

**A DISSERTATION REPORT
ON
“IONIC BONDING”**

**SUBMITTED BY:
RAHUL SAHOO (19CHE001)**

**UNDER THE GUIDANCE OF:
Prof. Dr. Sasmita Samal
(Head of Department of chemistry)**

Prof. Dr. Sonia

**FOR THE DEGREE OF:
Bachelor of Science in Chemistry**



**GOVERNMENT AUTONOMOUS COLLEGE,
ROURKELA**

**A DISSERTATION REPORT
ON
“COVALENT BOND”**

SUBMITTED BY:

ABHIJIT JENA (19CHE002)

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**A DISSERTATION REPORT ON
“BATTERY”**

SUBMITTED BY:

ANIKET HOTA

(19CHE003)

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**A DISSERTATION REPORT
ON
"LIPIDS"**

SUBMITTED BY:

DEEPTI MAYEE BUDA (19CHE004)

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**A DISSERTATION REPORT
ON
“ENVIRONMENTAL CHEMISTRY”**

SUBMITTED BY:

Sanjay Barwa (19CHE005)

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**A DISSERTATION REPORT
ON
“WATER POLLUTION”**

**SUBMITTED BY:
MONALISA LAKRA**

**UNDER THE GUIDANCE OF:
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**A DISSERTATION REPORT
ON
“COORDINATION
COMPOUNDS”**

SUBMITTED BY:

BIMAL KUMAR PANIGRAHI (19CHE007)

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**A DISSERTATION REPORT
ON
"CLASSIFICATION AND
FUNCTIONALITY OF POLYMER"**

SUBMITTED BY:

Priyanka Bag (19CHE008)

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GOVERNMENT AUTONOMOUS COLLEGE,
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**A DISSERTATION REPORT
ON
CATALYSIS BY ORGANOMETALLIC COMPOUND**

**SUBMITTED BY:
NIKHIL KUMAR DAS
ROLL NO. : 19CHE009**

**UNDER THE GUIDANCE OF
DR. SASMITA SAMAL
(HEAD OF THE DEPARTMENT)
&
DR. SONIA SHARMA**

**FOR THE DEGREE OF
BACHELOR OF SCIENCE IN CHEMISTRY**



2022

**DEPARTMENT OF CHEMISTRY
GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA**

**A DISSERTATION REPORT
ON**

**“BORON CHEMISTRY AND ITS APPLICATION IN CANCER
TREATMENT”**

SUBMITTED BY:

TUSHAR SAHOO (19CHE011)

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Prof. Dr. Sonia Sharma

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**A DISSERTATION REPORT ON
“12 PRINCIPLES OF
GREEN CHEMISTRY”**

SUBMITTED BY:

CHETAN SULTANLA (19CHE012)

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Prof. Dr. Sonia

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A DISSERTATION REPORT

Submitted by:

SOURAV KUMAR PARIDA (19 CHE 013)

TOPIC: AGRO CHEMISTRY

Under the guidance of:

Dr. Sasmita Samal

Head of the Department of Chemistry

AND

Dr. Sonia Sharma



Submitted to: Department of Chemistry

GOVERNMENT AUTONOMOUS COLLEGE

ROURKELA-769004, ODISHA

**A DISSERTATION REPORT
ON
"CHEMISTRY OF DYES"**

**SUBMITTED BY:
SAFALTA KUMARI (19CHE014)**

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Prof. Dr. Sonia

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**A DISSERTATION REPORT
ON
"ORGANOMETALLIC
COMPOUNDS"**

SUBMITTED BY:

Tahreem Akhtar 19CHE015

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Prof. Dr. Sonia

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**Bachelor of Science in Chemistry
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**A DISSERTATION REPORT
ON
“ECOSYSTEM”**

SUBMITTED BY:

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A DISSERTATION REPORT
ON
“ATOMIC STRUCTURE ”

SUBMITTED BY:

Deokumar say (19CHE021)

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Prof. Dr. Sonia

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A DISSERTATION REPORT

ON

"GRIGNARD REAGENTS"

SUBMITTED BY:

MANISH KUMAR SAHU (19CHE022)

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**A DISSERTATION REPORT
ON
"CHEMISTRY IN DAY-TO-DAY LIFE"**

SUBMITTED BY:

SAHIL TIRKEY (19CHE023)

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**A DISSERTATION REPORT
ON
“ENERGY &
ENVIRONMENT”**

SUBMITTED BY:

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**A DISSERTATION REPORT
ON
"ALLOYS"**

**SUBMITTED BY:
SATYESH MOHANTY**

(19CHE026)

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**GOVERNMENT AUTONOMOUS COLLEGE,
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**A DISSERTATION REPORT
ON
“AMINO ACIDS,
PEPTIDES & PROTEINS”**

SUBMITTED BY:

Chandini Pradhan (19CHE027)

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A DISSERTATION REPORT
ON
“Aluminium Industry”

SUBMITTED BY:
DIPTIMAYEE SAHU (19CHE028)

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**A DISSERTATION REPORT
ON
“ENZYMES”**

SUBMITTED BY:
SRIJA MUKHERJEE (19CHE029)

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A DISSERTATION REPORT
ON
“GASEOUS STATE”

SUBMITTED BY:

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PROJECT: CEMENT INDUSTRY

SUBMITTED BY:

JAY KRISHNA ROUL

3RD YEAR 6TH SEM

Roll No-19CHE031

Regd No- 30289/19

**A DISSERTATION REPORT
ON**

“PHARMACEUTICAL COMPOUNDS”

SUBMITTED BY:

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**A DISSERTATION REPORT
ON
“SILICATE INDUSTRY”**

SUBMITTED BY:

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**GOVERNMENT AUTONOMOUS COLLEGE,
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A DISSERTATION REPORT
ON
“Solutions & Colligative
Properties”

SUBMITTED BY:
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