

SCHOOL OF BIOTECHNOLOGY GANGADHAR MEHER UNIVERSITY AMRUTA VIHAR, SAMBALPUR -768004

2024

Botany (Projects Only)

Management (Projects &

Internship)

"A DISSERTATION REPORT ON A STUDY ON PRODUCT AND BRAND STRATEGY OF ZOMATO"

submitted in partial fulfilment to the requirements for the degree of

BACHELOR OF BUSINESS ADMINISTRATION



BATCH: 2021-2024

Name: Abhisek Nayak

Roll no: UPC21BBA064

Reg. No:14575/21

Under the supervision of

Dr. Srinibash Dash

Head Of The Department

SCHOOL OF BUSINESS ADMINISTRATION

GANGADHAR MEHER UNIVERSITY, AMRUTA

VIHAR

SAMBALPUR, ODISHA-768004

"A PROJECT REPORT ON RATIO ANALYSIS AND COMPARATIVE STATEMENT OF TATA MOTORS"

A dissertation submitted for partial fulfillment of the requirements of the awards of the Degree of Master in Business Administration in Financial Management



Submitted By:-MANISHA DUNGURI Roll No.: PC22MFM- 002

UNDER THE GUIDANCE OF:-DR. SRINIBASH DASH Head Of School Of Management

SCHOOL OF MANAGEMENT

 $\begin{array}{c} {\rm GANGADHAR\,MEHER\,UNIVERSITY,AMRUT\,VIHAR\,SAMBALPUR,} \\ {\rm ODISHA.768004} \end{array}$

A Dissertation Report on

"DEVELOPMENT AND MANAGEMENT OF EMPLOYEES".

A Dissertation project report Submitted for the Degree of MBA



Session 2022-2024

Submitted By:

.

Agnel Adaikalam

ROLL NO: - PC22MBA002

Guided by:

Dr. Srinibas Dash

Head Of The Department (HOD), MBA

School of Management

GANGADHAR MEHER UNIVERSITY

Mel



अधिकारी स्थापना विभाग Executive Establishment Deptt. महानदी कोल्कील्ब्स लिमिटेड (भारत सरकार का उद्यम) MAHANADI COALFIELDS LIMITED

Ref.No.:MCL/HQ/EE/2024/ 2-39 }

Date- 20/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss **Kritika Agrawal**, a student of MBA Gangadhar Meher University, Sambalpur, has completed her summer internship project on "Strategic Planning for Employee Retention At MCL" during the period from o6.05.2024 to 20.06.2024. During the period, her conduct has been found to be satisfactory.

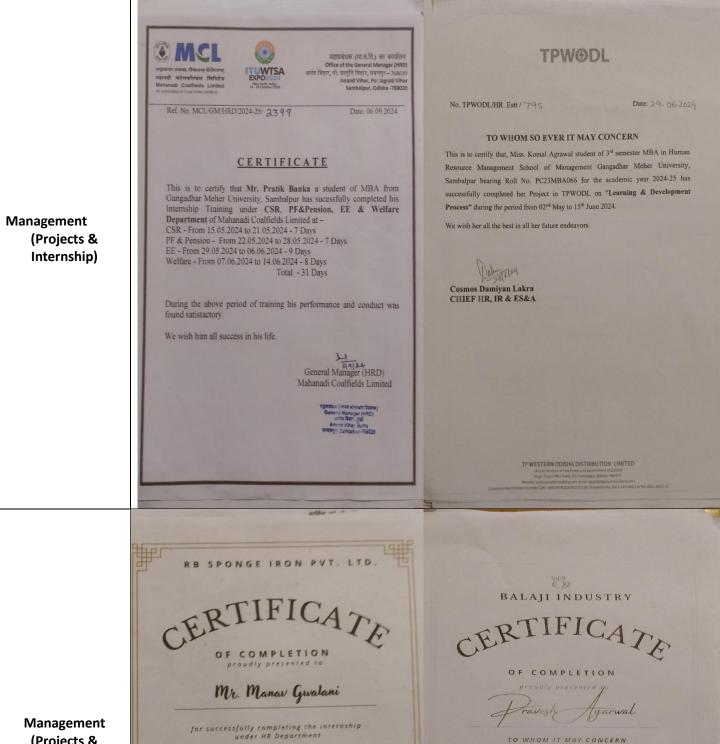
I wish her all success in her life.

Dy.GM(P)/HOD(EE)
Dy.Gen.Manager (PEE)/ H
Mahanadi Coalfields Limi
Burla, Sambalpur-7680

मुख्यालयः एम.सी.एल कॉम्प्लेक्स.जागृति बिहार, बुर्ला, संबलपुर-768020 बोडिग्गाHOs: At/MCL Complex.JagrutiVihar, Burla, Sambalour-

वसुयेव कुटुम्क्कम्

E-mail: gm-ee.mcl@coalindia.in; mclhqee@gmail.com



(Projects & Internship)

TO WHOM IT MAY CONCERN

A student of MBA- of Gangodher Meher University (Session 23-25) Carryout the SIP work is my esteemed origination and his works seems to be satisfactory for the period 5th May to 20th June in the topic of Employee Welfare.



NO./HR.ESTT/128



PRATAP SAHOO

TO WHOM IT MAY CONCERN

A STUDENT OF GANGADHER MEHER UNIVERSITY (SESSION 23- 25) CARRYOUT THE SIP WORK IS MY ESTEEMED ORIGINATION AND HIS WORK SEEMS TO BE SATISFACTORY FOR THE PERIOD 5th MAY TO 20th JUNE.

sajay lem Agran







ार्मिक एवं औद्योगिक संबंध विभाव

Department of MP & IR

महानदीकोन्दीन्त्रनविदेव

(भारत गरकार का उद्याव)

MAHANADI COLLEGELED LIMITED

As Consument of India Enteration

Ref No. MCL/PD/IR/Cert./2024/399

Dated: 02.07.2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Yashika Vedi, a student of MBA, Gangadhar Meher University, Sambalpur, has completed her Summer Internship project on "A Study on Training and Development" during the period from 15.05.2024 to 30.06.2024. During this period, her conduct has been found to be satisfactory.

I wish her all success in her life.

GM (P-MP&IR/NEE), MCL

मुख्यालयः एम.सी.एलकॉम्प्लेक्स,जावृति विहार, बुन्ती, संबनपुर-768020 (बोहिजा) HOS-At/MCI. Complex JagrutiVinar. Burla. Sambalpur-768020 (Odisha)

E-mail: gm-pers.mci@coalindia.in; Ph-0663-2542653-E----0663-254249

वंशुरेव कुटुन्वकम् DNE EASTH • DNE FAMILY • DNE FUTUS

TP WESTERN ODISHA DISTRIBUTION LIMITE

(A Joint Vendors of Tala Plane and Concernment of Colonial
Broad Young Office In July, Dist Appellulary, Odishan 200 017



Date: 22nd June 2024

TO WHOM IT MAY CONCERN

This is to certify that Ms. Sakshi Kothari, a student of Gangadhar Meher University, Sambalpur, has undergone training at Aditya Aluminium, Lapanga, Sambalpur from 6th May 2024 to 20th June 2024

During the training period, she was found to be disciplined and has taken keen interest in learning different areas she was exposed to.

We wish her all the success in her life.

Bhavani Mahapatra Department Head- HR



Hindato Industries Limited

Aditys Atominium AI/P O: Lepanya, Distinct Sambalpur, Odisha, India

1: 49:663 2566 247 Fax: 49:663 2564 499 | E. hindaticollaratipatria com IVI. www.hindato.com

Registered Office: One International Center, Tower 4: 281 froz. Semigrati Baset Many, Publiadevi, Mumbal 400 01

Tel: 49:22 6697 7000 [Fax: 47:222 6697 7001

Tel: 49:22 6697 7000 [Fax: 47:222 6697 7001



Management (Projects & Internship)

Management

(Projects &

Internship





अधिकारी स्थापना विभाग Executive Establishment Deptt. महानदी कोज्फीक्ट्स निर्मिटेब (भारत मरकार का उद्यम) MAHANADI COALFIELDS LIMITED (A Government of India Enterprise)

Date-20/06/2024

K.K.HOMES

CITY CENTER MALL, SAMBALPUR Farm Road, Modipada, Sambalpur - 768 002 (ODISHA



Ref No. MCL/HO/EE/2024/ 9 396

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Sushree Satarupa Behera, a student of MBA Gangadhar Meher University, Sambalpur, has completed her summer internship project on "Satisfaction level of Employee on Current Appraisal System" during the period from o6.05.2024 to 20.06.2024. During the period, her conduct has been found to be satisfactory.

I wish her all success in her life.

Dy.GM(P)/HOD(EE)

Dy. Gen.Manager (PEE)/ HOD Mahanadi Coalfields Limited Burla, Sambalpur-768020

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. Anurag Panda, a student of Gangadhar University,

Sambalpur has conducted a study towards full or partial fulfilment of MBA Internship

Project under my guidance at "City Centre Mall, Sambalpur". He had conducted the

project under the heading "Advertising and consumer satisfaction in Smart Bazar"

at City Centre Mall, Sambalpur, during the period starting from 14th May' 2024 to 30th

June' 2024. His study was authentic and had not been done earlier. The study

conducted by him was meaningful and will help to draw a sketch about future

planning and management for the Mall.

We wish him all the success in his future.



Management (Projects & Internship)

मुख्यातयः एम.सी.एत कॉम्प्लेक्स.जागृति विहार, बुर्जा, संबसपुर-768020 ओडिशा.HQS: At/MCL Complex.JaszutlVihar, Buria, Sambalpur- 768020

वर्येपेव कुटुम्बकम्

E-mail: qm-ee.mcl@coalindia.in; mclhqee@gmail.com

MACI



अधिकारी स्वापना विभाग Executive Establishment Deptt मञ्जानदी कोल्टील्झ जिनिटेड आपन गर्मक क उपन MAHANADI COALFIELDS LIMITEC

Date 20/05/2024

Ref.No: MCL/HQ/EE/2024/ 2 39 }

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Kritika Agrawal, a student of MBA Gangadhar Meher University, Sambalpur, has completed her summer internship project on "Strategic Planning for Employee Retention At MCL" during the period from 06.05,2024 to 20.06.2024. During the period, her conduct has been found to be satisfactory.

I wish her all success in her life.

Dy.GM(P)/HOD(EE)

Dy.Gen.Manager (PEE) in
Mahanadi Cooliielus Limit
Buria, Sambaipur-7680;





कार्मिक एवं औद्योगिक संबंध निमाग Department of MP & IR महानदीकोष्ट्रीव्हातिविदेश (भारत गरवार का उद्यम, MAHANADI COALFIELDS LIMITED

Ref No. MCL/PD/IR/Cert./2024/ 3 73

Dated: 20.06.2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Kabikanya Tejaswini, a student of MBA, Gangadhar Meher University, Sambalpur, has completed her Summer Internship project on "A Study On Employee Satisfaction Towards Organization Success" during the period from 06.05.2024 to 20.06.2024 During this period, her conduct has been found to be satisfactory.

I wish her all success in her life.

GM (P-MP&IR/NEE), MCL

मुख्यातयः एम.सी.एलकॉम्प्लेक्स.जागृति विहार, बुर्जा, संबनपुर-768020 (बेबिशा) HQs: AV/MCL Complex.JagrutiVihar, Buria, Sambalpur-768020 (Odisha) E-mail: gm-pers.mci@coalindia.in; Ph: 0663-2542653, Fax: 0663-2542482

वस्थिव कुटुम्बकम्

Management (Projects & Internship)

कुर्शालय एमं कीयल के किर्देश । आर्थि (बरार इस किंद्र पर १००८ में effent HOS: AUMICL Consoler Justicity गांध विभाग Suntation Transport E-mail gm-se mol@cooling

Service States



Date: 14/06/20/24





17 JUNE-2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Urmideepa Sahoo Student of MBA (1st Year) bearing university roll number - UPC23MBA-028 (2023 - 25) of Gangadhar Meher University, Sambalpur has worked on the project titled "Evaluating & enhancing the onboarding process: Insights from a new employee survey "in our organization from 06th May, 2024 to 19th June, 2024.

During the period of her internship program with us she was punctual and hard working.

We wish her all the best for her future endeavors

For Hindalco Industries Limited Unit: Downstream Hirakud FRP

(Sameer Mohanty)

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. ANMUL KUMAR MAJHI, bearing Roll Number PC23MBA-025, pursuing MBA in GANGADHAR MEHER UNIVERSITY, SAMBALPUR, has successfully completed his Internship in our organization for the period of 40 days, at our ANGUL branch. He has worked on the loan department of our organization for his

During the period he was totally dedicated towards his work , and his behaviour was good with others.

We wish Mr. ANMUL KUMAR MAJHI a great future and success.

Place: Ingul

Date: 17/06/24



Cholamandalam Investement And Finance Company Limited

Dare house, 2, N.S.C. Bose Road Parrys, Chennai, 600001, India

Website: www.cholamandalam.com
CIN: L65993TN1978PLC007576





CERTIFICATE OF INTERNSHIP

Date: 22-6-2024

This is to certify that Ms. Sushree Jasmine Meher Student from GANGADHAR MEHER UNIVERSITY, SAMBALPUR completed her summer internship with HR Team under the guidance of Ms. Nishita Dey at Vedanta Limited, Jharsuguda from 7th May 2024 to 22rd June 2024 as per request from the above institution.

During this tenure, she has been working on "Benchmarking of TNI with different Organisations"

During her internship, she has demonstrated her skills and self-motivation to learn. Her performance during the project has exceeded our expectations and has been rated as

Excellent by the guide.

Management (Projects & Internship)

Management

(Projects &

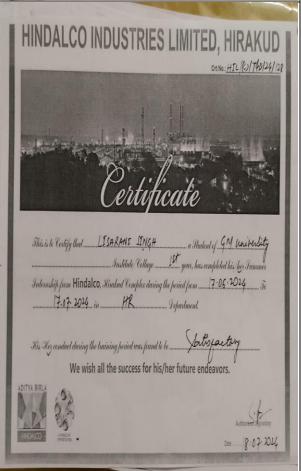
Internship)

The state of the s

Sudhanshu Shekhar Head-HR Vedanta Limited Jharsuguda

VEDANTA LIMITED ,JHARSUGUDA
VIII-Bhurkamunda, P.O. Kalimandir, Dist-Jharsuguda (Odisha)-768202
T+91-664 566 6000 F+91-664 566 6267 www.vedantalimited.com

REGISTERED OFFICE: Vedanta Limited 1st Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakal Andheri (East), Mumbai 400093, Maharashtra, India. CIN: L13209MH1965PLC291394



K.K.HOMES

CITY CENTER MALL, SAMBALPUR Form Road, Modipodo, Sambolpur - 768 002 (ODISHA)



TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. Smurti Ranjan Hota, a student of Gangadhar University, Sambalpur has conducted a study towards full or partial fulfilment of MBA Internship Project under my guidance at "City Centre Mail, Sambalpur". He had conducted the project under the heading "Consumer perception and attitudes towards sustainable brands" at City Centre Mail, Sambalpur, during the period starting from 14th May' 2024 to 30th June' 2024. His study was authentic and had not been done earlier. The study conducted by him was meaningful and will help to draw a sketch about future planning and management for the Mail.

We wish him all the success in his future.



For K K Homes (City Centre Mall, Sambalpu Subhasish Panda

BIODIESEL

A Review Work Submitted to

Gangadhar Meher University

in Partial Fulfillment of the Requirements for the Degree of

BACHELOR OF CHEMISTRY

IN

CHEMISTRY

Submitted By

SHUBHRAJYOTSNA BARIK

University Roll No - BS18CHE-043

Under the guidance of

Dr. Suprava Nayak



2018-2021

Gangadhar Meher University
Amruta Vihar, Sambalpur-758004, ODISHA

A PROJECT REPORT ON

MOLECULAR MECHANICS CALCULATION OF BILE SALTS WITH ACRIDINE ORANGE DYE.

GANGADHAR MEHER UNIVERSITY, SAMBALPUR

For The Partial Fullilliment of The Respirements for the

Master of Science in Chemistry

Submitted by

Pujarani Sahu, University Roll No.- UPG22CH-011

Under the guidance of

Dr. Debasis Behera

(ASSISTANT PROFESSOR, GMU, SAMBALPUR)



For the Session: -2022-2024

SCHOOL OF CHEMISTRY
GANGADHAR MEHER UNIVERSITY

AMRUTA VIHAR, SAMBALPUR - 768004, ODISHA

(Projects Only)

Chemistry

Management

(Projects &

Internship)

A Project Report

Role of Self-Help Group in Women's Empowerment

submitted in partial fulfillment of the requirements for the degree of BACHELOR OF COMMERCE



Submitted By

Sindhi Mehta

Roll no: UB21COM-044

Reg. No: 13871/21

Under the supervision of

Dr. Priyabrata Panda

Assistant Professor

Head of Department

GANGADHAR MEHER UNIVERSITY, AMRUTA VIHAR

AMRUTA VIHAR, SAMBALPUR, ODISHA-768004

Project Report

SOLID WASTE MANAGEMENT A CASE STUDY OF SAMBALPUR MUNICIPAL CORPORATION

Submitted impartial fulfillment to the requirements for the degree of

MASTER OF COMMERCE



Submitted By

Reema Das

Roll no: UPG22CM014

Reg. No:09820-19

Under the supervision of

Prof. Shyama Charan Acharya

Professor of Commerce

SCHOOL OF COMMERCE

GANGADHAR MEHER UNIVERSITY, AMRUTA VIHAR SAMBALPUR, ODISHA-768004

Year: 2022-24



Project Report Submitted in Partial Fulfillment of the Requirements for the Degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted By

SIDHARTH SAHOO UBS21CSC002

Under the guidance of Dr. Ajaya Kumar Tripathy

School of Computer Science GANGADHAR MEHER UNIVERSITY, AMRUTA VIHAR SAMBALPUR-768004. ODISHA, INDIA. APRIL, 2024

Predicting Bank Loan Eligibility Using Machine Learning

Project report submitted in partial fulfillments of the requirements for the award of the degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted By

Souray Kumar Meher

UPG21CS-017

Under the guidance of Dr. Ajaya Kumar Tripathy



Department of Computer Science GANGADHAR MEHER UNIVERSITY, Amruta Vihar, Sambalpur, Odisha, India MAY, 2023

Commerce (Projects Only)

LEARNMATE: ACADEMICS & BEYOND

Computer Science (Projects &

Internship)



Computer Science (Projects &

Internship)

Economics

(Projects Only)

CERTIFICATE

This Certificate Proudly Presented to
Adwait Prasad Das
has successfully completed the course on
Interface Certified for PYTHON
and MACHINE LEARNING.





AN ANALYSIS OF TRENDS & PATTERN OF CENTRAL GOVERNMENT DEVELOPMENTAL & NON-DEVELOPMENTAL EXPENDITURE IN INDIA

GANGADHAR MEHER UNIVERSITY

In Partial Fulfilment of the Requirements for the Degree of

BACHELOR OF ARTS
IN ECONOMICS



SESSION - 2021-2024

Submitted By

IPSITA BHOI

UNIVERSITY ROLL NO.- UBA21ECO-056

Under the Guidance of Dr. SURAJ BADAIK

SCHOOL OF ECONOMICS

AMRUTA VIHAR, SAMBALPUR, 768004, ODISHA

AN EMPIRICAL ANALYSIS ON TWIN DEFICIT: AN EVIDENCE IN

A dissertation submitted to the School of Economics, Gangadhar Meher University, Sambalpur, a partial fulfilment of requirement for degree of Master of Arts in Economics



GANGADHAR MEHER UNIVERSITY

SAMBALPUR, ODISHA

SESSION: 2022-24

Submitted by

IPSITA PANIGRAHI

Roll No- PG22EC-052

Guided by

Dr. Suraj Badaik

Assistant Professor of Economics

SCHOOL OF ECONOMICS

GANGADHAR MEHER UNIVERSITY

SAMBALPUR-768004

STUDY ON ATTITUDE OF PARENTS TOWARDS GIRLS EDUCAITON

A project report submitted to School Of Education, Gangadhar Meher University ,Amruta Vihar ,Sambalpur for the partial fulfilment of the requirement of the Under Graduate Semester -VI



Session-2023-24

Guided by

Dr. ParthasarathMallik

Professor

School Of Education

Jvotirmavee Naik

Roll.No-BA21EDN027

UG Semester-VI

SCHOOL OF EDUCATION GANGADHAR MEHER UNIVERSITY, SAMBALPUR

Amrut Vihar, Sambalpur, Odisha, 768004

USAGE OF SOCIAL NETWORKING SITES AMONG UNDERGRADUATES STUDENTS.

A Dissertation Submitted to School of Education, Gangadhar Meher University, Sambalpur for the Partial Fulfilment of requirement for the Master of Arts in Education.



SESSION 2022-24

GANGADHAR MEHER UNIVERSITY.

AMRUT VIHAR SAMBALPUR-768004,ODISHA

SUPERVISOR

Dr.GopikanataSuna

Assistant Professor of Education

G.MUniversity,Sambalpur

INVESTIGATOR

Sikha Sahu

Roll.No:-PG22ED002 PG SEMESTER :-IV

SCHOOL OF EDUCATION,

Education & B.Ed. (Projects & Internship)



: 0663 - 2540428 97776 22811

MADNAWATI PUBLIC SCHOOL

(AFFILIATED TO C.B.S.E., DELHI)
AINTHAPALI, SAMBALPUR - 768004 (ODISHA)
E-mail: madnawatipublicschool@yahoo.com
Website: www. madnawatipublicschools.com

Ref. No.: 10/MPS/4/2024 - 402

Date: 24-04-20

Professor and Head School of Education Gangadhar Meher University Sambalpur

Respected Sir,

Ref: Your letter no. GMU/EDN/1129 dated 30.03.2024

With reference to above we are confirming that your students as per details given below have attended summer internship in our school from 02.04.2024 till date:

| SL. NO. | STUDENT'S NAME | SPECIAL- ISATION | GUIDE TEACHERS NAME AND DETAILS |
|------------|------------------------|---------------------|---|
| 1 | Ms Swetaleena Tripathy | Botany | Ms Swagatika Dash - TGT (Biology) |
| 2 | Ms Paval Priyadarshini | Chemistry | Ms Bishnupriya Behera - TGT (Chemistry) |
| 3 | Ms Firdoush Begum | | Ms Shailee Swarupa Hota - PGT (Chemistry) |
| 4 | Mr Saswajit Pradhan | | Ms Bishnupriya Behera-TGT / Ms Shailee S Hota-PGT |
| 5 | Mr Tufan Mondal | Maths | Mr Gopal Meher - TGT (M) / Ms Somani Pati - TGT (M) |
| 6 | Ms Purnima Sidar | | Ms Sunita Panda-TGT (M) / Ms Mousumi Panigrahi-TGT |
| 7 | Ms Priyanka Nanda | | Ms Niharika Rout - PRT (Mathematics) |
| 8 | Mr Amiya Ranjan Bag | Physics | Ms Jhili Badhai-PGT (Phy) / Ms Prerana Dash-TGT (Phy) |
| 9 | Mr Laxmikanta Bhoi | Zoology | Ms Snehalata Panda (TGT - Biology) |
| _ | Ms Anwesha Biswal | English | Ms Sudipta Mohapatra - PGT (English) |
| 10 | | | Ms Madhuri Meher - TGT (English) |
| 11 | Mr Manish K Darwan | | |
| 12 | Mr Akash Behera | | Ms Ekta Purohit - TGT (English) |

Shilpi Swarupa Hota.



Benudhar M Naidu (Benudhar M Naidu) PRINCIPAL

PRINCIPAL Madnawati Public Scho-Ainthapali, Sambalpur



Hamlet: An Exploration of Shakespearean Tragedy



English (Projects Only)

Geography

(Projects Only)

(A dissertation submitted in requirement of the partial fulfilment of the award of the degree of bachelors of degree Of Arts in English).

Session 2021-2024

Supervised by:

Submitted by:

Dr. Brahmananda Padra

Somyesh Kumar Pati

Assistant Professor

BA21ENG-047

School of English

School of English

Gangadhar Meher University

Gangadhar Meher University

GANGADHAR MEHER UNIVERSITY AMRUT VIHAR, SAMBALPUR - 768004 Rewriting Myth: A Comparative Study of The Transposed Heads and Hayavadana



(A dissertation submitted in the requirement for the partial fulfillment of the award of the degree of Master of Arts in English for the session 2022-2024)

Guided by:

Submitted by:

Dr. Anjali Tripathy

Ankita Behera

Professor

UPG22EN-004

School of English

School of English

SCHOOL OF ENGLISH

GANGADHAR MEHER UNIVERSITY, AMRUTA VIHAR,

SAMBALPUR, 768004



A REPORT ON

AIR POLLUTION AND ITS CAUSES

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

BACHELOR DEGREE IN GEOGRAPHY

Ву

Rupam Patel (Roll Number - BS21GEO-005)

Under the supervision of

Sujit Kumar Jally

(SCHOOL OF GEOGRAPHY)



SCHOOL OF GEOGRAPHY

GANGADHAR MEHER UNIVERSITY, AMRUTA

VIHAR

SAMBALPUR, ODISHA, INDIA - 768004

YEAR - 2023

Project Report On Industrial Growth & Potential Analysis: A Case Study of Odisha

The project is submitted in partial fulfillment of the requirement for the Master Degree of Geography



Guided by: Dr. Arabinda Sharma Associate Professor School of Geography

Submitted By: Prithviraj Naik PG SEM -IV(Geography) Roll no. UPG22GG-002

SCHOOL OF GEOGRAPHY GANGADHAR MEHER UNIVERSITY AMRUT BIHAR, SAMBALPUR-768004, ODISHA

अयोध्या सिंह उपाध्याय हरिऔध के उपन्यास में चित्रित समस्या ('ठेठ हिंदी का ठाट ' उपन्यास के संदर्भ में) प्रिक्ति गंगाधर मेहेर विश्वविद्यालय के स्नातक (हिन्दी) पाठ्यक्रम सन-2021-2024 के सेमेस्टर-पा के पेपर-DSE-IV की आंशिक पूर्त के लिए प्रस्तुत लघु शोध प्रबंध निर्देशिका प्रस्तुतकर्ता स्मृत समरणिका जेना आस्ती मेहेर स्नातकोत्तर हिन्दी विभाग UBA21HIN006 गंगाधर मेहेर विश्वविद्यालय अमृत विहार, संबलपुर, ओड़िशा

मोहन राकेश के नाटक में नारी जीवन

('आषाढ़ का एक दिन' नाटक के संदर्भ में)



गंगाधर मेहेर विश्वविद्यालय के स्नातकोत्तर(हिन्दी) पाठ्यक्रम सत्र-2021-2023 के सेमेस्टर-IV के पेपर-405 की आंशिक पूर्ति के लिए प्रस्तुत लघु शोध प्रबंध

निर्देशक डॉ. दशरथी बेहेरा स्नातकोत्तर हिन्दी विभाग प्रस्तुतकर्ता दीपक कुमार सा अनुक्रमांक : PG21HIN-013

गंगाधर मेहेर विश्वविद्यालय

अमृत विहार, संबलपुर, ओड़िशा

ROLE OF PANIMORA VILLAGERS OF FREEDOM MOVEMENT OF ODISHA

DissertationsubmittedtoGangadharMeherUniversity For Partially Fulfillment of the Degree of

B.AINHISTORY

By
SUDHIR KALET
UNIVERSITYROIINO:UBA21HIS-008

UndertheSupervisionof

Dr.AtulaKumarPradhan AssistantProfessor & HoD School of History



SCHOOL OF HISTORY, GANGADHAR MEHER UNIVERSITY AMRUTVIHAR,SAMBALPUR-768004 2021-2024



ଗଙ୍ଗାଧର ମେହେର ବିଶ୍ୱବିଦ୍ୟାଳୟ

GANGADHAR MEHER UNIVERSITY Amruta Vihar, Sambalpur, - 768004, Odisha, India

No. : 10982

Date: 31-10-2023 /

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Dr. Sasmita Rani Shasini, Assistant Professor. School of History, G.M. University, Sambalpur, has guided the following Post Graduate students for the degree of Master of Arts in (History) during the year 2023,

| SL No. | Exam Roll No. | Name of the Student | Topic | Year |
|-----------|---------------|---------------------------|--|------|
| 1 | UPG21HT-054 | Pratima Barla | EMERGENCE AND DEVELOPMENT OF INDUSTRIES IN SUNDARGARH DISTRICT | 2023 |
| 2 | UPG21HT-055 | Rudradeb Bhue | "NRUSINGHANATH TEMPLE" | 2023 |
| 3 | UPG21HT-056 | Dona Sahoo | "MAJOR FAMINES IN COLONIAL PERIOD: A CASE STUDY OF ORISSA" | 2023 |
| 4 | UPG21HT-057 | Bapi Sahoo | INDUSTRIALISATION IN ANGUL DISTRICT | 2023 |
| 5 | UPG21HT-058 | Priyanka Behera | ANGUL TOWN | 202 |
| 6 | UPG21HT-059 | Poonam Bhoi | "THE INDUSTRIAL HISTORY OF BHUSANSTEEL PLANT OF JHARSUGUDA DISTRICT | 202 |
| 7 | UPG21HT-060 | Aliva Pradhan | NAXALISM IN BARGARH DISTRICT | 202 |
| 8 | UPG21HT-061 | Dosmanta Bhoi | THE UNSUNG FREEDOM FIGHTERS OF SAMBALPUR DISTRICT | 202 |
| 9 | UPG21HT-062 | Reena Oram | "ROURKELA STEEL CITY" | 203 |
| 10 | UPG21HT-063 | Liza Juadi | "SHRINE OF SONEPUR DISTRICT" | 702 |
| 11 | UPG21HT-065 | Seema Meher | THE ORIGIN OF EVOLUTION OF MISSION SHAKTLISSUES AND CHALLENGES | 303 |
| 12 | UPG21HT-066 | Lipika Pradhan | "COLONIAL HERITAGE OF SAMBALPUR" | 200 |
| 13 | UPG21HT-067 | Nebedita Bitoi | CUISINE AND CULTURE A HISTORY OF THE FOOD AND PEOPLEOF THE WESTERN ODISHA | 262 |
| 14 | UPG21HT-069 | Shibani Nayak | "THE POLITICAL HISTORY OF PRINCELY STATEOF ATHAMALLICK" | 202 |
| 15 | UPG21HT-070 | Namita Bhoi | "MASS MEDIA AND SOCIETY" | 202 |
| 16 | UPG21HT-071 | Priyanka Priyadarshani | "WESTERN ODISHA HISTORY AND CULTURE:A CINEMATIC JOURNEY" | 200 |
| 17 | UPG21HT-072 | Jhili Pradhan | THE CULT OF SAMALEL DESCRIPTIVE STUDY | 202 |
| 18 | UPG21HT-073 | Aniali Lakra | "TRIBES OF SUNDARGARH DISTRICT" | 202 |



Contact Voice +91-7073352734, 79789 95331, Email: engagnuniversity.ac.in gmuniversity.shp@gmail.com; Website: ywww.gmuniversity.ac.in

History (Projects Only)

Hindi

(Projects Only)

DEPARTMENT OF INFORMATION SCIENCE AND TELECOMMUNICATION GANGADHAR MEHER UNIVERSITY, AMRUTA VIHAR SAMBALPUR, ODISHA, 768001



CERTIFICATE

This is to certify that the project report entitled "ATTENDANCE MANAGEMENT SYSTEM USING FACE RECOGNITION" submitted by Manoranjan Nath bearing a roll no: PCQUISTO27, as per the requirement of Gangadhar Meher University Sambalpur, Odisha In the practical fulfillment of Bachelor of science.

(Bsc.IST VIth SEM) for the Academic Year 2020-2023

It is certified that the above statement made by the student is correct to the best of my knowledge and belief.

PROJECT GUIDE Mr.Kallol Adhikari

HEAD OF THE DEPARTMENT Mr. Satvaban Behera

B.Sc Information Science and **Telecommunication** (Projects & Internship)

Ekamra Software and Solution Pvt. Ltd. (ESPL)

Date: 31 December 2022

TO WHOMESOEVER IT MAY CONCERN

This is to certify that Mr. Swagat Sahu having Roll No UPC20IST048 from Gangadhar Meher University and from BSC(IST) has done his internship in Python and Machine Learning at ESPL from 16*December 2022 to 31*Decem 2022. He has worked on a project titled 'Attendance Management System using Face Recognition'. This project was aimed to analysis the face and visualizes then predict implementing Machine Learning Techniques. As part of the project, he has used pandas, numpy ,matplotlib and other python implementation Techniques. During the internship he demonstrated good design skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project successfully on time. Looking forward to work again for some other algorithms. We wish him all the best for his future endeavors

For ESPL Project Manager

with seal place BBSR Date : 31/12/2022

> A/83, Saheed Nagar, Bhubaneswar-751007 Ph.: 9658582091, Web: www.espl.org.in



Date:31/12/2022

InternshipCertificate

Internship Industrial certificate is issued to Ashutosh Ratna Nanda whose University RollNo is UPC20IST-024 belongs to Gangadhar Meher University and he is doing BSC(IST). His project duration is from 16th December 2022 to 31st December 2022. The project titled name is "Vehicle Number Plate Detection and Recognition'using Python. The Objective is to Prediction Vehicle Number plate. He learned pandas, numpy, matplotlib during the implementation of his project.

of his project.

He has a good skills with a understanding and a good approach. His performance is go Wish him all the best for his future.



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Orissa Computer

Date: 31 December 2022

Internship Certificate

This is to certify that Asmit Patelfrom GangadharMeher University and from BSC(IST) Department having Roll No UPSC20IST-036 has done an internship in our organization on Python and Machine Learning from 16 December 2022 to 31 December 2022. The project title is "K-Means Clustering using Python". As part of the project, he has learned pandas, numpy, matplotlib and other python implementation Techniques. He has a goodpersonnel skills. He has completed the project on time. We wish him all the best for his future endeavors.

For Orissa Computer

(Orissa Computer)

Project Manage Rojesh fradhage place BBSR Date : 31/12/2022

CIN: U72200OR2019PTC031038 | mail:

A/85, Saheed Nagar, Adjacent to NH5, Bhubaneswar, Odisha 751007 Email: reorissa@gmail.com, Mob: 9338338555, 9040294293



B.Sc Information Science and **Telecommunication** (Projects & Internship)

Ekamra Software and Solution Pvt. Ltd. (ESPL)

Date: 05 November 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Nihar Ranjan Dwivedi having Roll No PC21IST005 from Gangadhar Meher University and from BSC(IST) has done his internship in Python and Machine Learning at ESPL from 20° October 2023 to 5° November 2023.

He has worked on a project titled 'Analysis Of Customer Purchasing Behavior of A Retail Shop'. This project was aimed to analysis and visualizes implementing Python Tools and Libraries. As part of the project, he has used pandas, numpy, matplotlib and other python implementation Techniques.

project, he has used panaus, numpy, muspionis who solve implementation Techniques.

During the internship he demonstrated good design skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project successfully on time. Looking forward to work again for some other algorithms.

We wish him all the best for his future endeavors

For ESPL Project Manager Signatures Kuman prusty

> A/83, Saheed Nagar, Bhubaneswar-751007 Ph.: 9658582091, Web: www.espl.org.in

HINDALCO INDUSTRIES LIMITED, HIRAKUD

CH.No.: HTL/(SX T4D/24/9)



This is to Certify that HEMANSHU SEKWAR SAHOO a Hudent of GM university, Cambalpur Institute Collage 37 year, has completed his her Summer Internship from Hindalco, Hirakud Complex during the period from 13.95.2014 17:07:2024 in II Department

We wish all the success for his/her future endeavors.







सेन्ट्रल टूलरूम एन्ड ट्रेनिं सेन्टर, भुवनेश्वर CENTRAL TOOL ROOM & TRAINING CENTRE, BHUBANESWAR



Ref. No: CTTC/BBS/TRG/108

Date: 14th June 2024

TO WHOM-SO-EVER IT MAY CONCERN

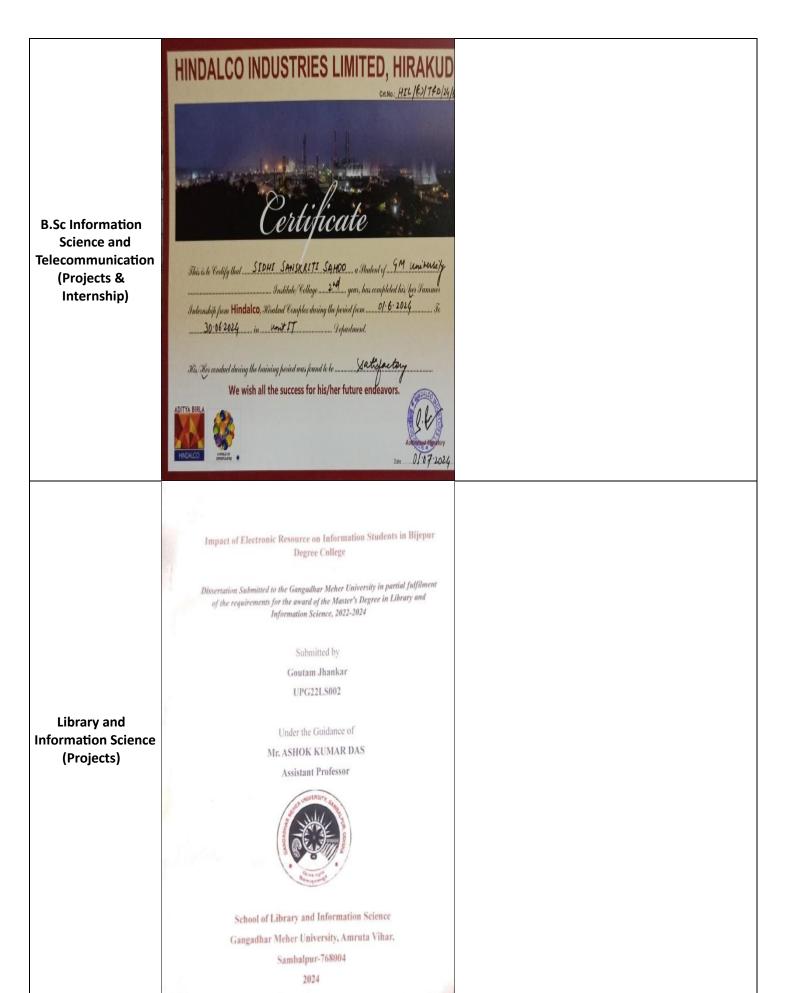
This is to certify that Mr./Ms. ASHISH KUMAR SAHOO, Regd. No. UPC22IST010 has undergone training on "Artificial Intelligence" from 15th May 2024 to 14th June 2024 for meeting his/her industrial training/internship requirements. He/She is being imparted industrial training & advanced software training in our Training/Production facility to get exposure to the practical aspects of his/her engineering branch.

To the best of our knowledge and belief he/she bears a good moral character.



Manager (Training)

B-36, Chandaka Industrial Area, Bhubaneswar-751 024, Odisha, India, Phone: 91-674-2654700 (72 Lines) Fax: 91-674-2654768 Ninet: PS to GM 91-674-2654702, 2654712 (Mst.), 2654742/43 (Trg.), 2654710 (Pur.). Email: cttc@cttc.gov.in. Website: www.cttc.gov.in



Solutions of ODEs using Numerical Newton's interpolation and Lagrange interpolation

(Subject:-Mathematics, Paper Code:-DSE -IV)

(Semester:-VI ,Year:-2021)

A dissertation Submitted to Gangadhar Meher University in partial fulfillment of the requirements for the award of the degree of

Bachelor of Science in Mathematics

by Sanjib Meher (UBS18MAT-006)

Under the Supervision of **Dr. Ashrita patra**(Assistant Professor in Mathematics)



School of Mathematics

Gangadhar Meher University, Amruta Vihar Sambalpur, Odisha, India –768004

July 16 , 2021

FINITE DIFFERENCE APPROXIMATION

FOR ODE AND PDE

A PROJECT REPORT

Submitted by

ASHISH KUMAR NAIK

Roll No- UPG19MT-023

In partial fulfilment for the award of the degree

Of

Master in

MATHEMATICS

Under the guidance Of

Dr. AshritaPatra (Ass. Professor in Mathematics)



(SESSION: 2019-2021)

SCHOOL OF MATHEMATICS

GANGADHAR MEHER UNIVERSITY,AMRUTA VIHAR, SAMBALPUR

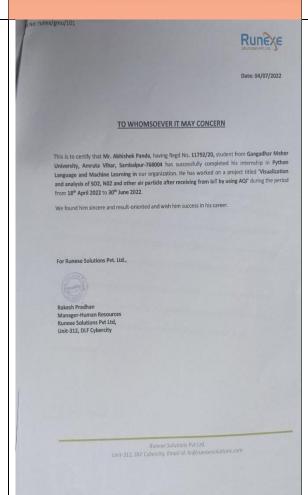
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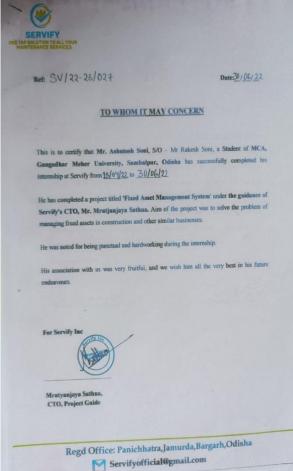
MCA (Projects &

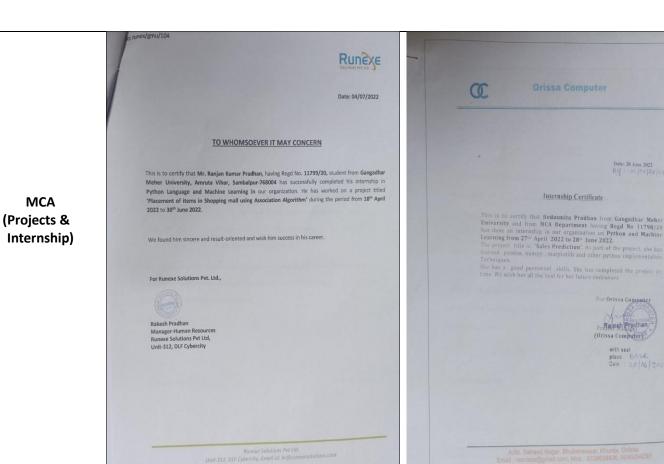
Internship)

Mathematics

(Projects)



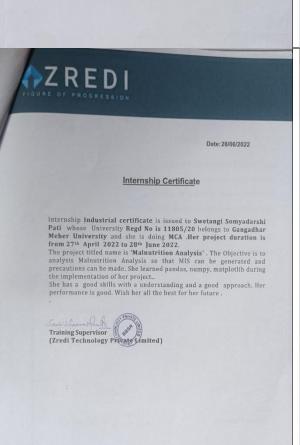




MCA

MCA

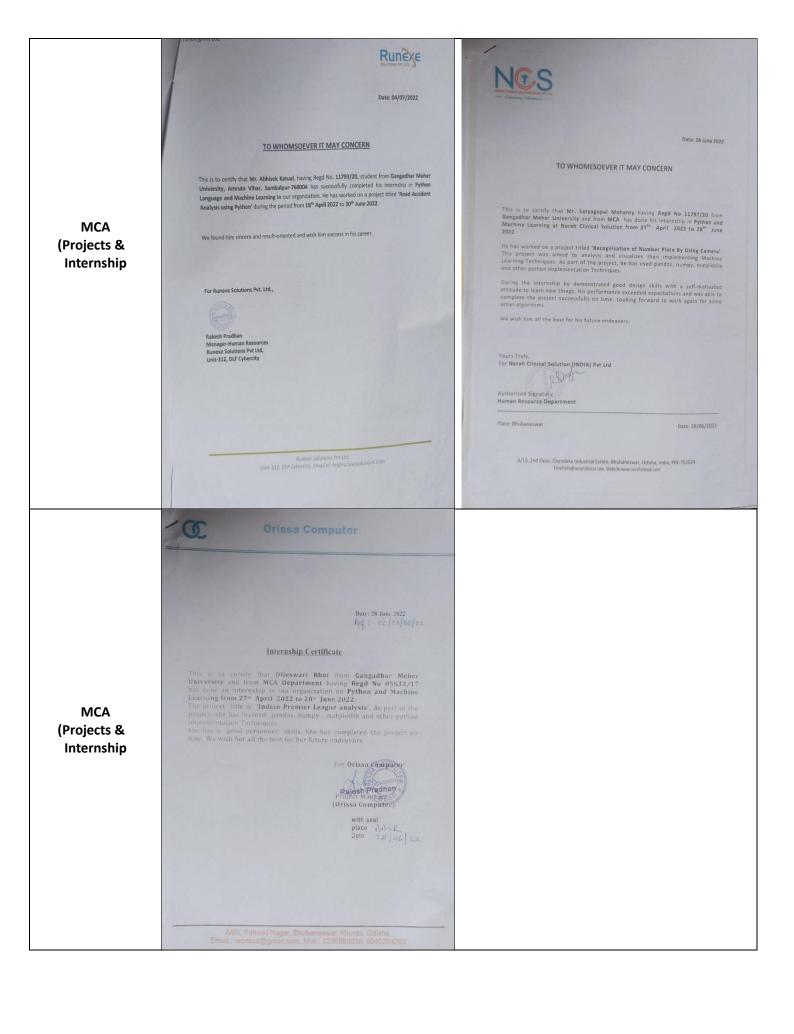
(Projects & Internship)

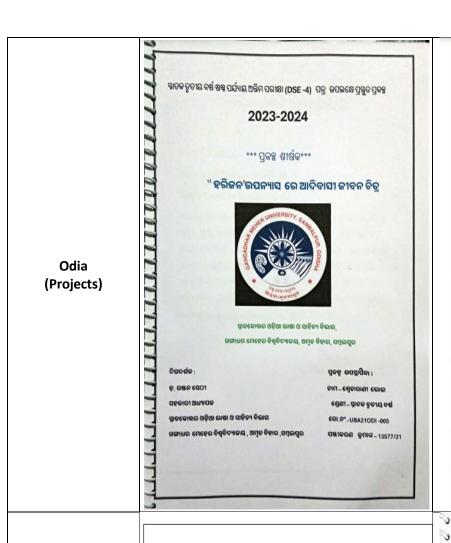


CIN: U72200OR2019PTC031038 | mail: info@zredi.com | www.zredi.com



Ralesh Fradhan (Orissa Computer)







Philosophy (Projects)

A Project Report Submitted in partial fulfillment of the requirements of the degree BACHELOR IN ARTS IN PHILOSHOPHY

An Analytical Study Of Euthanasia With Reference To Aruna Shanbaug Case In INDIA

BY

BIDYUTPRAVA SAHU

Roll no-BA18PHI001

REGD NO-

Under the guidance of

Dr.SUBHANKARI PATI



2020-2021

GANGADHAR MEHER UNIVERSITY AMRUTA VIHAR, SAMBALPUR, ODISHA A CRITICALLY STUDY ON ISLAMIC CONCEPT OF GOD

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--7 A Post Graduate Dissertation submitted to the School of Philosophy, Gangadhar Meher University, For the partial fulfilment of P.G. Semester -IV for the Master Degree of Arts in



SESSION 2022-2024

SUBMITTED BY

Anupama Beck

PG semester- IV

Roll No-PG22PL-015

Under the Guidance of

Mr. Jamric Ekka

School of Philosophy G.M.University, Sambalpur

SCHOOL OF PHILOSOPHY

GANGADHAR MEHER UNIVERSITY, AMRIT VIHAR SAMBALPUR - 768004

PERTURBATION TECHNIQUE TO SOLVE QUANTUM MECHANICAL PROBLEMS A Project submitted for the partial fulfillment of the requirement for the DEGREE OF BACHELOR OF SCIENCE IN PHYSICS Submitted by PRIVADARSHINI PATI Roll No: URSTIPHY-040 Under the supervision of Dr. Prameda Kamar Samal SCHOOLOF PHYSICS GANGADHAR MEHER UNIVERSITY, AMRUTA VIHAR SAMBAL PUR-768004, ODISHA

Physics

(Projects)

A Project Report

Submitted in partial fulfilment for the award of the degree

Of

MASTER OF SCIENCE

IN

PHYSICS

BY

SHOBHAN KUMAR DASH

(UPG19PH-021)

Under the supervision of

DR. PRAMODA KUMAR SAMAL.

SCHOOL OF PHYSICS

GANGADHAR MEHER UNIVERSITY

AMRUT VHAR, SAMBALPUR 768004, ODISHA

SUPERSYMMETRY IN QUANTUM MECHANICS

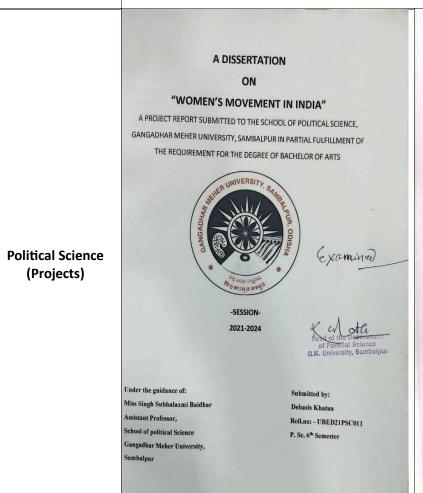
Physica

To Sambalpur

HOD, Physica

Te, Sambalpur

GM. University



CLIMATE CHANGE AND ITS IMPACT ON
DEVELOPING COUNTRY

A dissertation submitted to

GANGDHAR MEHER UNIVERSITY, SAMBALPUR
Master of Arts in political science

By

SUMITRA TANTI
Roll No-PG22P0005

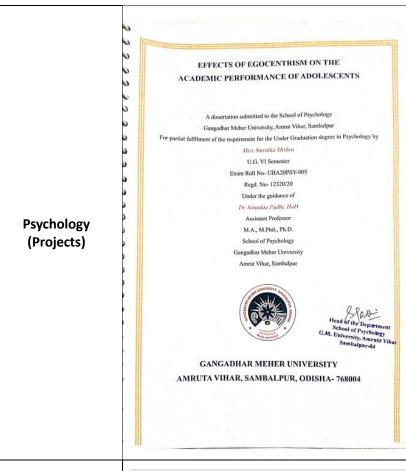


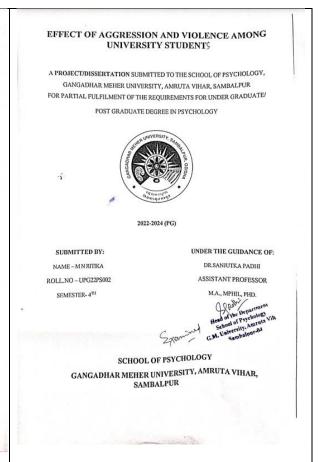
GANGADHAR MEHER UNIVERSITY SAMBALPUR, ODISHA

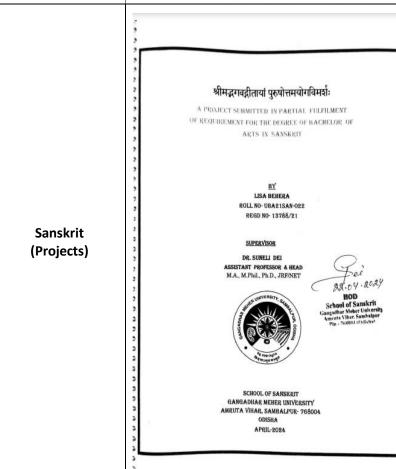
Under the Supervision of Dr. Gyanaranjan swain

Professor,

P.G Dept. of Political Science Gangadhar Meher University, Amruta Bihar, Sambalpur, Odisha, 768004.







Dissertation submitted for the degree of Master of Arts in Sanskrit Submitted by DHARITRI MALLICK Roll No -UPG22SN-025 Regd. No-17461/22 SUPERVISOR DR. PRASANTA KUMAR SETHI M.A,M.Phil,Ph.d Assistant Professor School Of Sanskrit Gangadhar Meher University Amruta Vihar, Sambalpur, Odisha-768004 May-2024

संस्कृतगद्यकाव्यानां समिक्षात्मकम् अध्ययनम्

"WOMEN'S EMPOWERMENT THROUGH EDUCATION":

A SOCIOLOGICAL STUDY IN SAMBALPUR DISTRICT, ODISHA



Sociology (Projects)

Statistics (Projects) GANGADHAR MEHER UNIVERSITY

AMRUT VIHAR

SAMBALPUR, ODISHA

SUBMITTED TO

DR. MEERA SWAIN (H.O.D) MS. LIZA SAHU (GUIDE)

SCHOOL OF SOCIOLOGY

SUBMITTED BY

KHUSI SINGH UG IN SOCIOLOGY

ROLL NO- UBA21SOC-008

REGD. NO - 13804/21

A dissertation submitted to School of sociology Gangadhar Meher university, Amrut Vihar, Sambalpur, Odisha on partial fulfilment of the requirement for the **Bachelor in Sociology**

1

SOCIO ECONOMIC PROBLEMS OF SLUMS DWELLERS: A SOCIOLOGICAL STUDY

IN BUDHARAJA SAMBALPUR,ODISHA



GANGADHAR MEHER UNIVERSITY SAMBALPUR, ODISHA

A Dissertation submitted for the partial Fulfilment of the Requirement for the MA degree, school of sociology

SUPERVISED BY

DR. MEERA SWAIN H.O.D (INC.)

GITANJALI DEHURY MASTER IN SOCIOLOGY

SUBMITTED BY

ROLL No-UPG-22SO-011

Regd. No. 17496/22

A PROJECT REPORT

"A COMPARATIVE CASE STUDY ON THE RAINFALL DATA OF ODISHA IN THE YEAR 2023"

SUBMITTED

TO

SCHOOL OF STATISTICS GANGADHAR MEHER UNIVERSITY



SESSION-2021-2024

SUBMITTED BY-NAME- SAMEER MOHANTY YEAR -UG Semester-VI Roll No.: BS215TA-005

GUIDED BY-DR.NIRUPAMA SAHOO Asst.Prof in Statistics

SCHOOL OF STATISTICS GANGADHAR MEHER UNIVERSITY, SAMBALPUR

POPULATION, GDP AND LITERACY VIS-A-VIS UNEMPLOYMENT: AN EXPLICT OVERVIEW

A Dissertation Submitted to School of Statistics, G.M University, Amruta Vihar, Sambalpur, in partial fulfillment of the requirement for the master degree in Statistics, Semester-IV. 2022 - 2024



Under the Guidance of

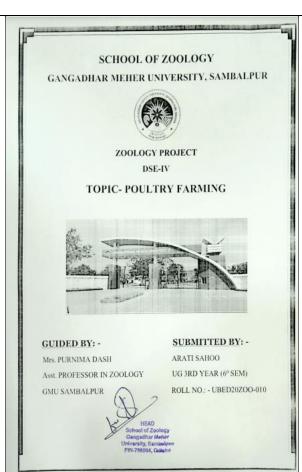
DR. NIRUPAMA SAHOO

Assistant Professor School of Statistics Submitted By:

BHUMISUTA BEHERA

Roll No: UPG22ST-008

SCHOOL OF STATISTICS GANGADHAR MEHER UNIVERSITY SAMBALPUR-768004



Zoology (Projects)

