

A
MAJOR PROJECT REPORT
ON

**“ASSESSMENT OF GREENHOUSE GAS (GHG) EMISSIONS MITIGATION
POTENTIAL AND POLICY RECOMMENDATIONS FOR ENABLING
FASTER ADOPTION OF ELECTRIC VEHICLES (EVs) FOR URBAN
TRANSPORTATION: KALYAN-DOMBIVLI MUNICIPAL AREA IN
MAHARASHTRA, INDIA”**



Submitted in the Partial Fulfilment of the award of

**DEGREE OF MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT
2019-2021**

**SUBMITTED BY
AJAY KUMAR GAUTAM
(19EN7A 422)**

GUIDED BY

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

CO-GUIDED BY

**Mr. NAVEEN KUMAR PAWAR
Associate
SCS Ltd, New Zealand**

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



229 Highcliff Road Dunedin 9013 New Zealand
Telefax: +64 3 4544775; Email: srikanth@subbaraoconsulting.com
www.subbaraoconsulting.co.nz

30th June, 2021

To whomsoever it may concern

This is to certify that **Mr. Ajay Kumar Gautam** student of School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya has successfully completed his summer/project training with us from **1st February, 2021 to 30th June, 2021**. The project work entitled "**Assessment of Greenhouse gas (GHG) emissions mitigation potential and policy recommendations for enabling faster adoption of Electric Vehicles (EVs) for urban transportation: Kalyan-Dombivli Municipal area in Maharashtra, India**" embodies the learning during his training period.

He completed the project work to our satisfaction. Our organization rates his initiative and overall contribution during the project assessment as very valuable. We appreciate his keenness to learn and positive attitude towards work.

We wish him success in his future academics and future career.

Sincerely,
For Subbarao Consulting Services (SCS) Ltd

(Authorized Signatory)
Naveen Kumar Pawar
Associate



A Major PROJECT ON
**“Carbon Footprint and Carbon Sequestration Assessment of
Coffee Farms in Karnataka, Kerala and Tamilnadu”**



Submitted in the Partial Fulfilment of the award of Degree of
MASTER OF TECHNOLOGY IN ‘ENERGY MANAGEMENT’
2019-21

SUBMITTED BY
KUMAR SHANTANU SAHU (19EN7A433)

June - 2021

GUIDED BY

DR. RUBINA CHAUDHARY
(PROFESSOR)

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

CO-GUIDED BY


MANOJ KUMAR BOREKAR
(HEAD, SUSTAINABILITY)

TUV-INDIA PVT. LTD.
TUV INDIA HOUSE,
PUNE, MAHARASHTRA, 411021

Certificate of Project Training

This is to certify that **Mr. Kumar Shantanu Sahu**, student of Master of technology in Energy Management (Batch 2019 -2021) from **School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore** has successfully completed his major project work from 1st January 2021 to 10th June 2021 at **TUV India Pvt Ltd.**

We wish Kumar Shantanu the best for his future endeavours.



Manoj Kumar Borekar

Product Head, Sustainability | Energy | Water | Carbon

TUV India Pvt. Ltd. Pune (TÜV NORD GROUP)



A
Major Project
On

**“CLEAN DEVELOPMENT MECHANISM- METHANE RECOVERY
AND BIO-GAS UTILIZATION PROJECT”**



Submitted in the partial fulfillment of the Award of Degree of

Master of Technology

In

Energy Management

Batch (2019-2021)

Submitted By

Shreya Kunj

GUIDED BY

**DR. RUBINA CHAUDHARY
(PROFESSOR)**

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

CO-GUIDED BY

**Ms. SHREYA GARG
(VICE-PRESIDENT, ESPL)**

SPACE ITECH PARK
SECTOR 49, SOHNA ROAD
GURUGRAM, HARYANA

DATED: 29/07/2021

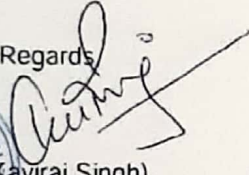
To whomsoever it may concern

This is to certify that Ms. Shreya Kunj, a student of M.Tech. (Energy Management) from School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore, has successfully completed her internship at Earthood Services Private Limited, Gurgaon between 01/02/2021-14/07/2021. She was a part of the desk review team for Clean Development Mechanism (CDM) projects, Gold Standard for Global Goals(GS4GG) projects and Verified Carbon Standard(VERRA) projects. She has gained useful experience in practical aspects of GHG audits(assessment and documentation).

Her internship was good, and she proved to be regular, sincere, hardworking and dedicated.

We wish her all the success in her future endeavors.

Best Regards


(Dr. Kaviraj Singh)

Managing Director



Office: 409-410, Tower B4, Spaze I-Tech Park, Sector 49, Gurgaon-122018, India

CIN : U93000HR2012PTC047116

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A
Major Project Report
On
Energy Audit of Consumer Goods Company



Submitted in the partial fulfillment of the Award of Degree of

Master Of Technology
In
Energy Management

Batch 2019 – 2021

Submitted By
Rakesh Prajapati

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

Co – Guided By
Mr. Sanjay Namdeo
Senior Counsellor
Confederation of Indian Industry
Chandigarh

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

JUNE 2021

Certificate



CII

Centre of Excellence
for Competitiveness for SMEs



Confederation of Indian Industry

Sanjay Namdeo
Senior Counselor
CII - Centre of Excellence for Competitiveness
Confederation of Indian Industry

5 October 2021

Certificate of Project Training

This is to certify that Mr. Rakesh Prajapati, 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 15 February 2021 to 30 June 2021 at CII - Centre of Excellence for Competitiveness for SMEs, Confederation of Indian Industry, Chandigarh.

We wish Rakesh Prajapati the very best for his future endeavors



Sanjay Namdeo

Sanjay Namdeo
Senior Counsellor
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

A
MAJOR PROJECT REPORT
ON
ENERGY AND DAYLIGHT SIMULATION FOR MULTI-
DWELLING RESIDENTIAL UNITS REGISTERED UNDER
IGBC GREEN HOMES VERSION 2.0



Submitted in the partial fulfillment of the award of Degree of

MASTER OF TECHNOLOGY

IN

ENERGY MANAGEMENT

2019-2021

SUBMITTED BY

GAURAV KUMAR SINGH

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

Co – Guided By
Mr. Tarun Sachdeva
Manager
Earthood Services Pvt. Ltd.
Gurugram, Haryana

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

JUNE 2021

Internship Certificate

05.June.2021

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Gaurav Kumar Singh a student of M. TECH (Energy Management) has successfully completed 4.5 months (from 1st Feb 2021 to 15th June 2021) major project Internship with Earthood Services Pvt Ltd , Gurugram (Haryana).

His major responsibilities included execution of Energy Simulation of IGBC and GRIHA projects and Energy Audits of Buildings & Plants etc.

During his internship program with us he was found hard working, productive and inquisitive we wish him success in his future endeavors and extend our best wishes.

For EARTHOD SERVICES PRIVATE LIMITED



Director

Yours sincerely,

For Earthood Services Private Limited

Sanjeev Kumar

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MAJOR PROJECT REPORT
ON



ENERGY SIMULATION OF A COMMERCIAL BUILDING
USING eQUEST FOR PERFORMANCE ANALYSIS WITH
RESPECT TO ASHRAE STANDARDS

Submitted in the partial fulfillment of the award of Degree of

MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT
2019-21

SUBMITTED BY
TANMAY SHARMA

Supervisor
Dr. R. N. Singh
Head & Professor
SEFS, DAVV, Indore

Co-Supervisor
Dr. Hari Kumar Singh
Counsellor
Design2Occupancy Services LLP



GSTIN : 08AAJFD9550B1ZH

Design2Occupancy Services LLP

Date: August 20, 2021

Internship Completion Certificate

This is to certify that Mr. Tanmay Sharma, has successfully completed his internship from Design2Occupancy Services LLP, Jaipur from January 27, 2021 to June 27, 2021.

We found him sincere, hardworking, technically sound and result oriented. He worked well as part of a team during his tenure. He proved to be a motivating team member and had explored/learned the skills in Sustainability Services (SS). We appreciate his diligence and enthusiasm.

We take this opportunity to thank him and wish him all the best for future endeavours.

Best Regards

for Design2Occupancy Services LLP

Arushi
(Authorized Signatory)

Authorized Signatory

Design2occupancy Services LLP

Head Office : A-75, Sitapura Industrial Area, Near GIT College, Tonk Road, Jaipur, Rajasthan (India) 302022

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Branch Offices : Gurgaon | Ahmedabad | Hyderabad | Chandigarh | Mumbai | Surat

A
Major Project Report
on
**VIABILITY OF OPEN ACCESS SOLAR POWER IN MADHYA
PRADESH**



Submitted for partial fulfillment of award of
MASTER OF TECHNOLOGY

Degree In
Energy Management
2019-2021

By
VANYA CHAUHAN

Guided By:

Dr. R.N. Singh
Professor and Head of Department
Department of SEES,
DAVV, Indore (M.P.)

Co-Guided By:

Mr. Atish Malviya
Executive Engineer
Vedanjay Power Pvt. Ltd.
Indore, M.P.

**SCHOOL OF ENERGY AND ENVIRONMENTAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA,
INDORE, MADHYA PRADESH
JUNE 2021**



Connecting to a more sustainable future

15th June 2021

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Vanya Chauhan, student of M.Tech (Energy management), School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore has successfully completed her summer/project training with us from 1st February 2021 to 15th June 2021. The project work entitled "Open Access Policy in Madhya Pradesh" embodies the learning during her training period.

She completed the project work to our satisfaction. Our organization rates her initiative and overall contribution during the project assignment as very valuable. We appreciate her keenness to learn and positive attitude towards work.

We wish her all the best and success in all future endeavors.

Yours Faithfully
For Vedanjay Power Private Limited



Mr. Atish Malviya
Executive Engineer-Open Access
(Project Guide)

VEDANJAY POWER PRIVATE LIMITED

Corporate Office: Plot No. 4/F/53, Above BOI-Bank, Nai Sadak, Scheme No. 78, A.B. Road, Indore - 452008 (M.P.)
Branch Office: 506, Asawari Building, Block-G, Nanded City, Sinhgad Road, Pune - 411041 (MH)
Ph. No. : +91-731-4239605, Website: www.vedanjaypower.co.in, Email: vedanjaypower@gmail.com



229 Highcliff Road Dunedin 9013 New Zealand
Telefax: +64 3 4544775; Email: srikanth@subbaraoconsulting.com
www.subbaraoconsulting.co.nz

30th June, 2021

To whomsoever it may concern

This is to certify that **Mr. Harsh Dixit**, student of M. Tech (Energy Management) at School of Energy and Environmental Studies, Devi Ahilya Vishwavidyalaya (DAVV), Indore, Madhya Pradesh (India), has successfully completed his major project training at our organization as per his curriculum requirement from **1st February, 2021 to 30th June, 2021**. The project work entitled “**Digital Monitoring, Reporting, and Verification for non-Annex I countries using Integrated MRV Tool**” embodies the learning during his training period.

He completed the project work to our satisfaction. Our organization rates his initiative and overall contribution during the project assessment as valuable. We appreciate his keenness to learn and positive attitude towards work.

We wish him all the best for his future endeavors.

Sincerely,

For SUBBARAO CONSULTING SERVICES (SCS) LTD.

(Authorized Signatory)

Naveen Kumar Pawar

Associate





Federation of
Indian Chambers
of Commerce and Industry

Federation House
Tansen Marg
New Delhi 110001
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F +91 11 23320714 / 237215047
E ficci@ficci.com
www.ficci.com

7th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Rahul Gupta student of M.Tech (Energy Management), School of Energy and Environment Studies has successfully completed his internship with FICCI on project "Water audit in cement Manufacturing Industry" under the guidance of Mr M A Patil, Senior Director, Resource Conservation and Management Division from 24th November 2020 to 20th July 2021.

We wish him all the best in his future endeavors.

Arvind Francis
Head - HR

Industry's Voice for Policy Change

A
Major Project Report
On

"Analysis of Solar Rooftop Project at SECI, New Delhi"



Submitted in the partial fulfillment of the Award of Degree of

**MASTER OF TECHNOLOGY
IN
ENERGY MANAGEMENT**

Batch 2019-2021

**SUBMITTED BY
PRADEEP KUMAR
(19EN7A424)**

Guided By
Dr R.N. SINGH
(Professor & Head)
SEES D.A.V.V. Indore

Co-Guided By
Dr Y. B. REDDY
ADDL. GENERAL
MANAGER
SECI, New Delhi

**School of Energy and Environmental Studies
DAVV Indore
June - 2021**



SECI/HR/Training/2022/47946

08.03.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Pradeep Kumar, Student of Master of Technology (Energy Management) (19EN7A424) of SEES DAVV, Indore, MP has undergone "**Internship Training**" in the Solar Energy Corporation of India Limited, New Delhi for a period from 28.01.2021 - 30.06.2021 and has submitted Project on "**Analysis of Solar Rooftop Project**".

During his internship tenure, we found him to be sincere and hardworking.

We wish him for an exquisite career and future eminence.

Vatsala
08/03/2022

Vatsala Sinha
Officer (OL)

Pradeep Kumar

य : 6 वीं मंजिल, प्लेट-बी, एनबीसीसी कार्यालय ब्लॉक टावर-2, Regd. Office : 6th Floor, Plate-B, NBCC Office Block Tower-
पूर्वी किदवाई नगर, नई दिल्ली-110023 East Kidwai Nagar, New Delhi-110023

ष/Phone : (011) 24666200, ई-मेल/Email : corporate@seci.co.in, वेबसाइट/Website: www.seci.co.in

सीआईएन/CIN : U40106DL2011GOI225263