



MENTAL HEALTH INSTITUTE

(Centre of Excellence in Mental Health)

S.C.B. MEDICAL COLLEGE & HOSPITAL, CUTTACK, ODISHA-753007

CERTIFICATE

This is to certify that Mr. / Mrs. / Miss. / Dr. Swarnalata Khatozi

Designation... M.A in Psychology

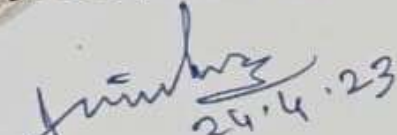
from... Baalki Autonomous College, Bunka

has undergone the training on... Clinical & Counselling Psychology

in the Dept. of Psychiatry / Clinical Psychology / Psychiatric Social Work /

Psychiatric Nursing from 22.03.23 to 21.04.2023

He / She has completed the training successfully. His / Her conduct is satisfactory.


24.4.23
Director-cum-Medical Superintendent
Mental Health Institute



Director-cum-Medical Superintendent
Mental Health Institute
SCB Medical College & Hospital,
Cuttack



DEPARTMENT OF PSYCHIATRY
KALINGA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR

Letter no: -KIIT/KIMS/PSYCHIATRY/ 27/2023

Date : 24/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that , **Narmada Majhi** ,D/o Mr. Nabakishor Majhi, of Banki Autonomous College, Banki, D.O.B :15-02-2001, joined this Department of Psychiatry & Behavioral Sciences ,KIMS as an Intern for clinical observership on 02/04/2023 . She has successfully completed her one month internship on 01/05/2023.

During the process of Internship Ms. Narmada Majhi had been given clinical exposure to care based learning, Psychological Assessments, Counseling techniques, Research Methodology and other Academic activities of the department.

Dr. Sayali Mishra
Asst. Professor
Clinical Psychologist, KIMS

Dr. Sayali Mishra, M. Phil, Ph.D.
Asst. Professor, Clinical Psychology
Reg. No. - RC1/A05381
PBM Hospital (KIMS), Bhubaneswar-24

(Dr. J.P.R. Ravan)
Professor & HOD
PG Department of Psychiatry
KIMS, KIIT University
Bhubaneswar

Professor & HOD
Dept. of Psychiatry
KIMS, BBSR-24
Regd. No.....



**DEPARTMENT OF PSYCHIATRY
KALINGA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR**

Letter no: -KIIT/KIMS/PSYCHIATRY/31/2023

Date : 24/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that , **Jyotirmayee Nayak** ,D/o Mr. Ratnakar Nayak, of Banki Autonomous College, Banki, D.O.B :01-04-2000, joined this Department of Psychiatry & Behavioral Sciences ,KIMS as an Intern for clinical observership on 02/04/2023 . She has successfully completed her one month internship on 01/05/2023.

During the process of Internship Ms. Jyotirmayee Nayak had been given clinical exposure to care based learning, Psychological Assessments, Counseling techniques, Research Methodology and other Academic activities of the department.

Dr. Sayali Mishra
Asst. Professor
Clinical Psychologist, KIMS

Dr. Sayali Mishra, M. Phil, Ph.D.
Asst. Professor, Clinical Psychology
Reg. No - RCWA06381
PBM Hospital (KIMS), Bhubaneswar-24

(Dr. J.P.R. Ravan)
Professor & HOD
PG Department of Psychiatry
KIMS, KIIT University
Bhubaneswar

Professor & HOD
Dept. of Psychiatry
KIMS, BBSR-24
Regd. No.....



MENTAL HEALTH INSTITUTE

(Centre of Excellence in Mental Health)

S.C.B. MEDICAL COLLEGE & HOSPITAL, CUTTACK, ODISHA-753007

CERTIFICATE

This is to certify that Mr./Mrs./Miss./Dr Laxmidra Pradhan
 Designation of M.A. in Psychology
 from Banki Autonomous College, Banki
 has undergone the training on Clinical & Counselling Psychology
 in the Dept. of Psychiatry / Clinical Psychology / Psychiatric Social Work /
 Psychiatric Nursing from 22.03.23 to 21.04.2023

He / She has Completed the training Successfully. His / Her Conduct is Satisfactory.

Trinika
24.4.23

Director-cum-Medical Superintendent
Mental Health Institute



Director-cum-Medical Superintendent
Mental Health Institute
SCB Medical College & Hospital,
Cuttack



MENTAL HEALTH INSTITUTE

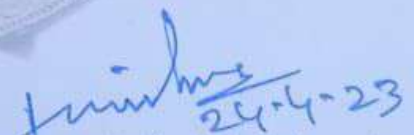
(Centre of Excellence in Mental Health)

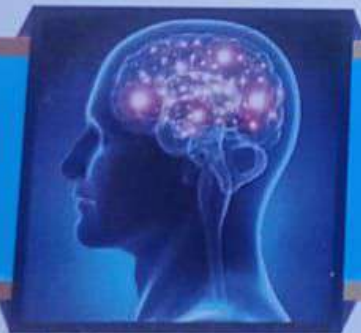
S.C.B. MEDICAL COLLEGE & HOSPITAL, CUTTACK, ODISHA-753007

CERTIFICATE

This is to certify that Mr. /Mrs. / Miss. / Dr. Subhasmita Parida
Designation M.A. in Psychology
from Banki Autonomous College, Banki
has undergone the training on Clinical & Counselling Psychology
in the Dept. of Psychiatry / Clinical Psychology / Psychiatric Social Work /
Psychiatric Nursing from 22.03.23 to 21.04.2023.

He / She has completed the training successfully. His / Her conduct is
satisfactory.


24.4.23
Director-cum-Medical Superintendent



Director-cum-Medical Superintendent
Mental Health Institute
SCB Medical College & Hospital,
Cuttack



DEPARTMENT OF PSYCHIATRY
KALINGA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR

Letter no: -KIIT/KIMS/PSYCHIATRY/ 33/2023

Date : 24/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that , **Jyoshna Rani Sahoo** ,D/o Mr. Kashinath Sahoo, of Banki Autonomous College, Banki, D.O.B :02-05-1999, joined this Department of Psychiatry & Behavioral Sciences ,KIMS as an Intern for clinical observership on 02/04/2023 . She has successfully completed her one month internship on 01/05/2023.

During the process of Internship Ms. Jyoshna Rani Sahoo had been given clinical exposure to care based learning, Psychological Assessments, Counseling techniques, Research Methodology and other Academic activities of the department.

Sayali

Dr. Sayali Mishra
Asst. Professor
Clinical Psychologist, KIMS

Dr. Sayali Mishra M. Phil, Ph.D.
Asst. Professor, Dept. of Psychology
Reg. No. RCI/A0F381
PBM Hospital (KIMS), Bhubaneswar-24

Jayaprakash R. Ravan

(Dr. J.P.R. Ravan)
Professor & HOD
PG Department of Psychiatry
KIMS, KIIT University
Bhubaneswar

Professor & HOD
Dept. of Psychiatry
KIMS, BBSR-24
Regd. No.....



MENTAL HEALTH INSTITUTE

(Centre of Excellence in Mental Health)

S.C.B. MEDICAL COLLEGE & HOSPITAL, CUTTACK, ODISHA-753007

CERTIFICATE

This is to certify that Mr./Mrs./Miss./Dr *Priyali Dey*
Designation of *M.A. in Psychology*
from *Banki Autonomous College, Banki*
has undergone the training on *Clinical & Counselling Psychology*
in the Dept. of Psychiatry / Clinical Psychology / Psychiatric Social Work /
Psychiatric Nursing from *22.03.23* to *21.04.2023*

He / She has Completed the training Successfully. His / Her Conduct is Satisfactory.

Amish
24.4.23

Director-cum-Medical Superintendent

Mental Health Institute

Director-cum-Medical Superintendent

Mental Health Institute

SCB Medical College & Hospital,

Cuttack





DEPARTMENT OF PSYCHIATRY
KALINGA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR

Letter no: -KIIT/KIMS/PSYCHIATRY/ 32/2023

Date: 24/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that , **Sonali Sahoo** ,D/o Mr. Hulia Sahoo, of Banki Autonomous College, Banki, D.O.B :04-06-2001, joined this Department of Psychiatry & Behavioral Sciences ,KIMS as an Intern for clinical observership on 02/04/2023 . She has successfully completed her one month internship on 01/05/2023.

During the process of Internship Ms. Sonali Sahoo had been given clinical exposure to care based learning, Psychological Assessments, Counseling techniques, Research Methodology and other Academic activities of the department.

Dr. Sayali Mishra
Asst. Professor
Clinical Psychologist, KIMS

Dr. Sayali Mishra, M. Phil, Ph.D.
Asst. Professor, Clinic Psychology
Reg. No. - RCI/A08381
PBM Hospital (KIMS), Bhubaneswar-24

(Dr. J.P.R. Ravan)
Professor & HOD
PG Department of Psychiatry
KIMS, KIIT University
Bhubaneswar

Professor & HOD
Dept. of Psychiatry
KIMS, BBSR-24
Regd. No.....

**An Internship Report in Clinical Setting
at
Kalinga Institute of Medical Sciences (KIMS)
Bhubaneswar**



SUBMITTED BY:

AMRUTA PRIYADARSHINI

Exam Roll No -121BACPG26001

**P.G DEPARTMENT OF PSYCHOLOGY
Banki college (Autonomous), Banki**

**AN INTERNSHIP REPORT IN CLINICAL SETTING
AT
S.C.B. MEDICAL COLLEGE AND HOSPITAL**



SUBMITTED BY: -

ASHISH KUMAR JENA

EXAM ROLL NO-121BACPG26002

P.G. DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE(AUTONOMOUS), BANKI

An Internship Report in Clinical Setting
at
Kalinga Institute of Medical Sciences (KIMS)
Bhubaneswar



SUBMITTED BY
BISHNUPRIYA SAHOO
Exam Roll No -121BACPG26003

P.G DEPARTMENT OF PSYCHOLOGY
Banki college (Autonomous), Banki

**AN INTERNSHIP REPORT IN CLINICAL SETTING
AT
S.C.B. MEDICAL COLLEGE AND HOSPITAL, CUTTACK**



SUBMITTED BY:-

CHELSI SWAIN

EXAM ROLLNO- 121BACPG26004

P.G. DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE(AUTONOMOUS),BANKI

AN INTERNSHIP REPORT OF CLINICAL SETTING

AT

**KALINGA INSTITUTE OF MEDICAL SCIENCE
(KIMS)**



SUBMITTED BY:

JYOSHNA RANI SAHOO

EXAM ROLL NO – 121BACPG26005

P.G DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTONOMOUS), BANKI

2022- 2023

**An Internship Report in Clinical Setting
at**

**Kalinga Institute Of Medical Science(KIMS)
Bhubaneswar**



SUBMITTED BY:

JYOTIRMAYEE NAYAK

ExamRollNo-121BACPG26006

P.G DEPARTMENT OF PSYCHOLOGY

Banki college(Autonomous)

Banki

AN INTERNSHIP REPORT OF CLINICAL SETTING

AT

KALINGA INSTITUTE OF MEDICAL SCIENCE

(KIMS)



Submitted By :

Narmada Majhi

EXAM ROLL NO: 121BACPG26008

P.G. DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTONOMOUS), BANKI

AN INTERNSHIP REPORT OF CLINICAL SETTING

AT

KALINGA INSTITUTE OF MEDICAL SCIENCE

(KIMS)



Submitted By :

Narmada Majhi

EXAM ROLL NO: 121BACPG26008

P.G. DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTONOMOUS), BANKI

AN INTERNSHIP REPORT IN CLINICAL SETTING

AT

S.C.B. MEDICAL COLLEGE AND HOSPITAL, CUTTACK



SUBMITTED BY:-

PRIYALI DEY

EXAM ROLLNO- 121BACPG26009

P.G. DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE(AUTONOMOUS),BANKI

**AN INTERNSHIP REPORT IN CLINICAL
SETTING**

AT

**KALINGA INSTITUTE OF MEDICAL
SCIENCES (KIIMS), BHUBANESWAR**



**SUBMITTED BY:
RACHITA PARIDA**

Exam roll no-121BACPG26010

**P.G DEPARTMENT OF PSYCHOLOGY BANKI COLLEGE
(AUTONOMOUS), BANKI**

An Internship Report in Clinical Setting
at
Kalinga Institute of Medical Sciences (KIMS)
Bhubaneswar



SUBMITTED BY

SONALI SAHOO

Exam Roll No -121BACPG26013

P.G DEPARTMENT OF PSYCHOLOGY

Banki college (Autonomous), Banki

**AN INTERNSHIP REPORT IN CLINICAL SETTING
AT
S.C.B. MEDICAL COLLEGE AND HOSPITAL**



SUBMITTED BY: -

SUBHALAXMI PANDA

EXAM ROLL NO-121BACPG26014

P.G. DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE(AUTONOMOUS), BANKI

**An Internship Report in Clinical Setting
at
Kalinga Institute of Medical Science (KIMS)**



SUBMITTED BY:

SUSHREE SNIGDHA MOHARANA

Exam Roll No – 121BACPG26015

P.G DEPARTMENT OF PSYCHOLOGY

Banki College (Autonomous), Banki

THE ROLE OF INFRASTRUCTURE IN ECONOMIC DEVELOPMENT

A project report submitted to

BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK
In partial Fulfilment for the Award of Bachelor of Arts
IN ECONOMICS

BY

CHINMAYEE SAHOO

Semester Roll No: 120BAC01011

College Roll No: BA-20-084

University Regd.No:2001010420030011

GUIDE AND SUPERVISOR

MR. RAJKISHORE PAL

READER IN ECONOMICS

BANKI COLLEGE (AUTO.), BANKI



BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK
UTKAL UNIVERSITY

2022-23

MINISTRY OF WOMEN AND CHILD DEVELOPMENT

A PROJECT REPORT SUBMITTED TO
BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK
IN PARTIAL FULFILLMENT FOR THE AWARD OF BACHELOR OF ARTS IN ECONOMICS

BY

PRAGNYA PRALIPTA RATH

SEMESTER ROLL NO: 120BAC01023

COLLEGE ROLL NO: BA20-012

UNIVERSITY REGD.NO: 2001010420030023

GUIDE AND SUPERVISOR

MR. RATNAKAR DAS
LECTURER IN ECONOMICS
BANKI COLLEGE (AUTO.), BANKI



BANKI COLLEGE(AUTONOMOUS), BANKI, CUTTACK, ODISHA

UTKAL UNIVERSITY

2023

**SUSTAINABILITY PLANING FRAME WORK
AND METHODS FOR RURAL DRINKING
WATER IN TALABASTA VILLAGE, CUTTACK
DISTRICT, ODISHA**

**A project report submitted to
BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK
In partial Fulfillment for the Award of Bachelor of Arts
IN ECONOMICS**

BY

PURNA PRAKASH MISHRA

Semester Roll No: 120BAC01026

College Roll No: BA20-341

GUIDE AND SUPERVISOR

**MR. RATNAKAR DAS
LECTURER IN ECONOMICS
BANKI COLLEGE (AUTO.),BANKI**



**Department of Economics
BANKI COLLEGE (AUTONOMOUS),BANKI,CUTTACK
UTKAL UNIVERSITY
2022-23**

BANKI COLLEGE (AUTONOMOUS), BANKI



2022-2023

DEPARTMENT OF ECONOMICS

A PROJECT REPORT ON GST



GUIDED BY: -

K.M SUBHASISH JENA
Lecture in Economics
Banki College (Auto.), Banki

SUBMITTED BY: -

SMRUTIREKHA SAHOO
+3 Final year Arts
(Economics Hons.)

Semester Roll No.: 120BAC01031
College Roll No.: BA20-274
Regd. No.: 2001010420030031

BANKI COLLEGE(AUTO.), BANKI



2021 -2022

DEPARTMENT OF ECONOMICS



A

Project Report On

**“GLOBALIZATION & ITS IMPACT ON INDIAN
ECONOMY”**

Guided by:

**Mrs.Purnima Sahoo
Lecture in Economics
Banki College (Auto.), Banki**

Submitted by:

**Santosh Kumar Sahoo
+3 3rd Year Arts
Exam Roll No. : 119BAC01025
College Roll No- BA19-110
Regd.No:-**

BANKI (AUTO.) COLLEGE, BANKI

2020-21



**A Project Report Submitted to the
Banki College(Autonomous), Banki
In partial fulfillment of the requirement for the
Degree of Bachelor of Arts (Honours) in Economics**



A Project Report on Unemployment in India



“ Unemployment in India ”

Under the Guidance and supervision of

Mrs. Swatishmita Mohanty

Submitted By: -

ITISHREE BEURA

+3 Final Year Arts

(Economics Honours)

College Roll No. – BA18-145

Semester Roll No. – 118BAC01011

Regd. No.- 1801010420030327

BANKI COLLEGE (AUTO-), BANKI



(2019-2020)

**DEPARTMENT
OF
economics**



A PROJECT REPORT ON

AGRICULTURAL MARKETING SYSTEM IN ODISHA

Guided By:

Mrs.Swatismita Mohanty
Lecturer in Economics

Submitted By

Aurosrita Panda

+3 Final Yr. Arts
Economics Hons

College Roll no:BA17-327

Sem.Roll no:-117BAC01007

Regd.No.-1701010420030108

**SOCIAL CONDITION OF ORPHAN WITH
THEIR EDUCATIONAL PROVISION**

A DISERTATION SUBMITTED

TO

**Banki Autonomous College, Banki for the partial
Fulfilment for degree of**

MASTER OF ARTS IN EDUCATION



Name of the Supervisor

**Mr. Sukanta Mohapatra
Lecturer in Education**

Name of the Researcher

Barsha Paikray

Roll No-121BACPG23003

**POST GRADUATE DEPARTMENT OF EDUCATION
BANKI AUTONOMOUS COLLEGE, BANKI
CUTTACK-754008**

2023

*Examined
Kul
3.5.23*

External Copy

**ATTITUDE OF USING INTERNET AMONG
POST GRADUATE STUDENTS**

A DISERTATION SUBMITTED

TO

**Banki Autonomous College, Banki for the partial
Fulfillment for degree of**

MASTER OF ARTS IN EDUCATION



Name of the Supervisor

**Mrs. Jyotirmayee Padhi
Lecturer in Education**

Name of the Researcher

Priyadarshani Dehury

Roll No-121BACPG23007

**POST GRADUATE DEPARTMENT OF EDUCATION
BANKI AUTONOMOUS COLLEGE, BANKI
CUTTACK-754008**

2023

*Examined
3.5.23*

External

**PERCEPTION OF POST GRADUATION STUDENTS
TOWARDS INTEGRATION OF YOUTUBE VIDEOS
INTO CLASSROOM LECTURE**

A DISSERTATION SUBMITTED

TO

**Banki Autonomous College, Banki for the partial
Fulfillment for degree of**

MASTER OF ARTS IN EDUCATION



Name of the Supervisor

**Miss. Shibani Debadarhini Pradhan
Lecturer in Education**

Name of the Researcher

RASHMITA ROUT

Roll No-121BACPG23009

College Roll No:PG21EDN-019

**POST GRADUATE DEPARTMENT OF EDUCATION
BANKI AUTONOMOUS COLLEGE, BANKI
CUTTACK-754008**

2023

*Examined
K.P.
3.5.23*

**ATTITUDE OF UNDERGRADUATE STUDENTS
TOWARDS E-LEARNING IN COVID ERA**

A DISERTATION SUBMITTED

TO

**Banki Autonomous College, Banki for the partial
Fulfilment for degree of**

MASTER OF ARTS IN EDUCATION



Name of the Supervisor

**Miss. Shibani Dbadarshini Pradhan
Lecturer in Education**

Name of the Researcher

Sunita Mohapatra

Roll No-121BACPG23014

**POST GRADUATE DEPARTMENT OF EDUCATION
BANKI AUTONOMOUS COLLEGE, BANKI
CUTTACK-754008**

2023

External

**ATTITUDE OF STUDENTS TOWARDS
CO-CURRICULAR ACTIVITIES IN SCHOOLS**

A DISSERTATION SUBMITTED

To

Banki Autonomous College, Banki for the Partial Fulfillment for Degree of

MASTER OF ARTS IN EDUCATION



Name of the Supervisor

MISS. ELIZA MOHAPATRA

Lecturer in Education

Banki College Autonomous, Banki

Name of the Researcher

SWAGATIKA JENA

Roll No-121BACPG23016

POST GRADUATE DEPARTMENT OF EDUCATION

BANKI AUTONOMOUS COLLEGE, BANKI

CUTTACK-754008

2023

BANKI AUTONOMOUS COLLEGE BANKI, CUTTACK



DEPARTMENT OF BIOTECHNOLOGY

A PROJECT REPORTED ON

IN VITRO FERTILIZATION

SUBMITTED BY

SAIRAJ PRADHAN

220BAC12010

UNDER THE GUIDANCE OF

SHRI. SHYAMLAL BHUE

[LECTURE IN DEPARTMENT OF ZOOLOGY]

FOR SESSION 2020-23

IN PARTIAL FULLFILMENT FOR THE AWARD OF
DEGREE OF BACHELOR OF SCIENCE IN

BIOTECHNOLOGY



BANKI AUTONOMOUS COLLEGE BANKI



2020-2023

DEPARTMENT OF BIOTECHNOLOGY

A Project Report on
WASTE MANAGEMENT



Guided By:

Sri Shyamlal Bhue
Department of Zoology

Submitted By:

Name: -
Snigdha Banaja Priyadarshini Das
+3 Final Year Science
College Roll No: BS20-134
Sem. Roll No: 220BAC12012

DEPARTMENT OF BIOTECHNOLOGY
BANKI AUTONOMOUS COLLEGE, BANKI
CUTTACK, 754008. ODISHA

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

**ROLE OF PERSONALITY VARIABLES FPR
TEAMWORK: EVIDENCE FROM COLLEGE
STUDENTS**



Project Report Submitted to

**The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the Degree
of Bachelor of Arts. (Honours) in Psychology**

2022-23

By

Bindu Sahoo

Roll No. 120BAC09007

Regd. No. 2001011720030237

Under the Guidance and Supervision of

Dr. (Mrs.) Abantika Kar, Ph.D. (Utkal)

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI**

2022-23

MEGHA
DELUXE

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

Project Report

Under the Guidance and Supervision of



DEPARTMENT OF PSYCHOLOGY

**TEAM WORK RELATED PERSONALITY
VARIABLES: A STUDY OF BANKI COLLEGE
STUDENTS**



**Project Report Submitted to
The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the Degree
of Bachelor of Arts. (Honours) in Psychology**

2022-23

By

Subhashree Nayak

Roll No. 120BAC09035

Regd. No. 2001011720030265

**Under the Guidance and Supervision of
Mrs. Arpita Aparajita, M.A.**

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23**

**TEAM WORK RELATED PERSONALITY
VARIABLES: A STUDY OF BANKI COLLEGE
STUDENTS**



Project Report Submitted to

**The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the Degree
of Bachelor of Arts. (Honours) in Psychology**

2022-23

By

Subhalaxmi Swain

Roll No. 120BAC09034

Regd. No. 2001011720030264

Under the Guidance and Supervision of

Mrs. Arpita Aparajita, M.A.

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI**

2022-23

**TEAM WORK RELATED PERSONALITY
VARIABLES: A STUDY OF BANKI COLLEGE
STUDENTS**



**Project Report Submitted to
The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the Degree
of Bachelor of Arts. (Honours) in Psychology**

2022-23

By

Subhadra Mallik

Roll No. 120BAC09033

Regd. No. 2001011720030263

**Under the Guidance and Supervision of
Mrs. Arpita Aparajita, M.A.**

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23**

**TEAM WORK RELATED PERSONALITY
VARIABLES: A STUDY OF BANKI COLLEGE
STUDENTS**



**Project Report Submitted to
The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the Degree
of Bachelor of Arts. (Honours) in Psychology**

2022-23

By

Stitiprangya Mahapatra

Roll No. 120BAC09032

Regd. No. 2001011720030262

**Under the Guidance and Supervision of
Mrs. Arpita Aparajita, M.A.**

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23**

BANKI COLLEGE (AUTO.), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTO.), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTO.), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTO.), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

**SEX DIFFERENCE IN THE ADOLESCENCE
PERSONALITY TRAITS AND LOCUS OF
CONTROL**



**Project Report Submitted to
The Utkal University, Vanivihar in Partial Fulfillment of
the Requirements for the Degree of Bachelor of Arts.
(Hons.) In Psychology**

**By
Prahallad Khatua
Semester Roll No. 120BAC09021
Regd. No. 2001011720030251**

**Under the Guidance and Supervision of
Dr. Muralidhar Rath, Ph.D. Utkal)**

**DEPARTMENT OF PSYCHOLOGY
BANKI AUTONOMOUS COLLEGE, BANKI
2022-23**

**SEX DIFFERENCE IN THE ADOLESCENCE
PERSONALITY TRAITS AND LOCUS OF
CONTROL**



**Project Report Submitted to
The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the
Degree of Bachelor of Arts. (Honours) in
Psychology**

By

Laxmipriya Rout

Roll No. 120BAC09020

Regd. No. 2002012720030250

**Under the Guidance and Supervision of
Dr. Muralidhar Rath, Ph.D (Utkal)**

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI**

2022-23

**SEX DIFFERENT IN THE ADOLESCENCE
PERSONALITY TRAITS AND LOCUS OF CONTROL**



Project Report Submitted to

**The Utkal University, Vani Vihar in Partial Fulfillment of the
Requirements for the Degree of Bachelor of Arts. (Hons) in**

Psychology

BY

Laxmipriya Behera

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Regd. No: 2001011720030249

Under the Guidance and Supervision of

Dr. Muralidhar Rath, Ph.D. (Utkal)

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23**

**SEX DIFFERENCE IN THE ADOLESCENCE
PERSONALITY TRAITS AND LOCUS OF
CONTROL**



**Project Report Submitted to
The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the
Degree of Bachelor of Arts. (Honours) in
Psychology**

By

Damodar Dehuri

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**Under the Guidance and Supervision of
Dr. Muralidhar Rath, Ph.D (Utkal)**

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23**

**ROLE OF PERSONALITY VARIABLES FPR
TEAMWORK: EVIDENCE FROM COLLEGE
STUDENTS**



Project Report Submitted to
The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the Degree
of Bachelor of Arts. (Honours) in Psychology
2022-23

By

Bindu Sahoo

Roll No. 120BAC09007

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Under the Guidance and Supervision of
Dr. (Mrs.) Abantika Kar, Ph.D. (Utkal)

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23**

MEGHA
DELUXE

**SEX DIFFERENCE IN THE ADOLESCENCE
PERSONALITY TRAITS AND LOCUS OF
CONTROL**



**Project Report Submitted to
The Utkal University, Vani Vihar in Partial
Fulfillment of the Requirements for the
Degree of Bachelor of Arts. (Honours) in
Psychology**

By

Damodar Dehuri

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**Under the Guidance and Supervision of
Dr. Muralidhar Rath, Ph.D (Utkal)**

**DEPARTMENT OF PSYCHOLOGY
BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23**

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

Project Report



DEPARTMENT OF PSYCHOLOGY

BANKI AUTONOMOUS COLLEGE, BANKI



For session- 2020-2023

DEPARTMENT OF BOTANY

A PROJECT REPORT ON

“BIOFERTILIZER”



Guided By:-

Mrs. Sanghamitra Mallick

Lecture In BOTANY

Submitted By:-

Susmita Naik

+3 Final Yr. Science

Dept. Of Botany

College Roll No: BS20-239

Semester Roll No: 220BAC13034

Regd. No:- 2002010220030048

BANKI COLLEGE(AUTO.), BANKI



2022-23



DEPARTMENT OF BOTANY

A

PROJECT REPORT ON

“MODERN TRENDS IN HORTICULTURE”

Guided By:-

Mrs. Sanghamitra Mallik
Lecturer in Botany

Submitted By:-

Brajeswari Panda
+3 Final Year Sc. (Botany)
College Roll No. BS20-178
Sem. Roll No. 220BAC13010
Regd. No. 2022010120030020



DEPARTMENT OF BOTANY
BANKI COLLEGE (AUTONOMOUS), BANKI

A STUDY ON
THE EFFECT OF LIGHT ON MUNG BEANS (*Vigna radiata* L.)

GERMINATION AND SEEDLING GROWTH

Dissertation submitted to

BANKI COLLEGE (AUTONOMOUS), BANKI

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

Miss AMISHA SAHOO

(Roll No: 220BAC13002)

(Regd. No: 2002010220030016)

Under the guidance of

Dr. JAKESH MOHAPATRA



BANKI COLLEGE
(AUTONOMOUS)

College with Potential for Excellence

DEPARTMENT OF BOTANY

BANKI COLLEGE (AUTONOMOUS), BANKI

MAY 2023

A

**PROJECT REPORT ON
PLANNING FOR THE DEVELOPMENT OF AGRICULTURE WITH
SPECIAL REFERENCE TO ODISHA
PROJECT SUBMITTED FOR**

PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE

+3 3RD YEAR DEGREE

SUBMITTED BY

Name: SONALIKA SAMAL

ROLL NO: BS20-410

GUIDED BY

ARIJEET MISHRA

LECTURER



**DEPARTMENT OF GEOGRAPHY
BANKI COLLEGE (AUTONOMOUS), BANKI
BANKI, CUTTACK, 754008
2022-2023**



PROJECT REPORT ON

**PLANNING FOR THE DEVELOPMENT OF TRANSPORT IN
CUTTACK TOWN**

**PROJECT SUBMITTED FOR
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE +3 3RD
YEAR DEGREE**

SUBMITTED BY

Name: TAPAN NAYAK

ROLL NO: 220BAC16006

GUIDED BY

**ARIJEET MISHRA
LECTURER**



**DEPARTMENT OF GEOGRAPHY
BANKI COLLEGE (AUTONOMOUS), BANKI
BANKI, CUTTACK, 754008**

2022-2023



BANKI AUTONOMOUS COLLEGE, BANKI



DEPARTMENT OF HISTORY

2022-2023



A PROJECT REPORT ON

“JAGANNATH CULT:- THE CULT OF HUMANISM”

Guided By:

Smt. Binodini Parida

Department of History

Banki (Autonomous) College, Banki

Submitted By:

Name: Bikash Nayak

+3 Final Year Arts

College Roll No: BA20-334

Sem, Roll No: 120BAC04004



DEPARTMENT OF HISTORY BANKI AUTONOMOUS COLLEGE, BANKI
,CUTTACK,754008

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

DEPARTMENT OF HISTORY



A PROJECT REPORT ON

Charchika: The Legendary Deity of Banki

Guided By:

MISS. LIZA NAYAK
Lect. in History

Submitted By

Trushnaranee Sahu

+3 Final Yr. Arts
History Hons

College Roll no:BA20-266

Sem.Roll no:-120BAC04037

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

DEPARTMENT OF HISTORY



A PROJECT REPORT ON

Kalinga War of Ashoka



Guided By:

MR. PRASANT BEHERA
Reader in History

Submitted By

Satyabrat Sahoo

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History Hons

College Roll no: BA20-159

Sem. Roll no: -120BAC04028

BANKI COLLEGE (AUTO-), BANKI



(2022-2023)

DEPARTMENT OF HISTORY



A PROJECT REPORT ON

Charchika: The Legendary Deity of Banki

Guided By:

MISS. LIZA NAYAK
Lect. in History

Submitted By

Ipsita Priyadarshinee Rout

**+3 Final Yr. Arts
History Hons**

College Roll no:BA20-141

Sem.Roll no:-120BAC04014

BANKI COLLEGE (AUTONOMOUS), BANKI



2022-23



DEPARTMENT OF SANSKRIT

A PROJECT PAPER

ON

“KALIDASASYA PRAKRUTI CHITRAN
NAIPURNYAM EKAM BISLESANAM”

Guided By:

Mrs. Snehanjali Sahoo

(Lecturer in Sanskrit)

Banki College (Auto.)Banki

Submitted by: -

Suchismita Nayak

+3 Final Year Arts

(Sanskrit Hons.) 6th Semester

Semester Roll No.: 120BAC10036

College Roll No: BA20-289

Regd. No: 2001011920030303

BANKI AUTONOMOUS COLLEGE BANKI

DEPARTMENT OF SANSKRIT



PROJECT PAPER ON

“वेदेषु उपनिषदाम् स्थानम् : एकम् आकलनम्”

Guided By:

Miss. S S Indurekha Nayak

Lecturer in Sanskrit

Banki (Autonomous) College, Banki.

Submitted By:

Name: - Pujarani Nayak

+3 Final year Arts

Sanskrit Honours

College Roll No: BA20-370

Sem. Roll No: 120BAC10026

Regd. No: 2001011920030293

संस्कृतः विभागः



BANKI (AUTO.) COLLEGE, BANKI



2020-23



DEPARTMENT OF SANSKRIT

A

PROJECT REPORT ON

“MAGHE SANTI TRAYOGUNAH-EKAM VISLESANAM”

Guided By:-

Mr. Manoranjan Mishra
Lecturer in Dept. of Sanskrit
Banki College (Auto), Banki

Submitted By:-

Lopamudra Pattanaik
+3 Final Year Arts
Sanskrit Honours
College Roll No. BA20-001
Sem. Roll No. 120BAC10017
Regd. No. 2001011920030284

BANKI (AUTO.) COLLEGE, BANKI



2020-23



DEPARTMENT OF SANSKRIT

A

PROJECT REPORT ON

“PURANANAM MAHATWAM”

Guided By:-

**Mr. Manoranjan Mishra
Lecturer in Dept. of Sanskrit
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Submitted By:-

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Sem. Roll No. 120BAC10014
Regd. No. 2001011920030281**

BANKI (AUTO.) COLLEGE, BANKI



2020-23



DEPARTMENT OF SANSKRIT

A

PROJECT REPORT ON

“MEGHADUTTE BHOUGOLIKA MAHATVAM SAMEEKSHANAM”

Guided By:-

Mrs. Sachala Kumari Dei
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Banki College (Auto), Banki

Submitted By:-

Diptimayee Majhi
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College Roll No. BA20-136
Sem. Roll No. 120BAC10009
Regd. No. 2001011920030276

BANKI AUTONOMOUS COLLEGE BANKI



DEPARTMENT OF SANSKRIT

2022-23

A

PROJECT PAPER ON

“माघेसन्ति त्रयोगुणाः एकम् विश्लेषणम्”

Guided By:

Mrs. Sachala Dei
Lecturer in Sanskrit
Banki (Autonomous) College, Banki.

Submitted By:

Name: - Chinmayee Behera
+3 Final year Arts
Sanskrit Honours
College Roll No: BA20-349
Sem. Roll No: 120BAC10008
Regd. No: 2001011920030275

संस्कृत विभागः



BANKI COLLEGE (AUTONOMOUS), BANKI
2022-23



DEPARTMENT OF MATHEMATICS

A CRITICAL STUDY ON

“GROUP THEORY”

Guidance by: -

Miss. Sagarika Dash
Lecturer in Mathematics
Banki College (Auto.), Banki

Submitted by: -

Yagnyanarayan Panda
+3 Final Year Science
Math. (Hons.)
Semester Roll No: 220BAC18029
College Roll No: BS20-184
Regd. No: 20020106220030179

BANKI COLLEGE

(AUTONOMOUS), BANKI

DEPARTMENT OF MATHEMATICS

A CRITICAL STUDY

ON

LINEAR TRANSFORMATION

Submitted By:

Sujit Ranjan Sahoo

+3 Final Year Science

Mathematics Hons.

Semester Roll No.:220BAC18027

College Roll No.:BS20-303

Guided By:

Miss Sagarika Dash

Lecturer In Mathematics

Banki College(Autonomous),Banki

IMPACT & CAUSES OF CHILD MARRIAGE

A project report submitted to

**BANKI (AUTONOMOUS) COLLEGE, BANKI,
CUTTACK.**

In partial fulfillment for the Award of Bachelor of Arts.

IN POLITICAL SCIENCE

By

Sangita Nayak

Semester Roll No: 120BAC08028

University Regd. No:

20010 116 200 30219

Guided and Supervisor

Mr. Adeita Pradhan

Lecturer in Political Science



**BANKI (AUTONOMOUS) COLLEGE, BANKI,
CUTTACK**

UTKAL UNIVERSITY

2023

WOMEN EMPOWERMENT IN INDIA

**A Project Submitted To
BANKI COLLEGE (AUTONOMOUS) BANKI, CUTTACK
In Partial Fulfillment For The Award of the Degree of
Bachelor of Arts**

IN POLITICAL SCIENCE

BY

Amarnath Behera

Semester Roll No. 120BAC08001

University Regd. No.

2001011620030192

GUIDE & SUPEVISOR

Dr. Sailendra Chandra Deo

H.O.D IN POLITICAL SCIENCE



**BANKI COLLEGE AUTONOMOUS, BANKI,
CUTTACK
UTKAL UNIVERSITY
2023**

DEVELOPMENT OF WOMEN'S MOVEMENT IN INDIA

A Project Submitted To

BANKI COLLEGE (AUTONOMOUS) BANKI, CUTTACK

**In Partial Fulfillment For The Award of the Degree of
Bachelor of Arts**

IN POLITICAL SCIENCE

BY

Anjaneya Parida

Semester Roll No. 120BAC08002

**University Regd. No. 2001011620030
193**

GUIDE & SUPEVISOR

Dr. Sailendra Chandra Deo

H.O.D IN POLITICAL SCIENCE



**BANKI COLLEGE AUTONOMOUS, BANKI,
CUTTACK**

UTKAL UNIVERSITY

2023

**ROLE OF EDUCATION IN WOMEN
EMPOWERMENT**

A Project submitted to
BANKI COLLEGE (AUTONOMOUS) BANKI, CUTTACK

In Partial fulfillment of the Requirement
For the Award of the degree of
Bachelor of Arts
IN POLITICAL SCIENCE

BY

SUBHALAXMI BEHERA

University Roll No-120BAC08031

Regd. No- 2001011620030225

GUIDE AND SUPERVISOR

Mrs. BARSHARANI DIXIT

Lecture in Political science



**BANKI COLLEGE (AUTONOMOUS) BANKI, CUTTACK
UTKAL UNIVERSITY
2023**

IMPACT OF DOMESTIC VIOLENCE ON CHILDREN

A Project Submitted To

BANKI COLLEGE (AUTONOMOUS) BANKI, CUTTACK

In Partial fulfillment of the Requirement
For the Award of the degree of
Bachelor of Arts

IN POLITICAL SCIENCE

BY

SWETASWINI PANDA

Semester Roll No-120BAC08039

Regd. No- 2001011620030230

GUIDE AND SUPERVISOR

Mrs. BARSHA RANI DIXIT

Lecturer in Political science



BANKI COLLEGE (AUTONOMOUS) BANKI, CUTTACK

UTKAL UNIVERSITY

2023

NUCLEAR AND CHEMICAL DISASTER

**A dissertation submitted to Banki Autonomous College
In partial fulfilment of the requirements for the degree of
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by:-

LOKANATH MAHANTA

Semester Roll No- 220BAC14018

Under The Guidance of

MISS. SEELPA PATNAIK



BANKI AUTONOMOUS COLLEGE

BACHELOR OF SCIENCE DEPARTMENT OF CHEMISTRY

BANKI, CUTTACK, ODISHA-754008

2020-2023

CONDUCTING POLYMER

A project report submitted to
BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK
In partial Fulfillment for the Award of Bachelor of Science

**IN CHEMISTRY
BY**

RAKESH KUMAR BEHERA

Semester Roll No: 220BAC14028

**GUIDE AND SUPERVISOR
MISS. SUBHASHREE DAS
LECTURER IN CHEMISTRY**



BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK

UTKAL UNIVERSITY

2023

NUCLEAR MEDICINE

A Project Report Submitted to

**BANKI COLLEGE (AUTONOMOUS), BANKI,
CUTTACK**

In partial fulfillment for the Award of Bachelor of
Science

In **Chemistry**

By

SOUBHAGYABATEE MAHAPATRA

Semester Roll No. 220BAC14041

Guider and Supervisor

MISS SUDI KSHYA LENKA

Lecturer

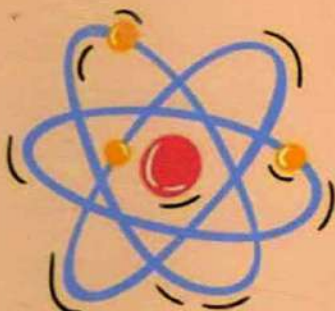
(Department of Chemistry)



**BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK
UTKAL UNIVERSITY
2023**

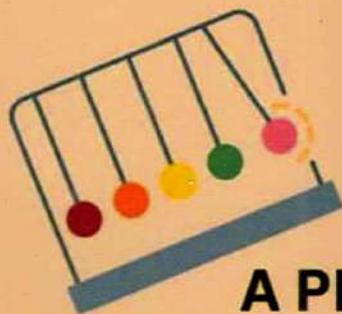
BANKI COLLEGE (AUTO.), BANKI

$$E=mc^2$$



Department Of Physics

2022-23



A PROJECT REPORT ON THERMAL ASPECTS OF SUPERCONDUCTIVITY

Guided by -

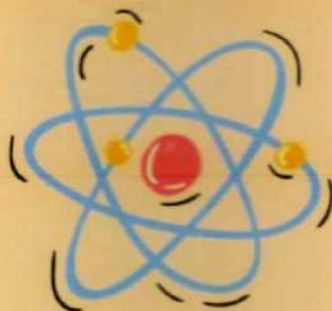
Mr. Nirakar Prasad Samantaray
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Submitted by -

Priyanka Priyadarshini Panini
+3 Finale Year Sc.(Physics)
College Roll No. BS20 - 087
Sem. Roll No. 220BAC19023
Regd.No. 2002010720030202

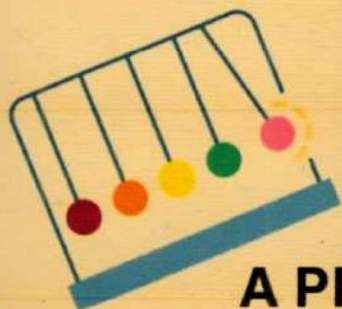
BANKI COLLEGE (AUTO.), BANKI

$$E=mc^2$$



Department Of Physics

2022-23



**A PROJECT REPORT ON
THERMAL ASPECTS OF SUPERCONDUCTIVITY**

Guided by -
Mr. Nirakar Prasad Samantaray
Lecturer in Physics

Submitted by -
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LASER

A project report submitted to
BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK
In partial Fulfillment for the Award of Bachelor of Science
IN PHYSICS

By

MRUTYUNJAY BEHERA

Semester Roll No: 220BAC19020

GUIDE AND SUPERVISOR

MR. NIRAKAR PRASAD SAMANTARAY

LECTURER IN PHYSICS



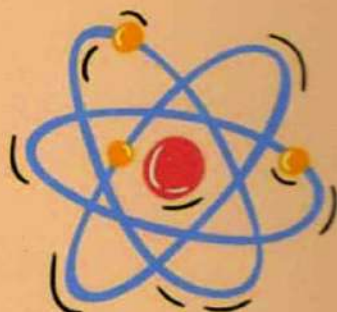
BANKI COLLEGE (AUTONOMOUS), BANKI, CUTTACK

UTKAL UNIVERSITY

2022-23

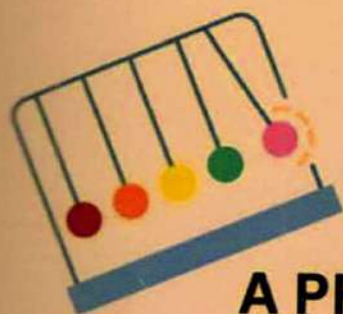
BANKI COLLEGE (AUTO.), BANKI

$$E=mc^2$$



Department Of Physics

2022-23



**A PROJECT REPORT ON
THERMAL ASPECTS OF SUPERCONDUCTIVITY**

Guided by -

Mr. Nirakar Prasad Samantaray
Lecturer in Physics

Submitted by -

Aparna Priyadarshini Muduli
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Sem. Roll No. 220BAC19005
Regd.No. 2002010720030184

BANKI COLLEGE(AUTONOMOUS),BANKI



2022-23



DEPARTMENT OF COMMERCE

A PROJECT REPORT
ON

FINANCIAL ANALYSIS OF R.B.I

43
50



Guided By: -

102.05.23

Mrs. Priyanka Behera

Lecturer in Commerce

Banki College (Auto.),Banki

Submitted By: -

Soumyaranjan Sahoo

+3 Final Year Commerce

Semester Roll No-320BAC22085

College Roll No-BC20-104

Règd. No-

External Examiner

Internal Examiner

BANKI COLLEGE(AUTONOMOUS),BANKI



2023



DEPARTMENT OF COMMERCE

A PROJECT REPORT
ON

FINANCIAL STATEMENT ANALYSIS OF
Reliance Jio

Guided By: -

Mr. Niranjana Mohanty

(H.O.D in Commerce)

Banki College Autonomous, Banki

Submitted By: -

Subhrajit Beura

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Semester Roll No-320BAC22090

College Roll No-BC20-140

Regd.No-

44/507

Internal

Subhrajit Beura
Internal

**A PROJECT ON
"MUTUAL FUNDS"**

SUBMITTED TO:

BANKI AUTONOMOUS COLLEGE, BANKI



2022-2023

**For Partial Fulfillment of Degree in
Bachelor in Commerce (Accounting & Finance)**

Submitted By:

Abhilipsa Dash

College Roll No.-BC20-039

Semester Roll No.-320BAC22001

Under the Guidance Of

Smt. Sudeepa Parida

Lecture, Banki Autonomous College, Banki

DEPARTMENT OF COMMERCE
BANKI (AUTO.) COLLEGE, BANKI




2022-23



"FINOLEX INDUSTRY LTD."



41/50

Guided By : 
Prof. Chinmaya Chittaranjan
Department of Commerce

Submitted by :
Name : Chandan Sahoo
+3 Final Year Commerce
College Roll No : BC20-113
Semester Roll No : 320BAC 22026

Regd. No :-

External Examiner

Internal Examiner

BANKI AUTONOMOUS COLLEGE, BANKI



DEPARTMENT OF COMMERCE

A PROJECT REPORT ON

ONLINE MARKETING STRATEGIC PLAN FOR INDIAMART

Guided By:

Prof. Chinamaya Chittaranjan

Lecture in Commerce Dept.

BANKI AUTONOMOUS COLLEGE BANKI

Submitted By:

Dipti Ranjan Kar

+3 Final year Commerce

College Roll no: BC20-054

Semestar Roll no:320BAC22035



**“HRM IN BANKING SECTOR-A STUDY ON
ICIC/HDFC/OR ANY PRIVATE BANK”**

Project report submitted to

BANKI AUTONOMOUS COLLEGE, BANKI

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

BACHELOR OF COMMERCE

Submitted by

AJAYA KUMAR SAHOO

(EXAMINATIONROLLNO:320BAC22008)

COLLEGE ROLL NO:BC20-111

2022-23

Under the guidance of

SMT.SUDEEPA PARIDA



**UNDER GRADUATE DEPARTMENT OF
COMMERCE**

Signature of internal examiner

signature of external examiner

42
50

BANKI (AUTO) COLLEGE BANKI



DEPARTMENT OF COMMERCE



47/50

A PROJECT REPORT ON MARKETETING STRATEGY OF CADBURY

Parida

GUIDED BY -

Smt. Sudeepa parida
Lecture in Commerce Dept.

SUBMITTED BY-

NAME-ABHISEK SAHOO
+3 Final Year Commerce
Sem.Roll.No-320BAC22003
College.Roll.No-BC20-157

**DEPARTMENT OF COMMERCE
BANKI COLLEGE (AUTONOMOUS), BANKI**

**A PROJECT REPORT ON
"A STUDY OF MUTUAL FUNDS AS AN INVESTMENT
AVENUE"**

Submitted to Banki (Autonomous) College, Banki
In Partial Fulfillment of the requirements for the award of
the Bachelor Degree of Commerce

Submitted By

**Abhishek Barik
Roll No: - 320BAC22004**

Under the Supervision of

**Prof. Niranjan Mohanty
Reader in Commerce
Banki Autonomous College, Banki**



**PG DEPARTMENT OF COMMERCE
BANKI AUTONOMOUS COLLEGE, BANKI
CUTTACK, ODISHA. 754008**

MARKETING STRATEGY OF NESTLE



A PROJECT REPORT SUBMITTED TO
BANKI AUTONOMOUS COLLEGE
FOR THE DEGREE OF
BACHELOR IN COMMERCE

By
AMIT KUMAR PANDA
EXAM ROLL NO: 320BAC22013
COLLEGE ROLL NO: BC20-082

Parida
UNDER SUPERVISION OF
SMT. SUDEEPA PARIDA
FACULTY IN COMMERCE
BANKI (AUTO.) COLLEGE,
BANKI

BANKI AUTONOMOUS COLLEGE
DEPARTMENT OF COMMERCE

43/50

BANKI COLLEGE(AUTONOMOUS),BANKI



2022-2023

DEPARTMENT OF COMMERCE



43/50

"A STUDY ON CONSUMER PROTECTION AWARENESS"

Parida
Guided By: -

Smt. Sudeepa Parida
(Department of Commerce)
Banki College Autonomous, Banki

Submitted By: -

Arijit Nayak
+3 Final Year Commerce
Semester Roll No-320BAC22014
College Roll No-BC-20-013
Regd. No-

BANKI AUTONOMOUS COLLEGE



2023

COMMERCE DEPARTMENT

A PROJECT REPORT ON



42/50

“FINANCIAL STATEMENTS OF PAYTM”

Guided By:

Smt. Sudeepa Parida
Lecture in Commerce

Submitted By:

Ayusman Pattanaik
Accounting Hons
Roll No. : BC20-087

Semester Roll No. : 320BAC22016

Regd. No. :

BANKI AUTONOMOUS COLLEGE, BANKI

DEPARTMENT OF COMMERCE



**A PROJECT REPORT ON
(E-COMMERCE)**

GUIDED BY

SMT SUDEEPA PARIDA



43/50

SUBMITTED BY:-

Barsharani Sahoo

+3 Final Year Commerce

Accounting Hons.

Semester Roll No:-320BAC22017

College Roll No:-BC20-014

**BANKI AUTONOMOUS COLLEGE,
BANKI, CUTTACK, 754008**

BANKI (AUTO) COLLEGE BANKI



DEPARTMENT OF COMMERCE



A PROJECT REPORT ON

FINOLEX INDUSTRIES LTD.

47/150

Guided
GUIDED BY -

Smt. Sudeepa Parida
Lecture in Commerce Dept.

SUBMITTED BY-

NAME-ABHISHEK PRADHAN
+3 Final Year Commerce
Sem. Roll.No-320BAC22005
College. Roll.No-BC20-074

DEPARTMENT OF COMMERCE
BANKI COLLEGE (AUTONOMOUS), BANKI

BANKI AUTONOMOUS COLLEGE, BANKI

DEPARTMENT OF COMMERCE



A PROJECT REPORT ON (GST THE NEW ERA OF TAXATION)

GUIDED BY

SMT SUDEEPA PARIDA



43/50

SUBMITTED BY:-

Aditya Chiranjib Dash
+3 Final Year Commerce
Accounting Hons.

Semester Roll No:-320BAC22007

College Roll No:-BC20-003

BANKI AUTONOMOUS COLLEGE,
BANKI, CUTTACK, 754008

BANKI AUTONOMOUS COLLEGE



2023

COMMERCE DEPARTMENT

A PROJECT REPORT ON



42/50

“FINANCIAL STATEMENTS OF PAYTM”

Guided By:

Smt. Sudeepa Parida
Lecture in Commerce

Submitted By:

Bhabani Sankar Das
Accounting Hons
Roll No. : BC20-149

Semester Roll No. : 320BAC22018
Regd. No. :

BANKI (AUTO) COLLEGE BANKI



DEPARTMENT OF COMMERCE



42/50

A PROJECT REPORT ON MARKETING STRATEGY OF SAMSUNG

Darich
GUIDED BY -

Smt. Sudeepa parida
Lecture in Commerce Dept.

SUBMITTED BY-

NAME-BIKASH ROUT
+3 Final Year Commerce
Sem.Roll.No-320BAC22019
College.Roll.No-BC20037

**DEPARTMENT OF COMMERCE
BANKI COLLEGE (AUTONOMOUS), BANKI**

BANKI COLLEGE (AUTONOMOUS), BANKI



2022-23



DEPARTMENT OF COMMERCE

**A PROJECT REPORT
ON**

FINANCIAL STATEMENT ANALYSIS OF



41/50

Parida's
Guided By: -

Mrs. Sudeepa Parida
Lecturer in Commerce
Banki College (Auto.), Banki

Submitted By: -

Binod Bihari Nayak
+3 Final Year Commerce
Semester Roll No-320BAC22020
College Roll No-BC20-152
Regd. No-

BANKI AUTONOMOUS COLLEGE



2023

COMMERCE DEPARTMENT

A PROJECT REPORT ON



52/50

“FINANCIAL STATEMENTS OF PAYTM”

Guided By:

Mr. Chinmaya Chittaranjan Chhatoi
Lecture in Commerce

Submitted By:

Biswaranjan Swain
Department of Commerce
Roll No. : BC20-114
Semester Roll No. : 320BAC22022
Regd. No. :

BANKI COLLEGE(AUTONOMOUS),BANKI



2022-2023

DEPARTMENT OF COMMERCE



43/50

"A STUDY ON CONSUMER PROTECTION AWARENESS"

Guided By: -

Mr. Chinmaya Chittaranjan Ch
(Department of Commerce)

Banki College Autonomous, Banki

Submitted By: -

Chandan Kumar Maharana
+3 Final Year Commerce

Semester Roll No-320BAC22024

College Roll No-BC-20-005

Regd. No-

BANKI (AUTO) COLLEGE BANKI



DEPARTMENT OF COMMERCE



A PROJECT REPORT ON

BSNL

43
50

Parida
GUIDED BY -

Smt. Sudeepa Parida
Lecture in Commerce Dept.

SUBMITTED BY-

NAME-AKASH MALLIK
+3 Final Year Commerce
Sem. Roll. No-320BAC22009
College. Roll. No-BC20-006

DEPARTMENT OF COMMERCE
BANKI COLLEGE (AUTONOMOUS), BANKI

A PROJECT ON
"CAPITAL MARKET"

SUBMITTED TO:

BANKI AUTONOMOUS COLLEGE, BANKI



2022-2023

For Partial Fulfillment of Degree in
Bachelor in Commerce (Accounting & Finance)

Submitted By:

Aliva Behera

College Roll No.-BC20-066

Semester Roll No.-320BAC22010

Under the Guidance Of

Smt. Sudeepa Parida

Lecture, Banki Autonomous College, Banki

93
50

BANKI COLLEGE(AUTONOMOUS),BANKI



2022-23



DEPARTMENT OF COMMERCE

A PROJECT REPORT
ON

MARKETING STRATEGY OF BHARATI AIRTEL
AIRTEL

43/50

Guided By: -

Mr. Chinmaya Chittaranjan
Lecturer in Commerce
Banki College (Auto.),Banki

CCP
2023

Submitted By: -

Chandan Mahapatra
+3 Final Year Commerce
Semester Roll No-320BAC22025
College Roll No-BC20-018
Regd. No-

External Examiner

Internal Examiner

BANKI AUTONOMOUS COLLEGE. BANKI



DEPARTMENT OF COMMERCE

A Project Report On

(*MARKETING STRATEGY OF LAKME*)

Parida

GUIDED BY :-

SMT SUDEEPA PARIDA

Banki Autonomous College, Banki

SUBMITTED BY :-

AMISHA ROUTRAY

+3 Final year Commerce

Semester Roll. No – 320BAC22012

College Roll. No -- BC20-159

43/50

BANKI AUTONOMOUS COLLEGE



2023

COMMERCE DEPARTMENT

A PROJECT REPORT ON



“FINANCIAL STATEMENTS OF PAYTM”

Guided By:

Mr. Chinmaya Chittaranjan Chhatoi
Lecture in Commerce

Submitted By:

Deepak Kumar Gochhi
Department of Commerce
Roll No. : BC20-016

Semester Roll No. : 320BAC22031

Regd. No. :

BANKI (AUTO.) COLLEGE, BANKI



DEPARTMENT OF COMMERCE

A STUDY OF INVESTOR'S PREPARATION INVESTMENT IN MUTUAL FUND



31/50

COR
11/5/2021

NAME : CHINU NAYAK

SEMESTER ROLL NO: 320BAC22028

COLLEGE ROLL NO: BC20-047

External

Internal

**“HRM IN BANKING SECTOR-STUDY ON
ICIC/HDFC/OR ANY PRIVATE BANK”**

Project report submitted to

BANKI (AUTONOMOUS) COLLEGE, BANKI

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

BACHELOR OF COMMERCE

Submitted by

BRUTENDU SEKHAR SWAIN

(EXAMINATION ROLL NO:320BAC22023)

COLLEGE ROLL NO:BC20-090

SESSION (2020-23)

Under the guidance of

SRI CHINMAYA CHITTARANJAN



**UNDER GRADUATE DEPARTMENT OF
COMMERCE**

INTERNAL EXAMINER

EXTERNAL EXAMINER

STATE MODEL SYLLABUS FOR UNDER
GRADUATE
**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

ECONOMICS

(Bachelor of Arts Examination)

2022-23 / 2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

Course structure of UG Economics Honours

| Semester | Course | Course Name | Credits | Total marks |
|------------|--------|---|-----------|-------------|
| I | AEC-I | AEC-I | 04 | 100 |
| | C-I | ✓ Introductory Microeconomics | 06 | 100 |
| | C-II | ✓ Mathematical Methods for Economics I | 06 | 100 |
| | GE-I | ✓ Indian Economy | 06 | 100 |
| | | | 22 | |
| II | AEC-II | AEC-II | 04 | 100 |
| | C-III | ✓ Introductory Macroeconomics | 06 | 100 |
| | C-IV | ✓ Mathematical Methods for Economics II | 06 | 100 |
| | GE-II | ✓ Indian Economy II | 06 | 100 |
| | | | 22 | |
| III | C-V | ✓ Microeconomics I | 06 | 100 |
| | C-VI | ✓ Macroeconomics I | 06 | 100 |
| | C-VII | ✓ Statistical Methods for Economics | 06 | 100 |
| | GE-III | Introductory Microeconomics | 06 | 100 |
| | SEC-I | SEC-I | 04 | 100 |
| | | | 28 | |

S. N. Nagesh
15.9.23
15.9.23
15.9.23

S. N. Nagesh
18.11.22

Sankarjyoti Das
18.11.2022

S. N. Nagesh
15.9.23

Aravind Sahas
18.11.22

12
15.9.23

Debi Kumar Bisoi
Ratnakar
15/09/2023

Ratnakar
18.11.22

K. M. Subashini
18.09.23

| IV | C-VIII | ✓ Microeconomics II | 06 | 100 |
|----------|---------|--|---------|-------------|
| | C-IX | ✓ Macroeconomics II | 06 | 100 |
| | C-X | ✓ Research Methodology | 06 | 100 |
| | GE-IV | Introductory Macroeconomics X | 06 | 100 |
| | SEC-II | SEC-II | 04 | 100 |
| | | | 28 | |
| Semester | Course | Course Name | Credits | Total marks |
| V | C-XI | ✓ Indian Economy I | 06 | 100 |
| | C-XII | ✓ Development Economics I | 06 | 100 |
| | DSE-I | 1. Economic History of India (1857-1947) 2. Introductory Econometrics | 06 | 100 |
| | DSE-II | 3. Odisha Economy 4. Public Economics 5. Money and Banking | 06 | 100 |
| | | | 24 | |
| VI | C-XIII | ✓ Indian Economy II | 06 | 100 |
| | C-XIV | ✓ Development Economics II | 06 | 100 |
| | DSE-III | 1. Environmental Economics 2. International Economics | 06 | 100 |
| | DSE-IV | 3. Agricultural Economics 4. History of Economic Thought | 06 | 100 |

SPJ
15.9.23
Kahoo
15.9.23
Shruti
15.9.23

SPK
15.9.23

1. Debendra Kumar Routo . 18.11.2022
2. Sankarjanan K 18.11.2022
3. Sankarjanan K 18.11.2022
- 4.
5. Ratnakaran D 18.11.2022

Deenaisha Jha
18.11.22
Karanika
15.09.23

K.M. Subandhu
15.09.23

| | | | | |
|--|--------|--------------|----|------|
| | | 5. Project | | |
| | OR | | | |
| | DSE-IV | Dissertation | 06 | 100* |
| | | | 24 | |

Discipline Specific Elective Papers: (Credit: 06 each) (4 papers to be selected by students of Economics Honours): DSE 1-IV

DSE Group I

1. Economic History of India (1857-1947)
2. Introductory Econometrics
3. Odisha Economy
4. Public Economics
5. Money and Banking

DSE Group II

1. Environmental Economics
2. International Economics
3. Agricultural Economics
4. History of Economic Thought
5. Project *Dissertation (can be opted as alternative of DSE-IV only and of 6 credits.
Dissertation content: 50, Seminar: 30, Viva: 20)

[Signature]
18/11/22
Sankarajit Kar
18.11.2022

Debasish Kumar Bhowmik
18.11.2022

Ratnakar Das 18.11.2022

Sarita Kumar Das 18.11.22

Kunimona Sahoo
18.11.22

Ratnakar Das
15.9.2023

K.M. Subandh 20/15.09.23

[Signature]
15/9/23
Kakar
15.9.23

Suwas
15.9.23

[Signature]
15.9.23

[Signature]
15.9.23

**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

PHILOSOPHY

(Bachelor of Arts Examination)

2022-23 & 2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

PHILOSOPHY

| Semester | | CORE COURSE (14) | Ability Enhancement Compulsory Course (AECC) (2) | Ability Enhancement Elective Course (AEEC) (2) (Skill Based) | Elective: Discipline Specific DSE (4) | Elective: Generic (GE) (4) |
|----------|--------|---|--|---|---|---|
| I | CC I | General Philosophy | English Communication / Odia/ Hindi | | | GE-I Symbolic Logic |
| | CCII | Logic and Scientific Method | | | | |
| II | CCIII | Systems of Indian Philosophy –I | Environmental Studies | | | GE-II Indian Philosophy |
| | CCIV | Symbolic Logic | | | | |
| III | CCV | Ethics | | SEC -I | | GE-III History of Modern European Philosophy |
| | CCVI | History of Greek Philosophy | | | | |
| | CCVII | Systems of Indian Philosophy (II) | | | | |
| IV | CCVIII | Contemporary Indian Philosophy | | SEC -II | | GE- IV Ethics: Theory and Practice |
| | CCIX | History of Modern European Philosophy | | | | |
| | CCX | Philosophy of Language | | | | |
| V | CCXI | Western Classics: Meditations of Rene Descartes | | | DSE-I PHILOSOPHY OF BHAGVAD GITA | |
| | CCXII | Indian Text: Isa Upanisad | | | | |
| VI | CCXIII | Social & Political Philosophy | | | DSE-III GANDHIAN STUDIES | |
| | CC XIV | Applied Ethics | | | | |

**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

POLITICAL SCIENCE

(Bachelor of Arts Examination)

2022-23 & 2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

| | | | | |
|-----------|-----------|--|----|------|
| | | | 24 | |
| VI | C-XIII | Contemporary Political Philosophy | 06 | 100 |
| | C-XIV | Modern Indian Political Thought | 06 | 100 |
| | DSE-III | India's Foreign Policy in a Changing world | 06 | 100 |
| | DSE-IV | Women, Power and Politics | 06 | 100 |
| | OR | | | |
| | DSE-IV | Dissertation | 06 | 100* |
| | | | 24 | |

Discipline Specific Elective Papers: (Credit: 06 each) (4 papers to be selected by students of Political Science Honours): DSE 1-IV

1. Human Rights in a Comparative Perspective
2. Development Process and Social Movements in Contemporary India (PROJECT)
3. India's Foreign Policy in a Globalizing world
4. Women, Power and Politics
5. Project *Dissertation (can be opted as alternative of DSE-IV only and of 6 credits. **Dissertation content: 50, Seminar: 30, Viva: 20**)

SYLLABUS FOR UNDERGRADUATE
COURSE

UNDER CHOICE BASED CREDIT SYSTEM

SANSKRIT

(Bachelor of Arts Examination)

2022-23 & 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

COURSE STRUCTURE FOR +3 B.A. SANSKRIT (HONS.-CC, DSE & GENERIC ELECTIVE)

| 1st Year (08 Papers : 800 Marks) | | | | | |
|--|-----------------------------------|------------------|---------|---|------------------|
| Sl. No. | Semester – I | Marks- Credits | Sl. No. | Semester-II | Marks- Credits |
| 1 | Core Course (SKT.)-1 | (100 -6) | 5 | Core Course (SKT.)-3 | (100-6) |
| 2 | Core Course (SKT.)-2 | (100 -6) | 6 | Core Course (SKT.)-4 | (100-6) |
| 3 | AECC-I Env. Studies | (100 -4) | 7 | AECC-2 M.I.L. (A.ENG/ ODIA/ SANS/ HINDI) | (100-4) |
| 4 | Generic Elective- 1 (If SKT.) | (100-6) | 8 | Generic Elective- 2 (If SKT.) | (100-6) |
| | (6+6+4+6 = 22 Credits) | 400 Marks | | (6+6+4+6 = 22 Credits) | 400 Marks |
| 2nd Year (10 Papers : 1000 Marks) | | | | | |
| Sl. No. | Semester – III | Marks- Credits | Sl. No. | Semester-IV | Marks- Credits |
| 9 | Core Course (SKT.)-5 | (100 -6) | 14 | Core Course (SKT.)-8 | (100-6) |
| 10 | Core Course (SKT.)-6 | (100 -6) | 15 | Core Course (SKT.)-9 | (100-6) |
| 11 | Core Course (SKT.)-7 | (100 -6) | 16 | Core Course (SKT.)-10 | (100-6) |
| 12 | SEC-1 Eng. Communicative | (100-4) | 17 | SEC-2 Office Management | (100-4) |
| 13 | Generic Elective- 3 (If SKT.) | (100-6) | 18 | Generic Elective- 4 (If SKT.) | (100-6) |
| | (6+6+6+6+4+6 = 28 Credits) | 500 Marks | | (6+6+6+6+4+6 = 28 Credits) | 500 Marks |
| 3rd Year (8 Papers : 800 Marks) | | | | | |
| Sl. No. | Semester – V | Marks- Credits | Sl. No. | Semester-VI | Marks- Credits |
| 19 | Core Course (SKT.)-11 | (100 -6) | 23 | Core Course (SKT.)-13 | (100-6) |
| 20 | Core Course (SKT.)-12 | (100 -6) | 24 | Core Course (SKT.)-14 | (100-6) |
| 21 | DSE (SKT) – 1 | (100 -6) | 25 | DSE (SKT) – 3 | (100-6) |
| 22 | DSE (SKT) – 2 | (100-6) | 26 | DSE (SKT) – 4 (Project) | (100-6) |
| | (6+6+6+6 = 24 Credits) | 400 Marks | | (6+6+6+6 = 24 Credits) | 400 Marks |
| <p>Grand Total: 26 Papers Grand Total Credits: 148(22+22+28+28+24+24) Grand Total Marks: 2600 (400+400+500+500+400+400) CC= Core Course-1400 DSE= Discipline Specific Elective-400 GE= Generic Elective- 400 SEC= Skill Enhancement Course- 200 AECC= Ability Enhancement Compulsory Course- 200</p> <p>ABBREVIATION: 1. CC= Core Course, 2. DSE= Discipline Specific Elective, 3. GE= Generic Elective, 4. SEC= Skill Enhancement Course, 5. AECC= Ability Enhancement Compulsory Course</p> | | | | | |

Handwritten signatures and initials in the bottom left corner.

*B. S. Mishra
18.11.2022*

Handwritten signature and date: 18/11/22

*S. K. Mishra
18.11.22*

Handwritten signature and initials.

2022-24

STATE MODEL SYLLABUS FOR UNDERGRADUATE COURSE

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

SOCIOLOGY

(Bachelor of Arts Examination)

2022-23 & 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

SOCIOLOGY UNDERGRADUATE SYLLABUS FOR HONOURS

| SL.No | Semester | Number | Title of the Course | Marks | Credit |
|--------------|----------|--------------|---|-------------|------------|
| 1 | 1st | DSC.H.SOC.1 | Introduction to Sociology-1 | 80+20 | 6 |
| 2 | | DSC.H.SOC.2 | Introduction to Sociology-2 | 80+20 | 6 |
| 3 | | GE.H.SOC.1 | Introduction to Sociology-1 | 80+20 | 6 |
| 4 | | AECC.H.SOC.1 | | 80+20 | 4 |
| 5 | 2nd | DSC.H.SOC.3 | Indian Society | 80+20 | 6 |
| 6 | | DSC.H.SOC.4 | Sociology of Environment | 80+20 | 6 |
| 7 | | GE.H.SOC.2 | Indian Society | 80+20 | 6 |
| 8 | | AECC.H.SOC.2 | | 80+20 | 4 |
| 9 | 3rd | DSC.H.SOC.5 | Classical Sociological Thinkers | 80+20 | 6 |
| 10 | | DSC.H.SOC.6 | Social Change & Development | 80+20 | 6 |
| 11 | | DSC.H.SOC.7 | Sociology of Gender | 80+20 | 6 |
| 12 | | GE.H.SOC.3 | Social Change and Development | 80+20 | 6 |
| 13 | | SEC SOC.1 | Political Sociology | 80+20 | 4 |
| 14 | 4th | DSC.H.SOC.8 | Rural Sociology | 80+20 | 6 |
| 15 | | DSC.H.SOC.9 | Globalization & Society | 80+20 | 6 |
| 16 | | DSC.H.SOC.10 | Marriage, Family and Kinship | 80+20 | 6 |
| 17 | | GE.H.SOC.4 | Rural Sociology | 80+20 | 6 |
| 18 | | SEC SOC.2 | Industrial Sociology | 80+20 | 4 |
| 19 | 5th | DSC.H.SOC.11 | Research Methodology | 80+20 | 6 |
| 20 | | DSC.H.SOC.12 | Social Movements in India | 80+20 | 6 |
| 21 | | DSE.H.SOC.1 | Sociology of Health | 80+20 | 6 |
| 22 | | DSE.H.SOC.2 | Sociology of Education | 80+20 | 6 |
| 23 | 6th | DSC.H.SOC.13 | Population & Society | 80+20 | 6 |
| 24 | | DSC.H.SOC.14 | Social Disorganization & Deviance | 80+20 | 6 |
| 25 | | DSE.H.SOC.3 | Urban Sociology | 80+20 | 6 |
| 26 | | DSE.H.SOC.4 | Field Work & Dissertation / Tribes of India | 80+20 | 6 |
| TOTAL | | | | 2600 | 148 |

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

ENGLISH

(Bachelor of Arts Examination)

2022-23 & 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

| | | | | |
|--|-----------|------------------------|-----------|------|
| | | | | |
| | DSE-III | Partition Literature | 06 | 100 |
| | DSE-IV | Writing for Mass Media | 06 | 100 |
| | OR | | | |
| | DSE-IV | Dissertation | 06 | 100* |
| | | | 24 | |

ENGLISH

HONOURS PAPERS:

Core Course -14 papers

Discipline Specific Elective - 4 papers (3 + 1 paper or Project)

Generic Elective for Non English students - 4 Papers. In case the University offers 2 subjects with two papers each in GE, then papers 1 and 2 will be the GE paper

Marks per paper – Midterm : 20 marks, End term : 80 marks, Total – 100 marks

Credit per paper – 6

Project (Hard Copy-80, Presentation-20)

Core Paper I

BRITISH POETRY AND DRAMA: 14TH TO 17TH CENTURIES

Introduction:

The paper seeks to introduce the students to British poetry and drama from the 14th to the 17th century. It helps students sample and explore certain seminal texts from the early modern period, covering the genesis of modern English poetry and the Renaissance that set British poetry and drama on their glorious course to greatness.

UNIT 1: Historical overview

- (i) The period is remarkable in many ways: 14th century poetry evokes an unmistakable sense of “modern” and the spirit of Renaissance is marked in the Elizabethan Drama. The Reformation brings about sweeping changes in religion and politics. A period of expansion of horizons: intellectual and geographical.

UNIT 2: Geoffrey Chaucer

- (i) *The Pardoner's Tale*

UNIT 3: Spenser: “Sonnet 34 (Amoretti)”

- (i) Shakespeare: ‘That time of the year...’ (Sonnet 73)
- (ii) Ben Jonson: “Song to Celia”
- (iii) John Donne: “Sunne Rising”

UNIT 4: Shakespeare

- (i) *Macbeth*

Text Books

- Texts as prescribed in Units 2,3,4

2023-24

SYLLABUS FOR UNDERGRADUATE
COURSE

UNDER CHOICE BASED CREDIT SYSTEM

BIOTECHNOLOGY

(Bachelor of Science Examination)

2022-23/2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

M. Panda
18.11.2022

BIOTECHNOLOGY

Framework of CBCS Syllabus for BIOTECHNOLOGY (Honours) from 2019-20

Semester – I

| Sl No | Name of the Course | Paper | CP (Credit Point) | CH (Credit Hour) | Marks |
|-------------|--------------------|--|-------------------|------------------|-------|
| 1 | Core | C1: Microbiology | 6 | 60 | 100 |
| 2 | Core | C2 : Plant Diversity & Physiology | 6 | 60 | 100 |
| 3 | GE-A | GE 1A: Paper I from either subjects [Zoology / Botany / Chemistry] | 6 | 60 | 100 |
| 4 | AECC – I | Environmental Science | 4 | 40 | 100 |
| Total Paper | | | 4 | 220 | 400 |

Semester – II

| Sl No | Name of the Course | Paper | CP (Credit Point) | CH (Credit Hour) | Marks |
|-------------|--------------------|--|-------------------|------------------|-------|
| 1 | Core | C3: Cell Biology and Genetics | 6 | 60 | 100 |
| 2 | Core | C4: Animal Diversity & Physiology | 6 | 60 | 100 |
| 3 | GE-B | GE 2B: Paper from remaining 02 subjects other than that opted in first semester [Zoology / Botany / Chemistry] | 6 | 60 | 100 |
| 4 | AECC - II | MIL Communication (Odia/ Alt English) | 4 | 40 | 100 |
| Total Paper | | | 4 | 220 | 400 |

Semester – III

| Sl No | Name of the Course | Paper | CP (Credit Point) | CH (Credit Hour) | Marks |
|-------------|--------------------|---|-------------------|------------------|-------|
| 1 | Core | C5: Molecular Biology | 6 | 60 | 100 |
| 2 | Core | C6: Biochemistry and Metabolism | 6 | 60 | 100 |
| 3 | Core | C7: Biostatistics and Computer Applications | 6 | 60 | 100 |
| 4 | GE-A | GE 3A: Paper II of the subject opted in first semester [Zoology / Botany / Chemistry] | 6 | 60 | 100 |
| 5 | SEC - 1 | SEC-1: Communicative English | 4 | 40 | 100 |
| Total Paper | | | 5 | 280 | 500 |

Semester – IV

| Sl No | Name of the Course | Paper | CP (Credit Point) | CH (Credit Hour) | Marks |
|-------|--------------------|-------|-------------------|------------------|-------|
|-------|--------------------|-------|-------------------|------------------|-------|

| | | | | | |
|-------------|---------|--|----|-----|-----|
| 1 | Core | C8: Immunology | 6 | 60 | 100 |
| 2 | Core | C9: Plant Biotechnology | 6 | 60 | 100 |
| 3 | Core | C10: Animal Biotechnology | 6 | 60 | 100 |
| 4 | GE-B | GE 4B, Paper II of the subject opted in second semester Zoology / Botany / Chemistry | 6 | 60 | 100 |
| 5 | SEC - 2 | SEC-2: Enzymology / Basics of Forensic Science / Mushroom culture/ Sericulture | 4 | 40 | 100 |
| Total Paper | | 5 | 28 | 280 | 500 |

Semester – V

| Sl No | Name of the Course | Paper | CP (Credit Point) | CH (Credit Hour) | Marks |
|-------------|--------------------|-------------------------------|-------------------|------------------|-------|
| 1 | Core | C 11: Genetic Engineering | 6 | 60 | 100 |
| 2 | Core | C 12: Genomics and Proteomics | 6 | 60 | 100 |
| 3 | DSE 1 | DSE 1: Biotechniques | 6 | 60 | 100 |
| 4 | DSE 2 | DSE 2: Bioinformatics | 6 | 60 | 100 |
| Total Paper | | 4 | 24 | 240 | 400 |

Semester – VI

| Sl No | Name of the Course | Paper | CP (Credit Point) | CH (Credit Hour) | Marks |
|-------------|--------------------|---|-------------------|------------------|-------|
| 1 | Core | C 13: Bioethics and Biosafety | 6 | 60 | 100 |
| 2 | Core | C 14: Bioprocess Engineering and Technology | 6 | 60 | 100 |
| 3 | DSE 3 | DSE 3: Bioenterpreurship | 6 | 60 | 100 |
| 4 | DSE 4 | DSE 4: Medical Microbiology (to be opted by students securing below 60%) / Project Report & Seminar* *- for students securing $\geq 60\%$ | 6 | NA | 100 |
| Total Paper | | 4 | 24 | 180 | 400 |
| Grand Total | | 26 | 148 | 1480 | 2600 |

(Project 80 + 20 Viva)

* AECC – Ability Enhancement Compulsory Course * SEC – Skill Enhancement Course

* DSE – Discipline Specific Elective * GE – Generic Elective

*Hons students has to opt two Generic Elective Subjects. *Subjects A & B (containing 2 Papers) from subjects available other than Core (Hons.) Subject. Subject - A for Semester 1 & 3 another subject B for Semester 2 & 4.

* GE – Generic Elective [To be opted by +3, Biotechnology (Hons.)]

**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

BOTANY

(Bachelor of Science Examination)

2022-23 / 2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

| Course Structure of U.G. Botany Honours | | | | |
|---|--------------------|--|--------|-------------|
| Semester | Course | Course Name | Credit | Total marks |
| Semester-I | AECC-I | | 4 | 100 |
| | C-1 (Theory) | Microbiology and Phycology | 4 | 75 |
| | C-1 (Practical) | Microbiology and Phycology | 2 | 25 |
| | C-2 (Theory) | Biomolecules and Cell Biology | 4 | 75 |
| | C-2 (Practical) | Biomolecules and Cell Biology | 2 | 25 |
| | GE -1A (Theory) | Biodiversity (Microbes, Algae, Fungi & Archegoniate) | 4 | 75 |
| | GE -1A(Practical) | Biodiversity (Microbes, Algae, Fungi & Archegoniate) | 2 | 25 |
| Semester-II | AECC-II | | 4 | 100 |
| | C-3 (Theory) | Mycology and Phytopathology | 4 | 75 |
| | C-3 (Practical) | Mycology and Phytopathology | 2 | 25 |
| | C-4 (Theory) | Archegoniate | 4 | 75 |
| | C-4 (Practical) | Archegoniate | 2 | 25 |
| | GE -2A (Theory) | Plant Physiology & Metabolism | 4 | 75 |
| | GE -2A(Practical) | Plant Physiology & Metabolism | 2 | 25 |
| Semester-III | C-5 (Theory) | Anatomy of Angiosperms | 4 | 75 |
| | C-5 (Practical) | Anatomy of Angiosperms | 2 | 25 |
| | C-6 (Theory) | Economic Botany | 4 | 75 |
| | C-6 (Practical) | Economic Botany | 2 | 25 |
| | C-7 (Theory) | Genetics | 4 | 75 |
| | C-7 (Practical) | Genetics | 2 | 25 |
| | SEC-1 | | 4 | 100 |
| | GE -1B (Theory) | Plant Ecology & Taxonomy | 4 | 75 |
| | GE -1B (Practical) | Plant Ecology & Taxonomy | 2 | 25 |
| Semester-IV | C-8 (Theory) | Molecular Biology | 4 | 75 |
| | C-8 (Practical) | Molecular Biology | 2 | 25 |
| | C-9 (Theory) | Plant Ecology & Phytogeography | 4 | 75 |

Planet physiology
&
Metabolic

Plant Anatomy
&
Embryology

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| | C-9 (Practical) | Plant Ecology & Phytogeography | 2 | 25 |
| | C-10 (Theory) | Plant Systematics | 4 | 75 |
| | C-10 (Practical) | Plant Systematics | 2 | 25 |
| | SEC II | | 4 | 100 |
| | GE-2B (Theory) | Plant Anatomy , Embryology & Biotechnology | 4 | 75 |
| | GE-2B(Practical) | Plant Anatomy , Embryology & Biotechnology | 2 | 25 |
| Semester-V | C-11 (Theory) | Reproductive Biology of Angiosperms | 4 | 75 |
| | C-11 (Practical) | Reproductive Biology of Angiosperms | 2 | 25 |
| | C-12 (Theory) | Plant Physiology | 4 | 75 |
| | C-12 (Practical) | Plant Physiology | 2 | 25 |
| | DSE - 1 (Theory) | Analytical Techniques in Plants Sciences | 4 | 75 |
| | DSE - 1 (Practical) | Analytical Techniques in Plants Sciences | 2 | 25 |
| | DSE - 2 (Theory) | Natural Resource Management | 4 | 75 |
| | DSE - 2 (Practical) | Natural Resource Management | 2 | 25 |
| Semester-VI | C-13 (Theory) | Plant Metabolism | 4 | 75 |
| | C-13 (Practical) | Plant Metabolism | 2 | 25 |
| | C-14 (Theory) | Plant Biotechnology | 4 | 75 |
| | C-14 (Practical) | Plant Biotechnology | 2 | 25 |
| | DSE - 3 (Theory) | Horticulture Practices & Post Harvest Technology | 4 | 75 |
| | DSE-3 (Practical) | Horticulture Practices & Post Harvest Technology | 2 | 25 |
| | DSE - 4 (Theory+Practical) /Project work** | Industrial & Environmental Microbiology /Project Work** Dissertation | 6 | 100 |
| Total | | | 148 | 2600 |

M. S. 15.09.23

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M. S. 18.11.22

M. S. 18.11.2022

M. S. 18.11.22

M. S. 15.09.2023

M. S.

**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

CHEMISTRY

(Bachelor of Science Examination)

2022-23/2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

Course structure of UG Chemistry Honours

| Semester | Course | Course Name | Credits | Total marks |
|------------|-----------------|----------------------------|-----------|-------------|
| I | AECC-I | AECC-I | 04 | 100 |
| | C-I | Inorganic Chemistry-I | 04 | 75 |
| | C-I Practical | Inorganic Chemistry-I Lab | 02 | 25 |
| | C-II | Physical Chemistry-I | 04 | 75 |
| | C-II Practical | Physical Chemistry-I Lab | 02 | 25 |
| | GE-I | GE-I | 04 | 75 |
| | GE-I Practical | GE-I Lab | 02 | 25 |
| | | | 22 | 400 |
| II | AECC-II | AECC-II | 04 | 100 |
| | C-III | Organic Chemistry-I | 04 | 75 |
| | C-III Practical | Organic Chemistry-I Lab | 02 | 25 |
| | C-IV | Physical Chemistry-II | 04 | 75 |
| | C-IV Practical | Physical Chemistry-II | 02 | 25 |
| | GE-II | GE-II | 04 | 75 |
| | GE-II Practical | GE-II Lab | 02 | 25 |
| | | | 22 | 400 |
| III | C-V | Inorganic Chemistry-II | 04 | 75 |
| | C-V Practical | Inorganic Chemistry-II Lab | 02 | 25 |
| | C-VI | Organic Chemistry-II | 04 | 75 |
| | C-VI Practical | Organic Chemistry-II Lab | 02 | 25 |
| | C-VII | Physical Chemistry-III | 04 | 75 |
| | C-VII Practical | Physical Chemistry-III Lab | 02 | 25 |

| | | | | |
|-----------------|------------------|-----------------------------|----------------|--------------------|
| | GE-III | GE-III | 04 | 75 |
| | GE-III Practical | GE-III Lab | 02 | 25 |
| | SEC-I | SEC-I | 04 | 100 |
| | | | 28 | 500 |
| IV | C-VIII | Inorganic Chemistry-III | 04 | 75 |
| | C-VIII Practical | Inorganic Chemistry-III Lab | 02 | 25 |
| | C-IX | Organic Chemistry-III | 04 | 75 |
| | C-IX Practical | Organic Chemistry-III Lab | 02 | 25 |
| | C-X | Physical Chemistry-IV | 04 | 75 |
| | C-X Practical | Physical Chemistry-IV Lab | 02 | 25 |
| | GE-IV | GE-IV (Theory) | 04 | 75 |
| | GE-IV Practical | GE-IV (Practical) | 02 | 25 |
| | SEC-II | SEC-II | 04 | 100 |
| | | | 28 | 500 |
| Semester | Course | Course Name | Credits | Total marks |
| V | C-XI | Organic Chemistry-IV | 04 | 75 |
| | C-XI Practical | Organic Chemistry-IV | 02 | 25 |
| | C-XII | Physical Chemistry-V | 04 | 75 |
| | C-XII Practical | Physical Chemistry-V | 02 | 25 |
| | DSE-I | DSE-I | 04 | 75 |
| | DSE-I Practical | DSE-I Lab | 02 | 25 |
| | DSE-II | DSE-II | 04 | 75 |
| | DSE-II Practical | DSE-II Lab | 02 | 25 |
| | | | 24 | 400 |
| VI | C-XIII | Inorganic Chemistry- IV | 04 | 75 |
| | C-XIII Practical | Inorganic Chemistry-IV | 02 | 25 |

| | | | | |
|--|-------------------|---------------------|------------|-------------|
| | C-XIV | Organic Chemistry-V | 04 | 75 |
| | C-XIV Practical | Organic Chemistry-V | 02 | 25 |
| | DSE-III | DSE-III | 04 | 75 |
| | DSE-III Practical | DSE-III Lab | 02 | 25 |
| | DSE-IV | DSE-IV | 04 | 75 |
| | DSE-IV Practical | DSE-IV Lab | 02 | 25 |
| | OR | | | |
| | DSE-IV | Dissertation | 06 | 100* |
| | | | 24 | 400 |
| | | TOTAL | 148 | 2600 |

Discipline Specific Elective Papers: (Credit: 06 each)

(4 papers to be selected by students of Chemistry Honours): DSE (1-IV)

1. Polymer Chemistry
2. Green Chemistry
3. Industrial Chemicals & Environment
4. Inorganic Materials of Industrial Importance
5. *Dissertation (can be opted as alternative of DSE-IV only and of 6 credits. **Dissertation content: 60, Seminar cumViva: 20**)
6. Analytical Methods in Chemistry (Alternative)

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

COMPUTER SCIENCE

(Bachelor of Science Examination)

2022-23 / 2023 - 24



BANKI COLLEGE (AUTONOMOUS)
BANKI

| SEME STER | COURSE OPTED | COURSE NAME | CREDITS |
|------------------------------|---|--------------------------------------|---------|
| I | Ability Enhancement Course-1 | AEC-1 (Environmental Science) | 2 |
| | Core Course-1 | Programming using C | 4 |
| | Core Course-1 Practical | Programming using C LAB | 2 |
| | Core Course-2 | Digital Logic | 4 |
| | Core Course-2 Practical | Digital Logic Lab | 2 |
| | Generic Elective-1 | GE-1 | 4 |
| | Generic Elective-1 Practical | GE-1 Tutorial/ LAB | 2 |
| II | Ability Enhancement Course-2 | AEC-2 (English Communication/MIL) | 2 |
| | Core Course-3 | Programming using C++ | 4 |
| | Core Course-3 Practical | Programming using C++ LAB | 2 |
| | Core Course-4 | Data Structures | 4 |
| | Core Course-4 Practical | Data Structures LAB | 2 |
| | Generic Elective-2 | GE-2 | 4 |
| | Generic Elective-2 Practical | GE-2 Tutorial/ LAB | 2 |
| III | Core Course-5 | JAVA Programming | 4 |
| | Core Course-5 Practical | JAVA Programming LAB | 2 |
| | Core Course-6 | Database Systems | 4 |
| | Core Course-6 Practical | Database Systems LAB | 2 |
| | Core Course-7 | Discrete Mathematical Structures | 4 |
| | Core Course-7 Practical | Discrete Mathematical Structures LAB | 2 |
| | Skill Enhancement Course-1 | SEC-1 | 2 |
| | Generic Elective-3 | GE-3 | 4 |
| General Elective-3 Practical | GE-3 Tutorial/ LAB | 2 | |
| IV | Core Course-8 | Operating Systems | 4 |
| | Core Course-8 Practical | Operating Systems LAB | 2 |
| | Core Course-9 | Computer Networks | 4 |
| | Core Course-9 Practical | Computer Networks LAB | 2 |
| | Core Course-10 | Computer Graphics | 4 |
| | Core Course-10 Practical | Computer Graphics LAB | 2 |
| | Skill Enhancement Course-2 | SEC-2 | 2 |
| | Generic Elective-4 | GE-4 | 4 |
| | General Elective-4 Practical | GE-4 Tutorial/ LAB | 2 |
| V | Core Course-11 | Web Technology | 4 |
| | Core Course-11 Practical | Web Technology LAB | 2 |
| | Core Course-12 | Software Engineering | 4 |
| | Core Course-12 Practical | Software Engineering Lab | 2 |
| | Discipline Specific Elective-1 | DSE-1 | 4 |
| | Discipline Specific Elective-1 Practical | DSE-1 LAB/ Tutorial | 2 |
| | Discipline Specific Elective-2 | DSE-2 | 4 |
| | Discipline Specific Elective-2 Practical | DSE-2 LAB/ Tutorial | 2 |
| VI | Core Course-13 | Artificial Intelligence | 4 |
| | Core Course-13 Practical | Artificial Intelligence LAB | 2 |
| | Core Course-14 | Algorithm Design Techniques | 4 |
| | Core Course-14 Practical | Algorithm Design Techniques LAB | 2 |
| | Discipline Specific Elective-3 | DSE-3 | 4 |
| | Discipline Specific Elective-3 Practical | DSE-3 LAB/ Tutorial | 2 |

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|--|---|---------------------|---|
| | Discipline Specific Elective-4 | DSE-4 | 4 |
| | Discipline Specific Elective-4 Practical | DSE-4 LAB/ Tutorial | 2 |

CORE Papers: (Credit: 06 each)

- CORE – 1: Programming Using C**
- CORE – 2: Digital Logic**
- CORE – 3: Programming Using C++**
- CORE – 4: Data Structure**
- CORE – 5: Java Programming**
- CORE – 6: Database Systems**
- CORE – 7: Discrete Mathematical Structures**
- CORE – 8: Operating System**
- CORE – 9: Computer Network**
- CORE – 10: Computer Graphics**
- CORE – 11: Web Technologies**
- CORE – 12: Software Engineering**
- CORE – 13: Artificial Intelligence**
- CORE – 14: Algorithm Design Techniques**

Discipline Specific Electives (DSE) Papers:

- DSE-1: Numerical Techniques**
- DSE-2: Unix Shell Programming**
- DSE-3: Data Science**
- DSE-4: Project Work / Dissertation**

OR

Data Mining

Skill Enhancement Courses (SEC):

- SEC – 1: Python Programming.**
- SEC – 2: Android Programming.**

Ability Enhancement Courses (AEC):

- AEC – 1: Environmental Science.**
- AEC – 2: English Communication/MIL.**

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

GEOLOGY

(Bachelor of Science Examination)

2022-23 / 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

GEOLOGY

| Semester | | CORE COURSE (14) | Ability Enhancement Compulsory Course (AECC) (2) | Ability Enhancement Elective Course (AEEC) (2) (Skill Based) | Discipline Specific Elective: DSE (4) | Elective: Generic (GE) (4) |
|----------|--------|--|---|---|--|--|
| I | CC I | General geology and Quaternary geology | English Communication/ Odia/ Hindi | SEC -II | | GE-I General geology and Mineralogy |
| | CCII | Tectonics and Remote sensing | | | | |
| II | CCIII | Crystallography and Mineralogy | Environmental Studies | | | GE-II Petrology and Historical geology |
| | CCIV | Optics and Geochemistry | | | | |
| III | CCV | Igneous petrology | | SEC -I | | GE-III Structure and engineering geology |
| | CCVI | Sedimentary petrology | | | | |
| | CCVII | Metamorphic petrology | | | | |
| IV | CCVIII | Palaeontology | | | | GE-IV Applied geology |
| | CCIX | Stratigraphy | | | | |
| | CCX | Structural geology | | | | |
| V | CCXI | Processes of formation and Mineral economics | | | DSE-I Fuel Geology | |
| | CCXII | Economic geology | | | DSE-II Climate Change and Disaster Management | |
| VI | CCXIII | Groundwater and Engineering geology | | | DSE-III Earth and Climate | |
| | CC XIV | Mining and Environmental geology | | | DSE-IV Project Work / Evolution of life through time | |

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SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

PSYCHOLOGY

(Bachelor of Arts Examination)

2022-23 & 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

PSYCHOLOGY

| Framework of CBCS Syllabus for PSYCHOLOGY (Honours) from 2019-20 | | | | | |
|--|--|--|---|--|---|
| Full Forms of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSC = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject; 2 different subjects of 2 papers each). Total Marks: CC (1400) + AECC (200) + SEC (200) + DSC (400) + GE (400) = 2600 | | | | | |
| Semester | CC 14 papers 100 X 14 = 1400; Credits=14x6=84 | AECC 2 Papers 100 X 2 = 200 Credits=4x2=8 | SEC 2 Papers 100 X 2 = 200 Credits=4x2=8 | DSE 4 Papers 100 X 4 = 400 4x6=24 credits | GE 4 Papers 100 X 4 = 400 4x6=24 credits |
| I | CC-I: Introductory Psychology CC-II: Basic Developmental Processes | AECC-I: MIL Communication (Odiya/English) | | | GE Paper-I: Introductory Psychology |
| II | CC-III: Basic Psychological Processes CC-IV: Processes of Human Empowerment | AECC-II: Environmental Science | | | GE Paper-II: Basic Developmental Processes |
| II | CC-V: Statistics | | SEC-I: Communicative English | | GE Paper-III: Basic Psychological Processes |
| I | CC-VI: Social Psychology CC-VII: Environmental Psychology | | | | |
| I | CC-VIII: Psychopathology | | SEC-II: Personality & Life skill Development | | GE Paper-IV: Processes of Human Empowerment |
| V | CC-IX: Educational Psychology CC-X: Psychological Assessment | | | | |
| V | CC-XI: Organizational Behavior CC-XII: Health Psychology | | | DSE-I: Psychological Research and Measurement DSC-II: Ethics, Integrity and Aptitude | |
| V | CC-XIII: Counseling Psychology CC-XIV: Positive Psychology | | | DSC-III: Psychology of the Disability DSC-IV: Project & Field work/ Psychology of Crime | |
| I | | | | | |

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18/11/22
Smobant
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Dr. Nandy
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Dr. ...
18/11/22

Kunij
18/11/22

UAD
18/11/22

Barang
18/11/22

STATE UNIVERSITY SYLLABUS FOR
**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

MATHEMATICS

(Bachelor of Science Examination)

2022-23 | 2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

COURSE STRUCTURE FOR MATHEMATICS HONORS

| Semester | Course | Course Name | Credits |
|------------|---------|---|-----------|
| I | AECC-I | AECC-I | 04 |
| | C-I | Calculus | 04 |
| | C-I | Practical | 02 |
| | C-II | Discrete Mathematics | 05 |
| | C-II | Tutorial | 01 |
| | GE-I | GE-I | 05 |
| | GE-I | Tutorial | 01 |
| | | | 22 |
| II | AECC-II | AECC-II | 04 |
| | C-III | Real Analysis | 05 |
| | C-III | Tutorial | 01 |
| | C-IV | Differential equations | 04 |
| | C-IV | Practical | 02 |
| | GE-II | GE-II | 05 |
| | GE-II | Tutorial | 01 |
| | | | 22 |
| III | C-V | Theory of Real functions | 05 |
| | C-V | Tutorial | 01 |
| | C-VI | Group Theory-I | 05 |
| | C-VI | Tutorial | 01 |
| | C-VII | Partial differential equations and system of ODEs | 04 |
| | | | |

| | | | |
|-----------------|---------------|--|----------------|
| | C-VII | Practical | 02 |
| | GE-III | GE-III | 05 |
| | GE-III | Tutorial | 01 |
| | SECC-I | SECC-I | 04 |
| | | | 28 |
| IV | C-VIII | Numerical Methods and Scientific Computing | 04 |
| | C-VIII | Practical | 02 |
| | C-IX | Topology of Metric spaces | 05 |
| | C-IX | Tutorial | 01 |
| | C-X | Ring Theory | 05 |
| | C-X | Tutorial | 01 |
| | GE-IV | GE-IV (Theory) | 05 |
| | GE-IV | Tutorial | 01 |
| | SECC-II | SECC-II | 04 |
| | | | |
| Semester | Course | Course Name | Credits |
| V | C-XI | Multivariable Calculus | 05 |
| | C-XI | Tutorial | 01 |
| | C-XII | Linear Algebra | 05 |
| | C-XII | Tutorial | 01 |
| | DSE-I | Linear Programming | 05 |
| | DSE-I | Tutorial | 01 |
| | DSE-II | Probability and Statistics | 05 |
| | DSE-II | Tutorial | 01 |

| | | | |
|-----------|---------|-----------------------|------------|
| | | | 24 |
| VI | C-XIII | Complex analysis | 05 |
| | C-XIII | Tutorial | 01 |
| | C-XIV | Group Theory-II | 05 |
| | C-XIV | Tutorial | 01 |
| | DSE-III | Differential Geometry | 05 |
| | DSE-III | Tutorial | 01 |
| | DSE-IV | Number Theory/Project | 06 |
| | | | 24 |
| | | TOTAL | 148 |

STATE MODEL SYLLABUS FOR
UNDERGRADUATE COURSE IN
**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

PHYSICS

(Bachelor of Science Examination)

2022-23 / 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

Course structure of UG Physics Honors

| SEMESTER | COURSE OPTED | COURSE NAME | Credits |
|------------------------------------|--|-----------------------------------|---------|
| I 4 Papers (400 Marks) | Ability Enhancement Compulsory Course-I | AECC-1 | 4 |
| | Core course-I | Mathematical Physics-I | 4 |
| | Core Course-I Practical/Tutorial | Mathematical Physics-I Lab | 2 |
| | Core course-II | Mechanics | 4 |
| | Core Course-II Practical/Tutorial | Mechanics Lab | 2 |
| | Generic Elective -1 | GE-1 | 4/5 |
| | Generic Elective -1 | Practical/Tutorial | 2/1 |
| II 4 Papers (400 Marks) | Ability Enhancement Compulsory Course-II | AECC-II | 4 |
| | Core course-III | Electricity and Magnetism | 4 |
| | Core Course-III Practical/Tutorial | Electricity and Magnetism Lab | 2 |
| | Core course-IV | Waves and Optics | 4 |
| | Core Course-IV Practical/Tutorial | Waves and Optics Lab | 2 |
| | Generic Elective -2 | GE-2 | 4/5 |
| | Generic Elective -2 | Practical/Tutorial | 2/1 |
| III 5 Papers (500 Marks) | Core course-V | Mathematical Physics-II | 4 |
| | Core Course-V Practical/Tutorial | Mathematical Physics-II Lab | 2 |
| | Core course-VI | Thermal Physics | 4 |
| | Core Course-VI Practical/Tutorial | Thermal Physics Lab | 2 |
| | Core course-VII | Analog Systems and Applications | 4 |
| | Core Course-VII Practical/Tutorial | Analog Systems & Applications Lab | 2 |
| | Skill Enhancement Compulsory Course -1 | SECC-1 | 4 |
| | Generic Elective -3 | GE-3 | 4/5 |
| | Generic Elective -3 | Practical/Tutorial | 2/1 |

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| IV 5 Papers (500 Marks) | Core course-VIII | Mathematical Physics III | 4 |
| | Core Course-VII Practical/Tutorial | Mathematical Physics-III Lab | 2 |
| | Core course-IX | Elements of Modern Physics | 4 |
| | Core Course-IX Practical/Tutorial | Elements of Modern Physics Lab | 2 |
| | Core course-X | Digital Systems and Applications | 4 |
| | Core Course-X Practical/Tutorial | Digital Systems & Applications Lab | 2 |
| | Skill Enhancement Compulsory Course -2 | SECC -2 | 4 |
| | Generic Elective -4 | GE-4 | 4/5 |
| | Generic Elective -4 | Practical/Tutorial | 2/1 |
| V 4 Papers (400 Marks) | Core course-XI | Quantum Mechanics & Applications | 4 |
| | Core Course-XI Practical/Tutorial | Quantum Mechanics Lab | 2 |
| | Core course-XII | Solid State Physics | 4 |
| | Core Course-XII Practical/Tutorial | Solid State Physics Lab | 2 |
| | Discipline Specific Elective -1 | DSE-1 | 4/5 |
| | Discipline Specific Elective -1 | Practical/Tutorial | 2/1 |
| | Discipline Specific Elective -2 | DSE-2 | 4/5 |
| | Discipline Specific Elective-2 | Practical/Tutorial | 2/1 |
| VI 4 Papers (400 Marks) | Core course-XIII | Electro-magnetic Theory | 4 |
| | Core Course-XIII Practical/Tutorial | Electro-magnetic Theory Lab | 2 |
| | Core course-XIV | Statistical Mechanics | 4 |
| | Core Course-XIV Practical/Tutorial | Statistical Mechanics Lab | 2 |
| | Discipline Specific Elective4 | DSE-4 | 4/5 |
| | Discipline Specific Elective -4 | Practical/Tutorial | 2/1 |
| | Or Discipline Specific Elective-4 | (Eligible Students may do a Project in DSE-IV) | 6 |
| | | Total Credits | 148 |

MS
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Rajiv
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Pranav
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SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

STATISTICS

(Bachelor of Science Examination)

2022-23 | 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

STATISTICS

| Semester | | CORE COURSE (14) | Ability Enhancement Compulsory Course (AECC) (2) | Skill Enhancement Course(SEC) | Elective: Discipline Specific DSE (4) | Elective: Generic (GE) (4) |
|----------|---------|--|---|--------------------------------------|--|---|
| I | CC I | Descriptive Statistics | English Communication/ Odia/ Hindi | SEC -II | | GE-I Statistical Methods |
| | CCII | Algebra | | | | |
| II | CCIII | Probability and Probability | Environmental Studies | | | GE-II Introductory Probability |
| | CCIV | Calculus | | | | |
| III | CCV | Sampling Distributions | | SEC -I | | GE-III Basics Of Statistical Inference |
| | CCVI | Survey Sampling & Indian Official Statistics | | | | |
| | CCVII | Mathematical Analysis | | | | |
| IV | CCV III | Statistical Inference | | | | GE-IV Applied Statistics |
| | CCIX | Linear Model | | | | |
| | CCX | Statistical Quality Control | | | | |
| V | CCXI | Stochastic Process & Queuing Theory | | | DSE-I Operations Research | |
| | CCX II | Statistical Computing Using C & R Programming | | | DSE-II Time Series Analysis | |
| VI | CCX III | Design Of Experiments | | | DSE-III Demography And Vital Statistics | |
| | CC XIV | Multivariate Analysis And Non Parametric Methods | | | DSE-IV Project Work / Econometrics | |

P.D
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Prof. 1/2
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SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

ZOOLOGY

(Bachelor of Science Examination)

2022-23 / 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

| Course Structure of U.G. Zoology Honours | | | | |
|--|----------------------|--|--------|-------------|
| Semester | Course | Course Name | Credit | Total marks |
| Semester-I | AECC I | AECC I | 4 | 100 |
| | Core I (Theory) | Non-chordates I: Protista to Pseudocoelomates | 4 | 75 |
| | Core I (Practical) | Non-chordates I: Protista to Pseudocoelomates | 2 | 25 |
| | Core II (Theory) | Principles of Ecology | 4 | 75 |
| | Core II (Practical) | Principles of Ecology | 2 | 25 |
| | ✓ GE I (Theory) | GE I (Theory) | 4 | 75 |
| | GE I (Practical) | GE I (Practical) | 2 | 25 |
| Semester-II | AECC 2 | AECC 2 | 4 | 100 |
| | Core III (Theory) | Non chordates II: Coelomates | 4 | 75 |
| | Core III (Practical) | Non chordates II: Coelomates | 2 | 25 |
| | Core IV (Theory) | Cell biology | 4 | 75 |
| | Core IV (Practical) | Cell biology | 2 | 25 |
| | ✓ GE II (Theory) | GE II (Theory) | 4 | 75 |
| | GE II (Practical) | GE II (Practical) | 2 | 25 |
| Semester-III | Core V (Theory) | Diversity of Chordates | 4 | 75 |
| | Core V (Practical) | Diversity of Chordates | 2 | 25 |
| | Core VI (Theory) | Physiology: Controlling and Coordinating systems | 4 | 75 |
| | Core VI (Practical) | Physiology: Controlling and Coordinating systems | 2 | 25 |
| | Core VII (Theory) | Fundamentals of Biochemistry | 4 | 75 |
| | Core VII (Practical) | Fundamentals of Biochemistry | 2 | 25 |
| | ✓ SEC 1 | SEC 1 <i>Communicative English</i> | 4 | 100 |
| | ✓ GE III (Theory) | GE III (Theory) | 4 | 75 |
| | GE III (Practical) | GE III (Practical) | 2 | 25 |
| Semester-IV | Core VIII (Theory) | Comparative anatomy of Vertebrates | 4 | 75 |
| | Core VIII | Comparative anatomy of | 2 | 25 |

| | | | | |
|-------------|---|---|-----|------|
| | (Practical) | Vertebrates | | |
| | Core IX (Theory) | Physiology: Life-Sustaining Systems | 4 | 75 |
| | Core IX (Practical) | Physiology: Life Sustaining Systems | 2 | 25 |
| | Core X (Theory) | Biochemistry of Metabolic Processes | 4 | 75 |
| | Core X (Practical) | Biochemistry of Metabolic Processes | 2 | 25 |
| | ✓ SEC 2 | SEC 2 <i>Qualitative & logical thinking</i> | 4 | 100 |
| | ✓ GE IV (Theory) | GE IV (Theory) | 4 | 75 |
| | GE IV (Practical) | GE IV (Practical) | 2 | 25 |
| Semester-V | Core XI (Theory) | Molecular Biology | 4 | 75 |
| | Core XI (Practical) | Molecular Biology | 2 | 25 |
| | Core XII (Theory) | Principles of Genetics | 4 | 75 |
| | Core XII (Practical) | Principles of Genetics | 2 | 25 |
| | DSE I (Theory) | DSE 1 | 4 | 75 |
| | DSE I (Practical) | DSE 1 | 2 | 25 |
| | DSE II (Theory) | DSE II | 4 | 75 |
| | DSE II (Practical) | DSE II | 2 | 25 |
| Semester-VI | Core XIII (Theory) | Developmental Biology | 4 | 75 |
| | Core XIII (Practical) | Developmental Biology | 2 | 25 |
| | Core XIV (Theory) | Evolutionary Biology | 4 | 75 |
| | Core XIV (Practical) | Evolutionary Biology | 2 | 25 |
| | DSE III (Theory) | DSE III | 4 | 75 |
| | DSE III (Practical) | DSE III | 2 | 25 |
| | DSE IV (Theory with Practical /Project) | Project/ Economic Zoology | 6 | 100 |
| Total | | | 148 | 2600 |

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

COMMERCE

(Bachelor of Commerce Examination)

2022-23/ 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

U.G. Commerce Common Syllabus, Odisha

| Paper | Subject | Paper Code | Full Marks | End-term Marks | Mid-term Marks | Credit Points |
|---------------------|---|------------|------------|--------------------|----------------|---------------|
| Semester I | | | | | | |
| 1.1 | Environmental Science | AECC -1 | 100 | 80 | 20 | 4 |
| 1.2 | Financial Accounting | CORE-1 | 100 | 80 | 20 | 6 |
| 1.3 | Business Law | CORE-2 | 100 | 80 | 20 | 6 |
| 1.4 | Micro Economics | GE-1 | 100 | 80 | 20 | 6 |
| Total | | | 400 | | | 22 |
| Semester II | | | | | | |
| 2.1 | MIL | AECC-2 | 100 | 80 | 20 | 4 |
| 2.2 | Cost Accounting | CORE-3 | 100 | 80 | 20 | 6 |
| 2.3 | Corporate Law | CORE-4 | 100 | 80 | 20 | 6 |
| 2.4 | Macro & Indian Economy | GE-2 | 100 | 80 | 20 | 6 |
| Total | | | 400 | | | 22 |
| Semester III | | | | | | |
| 3.1 | Corporate Accounting | CORE-5 | 100 | 80 | 20 | 6 |
| 3.2 | Income-tax Law and Practice | CORE-6 | 100 | 80 | 20 | 6 |
| 3.3 | Management Principles and Application | CORE-7 | 100 | 80 | 20 | 6 |
| 3.4 | Business Statistics | GE-3 | 100 | 80 | 20 | 6 |
| 3.5 | E-Commerce | SEC-1 | 100 | 80 | 20 | 4 |
| Total | | | 500 | | | 28 |
| Semester IV | | | | | | |
| 4.1 | GST and Indirect Taxes | CORE-8 | 100 | 80 | 20 | 6 |
| 4.2 | Fundamentals of Data Management (End Term Exam = 60, Practical = 25, Mid-term = 15) | CORE-9 | 100 | 60 25 Practical | 15 | 6 |
| 4.3 | Management Accounting | CORE-10 | 100 | 80 | 20 | 6 |
| 4.4 | Principles of Marketing | GE-4 | 100 | 80 | 20 | 6 |
| 4.5 | Entrepreneurship Development and Business Ethics | SEC-2 | 100 | 80 | 20 | 4 |
| Total | | | 500 | | | 28 |
| Semester V | | | | | | |
| 5.1 | Computerized Accounting & E-filing of Tax Returns (End Term Exam = 60, Practical = 25, Mid-term = 15) | CORE-11 | 100 | 60 25 Practical | 15 | 6 |
| 5.2 | Fundamentals of Financial | CORE-12 | 100 | 80 | 20 | 6 |

| | | | | | | | |
|--------------------|--|--|---------|-------------|----------------------------------|----|------------|
| | Management | | | | | | |
| 5.3 | Elective I (Any one of the following) | | DSE-1 | 100 | 80 | 20 | 6 |
| ✓ | A. Accounting and Finance | Financial Markets, Institutions & Services | | | | | |
| | B. Banking and Insurance | Indian Banking and Insurance System | | | | | |
| ✓ | C. Management | Human Resource Management | | | | | |
| 5.4 | Elective II (Any one of the following) | | DSE-2 | 100 | 80 | 20 | 6 |
| ✓ | A. Accounting and Finance | Financial Statement Analysis and Reporting | | | | | |
| | B. Banking and Insurance | Merchant Banking and Financial Services | | | | | |
| ✓ | C. Management | International Business | | | | | |
| | Total | | | 400 | | | 24 |
| Semester VI | | | | | | | |
| 6.1 | Auditing and Corporate Governance | | CORE-13 | 100 | 80 | 20 | 6 |
| 6.2 | Business Mathematics | | CORE-14 | 100 | 80 | 20 | 6 |
| 6.3 | Elective III (Any one of the following) | | DSE-3 | 100 | 80 | 20 | 6 |
| ✓ | A. Accounting and Finance | Fundamentals of Corporate Tax Planning | | | | | |
| | B. Banking and Insurance | Fundamentals of Investment | | | | | |
| ✓ | C. Management | Consumer Affairs and Customer Care | | | | | |
| 6.4 | Business Research Methods and Project work | End Term Exam = 50 Project = 30 Viva-voce = 20 | DSE-4 | 100 | 50 30 Project 20 Viva-voce | | 6 |
| | Total | | | 400 | | | 24 |
| | Grand Total | | | 2600 | | | 148 |

The course will remain on track as per State model syllabus. only DSE papers will be conducted as Accounting & finance/management group.

Jyoti Mishra Mandal 18-11-22
Jaiminee Samal
Sudeepa Parida
Chintooja Chatterjee 18-11-22

Ashish Kumar Padhi 18/11/22
Tushar Ranjan Saini 18/11/22
Priyanka Behera 18/11/22

Date 18-11-22
Prof. M. S. Das
18-11-22

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18/11/22

SYLLABUS FOR UNDERGRADUATE
COURSE

UNDER CHOICE BASED CREDIT SYSTEM

HISTORY

(Bachelor of Arts Examination)

2022-23 & 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

| Course Structure of U.G. History Honours | | | | |
|--|---------|---|--------|-------------|
| Semester | Course | Course Name | Credit | Total marks |
| Semester-I | AECC-I | AECC-I | 4 | 100 |
| | C 1 | History of India-I | 6 | 100 |
| | C 2 | Social Formations and Cultural Patterns of the Ancient World | 6 | 100 |
| | GE-I | History of India-I (Early Times to 1750) | 6 | 100 |
| Semester-II | AECC-II | AECC-II | 4 | 100 |
| | C 3 | History of India-II | 6 | 100 |
| | C 4 | Social Formations and Cultural Patterns of the Medieval World | 6 | 100 |
| | GE-II- | History of India – II (1750-1950) | 6 | 100 |
| Semester-III | C 5 | History of India-III(c.750-1206) | 6 | 100 |
| | C 6 | Rise of Modern West-I | 6 | 100 |
| | C 7 | History of India-IV(c.1206-1526) | 6 | 100 |
| | GE-III- | Rise of the Modern West – I | 6 | 100 |
| | SEC-I | SEC-I | 4 | 100 |
| Semester-IV | C 8 | Rise of Modern West-II | 6 | 100 |
| | C 9 | History of India-V(c.1526-1750) | 6 | 100 |
| | C 10 | Historical Theories and Methods | 6 | 100 |
| | SEC-II | SEC-II | 4 | 100 |
| | GE-IV | Rise of the Modern West – II | 6 | 100 |
| Semester-V | C 11 | History of Modern Europe-I(c.1780-1880) | 6 | 100 |
| | C 12 | History of India-VII(1750-1857) | 6 | 100 |
| | DSE-I | History and Culture of Odisha - I | 6 | 100 |
| | DSE-II | History and Culture of Odisha - II | 6 | 100 |

| | | | | |
|-----------------|---------|---|------------|-------------|
| Semester- VI | C 13 | History of India- VIII(C.1857-1950) | 6 | 100 |
| | C 14 | History of Modern Europe-II(1880-1939) | 6 | 100 |
| | DSE-III | History and Culture of Odisha- III | 6 | 100 |
| | DSE-IV | Project Report | 6 | 100 |
| Total | | | 148 | 2600 |

**STATE MODEL SYLLABUS FOR
SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

EDUCATION

(Bachelor of Arts Examination)

2022-23 & 2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

Course structure of UG Education Honours

| Semester | Course | Course Name | Credits | Total marks |
|------------|------------------|---------------------------------------|---------|-------------|
| I | AEC-I | AEC-I | 04 | 100 |
| | C-I | Educational Philosophy | 04 | 75 |
| | C-I Practical | | 02 | 25 |
| | C-II | Educational Psychology | 04 | 75 |
| | C-II Practical | | 02 | 25 |
| | GE-I | GE-I | 04 | 75 |
| | GE-I Practical | | 02 | 25 |
| | | | | 20 |
| II | AEC-II | AEC-II | 04 | 100 |
| | C-III | Educational Sociology | 04 | 75 |
| | C-III Practical | | 02 | 25 |
| | C-IV | Changing Pedagogical Perspective | 04 | 75 |
| | C-IV Practical | | 02 | 25 |
| | GE-II | GE-II | 04 | 75 |
| | GE-II Practical | | 02 | 25 |
| | | | | 20 |
| III | C-V | Educational Assessment and Evaluation | 04 | 75 |
| | C-V Practical | | 02 | 25 |
| | C-VI | Educational Research | 04 | 75 |
| | C-VI Practical | | 02 | 25 |
| | C-VII | Statistics in Education | 04 | 75 |
| | C-VII Practical | | 02 | 25 |
| | GE-III | GE-III | 04 | 75 |
| | GE-III Practical | | 02 | 25 |
| SEC-I | SEC-I | 04 | 100 | |

BA Education (Honours, Elective & Pass) Syllabus 2019-2020

| | | | 26 | |
|------------------|--|---|-----------|-------------|
| IV | C-VIII | History of Education in India | 04 | 75 |
| | C-VIII Practical | | 02 | 25 |
| | C-IX | Curriculum Development | 04 | 75 |
| | C-IX Practical | | 02 | 25 |
| | C-X | Guidance and Counseling | 04 | 75 |
| | C-X Practical | | 02 | 25 |
| | GE-IV | GE-IV | 04 | 75 |
| GE-IV Practical | 02 | | 25 | |
| SEC-II | SEC-II | 04 | 100 | |
| | | | 26 | |
| Semester | Course | Course Name | Credits | Total marks |
| V | C-XI | Development of Education in Odisha | 04 | 75 |
| | C-XI Practical | | 02 | 25 |
| | C-XII | Information And Communication Technology in Education | 04 | 75 |
| | C-XII Practical | | 02 | 25 |
| | DSE-I | A. Pedagogy of language (English) B. Pedagogy of language (Odia) | 04 | 75 |
| | DSE-I Practical | | 02 | 25 |
| DSE-II | A. Pedagogy of Social Sciences B. Pedagogy of Mathematics | 04 | 75 | |
| DSE-II Practical | | 02 | 25 | |
| | | | 24 | |
| VI | C-XIII | Contemporary Trends and Issues in Indian Education | 04 | 75 |
| | C-XIII Practical | | 02 | 25 |
| | C-XIV | Educational Management and Leadership | 04 | 75 |
| | C-XIV Practical | | 02 | 25 |
| | DSE-III | A. Policy and Practices in School Education in India | 04 | 75 |

BA Education (Honours, Elective & Pass) Syllabus 2019-2020

| | | | | |
|--|-------------------|--|-----------|------|
| | DSE-III Practical | B. Policy and Practices in Higher Education in India | 02 | 25 |
| | DSE-IV | Inclusive Education (Theory) | 04 | 75 |
| | DSE-IV Practical | | 02 | 25 |
| | OR | | | |
| | DSE-IV | Dissertation | 06 | 100* |
| | | | 24 | |

**SYLLABUS FOR UNDERGRADUATE
COURSE**

UNDER CHOICE BASED CREDIT SYSTEM

GEOGRAPHY

(Bachelor of Science Examination)

2022-23/2023-24



**BANKI COLLEGE (AUTONOMOUS)
BANKI**

Geography

STRUCTURE OF THE SYLLABUS

Bsc

2019-20

YEAR-1

| Semester-I | Paper codes | Subjects | Marks | Credits |
|---------------|-------------|--|------------|-----------|
| Core-1 | GEOGC-1TH | Geomorphology | 70 | 4 |
| | GEOGC-1PR | Practical | 30 | 2 |
| Core-2 | GEOGC-2TH | Cartographic Techniques | 70 | 4 |
| | GEOGC-2PR | Practical | 30 | 2 |
| AECC-1 | GEOGAECC-1 | (English /M.I.L Communication)/Environmental Science | 50 | 2 |
| GE-1 (A-1) | GEOGGE-1 | Physical Basis of Geography | 70 | 4 |
| | GEOGGE-1PR | Practical | 30 | 2 |
| Total | | | 350 | 20 |

| Semester-II | Paper codes | Subjects | Marks | Credits |
|---------------|-------------|---|------------|-----------|
| Core-3 | GEOGC-3 | Climatology | 70 | 4 |
| | GEOGC-3PR | Practical | 30 | 2 |
| Core-4 | GEOGC-4 | Thematic Cartography | 70 | 4 |
| | GEOGC-4PR | Practical | 30 | 2 |
| AECC-2 | GEOGAECC-2 | Environmental Science/(English/M.I.L Communication) | 50 | 2 |
| GE-2 (A-2) | GEOGGE-2 | Indian Geography | 70 | 4 |
| | GEOGGE-2PR | Practical | 30 | 2 |
| Total | | | 350 | 20 |

Year-2

| Semester-III | Paper codes | Subjects | Marks | Credits |
|--------------|-------------|-------------------------|-------|---------|
| Core-5 | GEOGC-5 | Environmental Geography | 70 | 4 |
| | GEOGC-5PR | Practical | 30 | 2 |
| Core-6 | GEOGC-6 | Economic Geography | 70 | 4 |
| | GEOGC-6PR | Practical | 30 | 2 |

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Jos
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Saxmichat Salu
15/1/19

AMZ
D. 5.8.19

| | | | | |
|--------------------|--------------------|-------------------------------------|--------------|----------------|
| Core-7 | GEOGC-7 | Field Work and Research Methodology | 70 | 4 |
| | GEOGC-7PR | Practical | 30 | 2 |
| GE-3 (B.1) | GEOGGE-3 | Physical basis of Geography | 70 | 4 |
| | GEOGGE-3PR | Practical | 30 | 2 |
| | | Total | 450 | 26 |
| Semester-IV | Paper Codes | Subjects | Marks | Credits |
| Core-8 | GEOGC-8 | Evolution of Geographic Thought | 70 | 4 |
| | GEOGC-8PR | Practical | 30 | 2 |
| Core-9 | GEOGC-9 | Statistical Methods in Geography | 70 | 4 |
| | GEOGC-9PR | Practical | 30 | 2 |
| Core-10 | GEOGC-10 | Human Geography | 70 | 4 |
| | GEOGC-10PR | Practical | 30 | 2 |
| GE-4 (B.2) | GEOGGE-4 | Indian Geography | 70 | 4 |
| | GEOGGE-4PR | Practical | 30 | 2 |
| | | Total | 450 | 26 |

Year-3

| Semester-V | Paper Codes | Subjects | Marks | Credits |
|------------|-------------|----------------------------|-------|---------|
| Core-11 | GEOGC-11 | Geography of India | 70 | 4 |
| | GEOGC-11PR | Practical | 30 | 2 |
| Core-12 | GEOGC-12 | Remote Sensing and GIS | 70 | 4 |
| | GEOGC-12PR | Practical | 30 | 2 |
| DSE-1 | GEOGDSE-1 | Population Geography | 70 | 4 |
| | GEOGDSE-1PR | Practical | 30 | 2 |
| DSE-2 | GEOGDSE-2 | Hydrology and Oceanography | 70 | 4 |
| | GEOGDSE-2PR | Practical | 30 | 2 |
| | | Total | 400 | 24 |

Dr. Aradhana
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| Semester-VI | Paper Codes | Subjects | Marks | Credits |
|-------------|-------------|---|---------|---------|
| Core-13 | GEOGC-13 | Regional Planning and Development | 70 | 4 |
| | GEOGC-13PR | Practical | 30 | 2 |
| Core-14 | Geogc-14 | Disaster Management | 70 | 4 |
| | GEOGC-14PR | Practical | 30 | 2 |
| DSE-3 | GEOGDSE-3 | Urban Geography | 70 | 4 |
| | GEOGDSE-3PR | Practical | 30 | 2 |
| DSE-4 | GEOGDSE-4 | Project Report & Seminar Geography of odisha/practical | 70 + 30 | 6 |
| | | Total | 400 | 24 |

Dr. S. K. Patra
18/11/22

Dr. S. K. Patra
5/8/19

Dr. S. K. Patra
D. S. K. Patra

Dr. S. K. Patra
18.11.22

Dr. S. K. Patra
D. 18.11.22

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

ODIA

(Bachelor of Arts Examination)

2022-23 & 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

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15.09.23

8. [Signature]
15/09/23

9. [Signature]
Anil Kumar Pradhan

ତିନୋଟି ସମାଲୋଚନା - ବାଉରାବନ୍ଧୁ କର, ଫ୍ରେଣ୍ଡସ୍ ପବ୍ଲିଶର୍ସ, କଟକ

୪ର୍ଥ ଏକକ : ଉପନ୍ୟାସ - ମାଟିର ମଣିଷ - କାଳିନ୍ଦୀ ଚରଣ ପାଣିଗ୍ରାହୀ

ସହାୟକ ଗ୍ରନ୍ଥସୂଚୀ :

- ୧. ଓଡ଼ିଆ ଉପନ୍ୟାସ ସାହିତ୍ୟର ପରିଚୟ, ସଂ ପଠାଣୀ ପଟ୍ଟନାୟକ ଓ ଭୋଳାନାଥ ରାଉତ, ଓଡ଼ିଶା ବୁକ୍ ଷୋର, କଟକ
- ୨. କାଳିନ୍ଦୀ ଚରଣଙ୍କ କଥାସାହିତ୍ୟ - ବିଷୁପ୍ରିୟା ଓତା, ଫ୍ରେଣ୍ଡସ୍ ପବ୍ଲିଶର୍ସ, କଟକ
- ୩. ଓଡ଼ିଆ ପ୍ରବନ୍ଧ ସାହିତ୍ୟ - ବାଉରାବନ୍ଧୁ କର
- ୪. ଓଡ଼ିଆ ସମାଲୋଚନା ସାହିତ୍ୟ - ଓଡ଼ିଶା ସାହିତ୍ୟ ଏକାଡେମୀ
- ୫. ମାଟିର ମଣିଷ - କାଳିନ୍ଦୀ ଚରଣ ପାଣିଗ୍ରାହୀ

ପାଠ୍ୟ-୪/ Course - 4 : ପ୍ରବନ୍ଧ ପ୍ରସ୍ତୁତି ଓ ଉପସ୍ଥାପନା (Pass)

ସହଜ ଲିଖନ - ୮୦ + ମୌଖିକ - ୨୦ = ୧୦୦

DSE-IV
(Project)

✓ ଅନୁବାଦ ବା ସଂପାଦନା ବା ଓଡ଼ିଆ ସଂସ୍କୃତି ଉପରେ ଅନୁନ ୫୦ ପୃଷ୍ଠା ମଧ୍ୟରେ ନିବନ୍ଧ ପ୍ରସ୍ତୁତି (୨୫ମାର୍ଚ୍ଚ)
କିମ୍ବା

(ସମାଲୋଚନା, ଅନୁବାଦ, ସମ୍ପାଦନା, ଗବେଷଣା)

- ୧. ପ୍ରଥମ ଏକକ : ସମାଲୋଚନାର ସଂଜ୍ଞା, ସ୍ୱରୂପ ଓ ପ୍ରକାରଭେଦ
- ୨. ଦ୍ୱିତୀୟ ଏକକ : ଅନୁବାଦର ସଂଜ୍ଞା, ସ୍ୱରୂପ ଓ ପ୍ରକାରଭେଦ
- ୩. ତୃତୀୟ ଏକକ : ସମ୍ପାଦନା ବିଧି
- ୪. ଚତୁର୍ଥ ଏକକ : ଗବେଷଣା ପ୍ରକ୍ରିୟା

ସହାୟକ ଗ୍ରନ୍ଥସୂଚୀ

- ୧. ଗବେଷଣା ଅନୁବାଦ ସମ୍ପାଦନା କଳା - ସଂ ନାରାୟଣ ସାହୁ, ସତ୍ୟନାରାୟଣ ବୁକ୍ ଷୋର, କଟକ
- ୨. ଗବେଷଣା ପ୍ରକ୍ରିୟା - ଡ. ସୁବୋଧ ଚାଟ୍ଟାର୍ଜୀ, ବିଦ୍ୟାପୁରୀ, କଟକ
- ୩. ଗବେଷଣା ପ୍ରକରଣ: ସଂପାଦନା ଓ ଅନୁବାଦ ପ୍ରକ୍ରିୟା - କୃଷ୍ଣଚନ୍ଦ୍ର ପ୍ରଧାନ ଓ ନିର୍ମଳା କୁମାରୀ ରାଉତ

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18.11.22

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18.11.22

[Signature]

SYLLABUS FOR UNDERGRADUATE
COURSE

UNDER CHOICE BASED CREDIT SYSTEM

ENGLISH

(Master of Arts Examination)

2022-23 & 2023-24

S. Banerjee
06.09.24

M. Debnath
06.09.2024

C. Chatterjee
6.9.24

S. Chatterjee
6/9/24.

S. Chatterjee
06.09.24
A. Chatterjee
6.9.24



A. Chatterjee
6.9.24

BANKI COLLEGE (AUTONOMOUS)
BANKI

A. Chatterjee
06/09/24

A. Chatterjee
6/9/24

COURSE STRUCTURE
SEMESTER 1: Total Credits 20

| Course Code | Type of Course | Name of the Course | Credits |
|-------------|----------------|--|---------|
| CC-101 | Core Course | Literary Criticism—From Plato to Leavis | 04 |
| CC-102 | Core Course | The Age of Initiation and the Age of Exploration | 04 |
| CC-103 | Core Course | The Age of Reason | 04 |
| CC-104 | Core Course | The Age of Revolution | 04 |
| CC-105 | Core Course | The Age of Uncertainty | 04 |

SEMESTER 2: Total Credits 20

| Course Code | Type of Course | Name of the Course | Credits |
|-------------|----------------|--------------------------------------|---------|
| CC-206 | Core Course | Literary Theory | 04 |
| CC-207 | Core Course | The Age of Anxiety I | 04 |
| CC-208 | Core Course | The Age of Anxiety II | 04 |
| CC-209 | Core Course | Literatures from the World | 04 |
| CC-210 | Core Course | Research Methods in Literary Studies | 04 |

SEMESTER 3: Total Credits 20

| Course Code* | Type of Course | Name of the Course* | Credits |
|--------------|-------------------|--|---------|
| CE1-301 | Core Elective | The Romantic Period: Poets & Essayists (1820-1860) | 04 |
| CE1-302 | Core Elective | The Romantic Period: Fiction & Autobiography (1820-1860) | 04 |
| CE1-303 | Core Elective | The Rise of Realism (1820-1914) | 04 |
| AE7-301** | Allied Elective** | Popular Literature** | 04 |
| PP1-301 | M.A Project | Project Presentation | 04 |

*The Course Code and the Name of the Course will vary according to the Core Elective chosen by the student. This is a sample of the course structure if the student opts for American Literature. A list of all the Core Electives is provided on Page
 ** Similarly, the Course Code and the Name of the Course will vary according to the Allied Elective chosen by the student. This is a sample of the course structure if the student opts for Popular Literature. A list of all the Allied Electives is provided on Page

SEMESTER 4: Total Credits 20

| Course Code | Type of Course | Name of the Course | Credits |
|-------------|-----------------|---|---------|
| CE1-404 | Core Elective | Modernism & Experimentation: Poetry and Drama | 04 |
| CE1-405 | Core Elective | Twentieth Century American Fiction | 04 |
| AE7-402 | Allied Elective | Children's Literature | 04 |
| FE2-401* | Free Elective** | Travel Narratives | 04 |
| PP1-402 | M.A Project | Dissertation | 04 |

*The Course Code and the Name of the Course will vary according to the Free Elective chosen by the student. This is a sample of the course structure if the student opts for Travel Narratives. A list of all the Free Electives is provided on Page

Pratik
18/11/22

Debas
18-11-22

S. Tabasum
18-11-22

S. Tabasum
18/11/2022

S. Tabasum
18/11/2022

COURSES OF STUDIES
M.A. (HOME SCIENCE)

Choice based Credit System

1st year-2020-2021

2nd year-2021-2022



Dr. Capt. Sandhya Rani Mohanty
Banki (A) College, Banki

BANKI AUTONOMOUS COLLEGE
BANKI

Sandhya Rani Mohanty
18.11.2022

Nibedita Patra
18-11-2022

Sandhya Rani Mohanty
18.1.2021

Gayatri Mishra
18/01/2021

Indira Devi Mishra
18/01/2021

02×03=06 credit points

- ❖ Total papers covered within the Department – 13
- ❖ Papers credited from other Department – 05
- ❖ Total number of papers – 18
- ❖ Total number of credits – ¹⁰⁸102 credit points
- ❖ Total Marks – ¹⁸⁰⁰1700

Detailed Structure of Syllabus under CBCS and Semester System

SEMESTER-I

| Paper Code | Core/CE/AE/OE | Name of the Paper | Marks | | Credit Points |
|------------------|---------------|--------------------------------------|----------|----------|---------------|
| | | | Internal | Semester | |
| 1.1.1 HSC-1.1 | Hard Core-P-1 | Advanced Nutrition & Dietetics | 20 | 80 | 06 |
| 1.1.2 HSC-1.2 | Hard Core-P-2 | Human Development & Family Studies | 20 | 80 | 06 |
| 1.1.3 HSC-1.3 | Hard Core-P-3 | Home Science Extension Education | 20 | 80 | 06 |
| 1.1.4 HSC-1.4 | Hard Core-P-4 | Nutrition & Diet Therapy (Practical) | 20 | 80 | 06 |

SEMESTER-II

| Paper Code | Core/CE/AE/OE | Name of the Paper | Marks | | Credit Points |
|------------------|---------------------|-------------------------------------|----------|----------|---------------|
| | | | Internal | Semester | |
| 1.2.5 HSC-2.5 | Hard Core-P-5 | Family Resource Management | 20 | 80 | 06 |
| 1.2.6 HSC-2.6 | Hard Core-P-6 | Integrated Home Science (Practical) | 20 | 80 | 06 |
| 1.2.7 HSC-2.7 | Allied Elective-P-1 | Family Life Education | 20 | 80 | 06 |
| 1.2.8 HSC-2.8 | Allied Elective-P-2 | Guidance & Counselling | 20 | 80 | 06 |

SEMESTER-III

| Paper Code | Core/CE/AE/OE | Name of the Paper | Marks | | Credit Points |
|------------|---------------------|--|----------|----------|---------------|
| | | | Internal | Semester | |
| HSC-3.9 | Hard Core-P-7 | Research Methodology | 20 | 80 | 06 |
| HSC-3.10 | Core Elective- P-1 | Advance Human Development Or Rural Development 2022 Advance Human Development | 20 | 80 | 06 |
| HSC-3.11 | Core Elective- P-2 | Early Childhood Care & Education Or Community Development & Project Management 2022 Early Childhood Care & Education Or Community Development & Project Management | 20 | 80 | 06 |
| HSC-3.12 | Allied Elective-P-3 | Parenting Across Life Span | 20 | 80 | 06 |
| HSC-3.13 | Open Elective-P-1 | Child & Women's Right Allied (Psy) | 20 | 80 | 06 |

SEMESTER-IV

| Paper Code | Core/CE/AE/OE | Name of the Paper | Marks | | Credit Points |
|------------|--------------------|---|-----------------|----------|---------------|
| | | | Internal | Semester | |
| HSC-4.14 | Hard Core-P-8 | Textile & Clothing | 20 | 80 | 06 |
| HSC-4.15 | Hard Core-P-9 | Dissertation | (Seminar) 20 | 80 | 06 |
| HSC-4.16 | Core Elective- P-3 | Exceptional Children Or 2022 Communication In Extension Education | 20 | 80 | 06 |
| HSC-4.17 | Core Elective- P-4 | Family Studies Or 2022 Extension Education & Entrepreneurship | 20 | 80 | 06 |
| HSC-4.18 | Open Elective-P-2 | Nutrition Across Life Cycle | 20 | 80 | 06 |

Ashraf
18.11.2022

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

PSYCHOLOGY

(Master of Arts Examination)

2022 - 23 / 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

60
6/9/24
Kv
06/09/24
06/09/24
06/09/24
06/09/24
06/09/24

32
6/9/24
06/09/24

DETAILED SYLLABI
MA Programme in PSYCHOLOGY
(Programme Code PSY-1)
(Revised 2021-22)

| 1 st Semester (Autumn) | Code | Marks | Credit | 3 rd Semester(Autumn) | Code | Marks | Credit |
|--|------------|--|-----------|--|---------------------------|---|-----------|
| Paper I: Advanced General Psychology –I | PSY-1-C-1 | 100 <i>P-1.1.1</i> | 4 | Paper XI: Special Paper-I (Counselling/HRD) | PSY-1-CE-A-1/PSY-1-CE-B-1 | 100 <i>P-2.3.11</i> | 4 |
| Paper II: Advanced General Psychology –II | PSY-1-C-2 | 100 <i>P-1.1.2</i> | 4 | Paper XII: Special Paper-II (Counselling/HRM) | PSY-1-CE-A-2/PSY-1-CE-B-2 | 100 <i>P-2.3.12</i> | 4 |
| Paper III: Life Span Developmental Psychology | PSY-1-C-3 | 100 <i>P-1.1.3</i> | 4 | Paper XIII: (Elective-I) Applied Psychology: I | PSY-1-AE-1 | 100 <i>P-2.3.13</i> | 4 |
| Paper IV: Social Psychology | PSY-1-C-4 | 100 <i>P-1.1.4</i> | 4 | Paper XIV (Elective-II): Applied Psychology II OR SWYAM Online Courses | PSY-1-AE-2 | 100 <i>P-2.3.14</i> | 4 |
| Paper V: Statistics, SPSS & Computer application | PSY-1-C-5 | 50+50 <i>P-1.1.5</i> <i>30+70</i> | 6 | Paper XV: Psychological (Personality) Testing and Field visit <i>Pract.</i> | PSY-1-C-11 | 50+50 <i>P-2.3.15</i> <i>30+70</i> | 6 |
| Total | | 500 | 22 | Total | | 500 | 22 |
| 2 nd Semester (Spring) | Code | Marks | Credit | 4 th Semester (Spring) | Code | Marks | Credit |
| Paper VI: Research Methodology | PSY-1-C-6 | 100 <i>P-1.2.6</i> | 4 | Paper XVI: Internship (100) | PSY-1-C-12 | 100 <i>P-2.4.16</i> | 8 |
| Paper VII: Educational Psychology | PSY-1-C-7 | 100 <i>P-1.2.7</i> | 4 | Paper XVII & XVIII: Thesis/Term Paper (200) | PSY-1-C-13 | 200 <i>P-2.4.17</i> <i>P-2.4.18</i> | 16 |
| Paper VIII: Clinical Psychology | PSY-1-C-8 | 100 <i>P-1.2.8</i> | 4 | Paper XIX: Film Appreciation <i>Pract.</i> | PSY-1-FE-1 | 100 <i>P-2.4.19</i> | 4 |
| Paper IX: Organisational Psychology | PSY-1-C-9 | 100 <i>P-1.2.9</i> | 4 | Paper XX: Observation & Seminar Presentation (100) | PSY-1-C-14 | 50+50 <i>P-2.4.20</i> <i>30+70</i> | 6 |
| Paper X: Psychological (Ability) Testing and Seminar Presentation <i>Pract.</i> | PSY-1-C-10 | 50+50 <i>P-1.2.10</i> <i>30+70</i> | 6 | | | | |
| Total | | 500 | 22 | Total | | 500 | 34 |
| GRAND TOTAL MARKS: 2000 | | | | TOTAL CREDIT : 100 | | | |

Wadhwa 18/11/22
Smehant 18-11/22
Prantik 18-11-22
Kumar 06/09/24
Usha 06/09/24
AD 18/11/22
Kumar 18/11/22
Usha 18/11/22
Prantik 06/09/24
Usha 06/09/24
Prantik 06/09/24
Usha 06/09/24

SYLLABUS FOR UNDERGRADUATE COURSE

UNDER CHOICE BASED CREDIT SYSTEM

ZOOLOGY

(Master of Science Examination)

2022-23 / 2023-24



BANKI COLLEGE (AUTONOMOUS)
BANKI

MSc. CBCS SYLLABUS IN ZOOLOGY-2020
SEMESTER-I (ODD)

✓ **A. CORE COURSES**

| Course No | Course Title | Lectures | Credits | Marks |
|-----------|--|----------|---------|-------|
| ZOO-101 | Biosystematics, Bioinformatics and Non-Chordates | 40 | 6 | 100 |
| ZOO-102 | Cell Biology and Genetics | 40 | 6 | 100 |
| ZOO-103 | Physiology, Histology and Histochemistry | 40 | 6 | 100 |
| ZOO-104 | Instrumentation and Biostatistics | 40 | 6 | 100 |
| ZOO-105 | Practical related to theory papers | 60 | 6 | 100 |

Total Credits-30, Marks-500

✓ **SEMESTER-II (EVEN)**

A. CORE COURSES

| Course No | Course Title | Lectures | Credits | Marks |
|-----------|--|----------|---------|-------|
| ZOO-201 | Biophysics and Biochemistry | 40 | 6 | 100 |
| ZOO-202 | Microbiology and Immunology | 40 | 6 | 100 |
| ZOO-203 | Endocrinology and Reproductive Physiology | 40 | 6 | 100 |
| ZOO-204 | Evolutionary Biology and Animal Behaviour OR A 6 credit SWAYAM course as per availability and relevance | 40 | 6 | 100 |
| ZOO-205 | Practical related to theory papers | 60 | 6 | 100 |

Total Credits-30, Marks-500

✓ **SEMESTER-III (ODD)**

B. CORE COURSES

| Course No | Course Title | Lectures | Credits | Marks |
|-----------|---|----------|---------|-------|
| ZOO-301 | Chordates, Comparative Anatomy and Economic Zoology | 40 | 6 | 100 |
| ZOO-302 | Developmental Biology | 40 | 6 | 100 |
| ZOO-305 | Practical related to theory papers | 60 | 6 | 100 |

C. ALLIED ELECTIVE COURSE *

| Course No. | Course Title Environment, | Lectures | Credits | Marks |
|------------|---|----------|---------|-------|
| ZOO-303 | Environmental Biology and Wildlife Conservation | 40 | 6 | 100 |
| ZOO-304 | Animal Physiology and Developmental Biology | 40 | 6 | 100 |

Total Credits-30, Marks-500

* Open for students of allied Department

D. FREE ELECTIVE COURSE (Open to students of all Post Graduate Departments)

| Course No. | Course Title | Lectures | Credits | Marks |
|------------|---------------------------------------|----------|---------|-------|
| ZFC-1 | Wildlife | 40 | - | - |
| ZFC-2 | Conservation Biology and Biodiversity | 40 | - | - |

Credits-0

E. CORE ELECTIVE COURSES (If more than one of these courses are offered in a year, a student is required to choose only **one**, i.e., 'A' or 'B' or 'C' or 'D')

Semester-IV (EVEN)

a. Molecular Biology

| Course No | Course Title | Lectures | Credits | Marks |
|-----------|---|----------|---------|-------|
| ZOO-401A | Molecular Biology, Genetic Engineering and Applications | 40 | 6 | 100 |
| ZOO-402A | Microbial Ecology and Biotechnology, and Nanobiology | 40 | 6 | 100 |
| ZOO-403A | Animal development and Neurobiology | 40 | 6 | 100 |
| ZOO-404A | Project work | - | 12 | 200 |

Total Credits-30, Marks-500

Grand Total Marks= 2000

Credits-120

SBhu
14/11/20

me

Shivani
15-11-2020

b) Organismic Biology

| Course No | Course Title | Lectures | Credits | Marks |
|-----------|---------------------------------------|----------|---------|-------|
| Zoo-401B | Structure and Function of Vertebrates | 40 | 6 | 100 |
| Zoo-402B | Population Genetics and Evolution | 40 | 6 | 100 |
| Zoo-403B | Environmental Biology and Toxicology | 40 | 6 | 100 |
| Zoo-404B | Project work | 40 | 6 | 100 |
| Zoo-405B | Practical related to theory papers | 60 | 6 | 100 |

c) Cell Biology

| Course No | Course Title | Lectures | Credits | Marks |
|-----------|---|----------|---------|-------|
| Zoo-401C | Molecular Biology and Genetic Engineering | 40 | 6 | 100 |
| Zoo-402C | Cellular and Integrative Neurobiology, Environmental Biotechnology | 40 | 6 | 100 |
| Zoo-403C | Animal Development and Vertebrate Immune System | 40 | 6 | 100 |
| Zoo-404C | Project work | 40 | 6 | 100 |
| Zoo-405C | Practical related to theory papers | 60 | 6 | 100 |

d) Medical Entomology (This paper is proposed to run at RMRC, Bhubaneswar subject to willingness and approval by Director, RMRC)

| Course No | Course Title | Lectures | Credits | Marks |
|-----------|--|----------|---------|-------|
| Zoo-401D | Morphology, Taxonomy and Biodiversity of Vectors | 40 | 6 | 100 |
| Zoo-402D | Arthropods of Public Health Importance | 40 | 6 | 100 |
| Zoo-403D | Control of Vector of Public Health Importance & Biostatistics | 40 | 6 | 100 |
| Zoo-404D | Project work | 40 | 6 | 100 |
| Zoo-405D | Practical related to theory papers | 60 | 6 | 100 |

Total Credits-30, Marks-500**Grand Total Marks= 2000****Credits-120**

FDhuc
19/11/22

Mou
27/11

Shankar
18.11.22