

Isolation of constituents of
MEDICINAL PLANTS

Available In Jharkhand State



*A Project Record Submitted in Partial Fulfilment
Of The Requirements
For The Degree Of Master Of Science in
Chemistry*

By
BISWAJEET SAHU

EXAMINED
Univ. Deptt. of
Chemistry, K.U.

Under The Supervision Of
DR. SARITA PRASAD, DR. GEETA MISHRA



University Department Of Chemistry , Kolhan University
Chaibasa, (833201), Jharkhand



CERTIFICATE

The work contained in the project "Isolation of constituents Medicinal Plants available in Jharkhand State" submitted by **BISWAJEET SAHU**, Roll.no:-192606558213, Registration no: **KU1800562/2018**, Session:- **2018-2020**: has been carried out for the partial fulfilment of degree in M.Sc. in Chemistry is a record of bonafide work carried out by him under the supervision of Dr. Sarita Prasad. He has taken proper care and shown almost sincerity in completion of this project work.

Date:- 06/11/2020

Examiner:

Affiliation:

Designation:

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Dr. Sarita Prasad

Head University Department of Chemistry
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Kolhan University, Chaibasa

KOLHAN UNIVERSITY, CHAIBASA



P.G. DEPARTMENT OF CHEMISTRY

Project – “The Analysis of Cement”

SUBMITTED BY :

SATYAWATI PRADHAN

CLASS – M.Sc 4th SEM

CLASS ROLL NO - 23

REGD. NO – KU1415754/2014

UNIV. ROLL NO - 192606558231

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SUBMITTED TO :

Dr. SARITA PRASAD

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CERTIFICATE

This is to certify that the project work entitled "The Analysis of Cement" Submitted by Satyawati Pradhan (Roll.No-192606558231, Regd. No-KU1415754/2014, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him the supervision of Dr. Sarita Prasad.

Examiner:

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Head University Department Of Chemistry

Deisgnation:

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Head
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Kolhan University, Chaibasa

EXAMINED
Univ. Deptt. of
Chemistry, K.U.

**“ ISOLATION OF CONSTITUENTS OF
MEDICINAL PLANTS AVAILABLE IN JHARKHAND STATE”**

**A Project Report Submitted
in Partial Fulfilment of the Requirements for the Degree of
MASTER OF SCIENCE**

**in
CHEMISTRY**

**By
BHANUMATI SAHOO**

Under the Supervision of

DR. SARITA PRASAD AND DR. GEETA MISHRA



**University Department of Chemistry Kolhan
University, Chaibasa(833202) India, 6th November 2020**



Certificate

The work contained in the project “Isolation of constituents Medicinal Plants available in Jharkhand State” submitted by **BHANUMATI SAHOO**, Roll.no:-192606558218, Registration no:- **KU1800569/2018**, Session:-2018-2020: has been carried out for the partial fulfillment of degree in M.Sc. in Chemistry is a record of bonafide work carried out by him under the supervision. She has taken proper care and shown utmost sincerity in completion of this project work. This work has not been submitted for the award of any other degree in the University or to any other institution elsewhere.

Date:-

Signed:

Dr. Sarita Prasad

Head

University Department of Chemistry

Kolhan University, Chaibasa

Head

University Department of Chemistry

Kolhan University, Chaibasa

Examiner:

Affiliation:

Designation:

Sarita Prasad
Head
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Isolation of constituents of

MEDICINAL

PLANTS

Available In Jharkhand State

*A Project Record Submitted in Partial Fulfilment
Of The Requirements
For The Degree Of Master Of Science in
Chemistry*

By

ANUBHA PATTAYAT

EXAMINED
Univ. Deptt. of
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Under The Supervision Of
DR. SARITA PRASAD, DR. GEETA MISHRA



University Department Of Chemistry , Kolhan University
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CERTIFICATE

The work contained in the project "Isolation of constituents Medicinal Plants available in Jharkhand State" submitted by **ANUBHA PATTAYAT**, Roll.no:-192606558225, Registration no: **KU1800551/2018**, Session:- **2018-2020**: has been carried out for the partial fulfilment of degree in M.Sc. in Chemistry is a record of bonafide work carried out by her under the supervision of Dr. Sarita Prasad. She has taken proper care and shown almost sincerity in completion of this project work

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Univ. Deptt. of
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Dr. Sarita Prasad

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Isolation of constituents of

Medicinal Plants

In Jharkhand



University Department Of Chemistry
Kolhan University
Chaibasa, (833201), Jharkhand

EXAMINED
Univ. Dept. of
Chemistry, K.U

**A Project Record Submitted in Partial Fulfilment Of
The Requirements
For The Degree Of Master Of Science in Chemistry**

**By
RASMITA SEN**

**Under The Supervision Of
DR. SARITA PRASAD, DR. GEETA MISHRA**



CERTIFICATE

The work contained in the project "Isolation of constituents Medicinal Plants available in Jharkhand State" submitted by **RASMITA SEN**, Roll.no:-192606558222, Registration no: **KU1800564/2018**, Session:- **2018-2020**: has been carried out for the partial fulfilment of degree in M.Sc. in Chemistry is a record of bonafide work carried out by her under the supervision of Dr. Sarita Prasad. She has taken proper care and shown almost sincerity in completion of this project work.

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6.11.2020
Dr. Sarita Prasad

Head University Department of Chemistry

Kolhan University, Chaibasa

Head

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Kolhan University, Chaibasa

A Project Report on Analysis of Iron Ore Collected From Kiriburu-Meghahatuburu



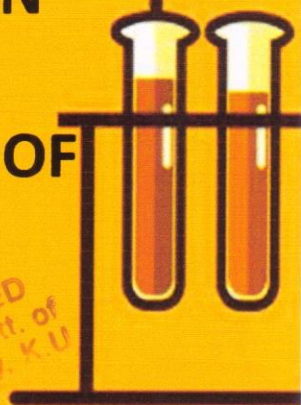
A PROJECT REPORT SUBMITTED IN
PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE DEGREE OF

MASTER OF SCIENCE

IN CHEMISTRY BY

PRINCE SASMAL

EXAMINED
Univ. Deptt. of
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UNDER THE SUPERVISION OF DR. SARITA PRASAD

DEPARTMENT OF CHEMISTRY

KOLHAN UNIVERSITY, CHAIBASA (JHARKHAND, 833202) SEESION :-

2018-2020



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from KIRIBURU MEGHAHATUBURU Iron ore mines" submitted by PRINCE SASMAL (Roll.No-192606558241, Regd.No-KU1800568/2018, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under the supervision of Dr. Sarita Prasad

Examiner:

Affiliation:

Deisgnation:

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6/11/2020
Dr. Sarita Prasad

Head University Departmen Of Chemistry

Kolhan University, Chaibasa

Head
University Department of Chemistry
Kolhan University, Chaibasa

**A
PROJECT REPORT
ON
ANALYSIS OF IRON ORE COLLECTED FROM
KIRIBURU-MEGHAHATUBURU**

(A dissertation submitted in partial fulfillment for the Award of degree of Master of Science in Chemistry)

**Under the Guidance of
Dr. SARITA PRASAD (HOD)**

Submitted By

**HRUDANANDA DAS
Reg.no-KU1800558/18
Roll no-192606558227**

**EXAMINED
Univ. Deptt. of
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**Department of Chemistry
Kolhan University, Chaibasa (Jharkhand)
2018-2020**



CERTIFICATE

This is to certify that the project entitled, *"The Analysis of Iron ore collected from KIRIBURU-MEGHAHATUBURU Iron ore mines"* submitted by **HRUDANANDA DAS**, Roll. No:- 192606558227, Registration No: 1800558/2018, has been carried out for the partial fulfillment of degree in Master of science (Chemistry) at P.G. Department of Chemistry, **KOLHAN UNIVERSITY, Chaibasa, Jharkhand** is an authentic record of bonafide work carried out under the guidance and supervision of **Dr. SARITA PRASAD** during the academic year of 2018-2020.

Examiner:

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Prasad
06.11.2020
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Head
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PG DEPARTMENT OF CHEMISTRY

**PROJECT TOPIC :- ANALYSIS OF IRON ORE COLLECTED
FROM KIRIBURU –MEGAHATUBURU IRON MINES.**

EXAMINED
Univ. Deptt. of
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SUBMITTED TO :-

DR. SARITA PRASAD

H.O.D. P G DEPARTMENT,

CHEMISTRY, K. U. CHAIBASA

SUBMITTED BY :-

NAME – SOURAV KUMAR PANDA

ROLL NO. – 192606558244

REGD. NO/YEAR. – KU1800546/2018



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from KIRIBURU MEGHAHATUBURU Iron ore mines" submitted by SOURAV KUMAR PANDA (Roll.No-192606558244, Regd.No-KU1800546/2018, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under the supervision of Dr. Sarita Prasad

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Affiliation:

Deisgnation:

*EXAMINED -
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Kolhan University, Chaibasa
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Kolhan University, Chaibasa

**A Project Report on Analysis
of Iron Ore Collected From
Kiriburu Meghahatuburu**



**A PROJECT REPORT
SUBMITTED IN PARTIAL
FULFILMENT OF THE
REQUIREMENTS FOR THE
DEGREE OF
MASTER OF SCIENCE
IN CHEMISTRY**

BY

ABHISEKH ROUT

UNDER THE SUPERVISION OF

DR. SARITA PRASAD

UNIVERSITY DEPARTMENT OF CHEMISTRY KOLHAN UNIVERSITY,

CHAIBASA – 833202, JHARKHAND

EXAMINED
Univ. Deptt. of
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SESSION:- 2018-2020



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from KIRIBURU MEGHAHATUBURU Iron ore mines "submitted by ABHISEKH ROUT (Roll.No-192606558217, Regd.No-KU1800563/2018, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under the supervision of Dr. Sarita Prasad

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6.11.2020
Dr. Sarita Prasad

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P.G. DEPARTMENT OF CHEMISTRY

Project – “The Analysis of Cement”

SUBMITTED BY :

KUNTI MAHATO

CLASS – M.Sc 4th SEM

CLASS ROLL NO - 24

REGD. NO – KU1513491/2015

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This is to certify that the project work entitled "The Analysis of Cement" Submitted by Kunti Mahato (Roll.No-192606558238, Regd. No-KU1513491/2015, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out ^{under} ~~by~~ ^{under} him the supervision of Dr. Sarita Prasad.

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Isolation of constituents of
MEDICINAL PLANTS

Available In Jharkhand State



*A Project Record Submitted in Partial Fulfilment
Of The Requirements
For The Degree Of Master Of Science in
Chemistry*

By

ALAKA MAHANTA

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University Department Of Chemistry , Kolhan University
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CERTIFICATE

The work contained in the project "Isolation of constituents Medicinal Plants available in Jharkhand State" submitted by **ALAKA MAHANTA**, Roll.no:-192606558235, Registration no: **KU1800561/2018**, Session:- **2018-2020**: has been carried out for the partial fulfilment of degree in **M.Sc. in Chemistry** is a record of bonafide work carried out by her under the supervision of **Dr. Sarita Prasad**. She has taken proper care and shown almost sincerity in completion of this project work.

Date:-

Examiner:

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6/11/2020

**A Project Report on Analysis of
Iron Ore Collected From
KiriburuMeghahatuburu**



**A PROJECT REPORT SUBMITTED IN
PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE DEGREE
OF
MASTER OF SCIENCE
IN CHEMISTRY**

BY

VIVEK KAR

SESSION :- 2018-2020

EXAMINED
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UNDER THE SUPERVISION OF

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**UNIVERSITY DEPARTMENT OF CHEMISTRY KOLHAN
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CHAIBASA – 833202, JHARKHAND



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from KIRIBURU MEGHAHATUBURU Iron ore mines "submitted by Vivek kar (Roll.No-192606558246, Regd.No-KU1516292/2015, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under the supervision of Dr. Sarita Prasad

Examiner:

Affiliation:

Deisgnation:

Sarita Prasad
EXAMINED,
Univ. Dept of
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S.P. 6.11.2020
Dr. Sarita Prasad

Head University Department Of Chemistry

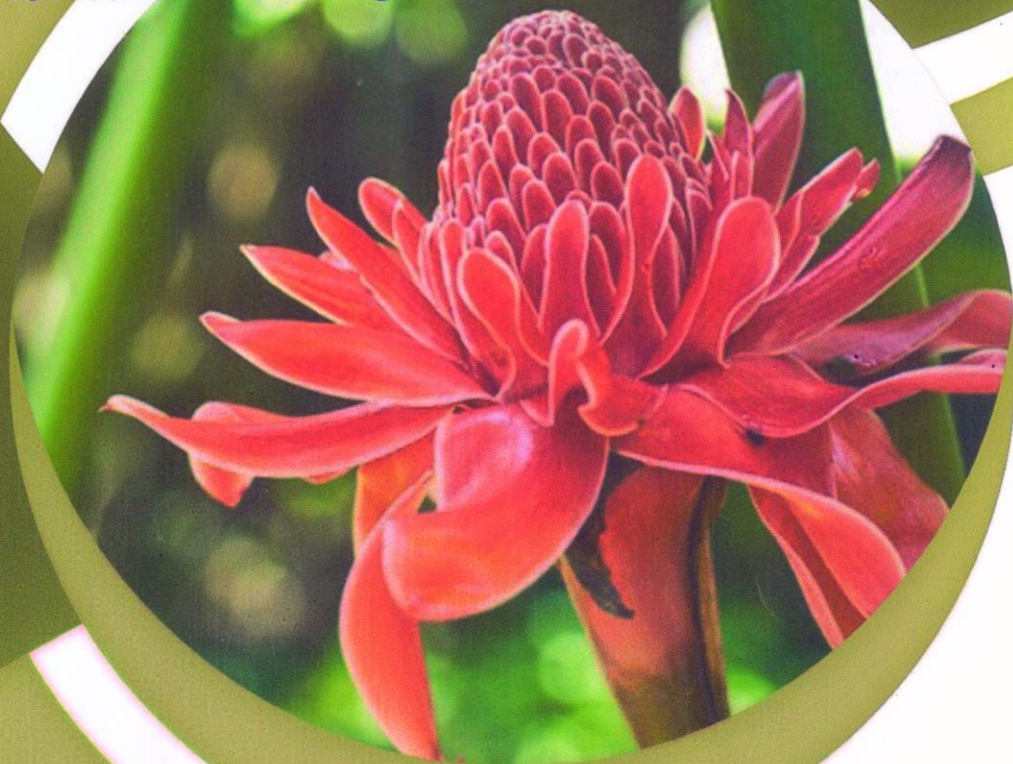
Kolhan University, Chaibasa

Head

University Department of Chemistry
Kolhan University, Chaibasa

Isolation of constituents of
MEDICINAL PLANTS

Available In Jharkhand State



*A Project Record Submitted in Partial Fulfilment
Of The Requirements
For The Degree Of Master Of Science in
Chemistry*

By

ANUPAMA MAHANTA

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Univ. Deptt. of
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Under The Supervision Of
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**University Department Of Chemistry , Kolhan University
Chaibasa, (833201), Jharkhand**



CERTIFICATE

The work contained in the project "Isolation of constituents Medicinal Plants available in Jharkhand State" submitted by **ANUPAMA MAHANTA** Roll.no:-192606558236, Registration no: **KU1800570/2018**, Session:- **2018-2020**: has been carried out for the partial fulfilment of degree in *M.Sc. in Chemistry* is a record of bonafide work carried out by her under the supervision of *Dr. Sarita Prasad*. She has taken proper care and shown almost sincerity in completion of this project work.

Date:-

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Dr. Sarita Prasad

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Kolhan University, Chaibasa

**PG DEPARTMENT OF CHEMISTRY
KOLHAN UNIVERSITY CHAIBASA**



**A PROJECT REPORT ON THE ANALYSIS OF IRON ORE COLLECTED
FROM KIRIBURU – MEGHAHATUBURU**

Submitted By:- ASHISH KUMAR BARIK

Regd.No:- KU1800544/2018

Roll No:- 192606558237

Session:- 2018-2020

**EXAMINED
Univ. Deptt. of
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Under the supervision of

Dr.Sarita Prasad



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from **Kiriburu Meghahatuburu** Iron ore mines "submitted by ASHISH KUMAR BARIK (Roll No-192606558237, Regd. No- KU1800544/2018, Session- 2018/20)" in partial fulfillment of the requirement for the award of Master of Science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under my supervision of Dr. Sarita Pradhan

Examiner:

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Dr. Sarita Prasad

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6.11.2020
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Kolhan University, Chaibasa

**A PROJECT REPORT
ON
THE ANALYSIS OF IRON ORE
COLLECTED FROM KIRIBURU - MEGHAHATUBURU**



**Submitted in partial fulfillment of the requirement for the award of
THE MASTER OF SCIENCE (CHEMISTRY) SESSION 2018-2020**

Submitted By :- LINGARAJ KAR

Regd.No :- KU1800545

Roll No :- 192606558239

P.G DEPARTMENT OF CHEMISTRY

KOLHAN UNIVERSITY, CHAIBASA.

**Under the supervision of
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CERTIFICATE

The work contained in the project "The analysis of Iron ore collected from Kiriburu-Meghahatuburu Iron ore mines" submitted by Lingaraj kar, Roll no-192606558239, Registration no/Year:-KU1800545/2018, Session :-2018-2020 has been carried out for the partial fulfilment of degree in M.Sc. in chemistry is a record of bonafide work carried out by him under the supervision of Dr. Sarita Prasad. She has taken proper care and shown almost sincerity in completion of this project work.

Dr. Sarita Prasad

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**PG DEPARTMENT OF CHEMISTRY
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**A PROJECT REPORT ON THE ANALYSIS OF IRON ORE COLLECTED
FROM KIRIBURU – MEGHAHATUBURU**

Submitted By:- TUSARKANTA MAHANTA

Regd.No:- KU1800549/2018

Roll No:- 192606558234

Session:- 2018-2020

**EXAMINED
Univ. Deptt. of
Chemistry, K.U**

Under the supervision of

Dr.Sarita Prasad



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from KIRIBURU MEGHAHATUBURU Iron ore mines "submitted by TUSARKANTA MAHANTA (Roll.No-192606558234, Regd.No-KU1800549/2018, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science(Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under the supervision of Dr. Sarita Prasad

Examiner:

Affiliation:

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Head

University Department of Chemistry
Kolhan University, Chaibasa

**A Project Report on Analysis
of Iron Ore Collected From
Kiriburu Meghahatuburu**



**A PROJECT REPORT
SUBMITTED IN PARTIAL
FULFILMENT OF THE
REQUIREMENTS FOR THE
DEGREE OF
MASTER OF SCIENCE
IN CHEMISTRY**

BY

SONU JOSEPH

SESSION:- 2018-2020

UNDER THE SUPERVISION OF

DR. SARITA PRASAD

UNIVERSITY DEPARTMENT OF CHEMISTRY KOLHAN UNIVERSITY,

CHAIBASA – 833202, JHARKHAND



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from KIRIBURU MEGHAHATUBURU Iron ore mines" submitted by Sonu Joseph (Roll.No-192606558232, Regd.No-KU1800554/2018, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science(Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under the supervision of Dr. Sarita Prasad

Examiner:

Affiliation:

Deisgnation:

Sonny Joseph
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Sarita Prasad
6-11-2020
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Head University Department Of Chemistry

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Head
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Kolhan University, Chaibasa

Isolation of constituents of

MEDICINAL PLANTS

Available In Jharkhand State

*A Project Record Submitted in Partial Fulfilment
Of The Requirements
For The Degree Of Master Of Science in
Chemistry*

By

DIPTISHREE BEHERA

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Univ. Dept. of
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Under The Supervision Of
DR. SARITA PRASAD, DR. GEETA MISHRA

University Department Of Chemistry , Kolhan University
Chaibasa. (833201) Jharkhand





CERTIFICATE

The work contained in the project "Isolation of constituents Medicinal Plants available in Jharkhand State" submitted by **DIPTISHREE BEHERA**, Roll.no:-192606558219, Registration no: **KU1800555/2018**, Session:- **2018-2020**: has been carried out for the partial fulfilment of degree in M.Sc. in Chemistry is a record of bonafide work carried out by her under the supervision of Dr. Sarita Prasad. She has taken proper care and shown almost sincerity in completion of this project work

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6.11.2020

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Kolhan University, Chaibasa

KOLHAN UNIVERSITY, CHAIBASA



P.G DEPT.OF CHEMISTRY, K.U. CHAIBASA

**PROJECT TOPIC:-ANALYSIS OF IRON ORE COLLECTED FROM
KIRIBURU-MEGAHATABURU IRON MINES**

SUBMITTED BY

Name- Tanmay Kumar Giri
Roll No- 192606558245
Class- M.Sc. Sem. IV
Regd. No- KU1800566/2018
Session- 2018-2020

EXAMINED
Unit Dept of
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SUBMITTED TO

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P.G. Dept. of Chemistry, Chaibasa



CERTIFICATE

This is to certify that the project work entitled "The Analysis of Iron ore collected from KIRIBURU MEGHAHATUBURU Iron ore mines "submitted by TANMAY KUMAR GIRI (Roll.No192606558245, Regd.No-KU1800566/2018, Session-2018-2020), in partial fulfillment of the requirement for the award of Master science (Chemistry) at P.G. Department of Chemistry, KOLHAN UNIVERSITY, Chaibasa is an authentic work carried out by him under the supervision of Dr. SARITA PRASAD

Examiner:

Affiliation:

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Sarita Prasad
6.11.2020
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