



Swami Keshvanand Institute of Technology, Management & Gramothan

(Accredited by NAAC with 'A++' Grade)

Approved by AICTE, Ministry of Education, Government of India

Recognized by UGC under Section 2(f) of the UGC Act, 1956

Affiliated to Rajasthan Technical University, Kota

1.3.3 Project Certificate (Sample) (2022-23)

🏠: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA

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✉: info@skit.ac.in | 🌐: www.skit.ac.in



CERTIFICATE

This is to certify that the project entitled "Air Purifier with AWG" being submitted for the award of the degree of Bachelor of Technology in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirements for the submission of this project.

Rajat Swami (19ESKME133)

Rahul Jangid (19ESKME128)

Rithik Raj Yadav (19ESKME140)

Puneet Sankhala (19ESKME123)

Rohit Haridasan (19ESKME145)

Rahul Saini (19ESKME130)

Swami
Rahul
R. Jangid
Puneet
Rohit Haridasan
Rahul Saini

Supervisor:

Prof
02/06/23

Mr. Suhaib Ansari

(Associate Prof. - 1)

Project Coordinator

Mr. Praveen Saraswat

(Associate Prof. - 1)

Amrit Agarwal



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “*Ventilated Seat For 2-Wheeler*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project

- | | | |
|--------------------|--------------|------------------------|
| 1. Akshat Singh | (19ESKME014) | <u>Akshat</u> |
| 2. Ajay Kumar Buri | (19ESKME008) | <u>Ajay Kumar Buri</u> |
| 3. Aman Sharma | (19ESKME023) | <u>Aman</u> |

Supervisor(s): Ashish
Dr. Ashish Nayyar
(Professor)

असतो मा सद्गमय

Ankit
Project Coordinator
52/06/2023
Mr. Ankit Agrawal
(Associate Prof).



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “**Design and Development of Physical Asset Audit & Verification software using python®**” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project

1. ASHVIN SINGH (19ESKME037) *Asingh*
2. ATUL JAIN (19ESKME038) *अतुल जैन*
3. AVIRAL KUMAR SHARMA (19ESKME039) *Aviral*
4. CHINMAY JAIN (19ESLME046) *Chinmay*

Dr. Vinay Agarwal
Name & Signature of Project Supervisor(s) *Associate Professor*

Ankil Agarwal

Name & Signature of Project Course Coordinator



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management &
Gramothan, Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “Agriculture wheel Sprayer” being submitted for their award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirements for the submission of this project.

- | | | | |
|----|---------------------------|--------------|-----------------|
| 1. | Bhanupratap Singh Chouhan | (19ESKME041) | <u>Bhanu</u> |
| 2. | Anuj Tripathi | (19ESKME032) | <u>Anuj</u> |
| 3. | Ankit Sharma | (19ESKME029) | <u>Ankit</u> |
| 4. | Amir Khan | (19ESKME024) | <u>Amir</u> |
| 5. | Ajay Pal Singh | (19ESKME009) | <u>Ajay Pal</u> |

Project Supervisor

Mr. Vishnu Jangid

(Asst. Professor, ME Dept)

Vishnu Jangid
02/06/2023

Project Co-Supervisor

Dr. Ashish Nayyar

(Professor, ME Dept)

Mr. Arun Beniwal

(Asst. Professor)

Ashish

Arun

Project Course Coordinator

Mr. Ankit Agrawal

(Assistant Professor, ME Dept)

Ankit
02/06/2023



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “**Design & Analysis of Remote Control Solar Glider**” being submitted for the award of the degree of Bachelor of Technology in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled the entire requirement for the submission of this project

Abhishek Tiwari	(19ESKME005)	AtiWARI
Aman Aditya	(19ESKME018)	Aman Aditya
AmanDeep Singh Sandhu	(19ESKME020)	A Singh
Amit Mathur	(19ESKME026)	Amit
Ankit Yadav	(19ESKME030)	Ankit

Supervisor:

Dr. Vikash Gautam

Associate Prof.

Dr. Deepak Kumar

Associate Prof.

Project Coordinator:



Mr. Ankit Agrawal 02/06/23

Associate Prof.

CERTIFICATE

This is to be certified that the project report entitled 'Sun plugged Air Conditioner' been submitted by us for fulfilment of the partial requirement of B. TECH degree in Mechanical Engineering. The work contained in this report is carried out by us under the guidelines and coordination of Mr. Chandra Mohan Kumar (Assistant Professor, ME Department)

Guides:-


01/06/23
Mr. Chandra Mohan Kumar

01/06/23
Mr. Trivendra Kumar Sharma

Submitted to: -

Mr. Dinesh Kumar Sharma

(Associate Professor)

Department of Mechanical Engineering

Submitted By:-

- (1) Hitesh Thadani (19ESKME076) (L)
- (2) Bhanu Krishna Chastha (19ESKME040)
- (3) Hari Om Mahiya (19ESKME070)
- (4) Komal Yadav (19ESKME07)


Ankit Agarwal



DEPARTMENT OF MECHANICAL ENGINEERING
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “**DESIGN AND DEVELOPMENT OF EXHAUST FILTER**” being submitted for the award of the degree of Bachelor of Technology in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirements for the submission of this project.

Aayush vaishnav(19ESKME001)

Abhishek Pandey(19ESKME004)

Aditya Raj Sharma(19ESKME006)

Ajay Pratap Chauhan(19ESKME010)

Punit Kejriwal(19ESKME124)

Rajat Meena(19ESKME132)

Prince Manay Bora(19ESKME119)

Supervisor:

Mr. Monoj Kumar
(Associate Prof.)

02/06/23

02/06/2023

Project Coordinator

Mr. Ankit Agrawal
(Associate Prof.)

02/06/23



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)–302017

CERTIFICATE

This is to certify that the project entitled “**Modelling and fabrication of Abrasive Jet Machine**” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project

1. AKSHANSH KHANDEKAR (19ESKME012) *Akshansh*
2. ANURAG DADHICH (19ESKME033) *Anurag*
3. CHAITANYA BHUSHAN MUDGAL (19ESKME044) *Chaitanya*

Mony Gupta *Mony*
Name & Signature of Project Supervisor(s)

Ankit Agarwal
Name & Signature of Project Course Coordinator




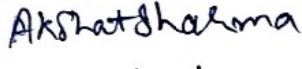



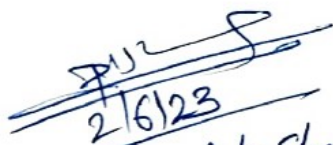
Department of Mechanical Engineering

Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “*5DOF Wireless Hand Motion Controlled Robotic Gripper Arm*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project

1. Akhil Sharma (19ESKME011) 
2. Abhishek Kushwaha (19ESKME003) 
3. Ajay Kumar (19ESKME007) 
4. Akshat Sharma (19ESKME013) 
5. Deepak Kumar Yadav (19ESKME051) 


2/6/23

Dinesh Kumar Sharma
Name & Signature of Project Supervisor(s)


2/6/23

Pooja Saraswati


Ankit Agarwal

Name & Signature of Project Course Coordinator

CERTIFICATE

This is to be certified that the project report entitled "Collapsible Perambulator cum Grocery Cart" been submitted by us for fulfilment of the partial requirement of B.TECH degree in Mechanical Engineering. The work contained in this report is carried out by us under the guidelines and coordination of Mr. Naveen Kumar Sain (Assistant Professor, ME Department).

Guides: -

Mr. Manu Augustine

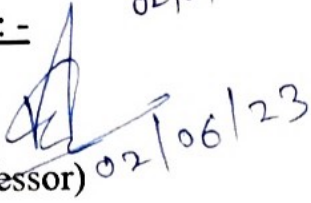

2/6/23

Mr. Naveen Kumar Sain


02/04/2023

Submitted to: -

Ankit Agrawal


02/06/23

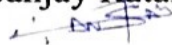
(Associate Professor)

Submitted By: -

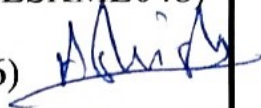
(1) Chetan Gurjar(19ESKME045) (L)



(2) Choudhary Sanjay Rataram(19ESKME048)



(3) Ashish Kumar (19ESKME036)



(4) Chitransh Gupta(19ESKME047)



Department of Mechanical Engineering

Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management and Gramothan,
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled "Smart Scarecrow" being submitted for the award of the degree of Bachelor of Technology in Department of Mechanical Engineering is a bona-fide record of work carried out by under mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

Annirudh Singh

Annirudh Singh Shakhawat (19ESKME031)

Aryan soni (19ESKME035) *Aryansoni*

Bhaskar (19ESKME043) *Bhaskar*

Darshan jain (19ESKME050) *Darshan*

Deependra Dhankar (19ESKME054) *Deependra*

Devaksh Narwara (19ESKME055) Name and Signature of Project Supervisor(s)

Raj Kumar Pys

Kumar

Name and Signature of Project Course Coordinator

Raj Kumar Pys

02/06/2023
Ankit Agarwal



CERTIFICATE

This is to certify that the project entitled “*Design and Fabrication of Evacuated Tube based Indirect type Solar Dryer*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

AMAN KHAN 19ESKME021 

ABHAY RAJ 19ESKME002 

AKSHAY SINGH SHAKTAWAT 19ESKME015 

AMAN SHARMA 19ESKME022 

AKSHIT SHARMA 19ESKME017 

AMIT DUBEY 19ESKME025 


Aniket Agarwal

Name & Signature of Project Supervisor(s)


Aniket Agarwal
02/06/2023

Name & Signature of Project Course Coordinator

CERTIFICATE

This is to certify that the project report entitled "Design and Modelling of Automated Moisture & Temperature Sensing Umbrella Mechanism" has been submitted by us for fulfilment of the partial requirement of B.Tech. Degree in Mechanical. The work contained in this report is carried out by us under the guidance of Mr. Nikhil Sharma and under the coordination of Mr. Ankit Agrawal.

Supervisor
Mr. Nikhil Sharma

Nikhil Sharma
02/06/2023

Project Coordinator
Mr. Ankit Agrawal

Ankit Agrawal
02/06/2023

Names of students

Devesh Shrimal

DM

Labhansh Sharma

LB

Mukul Garg

Mukul

Muskan Rangrej

Muskan Rangrej

Naval Tripathi

Naval

Nikhil Pandey

Nikhil



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)–302017

CERTIFICATE

This is to certify that the project entitled “*Bionic Hand (Robotic Hand)*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

1. Kunal Maniwal (19ESKME089) *Kunal*
2. Madhur Kala (19ESKME096) *Mehur*
3. Kunal Mittal (19ESKME090) *KMittal*
4. Kunal Colin William (19ESKME088) *Colin-William*

Project Supervisor *Sudesh*
01-06-2023

Mr. Sudesh Garg
(Assistant Professor-2)

Project Course Coordinator *Ankit*
Mr. Ankit Agarwal
02/06/23
(Associate Professor-1)

CERTIFICATE

This is to be certified that the project report entitled '**Pedal operated low head water pump**' been submitted by us for fulfilment of the partial requirement of B.Tech degree in Mechanical Engineering. The work contained in this report is carried out by us under the guidelines and coordination of Mohd. Suhaib Ansari (Assistant Professor, ME Department)

Supervisor:

Mohd. Suhaib Ansari
(Assistant Professor)

Mr. Manoj Kumar Saini
(Assistant Professor)

MS
02/06/23.

Project Faculty:

Mr. Ankit Agarwal
(Associate Professor)

A
02/06/2023

Submitted By:

Divyansh Chaturvedi(19ESKME063)

Gaurav Dubey (19ESKME064)

Harsh Singh Gahlot (19ESKME073)

Jatin Yadav (19ESKME080)

Dharma Ram Jat (19ESKME060)

Divyansh Chaturvedi
Gaurav Dubey
Harsh Singh Gahlot
Jatin Yadav
Dharma Ram Jat

Department of Mechanical Engineering

Swami Keshvanand Institute of Technology, Management & Gramothan

Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled "Design and Fabrication of Desalination Plant" being submitted for the award of the degree of Bachelor of Technology in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

1. Pawas Bansal (19ESKME113) L *Pawas*
2. Naveen Choudhary (19ESKME107) *Naveen*
3. Ojasvee Sharma (19ESKME110) *Ojasvee*
4. Pradeep Kumar Prajapati (19ESKME114) *Pradeep Kumar*
5. Manuraditya Singh Hada (19ESKME098) *Manur*

Name & Signature of Project Supervisor(s)

Dr. Manoj Kumar Sain *Manoj*
(Associate Professor)

Dr. Achin Srivastav *Achin Srivastav*
(Associate Professor) 02/06/23

Name & Signature of Project Course Coordinator
06/10/2023

Mr. Ankit Kumar Agarwal
(Associate Professor)



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “**User Friendly Road & Floor Cleaning Machine**” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirements for the submission of this project.

- | | | | |
|----|------------------|--------------|-----------------------|
| 1. | Gaurav Jain | (19ESKME065) | <i>Gaurav Jain</i> |
| 2. | Kuldeep Sharma | (19ESKME087) | <i>Kuldeep Sharma</i> |
| 3. | Lalit Sharma | (19ESKME092) | <i>Lalit</i> |
| 4. | Lavanshu Garg | (19ESKME093) | <i>Lavanshu Garg</i> |
| 5. | Lovenash Singhal | (19ESKME095) | <i>Lovenash</i> |

Project Supervisor

Mr. Pramod Jain

(Assistant Professor, ME Dept)

Project Co-Supervisor

Mr. Saurabh Gupta

(Assistant Professor, ME Dept)

Project Course Coordinator

Mr. Ankit Agrawal

(Assistant Professor, ME Dept)

AK
02/06/2023



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “**Design and Fabrication of Portable Vertical Axis Wind Turbine for Sustainable Off-Grid Power Generation**” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

- | | | | |
|----|---------------------|--------------|--|
| 1. | Devashish Mundra | (19ESKME058) | |
| 2. | Dipesh Goyal | (19ESKME061) | |
| 3. | Jalaj Prakash Gupta | (19ESKME077) | |
| 4. | Jancy C Joshwa | (19ESKME078) | |
| 5. | Kaelin | (19ESKME081) | |
| 6. | Liladhar Gadwal | (19ESKME094) | |

Project Supervisor

Mr. Saurabh Gupta

(Assistant Professor, ME Dept)

Project Co-Supervisor

Mr. Pramod Jain

(Assistant Professor, ME Dept)

02/06/2023

Project Course Coordinator

Mr. Ankit Agrawal

(Assistant Professor, ME Dept)



CERTIFICATE

This is to certify that the project entitled “ *Water Dispenser system*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under Mr. Dinesh kumar Sharma and Mr. Ankit Agarwal guidance and supervision of Dr. Achin Srivastav and Dr. Prem Singh and have fulfilled all the requirement for the submission of this project

1. Mukul Dangayach (19ESKME102)
2. Prakhar Gaur (19ESKME116) *Prakhar Gaur*
3. Mohit Ola (19ESKME101) *Mohit*
4. Mohammad Matin (19ESKME099) *Matin*
5. Devasheesh Sharma (19ESKME057) *DSH*

Supervisor :-

Dr. Achin Srivastav

Achin Srivastav
02/06/2023

Dr. Prem Singh

Project Course Coordinator

Mr. Dinesh kumar Sharma

Mr. Ankit Agarwal

A
02/06/2023



CERTIFICATE

This is to certify that the project report entitled “**Electric Bicycle**”.
Has been submitted by us for fulfilment of the partial requirement of
B.Tech. Degree in Mechanical Engineering.

The work contained in this report is carried out by us under the
guidance of

Mr. Trivendra Kumar Sharma

and under the coordination of

Mr. Ankit Agarwal.

Supervisor:

Trivendra Kumar Sharma
(Assistant Professor)

Trivendra

Project Co-ordinator:

Ankit Agarwal
(Asso. Professor)

02/06/2023

Name of Students:

Gaurav Mishra-19ESKME067
Parth Sharma-19ESKME111
Divya Arora-19ESKME062
Pawan Pareek-19ESKME112
Pradyum Sharma-19ESKME115

Gaurav
Parth
Divya
Pawan

Pradyum



CERTIFICATE

This is to certify that the project entitled “*Smart Way To Park A Car*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project

1. Harsh Maheshwari (19ESKME071) *Harsh*
2. Harshika Kumari (19ESKME074) *Harshika*
3. Hemant Yogi (19ESKME075) *Hemant*
4. Karan Soni (19ESKME083) *Karan*
5. Kshitij Kalra (19ESKME086) *Kshitij*

Project Supervisor *[Signature]*
Mr. Yogesh Kumar Sharma
Assistant Professor

[Signature]
02/06/2023
Project Coordinator
Mr. Ankit Agarwal

CERTIFICATE

This is to be certified that the project report entitled "Plant Transplant Machine" been submitted by us for fulfilment of the partial requirement of B.TECH degree in Mechanical Engineering. The work contained in this report is carried out by us under the guidelines and coordination of Mr. Ajay Kumar Dhanopia (Associate Professor, ME Department).

Guides: -

Mr. Ajay Kumar Dhanopia

Mr. Arun Kumar Beniwal

Submitted By: -

(1) Gaurav Kumar(19ESKME066)

(2) Harbeet(19ESKME069) (L)

Submitted to: -

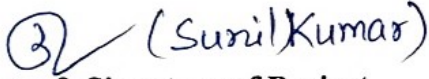
Ankit Agrawal

(Associate Professor)

Department of Mechanical Engineering

CERTIFICATE

This is to certify that the project entitled “Dual Axis Solar Tracker” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

 (Sunil Kumar)
Name & Signature of Project


Supervisor(s)

Mr. Sunil Kumar

Name & Signature of Project Course

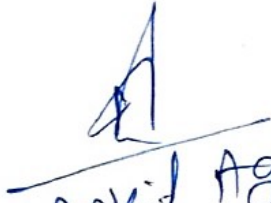
Coordinator

Mr. Ajay Dhanopia

Jatin Chaudhary (19ESKME079) 

Khushank Sharma (19ESKME084) 

Kapil Siddhu (19ESKME082) ,


Ankit Agarwal
Project coordinator



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)–302017

CERTIFICATE

This is to certify that the project entitled “*Design and Fabrication of Evacuation Wheelchair*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project

1. Yogesh Kumar Singh (19ESKME176) *Yogesh*
2. Ravi Raj (19ESKME138) *Ravi Raj*
3. Aryaman Salvi (20ESKME201) *Aryaman Salvi*
4. Dheeraj Sharma (20ESKME203) *Dheeraj*
5. Navdeep Singh (20ESKME205) *Navdeep*
6. Priyanshu Goyal (19ESKME122) *Priyanshu*

Name & Signature of Project Supervisor(s)

Dheeraj Joshi
02/06/2023
Prof. Dheeraj Joshi

(HOD, Dept. of Mechanical Engg.)

Praveen Saraswat
01/06/2023
Mr. Praveen Saraswat
(Associate Prof.)

Name & Signature of Project Course Coordinator

Ankit Agarwal
02/06/2023
Mr. Ankit Agarwal
(Associate Prof.)



Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled "*Para-Wheels*" being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project

1. Sakshi Jangid (19ESKME148) *Sakshi*
2. Samarth Bhatnagar (19ESKME149) *Samarth*
3. Samarth Jain (19ESKME150) *Samarth*
4. Shivam Saxena (19ESKME157) *Shivam*
5. Shivam Tak (19ESKME158) *Shivam*
6. Shivani Bhagat (19ESKME159) *Shivani*

Monika

Monika Khurana

Name & Signature of Project Supervisor

Ankit
Ankit Aggarwal

Name & Signature of Project Course Coordinator



Department of Mechanical Engineering

Swami Keshvanand Institute of Technology, Management & Gramothan

Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled "*Parametric Approach for Making the Building Energy Efficient*" being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

1. Shashi Ranjan (19ESKME154) *Shashi Ranjan*
2. Yogendra Singh Shekhawat (19ESKME175) *Singh*
3. Sanskar Gupta (19ESKME153) *Sanskar*
4. Sushil Chopra (19ESKME167) *Sushil Chopra*
5. Shubham Choudhary (19ESKME163) *Shubham Choudhary*
6. Sajal Kumar Sharma (19ESKME147) *Sajal*

Supervisor:

[Signature]
Dr. Chandan Kumar
(Associate Professor)

[Signature]
Mr. Ankit Agarwal
(Associate Professor)

Project Course Coordinator:

[Signature]
Mr. Ankit Agarwal
(Associate Professor)

02/06/2023





Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management &
Gramothan, Jaipur (Rajasthan)–302017

CERTIFICATE

This is to certify that the project entitled “*Samaritan: Conceptualization of App based Human Safety System*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.


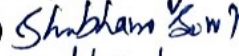
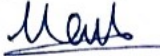

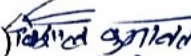

Submitted To:-


Mr. Brij Mohan Sharma
(Assistant Professor)
Project Supervisor


Mr. Ankit Agarwal
(Associate Professor)
Project Coordinator

02/06/2023

Submitted By:-

1. Shatrughan Pandit (19ESKME155) 
2. Shubham Soni (19ESKME166) 
3. Vaibhav Sharma (19ESKME168) 
4. Vikas Jat (19ESKME169) 
5. Vishal Kumawat (19ESKME170) 
6. Vishal Shekhawat (19ESKME171) 

CERTIFICATE

This is to certify that the project report entitled “**Unmanned Rail Gate System**” has been submitted by us for fulfillment of the partial requirement of B. tech degree in Mechanical Engineering. The work content and this report to carried out by us under the guidance and coordination of **Mr. Sanjay Bairwa** and **Mr. Monu Gupta**

SANDEEP KUMAR (19ESKME152) Sandeep Kumar
ROHAN SHARMA (19ESKME143) Rohan Sharma
RAHUL KUSHWAHA (19ESKME129) Rahul
ROHIT BANJARA (19ESKME144) Rohit Banjara
SAMEER SINGH (19ESKME151) Sameer Singh
PRATYUSH SOLANKI (19ESKME118) Pratyush Solanki

Name & Signature of Project Supervisor

Name of Supervisor

Mr. Sanjay Bairwa

(Assistant professor)

Signature Sanjay Bairwa

Department of Mechanical Engineering



Swami Keshvanand Institute of Technology, Management & Gramothan

Jaipur (Rajasthan)-302017

CERTIFICATE

This is to certify that the project entitled “DESIGN AND FABRICATION OF GRAIN SEPARATOR USING SOLAR ENERGY” being submitted for the award of the degree of Bachelor of Technology in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

1. Akash Khandal 20ESKME200 *Akash Khandal*
2. Kashyap 20ESKME205 *Kashyap*
3. Shivam Rajpurohit 19ESKME156 *Shivan*
4. Rajveer Chopra 19ESKME134 *Rajveer Chopra*
5. Deepak Sharma 20ESKME202 *Deepak Sharma*

Supervisor:

Mrs. Namita Soni

Mr. Sandeep Bhaskar *Sandeep*
02.06.2023

Project Course Coordinator:


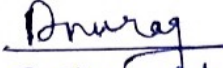
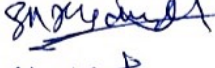



Mr. Ankit Agarwal *Ankit*
02/06/2023



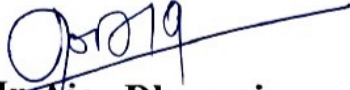
Department of Mechanical Engineering
Swami Keshvanand Institute of Technology, Management & Gramothan
Jaipur (Rajasthan)-302017


CERTIFICATE

This is to certify that the project entitled “*Crab Walk Mechanism*” being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

1. Yash Mathur (19ESKME173) 
2. Anurag Chaudhary (19ESKME300) 
3. Shreyansh Agarwal (19ESKME161) 
4. Yash Vashistha (19ESKME174) 
5. Shubham Jain (19ESKME164) 
6. Shubham Sivasyia (19ESKME165) 


Mr. Sushil Surana
Associate Professor


Mr. Ajay Dhanopia
Associate Professor


Anand Agarwal
Project coordinator



**Department of Mechanical Engineering
Swami Keshvanand Institute of Technology,
Management & Gramothan Jaipur (Rajasthan)-302017**

CERTIFICATE

This is to certify that the project entitled "**WIND AND SOLAR POWER CHARGING STATION**" being submitted for the award of the degree of **Bachelor of Technology** in Department of Mechanical Engineering is a bona-fide record of work carried out by under-mentioned students. They have worked under my guidance and supervision and have fulfilled all the requirement for the submission of this project.

1. Prateek Kumawat (19ESKME117) *Prateek*
2. Raghav Bhardwaj (19ESKME125) *Raghav*
3. Raghav Somani (19ESKME127) *Raghav*
4. Ranveer Singh (19ESKME135) *Ranveer*
5. Raunak Advani (19ESKME136) *Raunak*
6. Richhpal Mehariya (19ESKME139) *Richhpal*

Prem Singh
Dr. Prem Singh
Project Supervisor

Ankit Agarwal
Mr. Ankit Agarwal
Project Course Coordinator

02/06/2023

CERTIFICATE

This is to certify that the project report entitled "Design and Modelling of Advanced footstep power generation system" has been submitted by us for fulfillment of the partial requirement of B.Tech. Degree in Mechanical. The work contained in this report is carried out by us under the guidance of Mr. Sudesh Garg, Mr. Sunil Kumar and under the coordination of Mr. Ankit Agrawal.

Supervisor
Mr. Sudesh Garg
Mr. Sunil Kumar


01/04/23


Project Coordinator
Mr. Ankit Agrawal

Names of students

Rohan Jain

Raj Goyal

Ritik Sharma

Priyanka Chauhan

Pritul Nehra

Rohit Meena

