  
ON**

**"TEM STUDY OF UNDOPED AND 'Ce' DOPED  $ZrO_2$  PHOSPHORS"**

**SUBMITTED TO  
HEMCHAND YADAV VISHVAVIDYALAYA, DURG**



**In the partial fulfillment of requirement for the award of degree of  
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**GUIDED BY**

**Dr. UGENDRA KUMAR KURREY  
(H.O.D., Asst. Professor, Physics)**

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**GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE P.G.  
COLLEGE, PATAN, DIST-DURG [C.G.] 491111  
SESSION 2024-25**

A  
PROJECT WORK  
ON  
**" P-N JUNCTION DIODE & ZENER DIODE "**  
SUBMITTED TO  
HEMCHAND YADAV VISHVAVIDYALAYA, DURG



In the partial fulfillment of requirement for the award of degree of  
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IN  
**PHYSICS**



**GUIDED BY**

**Dr. UGENDRA KUMAR KURREY**  
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**SUBMITTED BY**

**PREETAM KUMAR**  
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**GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE P.G.**  
**COLLEGE, PATAN, DIST-DURG [C.G.] 491111**  
**SESSION 2024-25**



**A**  
**PROJECT WORK**  
**ON**  
**PNP AND NPN TRANSISTOR**  
**SUBMITTED TO**  
**HEMCHAND YADAV VISHWAVIDYALAYA, DURG(C.G.)**



**In the partial fulfillment of requirement for the award of degree of**  
**MASTER OF SCIENCE IN PHYSICS**



**GUIDED BY**

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**ASST. PROFESSOR (PHYSICS)**

**Mr. MANOJ KUMAR SAHU**  
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**SUBMITTED BY**

**PRATIMA**  
**ROLL NO.- 2430567014**

**GOVT. CHANDULAL CHANDRAKAR ART & SCIENCE COLLEGE PATAN,**

**DIST.- DURG (C.G.) 491111**

**SESSION- 2024-25**