

**A
MAJOR PROJECT REPORT
ON**

**“ VANUATU’S NATIONAL ENERGY ROADMAP PROJECTION USING
LOW EMISSION ANALYSIS PLATFORM (LEAP) : 2030 ”**



Submitted in the Partial Fulfilment of the award of

**DEGREE OF MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT
2021-2023**

**SUBMITTED BY
ABHISHEK MISHRA
(21EN7A 454)**

GUIDED BY

**Dr. R. N. SINGH
Professor and Head
SEES, DAVV**

CO-GUIDED BY

**Mr. NAVEEN KUMAR PAWAR
Director
Neo Climate Solution Pvt. Ltd,
New Delhi**

**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P.)- 452017**

June 2023

CERTIFICATE



NEO CLIMATE SOLUTIONS PRIVATE LIMITED
CIN: U74999DL2021PTC376305
GST No: 07AAHCN4064D1ZM

26th June 2023

To whomsoever, it may concern

This is to certify that **Mr. Abhishek Mishra**, student of M. Tech. (Energy Management) at the School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya (DAVV), Takshila Campus, Khandwa Road, Indore-452017, Madhya Pradesh (India), has successfully completed his project thesis work and six months internship with us from 9th January 2023 to 23rd June 2023.

He completed the project work to our satisfaction. Our organization rates his initiative and overall contribution during the internship as very valuable.

We appreciate his keenness to learn and positive attitude towards work.

We wish him all the best in his future endeavours.

Yours sincerely,

For Neo Climate Solutions Pvt. Ltd.,

Director



7/17, Anand, Ground floor, Sardarpur



+91 991 044 1434



contact@neoclimatesol.org



www.neoclimatesol.org

**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA,
INDORE- 452017**

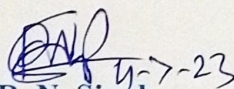


CERTIFICATE

This is to certify that Mr. Abhishek Mishra has carried out the project work entitled “**Vanuatu’s NERM Projection Using Low Emission Analysis Platform (LEAP) : 2030** ” under my guidance and supervision.

I approve this submission in the partial fulfilment for the award of the Degree of Master of Technology in Energy Management to School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore.

This work is his original work and has not been produced in any University for the award of degree.


Dr. R. N. Singh

**(Professor and Head)
SEES, DAVV, Indore**

MAJOR PROJECT REPORT
**“PROJECT MANAGEMENT OF 250 kW ROOFTOP-
MOUNTED SOLAR PV PROJECT”**



Submitted in the Partial Fulfillment of the award of Degree of

**MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT
2021-23**

SUBMITTED BY

ADITYA CHOUHAN

21EN7A455

GUIDED BY

Dr. R.N. SINGH
(Professor and Head)
SEES, DAVV

CO-GUIDED BY

ABHISHEK HOTE
Project Manager
PickRenew Energy Pvt Ltd,
Indore

**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
(FACULTY OF ENGINEERING SCIENCES)
DEVI AHILYA VISHWAVIDYALAYA INDORE (M.P)-452001**

JUNE - 2023



INTERNSHIP CERTIFICATE

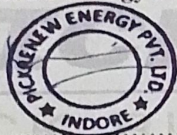
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Aditya Chouhan** has successfully completed 6 Months as a internship at PickRenew Energy Pvt. Ltd. from 09.01.2023 to 28.06.2023.

During the internship period, his performance was very good.

We wish him continued success in his future endeavors.

For, Pickrenew Energy Pvt. Ltd.



Sumit Kumar Somani
Director
Date: 28.06.2023
Place : Indore

PICKRENEW ENERGY PVT. LTD.

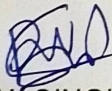
Office No. A-102, 1st Floor, Plot No. 161, 162-C, Basant Vihar,
Indore - 452 010 Madhya Pradesh, Ind. +91 731 4213888, Mob. +91 82230 04888

E- info@pickrenew.com
CIN No. U10106MP2019PTC049747
GST - 23AAKCP7483P17L



CERTIFICATE

This is to certify that MAJOR PROJECT Entitled “**PROJECT MANAGEMENT OF 250 kW ROOFTOP-MOUNTED SOLAR PV PROJECT**” is being submitted by Mr. ADITYA CHOUHAN for the partial fulfillment of the Award of the Degree of Master of Technology (Energy Management), Devi Ahilya Vishwavidyalaya, Indore. He has completed this Report successfully under my guidance and fulfilled all requirements.

 11-7-23

Dr. R.N. SINGH

(Professor and Head)

SEES, DAVV

Indore

Date:

Place: Indore

A Major Project Report
On
“Electricity Market – Solar Power project power sale in IEX”



*Submitted in the partial fulfilment for the award of the degree of
Master of Technology*

In
Energy Management

2021-2023

Submitted to

School of Energy & Environmental Studies
Devi Ahilya Vishwa Vidhyalaya, Indore 452001

GUIDED BY

Dr. RUBINA CHAUDHARY

SUBMITTED BY

AMISHA GURJAR
(21EN7A457)

CO GUIDED BY

MR. SUMIT KUMAR SOMANI

CMD

PICKRENEW ENERGY PVT LTD INDORE

INTERNSHIP CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Amisha Gurjar has successfully completed 6 Months as a internship at PickRenew Energy Pvt. Ltd. from 02.01.2023 to 28.06.2023.

During the internship period, her performance was very good.

We wish him continued success in her future endeavors.

For, Pickrenew Energy Pvt. Ltd.



Sumit Kumar Somani
Director
Date: 28.06.2023
Place : Indore

CERTIFICATE

School of Energy & Environmental Studies
Devi Ahilya Vishwavidyalaya Indore-452001



This is to certify that **Ms. AMISHA GURJAR** carried out the project work entitled “**Electricity Market – Solar Power project power sale in IEX**” under my guidance and supervision.

I approve this submission in the partial fulfilment for the award of degree of Master of Technology (Energy Management) to School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore.

This work is his original work and has not been produced in any University for the award of any degree.

Date : 4.8.2023,

Dr. Rubina Chaudhary
Professor
SEES, DAVV, Indore

Major Project Report

on

Analysis of design parameters and performance of 240KLD Effluent
Treatment Plant.

Vapi, Gujrat



Submitted in the Partial Fulfilment of the award of Degree of
MASTER OF TECHNOLOGY IN ENERGY MANAGEMENT

2021-2023

Submitted by –
Annie Das Fegde

GUIDED BY-

Dr. R.N. Singh
Professor & HOD
SEES, DAVV

CO-GUIDED BY-

Mr. Alay Shah
GDVPL
Vapi, Gujrat

SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
(Faculty of Engineering Science)
DEVI AHILYA VISHWA VIDYALAYA INDORE (M.P)-452001

INDORE – 452017
June 2023



Galva Decoparts Pvt. Ltd.

Moulding & Chrome plating on Automotive & FMCG components

VAPI Plant : Plot No. 1702/A, Phase-III, G.I.D.C., Industrial Area, Vapi (Gujarat) 396 195. Tel. 0260-2424616 Fax.: 0260 2426616

PUNE Plant : Gat No. 1073/6, Mankar Wadi Phata, Lavasa/Jrawade Road, Pirangut, Pune, Maharashtra - 412 108 Tel.: +91 9130033775

PUNE Plant : Gat No. 343, 36 Mtr. DP Road, Near Sairam Logistics, Kurull - Nighoje Road, Village - Nighoje, Taluka - Khed, Chakan, MIDC., Phase - III, Dist. Pune - 410 501.

ZAROLI Plant : Plot No -7, Servey-4, Nr Sheela Foam, Village-Zaroli Bhilad, Tal-Umbergaon, Dist- Valsad 396 105, Gujarat INDIA

REGD. OFFICE : Plot No. 394/D, Flat No. 13, Pranav Building, Shradhdhanand Road, Matunga, (C.R) MUMBAI Maharashtra - 400 019

E-mail : admin@galva.in Website : www.galva.in CIN : U74999MH2007PTC172549

Date: 30th May 2023

Ref: - GDPL/HR/2023

To,

- Mrs. Annie Das Fegde.

Intern (ETP)

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mrs. **Annie Das Fegde** has successfully completed **1 Month** of an internship program from **23-04-2023** to **30-05-2023** in the ETP department of our organization.

During the above period, we found that she was consistent, honest, and diligent in her assigned duties and responsibilities.

We wish her great success in her future endeavours.

For Galva Decoparts Pvt. Ltd.



Authorized Signatory

(HR & Admin.)

SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
(Faculty of Engineering Science)
DEVI AHILYA VISHWA VIDYALAYA INDORE (M.P)-452001
INDORE – 452017



CERTIFICATE

This is to certify that a major project (23rd April, 2023 – 30th May, 2023) titled “Analysis of design parameters and performance of 240KLD Effluent Treatment Plant”, Vapi, Gujrat submitted to Annie Das Fegde, School of Energy & Environmental Studies, Devi Ahilya Vishwa Vidyalyaya, Indore, for the degree of Master of Technology in Energy Management, is based on the results of bonafied project work carried out by her, under my guidance and supervision.

To the best of my knowledge Mrs Annie Das Fegde has done his project with hard work and dedication. This project work is all original and I wish her all her success in her future endeavour.

Date:

Dr. R.N. Singh
(Professor & Head)
SEES, DAVV, Indore

A
Major Project Report
On
Energy Audit of a Food Industry



Submitted in the partial fulfilment of the Award of Degree of
Master of Technology
In
Energy Management
(Batch 2021-2023)

Submitted by
Avneesh Kumar Sharma

Guided by
Dr. Rubina Chaudhary
Professor
Department of SEES
DAVV Indore (M.P.)

Co-Guided by
Mr. Ankur Nagar
Counsellor
Confederation of Indian Industry
Chandigarh

SCHOOL OF ENERGY AND ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P.)-452001
JUNE 2023



CII
Centre of Excellence
for Competitiveness for SMEs



Confederation of Indian Industry

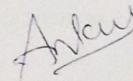
Ankur Nagar
Counsellor
CII – Centre of Excellence for Competitiveness
Confederation of Indian Industry

04 August 2023

Certificate of Project Training

This is to certify that **Mr. Avneesh Kumar Sharma**, student of Master of Technology in Energy Management from “**School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore**” has successfully completed his project work from 01 March 2023 to 31 July 2023 at **CII – Centre of Excellence for Competitiveness for SMEs, Confederation of Indian Industry, Chandigarh.**

We wish Avneesh Kumar Sharma the very best for his future endeavors.



Ankur Nagar
Counsellor – Energy Efficiency & Climate Change
CII – Centre of Excellence for Competitiveness for SMEs
Confederation of Indian Industry

CII – Centre of Excellence for Competitiveness
Confederation of Indian Industry
Sector 31 A, Chandigarh 160 030, India
Tel: 91-172-2607228, 2605868, 5080784 | Fax: 91-172-2606259, 2614974 | Website: www.cii.in

**SCHOOL OF ENGINEERING AND ENVIRONMENTAL STUDIES
(SEES)**

SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INODRE (M.P)

452001

JUNE 2023

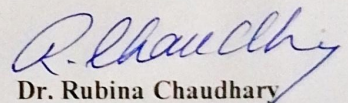


CERTIFICATE

This is to certify that the Work in this thesis entitled "Energy Audit of Food Industry". submitted by Avneesh Kumar Sharma in the partial fulfilment of the award of the degree of Master of Technology (Energy Management) from Devi Ahilya Vishwavidyalaya, Indore. He has completed this thesis successfully under his guidance and full filled all requirements.

Place- Indore

Date- 4.8.2023.



Dr. Rubina Chaudhary

Professor

Department of SEES

DAVV, Indore (M.P)

A MAJOR PROJECT ON
“THERMAL PERFORMANCE OF BUILDING PROTOTYPE WITH
TWO DIFFERENT EXTENSIVE GREEN-ROOF STRUCTURE IN
COMPOSITE CLIMATE”



Submitted in the Partial Fulfilment of the award of Degree of

MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT

2021-23

SUBMITTED BY
DEEPIKA RATRE
(21EN7A-460)

GUIDED BY
Dr R.N. SINGH
(Professor & Hod)

SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWA VIDYALAYA INDORE (M.P)-452001

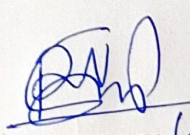
SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES

DAVV, INDORE



CERTIFICATE

This is to certify that Major Project “**THERMAL PERFORMANCE OF BUILDING PROTOTYPE WITH TWO DIFFERENT TYPES OF EXTENSIVE GREEN-ROOF STRUCTURE IN COMPOSITE CLIMATE**” is being submitted by Mrs **DEEPIKA RATRE** for the partial fulfilment of the Award of the Degree of **Master of Technology (Energy Management)**, Devi Ahilya Vishwavidyalaya, Indore. She has completed this Minor Project successfully under my guidance and full filled all requirements.


Dr. R.N. SINGH

(Professor & Hod)

SEES, DAVV

Indore (M.P)

Date:

4-6-23

**A
MAJOR PROJECT REPORT
ON**

**“Battery Energy Storage System Architecture and Manufacturing of Advance
Lead Acid Batteries”**



Submitted in the Partial Fulfilment of the award of

**DEGREE OF MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT
2021-2023**

**SUBMITTED BY
MUDIT BARDE
(21EN7A 461)**

GUIDED BY

**Dr. R.N. Singh
Professor & Head
SEES, DAVV- INDORE**

CO-GUIDED BY

**Mr. B. Prabhu
Director
KB ELECTRICALS & ENERGY SERVICES
INDORE**

**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P)- 452017**

JUNE 2023

CERTIFICATE



KHUSHI BATTERIES PVT LTD

To

MUDIT BARDE
416 A OLD PALASIA
INDORE
27 june 2023

Internship Certificate Letter

TO WHOM IT MAY CONCERN

This is to certify that **Mr.Mudit Barde** has successfully completed an internship with **Khushi Batteries Pvt Ltd Indore** as a Position of Intern in the Department of **BESS and Manufacturing section of Advance Lead Acid Batteries** from 5 jan 2023 to 25 june 2023.

He had worked on the Project under the supervision and guidance of MR B. Prabhu . During the internship, he has gained several learnings such as Battery Rig testing, Design of BESS ,RBT Technologies and developed considerable skills.

Besides showing high comprehension capacity, managing assignments with the utmost expertise ,and exhibiting maximal efficiency, he has also maintained an outstanding professional demeanour and showcased excellent moral character throughout the internship period.

I hereby certify his overall work as excellent & satisfactory to the best of my knowledge.

Wishing him/ her the best of luck in his future endeavours.


For K B PVT LTD
INDORE

Authorized Signatory

Tel 0731 4982097
MOB 9826437659

S 1/9 scheme no
71
Mechanic nagar
Indore

Khushibatteries@gmail.com



KB ELECTRICALS

**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA,
INDORE- 452017**



CERTIFICATE

This is to certify that **Mr. Mudit Barde** has carried out the project work entitled **“Battery Energy Storage System and Manufacturing of Advance Lead Acid Batteries”** under my guidance and supervision. I approve this submission in the partial fulfillment for the award of the Degree Master of Technology in Energy Management to the School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore.

This work is his original work and has not been produced in any University for the award of a degree.

Dr. R.N. Singh

(Professor &Head)

SEES, DAVV, Indore

MAJOR PROJECT REPORT ON
**“Physical Based Mathematical Modelling
for Estimation of Sediment Rate and Sediment
Transport in Narmada Sub-Basin- Dindori”**



Submitted in the Partial Fulfillment of the award of Degree of

MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT
2021-2023

SUBMITTED BY
NIHIT KUMAR KHARE
(21 EN7A462)

GUIDED BY-
Dr. RUBINA CHAUDHARY
Professor
SEES, DAVV, INDORE

CO-GUIDED BY-
Mr. RAMAN KUMAR
Director Projects
Royal HaskoningDHV
Noida, India

**SCHOOL OF ENERGY AND ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P) - 452001**

JUNE 2023

Date: June 21, 2023

HASKONINGDHV CONSULTING PVT. LTD.

Green Boulevard, Tower – B
Fourth floor, Plot No. B - 9A, Sector – 62
Noida 201301, India
+91 (0) 120 4016100 Telephone
+91 (0) 120 4260165 Fax
info.india@rhdhv.com E-mail
www.royalhaskoningdhv.com Internet

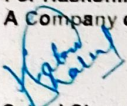
To Whomsoever It May Concern

This is to certify that **Mr. Nihit Kumar Khare** student of **School of Energy and Environmental Studies and Research, Davv Takshila Parisar, Indore, Madhya Pradesh 452001** has undergone an Internship with HaskoningDHV Consulting Pvt Ltd, in our **Advisory Group - Water Technology & Resilience, India** at our Noida office from **February 10, 2023 to June 23, 2023**.

During his internship period, we found him to be hardworking and sincere. We wish him success for his future endeavors.

Thanking you,

For HaskoningDHV Consulting Pvt. Ltd
A Company of Royal HaskoningDHV



Sahni Sharma
Country Manager-HR, India



CERTIFICATE

This is to certify that major project report entitled "**Physical Based Mathematical Modelling for Estimation of Sediment Rate and Sediment Transport in Narmada Sub-Basin- Dindori**" is being Submitted by **Mr. NIHIT KUMAR KHARE (21EN7A462)** for the partial fulfillment of the Award of the Degree of Master of Technology (Energy Management), Devi Ahilya Vishwavidyalaya, Indore. He has completed this Report successfully under my guidance and fulfilled all requirements.

R. Chaudhary
Dr. RUBINA CHAUDHARY
30.6.23
(Professor)

SEES, DAVV, Indore

DATE:

PLACE: INDORE

A
Major Project Report
on

**“GLOBAL CARBON COUNCIL- VERIFICATION OF
RENEWABLE ENERGY PROJECTS”**



Submitted in the partial fulfillment of the Award of Degree of
“Master of Technology in Energy Management”

Batch (2021-2023)

Submitted By

Piyush Raj

GUIDED BY:

Dr. RUBINA CHAUDHARY
(PROFESSOR)

SCHOOL OF ENERGY &
ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA
INDORE, MP

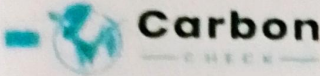
CO-GUIDED BY:

Mr. RISHI K. RAYCHOUDHURY
(DGM/TEAM LEAD)

CARBON CHECK (INDIA) PVT.
LTD.
LOGIX OFFICE TOWER,
SEC-32, NOIDA, UP

**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES, DEVI AHILYA
VISHWAVIDYALAYA, INDORE (M.P.)- 452001**

Certificate of Project Training



Ref. No.: CCIPL/INTERNSHIPLETTER-01/26062023

Date: 26th June 2023

To Whomsoever It May Concern

This is to certify that **Piyush Raj** has done his major project work as an intern with Carbon Check (India) Private Limited in India, from 02 January 2023 to 26 June 2023.

During his internship, he actively contributed to major projects, particularly focusing on the validation and verification of carbon credit projects adhering to standards such as CDM, GCC, VCS and GS4GG.

Piyush Raj showed great dedication, strong organizational skills, and the ability to handle multiple tasks effectively, ensuring tasks were completed on time. We highly recommend him as a diligent and capable worker with significant potential for future professional growth.

We are grateful for the valuable service he rendered to us and wish him the best in all his future endeavors.

For Carbon Check (India) Private Limited.


Neha Bachant
(Manager-HR)



CERTIFICATE



SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES, DEVI AHILYA
VISHWAVIDYALAYA, INDORE (M.P.)- 452001

JUNE - 2023

This is to certify that this Major Project Report entitled “GLOBAL CARBON COUNCIL – VERIFICATION OF RENEWABLE ENERGY PROJECTS”. is being submitted by **Mr. Piyush Raj**. He has been appointed as a part of a Desk Review Team in CCIPL, which is an essential procedure while performing verification and emission reduction verification works. He has made assessment of projects and raise findings and drafted verification report. He is submitting the report for the partial fulfilment of the award of the degree of Master of Technology in Energy Management, School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore. He has completed this Major Project successfully under my guidance and fulfilled all requirements.

R. Chaudhary

Dr. Rubina Chaudhary (Professor),

30.6.2023

School of Energy and Environmental Studies

Devi Ahilya Vishwavidyalaya, Indore

Date: 30/06/2023

A
MAJOR PROJECT REPORT
ON

“Irrigation and Watershed Management in the Republic of Madagascar using
EX-Ante Carbon-Balance Tool for Mitigation Potential”



Submitted in the Partial Fulfilment of the award of

DEGREE OF MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT
2021-2023

SUBMITTED BY
RUPESH FARKADE
(21EN7A464)

GUIDED BY

Dr. RUBINA CHAUDHARY
Professor
SEES, DAVV

CO-GUIDED BY

Mr. NAVEEN KUMAR PAWAR
Director
Neo Climate Solution Pvt. Ltd. India

SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P)- 452017

June 2023

26th June 2023

To whomsoever, it may concern

This is to certify that **Mr. Rupesh Farkade**, student of M. Tech. (Energy Management) at the School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya (DAVV), Takshila Campus, Khandwa Road, Indore-452017, Madhya Pradesh (India), has successfully completed his project thesis work and six months internship with us from 9th January 2023 to 23rd June 2023.

He completed the project work to our satisfaction. Our organization rates his initiative and overall contribution during the internship as very valuable.

We appreciate his keenness to learn and positive attitude towards work.

We wish him all the best in his future endeavours.

Yours sincerely,

For Neo Climate Solutions Pvt. Ltd.,

Director



**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA,
INDORE- 452017**

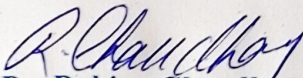


CERTIFICATE

This is to certify that Mr. Rupesh Farkade has carried out the project work entitled **“Irrigation and Watershed Management in the Republic of Madagascar using EX-Ante Carbon-Balance Tool for Mitigation Potential”** under my guidance and supervision.

I approve this submission in the partial fulfillment for the award of the Degree of Master of Technology in Energy Management to the School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore.

This work is his original work and has not been produced in any University for the award of a degree.


Dr. Rubina Chaudhary

(Professor)

SEES, DAVV, Indore

A MAJOR PROJECT REPORT ON



***“AIR QUALITY MONITORING, EMISSION INVENTORY AND
SOURCE APPORTIONMENT STUDIES FOR INDIAN CITIES”***

Submitted in the Partial Fulfilment of the award of Degree of

MASTER OF TECHNOLOGY IN ENERGY MANAGEMENT

2021- 2023

**SUBMITTED BY-
VIJAY PARIHAR
(21EN7A465)**

**CO - GUIDED BY
Mr. RAJESH SHARMA
O&M HEAD (PICKRENEW)
Dr. SHAILENDRA YADAV
Doctoral WRI (World Resource Institute)**

GUIDED BY

**DR. R.N. SINGH (HOD, PROFESSOR)
SEES DAVV**

**SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P.) -452017**

JUNE 2023



INTERNSHIP CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Vijay Parihar** has successfully completed 3 Months as a internship at PickRenew Energy Pvt. Ltd. from **16/01/2023** to **28/04/2023** .
During the internship period, his performance was very good.

We wish him continued success in his future endeavors.

For, Pickrenew Energy Pvt. Ltd.



Sumit Kumar Somani
Director
Date: **28/06/2023**
Place : Indore

PICKRENEW ENERGY PVT. LTD.

Office No. A-102, 1st Floor, Plot No. 161-162 C, Basant Vihar,
Indore - 452 010 Madhya Pradesh Tel. : +91-731-4213888, Mob. : +91-82230-03888

E: info@pickrenew.com
CIN No. - U10106MP2019PTC049747
GST - 23AAKCP7483P1ZL



CERTIFICATE

This is to certify that Minor Project "AIR QUALITY MONITORING, EMISSION INVENTORY AND SOURCE APPORTIONMENT STUDIES FOR INDIAN CITIES" is being submitted by Mr. Vijay Parihar for the partial fulfilment of the Award of the Degree of Master of Technology (Energy Management), Devi Ahilya Vishwavidyalaya, Indore. He has completed this Major Project successfully under my guidance and full filled all requirements.

DR. R.N. SINGH
(Professor & HOD)
SEES, DAVV
Indore (M.P)
Date: