



# Swami Keshvanand Institute of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, 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) (2020-21)

📍: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA  
☎: +91-141-5160400, 2752165, 2759609 | 📠 : 0141-2759555  
✉: info@skit.ac.in | 🌐: www.skit.ac.in

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

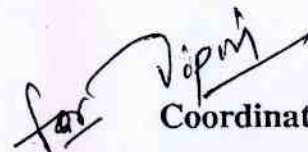
This is to certify that Mr. Yatharth Choubisa, a student of B.Tech (Information Technology) VIII semester has submitted his Project Report entitled "Library Management System" under my guidance.

**Mentor**   
4/8/21

Mr. Vipin Jain

Associate Prof.

Signature: Vipin Jain

  
Coordinator

Mrs. Sushila Vishnoi

Associate Prof.

Signature: Sushila Vishnoi

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

This is to certify that Final Year Project Report entitled "CUSTOMER PREDICTION", has been duly submitted by Rahul Varlani and Singh Pournima Yogendra. For partial fulfillment of the Degree of Bachelor of Technology of Rajasthan Technical University. It has been found satisfactory and hence approved for submission as Major Project during academic session 2020-2021.

**Mentor**

Dr. Neha Janu

Associate Prof.-1

Signature...*Neha*

**Coordinator**

Ms. Sushila Bishnoi

Associate Prof.-1

Signature...*Sushila*

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

This is to certify that Mr/Ms Nikit Jain, Himansu Soni, Mansi Kumawat Nensi Jain,  
students of B.Tech(Information Technology) 8th semester has submitted his/her  
Project Report entitled "Online Toll Payment System" under my guidance.

**Mentor**

Sanju Choudhary

Associate Professor

Signature.....

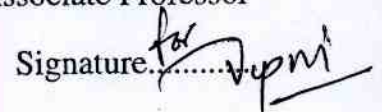


**Coordinator**

Sushila Bishnoi

Associate Professor

Signature.....



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

This is to certify that Ms.Saloni Jain, a student of B.Tech(Information Technology)  
8th semester has submitted his/her Project Report entitled "Work Planner" under my  
guidance.

**Mentor**

Ms. Richa Rawal

Associate Professor

Signature



Coordinator

Ms.Sushila Bishnoi

Associate Professor

Signature



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**


**CERTIFICATE**

This is to certify that Final Year Project Report entitled "**E-Learning Resource Locator**", has been duly submitted by Yashaditya Wadhwa and Yogesh Kumar. For partial fulfillment of the Degree of Bachelor of Technology of Rajasthan Technical University. It has been found satisfactory and hence approved for submission as Major Project during academic session 2020-2021.

**Mentor**

Dr. Vipin Jain

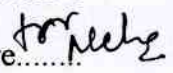
Associate Prof.-1

Signature.....

**Coordinator**

Ms. Sushila Bishnoi

Associate Prof.-1

Signature.....

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**  
Department of information technology

## **CERTIFICATE**

This is to certify that Mr Rupesh Prasad and Piyush Soni, a student of B.Tech(information technology & Engineering) 8 semester has submitted his/her Project Report entitled "MOBILE TRAVEL GUIDE" under my guidance.

**Mentor**

Name-Dr.Sushila Bishnoi

Designation- Associate Prof.

Signature- Sushila Bishnoi

*for NCL*

*for*   
**Coordinator**

Name-Dr.Sushila Bishnoi

Designation- Associate Prof.

Signature- Sushila Bishnoi

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

This is to certify that Ms. Pragya Kumari, Mr. Rajat Balotia, Mr. Rohit Kalwani and Mr. Shantanu Dongre, students of B.Tech(Information Technology) VIII semester has submitted their Project Report entitled "E-Learning Resource Locator" under my guidance.

**Mentor**

Name: Dr. Sushila Vishnoi

Designation: Associate Prof.

Signature: Sushila Vishnoi

*Sushila Vishnoi*

*Sushila Vishnoi*  
**Coordinator**

Name: Dr. Sushila Vishnoi

Designation: Associate Prof.

Signature: Sushila Vishnoi



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

This is to certify that Mr. Anirudh Sharma, Mr. Faiz Uddin, Mr. Amit Rawat, Mr. Abhishek Agarwal, a student of B.Tech (Information Technology) VIII semester has submitted their Project Report entitled "Online Cinema Ticket Booking System" under my guidance.

**Mentor**

Ms. Sushila Bishnoi

Assistant Prof.

Signature.....*for Nele*

*for Dipika*  
Coordinator

Ms. Sushila Bishnoi

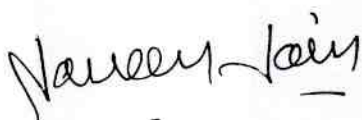
Associate Prof.

Signature.....

**Swami Keshvanand Institute of Technology, Jaipur**  
**Department of Information Technology**

**CERTIFICATE**


This is to certify that Nikhil Maheshwari, Ishank Gupta and Paras Jain, students of B.Tech ( Information Technology ) VIII semester has submitted their Project Report entitled "Online Course Portal for Campus" under my guidance.

**Mentor:** 

Mr. Naveen Jain

Associate Professor

Signature



**Coordinator:**

Mrs. Sushila Vishnoi

Associate Professor

Signature

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

This is to certify that Mrs. Garima Goyal, Mrs. Kishita Gupta, Mr. Mihir Jain a student of B.Tech(Information Technology) VIII semester has submitted their Project Report entitled "Know Your Customer" under my guidance.

**Mentor**

Dr. Neha Janu

Associate Prof.-1

Signature. *Neha*

**Coordinator**

Ms. Sushila Bishnoi

Associate Prof.-1

Signature..... *Sushila*

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Information Technology**

**CERTIFICATE**

This is to certify that Mr.Arihant Jain, Mr. Aryan Saini , Ms.Bhavya Saraswat,  
Ms.Deepanshi Sharma students of B.Tech(Information technology) VIII semester  
have submitted their Project Report entitled "Prison Management System" under  
my guidance.

**Mentor**



Name : Mr.Naveen Jain

Designation : Asst. Professor



**Coordinator**

Name : Mr.Mehul Mahrishi

Designation : Asst. Professor





**Swami Keshvanand Institute of Technology  
Management & Gramothan**

**CERTIFICATE**

This is to certify that **Ritul gupta, Naman gera, Ananya and Ajay kumar dhawan** of VIII Semester B.Tech (Electrical Engineering) have worked for their project entitled as **"PLC based automation of car parking system"** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21.

असतो मा सद्गमय

Date: 25/04/2021

Mr. Jinendra rahul  
(Project Supervisor)



**Swami Keshvanand Institute of Technology  
Management & Gramothan**

**CERTIFICATE**

This is to certify that **Mr. Abdul Mateen, Avadhesh Khandelwal, Harendra Choudhary** of VIII Semester B.Tech (Electrical Engineering) have worked for their project entitled as **“High Speed Rail-Road Transportation using Matlab”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21.

असतो मा सद्गमय

Date: 30/04/2021

Dr. Sarfaraz Nawaz  
(Project Supervisor)



**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

**CERTIFICATE**

This is to certify that **Shresth Gupta, Suryansh Sharma, Swapnil Saini, Swaroop Kumar** of VIII Semester B.Tech (Electrical Engineering) have worked for their project entitled as **“A Real Time Face Mask Monitoring System Using Image Processing”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. From Rajasthan Technical University, Kota during the session 2020-21.

असतो मा सद्गमय

Date: 25/04/2021

Mr. Vivek Sharma  
Project Supervisor





**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

**CERTIFICATE**

This is to certify that **Manish Kheechi, Neelesh Bisu, Pankaj Chawri and Rahul Sharma** of VIII Semester B.Tech (Electrical Engineering) have worked for their project entitled as **"PLC –based Monitoring and Control System for Induction Motor"** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. From Rajasthan Technical University, Kota during the session 2020-21.

Date: 25/04/2021

*Suman Sharma*

Mrs. Suman Sharma

(Project Supervisor)





**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

**CERTIFICATE**

This is to certify that **Mr. Mayank Sharma, Mr. Kunal Singh, Mr. Kartike Raj Choudhary and Mr. Singh Gehlot** of VIII Semester B.Tech Students (Electrical Engineering) have worked for their project entitled as **“RENEWABLE SOURCE BASED ENERGY MANAGEMENT”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21.

अस्मिन् कामे मेरा सहयोग

Date: 05-05-2021

Mrs. Rammurti Meena  
(Project Supervisor)



**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

**CERTIFICATE**

This is to certify that **Mr. Shubham sharma, Mr. Tushant Agarwal, Mr. Vishal Meena and Mr.Rohit Meena** of VIII Semester B.Tech Students (Electrical Engineering) have worked for their project entitled as **“LOAD FLOW ANALYSIS FOR THREE PHASE BALANCED DISTRIBUTION FEEDER USING MATLAB”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21.

असतो मा सद्गमय

Date:20-05-2021

Mrs. Smriti Jain  
(Project Supervisor)



**Swami Keshvanand Institute of Technology  
Management & Gramothan**

**CERTIFICATE**

This is to certify that **Mr. Aditya Dadhich , Mr. Jai Sharma, and Miss Simran Kumawat** of VIII Semester B.Tech (Electrical Engineering) have worked for their project entitled as **“Power Quality Improvement in 3- $\Phi$  Power System using Shunt Active Filter With Synchronous Detection Method”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21.

Date: 30/04/2021

Mr. Ankush Tandon  
(Project Supervisor)





**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

**CERTIFICATE**  
**SKIT**

This is to certify that **Mr. Abhay Singh, Mr. Bharat Khandelwal, Mr. Anshuman Vashishtha, Mr Yogesh Garg and Miss Anisha Agrawal** of VIII Semester B.Tech Students (Electrical Engineering) have worked for their project entitled as **“Implementation of Algorithm on MPPT ”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21

Date 30/04/2021

Mr. Yusuf sharif  
(Project supervisor)





**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

**CERTIFICATE**

This is to certify that **Mr. Aniket sharma, Mr. Amit Kumar, Mr. Jugal Gaud and Mr. Himanshu goyal** of VIII Semester B.Tech Students (Electrical Engineering) have worked for their project entitled as **“DESIGN AND DEVELOPMENT OF A LOW COST FIELD ORIENTED CONTROL SPEED CONTROL OF AN INDUCTION MOTOR”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21.

स्वामी केशवानन्द संस्थान

Date:20-01-2021

Mr. Jinendra rahul  
(Project Supervisor)



**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

## **CERTIFICATE**

This is to certify that **Mr. Abhishek Jadon, Mr. Girish Kumar Singh, Mr. Lakshya Mathur and Mr. Surendra Kudi** of VIII Semester B.Tech Students (Electrical Engineering) have worked for their project entitled as **“PLC BASED HAND SANITIZER AND DISPATION SYSTEM”** under my guidance being submitted in partial fulfillment of award of degree of B.Tech. from Rajasthan Technical University, Kota during the session 2020-21

असतो मा सद्गमय

Date:05-04-2021

Mr. Tarun Kumar Chheepa  
(Project Supervisor)



Lead an engineer

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

### CERTIFICATE

This is to certify that the project work entitled "Use of Granite Powder as Filler in Flexible Pavement" which is being submitted by Shahdab Khan (17ESKCE102), Shobhit Jain (17ESKCE104), Shreya Yadav (17ESKCE105), Shubham Meena (17ESKCE109) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering. SKIT, Jaipur is a bonafide work carried out under my supervision.

A handwritten signature in black ink, appearing to read 'Nishant Sachdeva', is written over a light blue circular stamp.

**Nishant Sachdeva**

**Assistant Professor**

Department of Civil Engineering

SKIT, Jaipur



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

### CERTIFICATE

This is to certify that the project work entitled "A Study on Different Warm Mix Methods in Flexible Pavement Design & Their Benefits" which is being submitted by Aashutosh Sharma (17ESKCE003), Aayush Khandelwal (17ESKCE005), Abhishek Damachya (17ESKCE006), Anurag Shrivastava (17ESKCE017) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Dr. Prachi Kushwaha

Assistant Professor

Department of Civil Engineering

SKIT, Jaipur





SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

**CERTIFICATE**

This is to certify that the project work entitled "Design of Parking Facilities, Rotary Signage and other Infrastructural Amenities at Jawahar Circle, Jaipur" which is being submitted by Himanshu Agrawal (17ESKCE037), Himanshu Garg (17ESKCE038), Lakshay Vijay (17ESKCE046), Neeraj Sharma (17ESKCE064) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Anirudh Mathur

Assistant Professor

Department of Civil Engineering  
SKIT, Jaipur



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

### CERTIFICATE

This is to certify that the project work entitled "A Comparative Study on Impacts of Congestion Pricing in Urban Area" which is being submitted by Manoj Kumar (17ESKCE050), Mohit Kumar (17ESKCE057), Pallav Jain (17ESKCE069), Pavan Meena (17ESKCE073) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Anirudh Mathur

Assistant Professor

Department of Civil Engineering  
SKIT, Jaipur



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

### CERTIFICATE

This is to certify that the project work entitled "Road Safety Audit" which is being submitted by Ankit Krishniya (17ESKCE014), Anshuman Singh Saugat (17ESKCE016), Deepak Maholiya (17ESKCE025), Dewang Saraswat (17ESKCE026), Gaurav Mangal (17ESKCE029) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

**Nikhil Sharma**

**Assistant Professor**

Department of Civil Engineering

SKIT, Jaipur



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

### CERTIFICATE

This is to certify that the project work entitled "Use of Waste Plastic in Flexible Pavement" which is being submitted by Uttam Garg (17ESKCE121), Ravi Kant Sahu (17ESKCE300), Aarif Majeed Malik (18ESKCE200), Ayush Kumar (18ESKCE202) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

**Nikhil Sharma**

**Assistant Professor**

Department of Civil Engineering  
SKIT, Jaipur





SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

### CERTIFICATE

This is to certify that the project work entitled "Water Quality Analysis of Water Bodies in Rajasthan" which is being submitted by Tipu Virendra Pratap Singh (17ESKCE119), Singh Tilakraj Vishnu (17ESKCE112), Vikas Kantiwal (17ESKCE122) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Vikas Vyas

Assistant Professor

Department of Civil Engineering

SKIT, Jaipur



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

**CERTIFICATE**

This is to certify that the project work entitled "Replacement of Aggregates in using Marble Waste" which is being submitted by Surendra Pratap Singh (17ESKCE115), Upin (17ESKCE120), Yashpal Soni (17ESKCE127), Jaiprakash Chhimpa (18ESKCE204) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Sitaram Saini

Assistant Professor

Department of Civil Engineering  
SKIT, Jaipur



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

CERTIFICATE

This is to certify that the project work entitled "Replacement of Fine Aggregates in Dense Bituminous Macadam Using Sand Stone Waste" which is being submitted by Shyam Sharma (17ESKCE111), Sumek Meena (17ESKCE113), Tarun Goyal (17ESKCE116), Tarun Kumawat (17ESKCE117) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Sitaram Saini

Assistant Professor

Department of Civil Engineering

SKIT, Jaipur



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

### CERTIFICATE

This is to certify that the project work entitled "Zero Energy Buildings" which is being submitted by Prem Prakash Saini (17ESKCE082), Rahul Meena (17ESKCE087), Raman Kumar (17ESKCE088), Rohit Mahar (17ESKCE092), Sandesh Singh (17ESKCE099) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Akash Johari

Assistant Professor

Department of Civil Engineering

SKIT, Jaipur





SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN, JAIPUR, INDIA-302017

**CERTIFICATE**

This is to certify that the project work entitled "Cement Mortar with Industrial By-Product" which is being submitted by Prashant (17ESKCE078), Rohit Karol (17ESKCE091), Sahil Bundela (17ESKCE095), Sakshi Pant (17ESKCE096), Sakshi Sharma (17ESKCE097) in partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering, SKIT, Jaipur is a bonafide work carried out under my supervision.

Dr. Lalit K. Gupta

Assistant Professor

Department of Civil Engineering

SKIT, Jaipur

## CERTIFICATE

This is to certify that the project entitled “**AI Contextual Chatbot**” has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Vishal Soni (17ESKEC079) and Tanisha Gupta (17ESKEC074)** of final year B. Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

**Signature**



**Guide name**

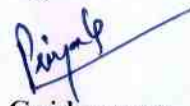
Ms. Priyanka Sharma,  
Assistant Professor,  
Department of ECE,  
SKIT, M & G, Jaipur.

## CERTIFICATE

This is to certify that the project entitled "**Bluetooth Home Automation**" has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology , Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Vishakha Agarwal (17ESKEC078), Tanmay Nayyar (17ESKEC075) and Tarun Awasthi (17ESKEC076)** of final year B. Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

**Signature**



**Guide name**

Ms. Priyanka Sharma,  
Assistant Professor,  
Department of ECE,  
SKIT, M & G, Jaipur.


**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**  
Department of Electronics and Communication Engineering

## **CERTIFICATE**

This is to certify that the project entitled “**Automotive Health Monitoring System**” submitted by **Sandeep Rawat, Simran Arora, Surbhi Sen** towards the partial fulfillment of the requirement for the degree of **Bachelor of Technology in Electronics and communication Engineering of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur** is a record of the bona-fide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

**Date:** 2<sup>nd</sup> June 2021

  
**Dr. Swati Arora**  
(Project Guide)  
Associate Professor  
ECE Department  
SKIT, Jaipur

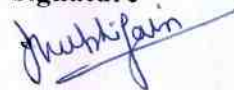


## CERTIFICATE

This is to certify that the project entitled "**Face recognition Intruder System**" has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology , Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Rahul Mangal (17ESKEC056)**, **RajkumarVerma (17ESKEC059)**, **Riya Soni (17ESKEC60)** and **Quasim Qureshi (17ESKEC055)**, of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

Signature



**Dr. Shubhi Jain**  
Assistant Professor  
Department of ECE  
SKIT, M & G, Jaipur

## CERTIFICATE

This is to certify that the project entitled "**Android Controlled Robotic Car**" has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology , Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Shilpi mittal (17ESKEC067)**, **Mohit Balotia (17ESKEC300)**, **Mahak Hussain (18ESKEC200)** and **Yash Kumar (17ESKEC080)**, of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

Signature



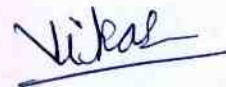
**Dr. Shubhi Jain**  
Assistant Professor  
Department of ECE  
SKIT, M & G, Jaipur

# CERTIFICATE

This is to certify that the project entitled “**Smart Irrigation System**” submitted by **Shreyash, Srashti Sharma, Subhash Nagar, Shivani Priyadarshani** towards the partial fulfillment of the requirement for the degree of **Bachelor of Technology in Electronics and communication Engineering of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur** is a record of the bona-fide work carried out by them under my supervision.

They have taken proper care and shown utmost sincerity during the completion of the project. The work submitted, in my opinion, has reached to a level required for being accepted for the examination.

**Date:** 9th June 2021



**Mr. Vikas Pathak**  
(Project Guide)  
Associate Professor  
ECE Department  
SKIT, Jaipur



## CERTIFICATE

This is to certify that the project entitled "**Home Automation using IOT**" has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology , Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Aparna Maleti (17ESKEC013), Akshat Gupta(17ESKEC004), Aniket Rathi(17ESKEC008), Anju Choudhary(17ESKEC011), Ashvin Khandelwal (17ESKEC015)**, of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.



Signature

**Lalit Kumar Lata**  
Assistant Professor  
Department of ECE  
SKIT, M & G, Jaipur

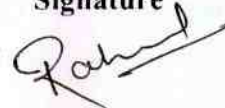


## Certificate

This is to certify that the project entitled “**Fake News Detector using Machine Learning and Python**” has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Monalisa (17ESKEC046), Manvendra Shekhawat (17ESKEC041), Manju Choudhary (17ESKEC040) and Nikita Modi (17ESKEC048)**, of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has been not submitted anywhere for the award of any other degree work.

Signature



**Mr. Rahul Pandey**

Assistant Professor

Department of ECE

SKIT, M & G, Jaipur

## CERTIFICATE

This is to certify that the project entitled “**Microstrip antenna for breast cancer detection**” has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology , Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Ananya Tiwari(17ESKEC007)**, **Anjali Jain(17ESKEC009)**, **Anjali Parik(17ESKEC010)** of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

Signature



Dr. Monika Mathur  
Associate Professor  
Department of ECE  
SKIT, M & G, Jaipur

## CERTIFICATE

This is to certify that the project entitled "**Portal Based Smart Billing System of Energy**" has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Akshay Sharma (17ESKEC701)**, **Bhanu Pratap Singh Rathore (17ESKEC707)**, **Chirag Jain (17ESKEC708)**, **Deepika Kerwal (17ESKEC709)**, of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

  
Signature

**Mr. Abhinandan Jain**  
Assistant Professor  
Department, ECE  
SKIT M& G, Jaipur

## CERTIFICATE

This is to certify that the project entitled “**Face Recognition based Attendance-System**” has been submitted for the partial fulfillment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology , Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Rohit Singh Shekhawat (17ESKEC061)**, **Sanket Sharma(17ESKEC063)**, **Saransh Sharma (17ESKEC064)**, **Saurabh Sharma (17ESKEC065)**, of final year B.Tech. Electronics and Communication Engineering is a record of the bone-fide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

### Signature



**Mr. Pallav Rawal**  
Professor  
Department of ECE  
SKIT, M & G, Jaipur



## Certificate

This is to certify that the project entitled "**LSB Based Digital Image Watermarking**" has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology , Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Devang Agrawal (17ESKEC026), Bhunesh Kumar (17ESKEC019), Jatin Bhandari (17ESKEC033), Cherrisha Sharma(17ESKEC023)**, of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

Signature

For: ✓

**Ms. Richa Sharma**  
Assistant Professor  
Department of ECE  
SKIT, M & G, Jaipur



**Swami Keshvanand Institute of Technology, Management &  
Gramothan, Jaipur-302017**

## **CERTIFICATE**

This is to certify that the project entitled “**Automatic Ration Management System**” submitted by Chinmay Sharma, Himanshu Bairwa, & Koustoobh Pareek towards the partial fulfilment of the requirement of the degree of **Bachelors of Technology (B.Tech.) in Electronics and Communication Engineering** of **Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur** is a record of the bona-fide work carried out by them under my supervision. The work submitted, in my opinion, has reached to a level required for being accepted for the examination.

For: ✓

**Miss. Namrata Joshi**

Asst. Professor


Department of ECE

## CERTIFICATE

This is to certify that the project entitled "**Vehicle accidental control unit**" has been submitted for the partial fulfilment of the requirement of the award of the degree of Bachelor of Technology in Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur affiliated to Rajasthan Technical University, Kota by following students **Ansh Garg (17ESKEC012)**, **Avi Vanawat (17ESKEC016)**, and **Brijbhushan (17ESKEC020)** of final year B.Tech. Electronics and Communication Engineering is a record of the bonafide work carried out by them under my supervision.

The work submitted in my opinion, has reached to a level required for being accepted for the examination. The matter presented in this report has not submitted anywhere for the award of any other degree work.

**Signature**

  
**Mr. Pallav Rawal**  
Assistant professor  
Department, ECE  
SKIT M& G, Jaipur

**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur  
Department of Computer Science & Engineering**

**Certificate**

This is to certify that Mr. Abhinav Sharma, Mr. Ankit Kumar, Mr. Ankush Upadhyay students of B.Tech(Computer Science & Engineering) VIII semester has submitted their Project Report entitled "FALLING FRUITS:A VILLAGE E-COMMERCE SYSTEM" under my guidance.

**Mentor**

Mr. Girish Sharma


Assistant Professor

Signature. 

**Coordinator**

Mrs. Anjana Sangwan

Associate Professor

Signature. 





**SWAMI KESHWANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN  
Ramnagar (Jagatpura), Jaipur – 302017**

**CERTIFICATE**

This is to certify that Project Report entitled “SMART PARKING SYSTEM” has been duly submitted by

- Aakriti Sambyal (17ESKCS001)
- Anant Sharma (17ESKCS017)
- Anchal Jain (17ESKCS018)
- Anjani Kumar Iyer (17ESKCS022)

For partial fulfillment of the Degree of Bachelor of Technology of Rajasthan Technical University. It has been found satisfactory and hence approved for submission as Project during academic session 2020- 2021.

**COORDINATOR:**

  
Mrs. Anjana Sangwan

(Dept. of Computer Science  
& Engineering)

**MENTOR:**

  
Mr. Sunil Dhankhar

(Dept. of Computer Science  
& Engineering)

**HEAD OF DEPARTMENT:**

  
Dr. Mukesh Kumar Gupta

(Dept. of Computer Science &  
Engineering)



**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & GRAMOTHAN  
Ramnagar (Jagatpura), Jaipur – 302017**

**CERTIFICATE**

This is to certify that Major Project Report entitled “SMART METER” has been duly submitted by

- Abhishek Tyagi (17ESKCS007)
- Aditya Rahul (17ESKCS008)

for partial fulfillment of the Degree of Bachelor of Technology of Rajasthan Technical University. It has been found satisfactory and hence approved for submission as Major Project during academic session 2020- 2021.

**COORDINATOR:**

**Ms. Anjana Sangwan**

(Dept. of Computer Science  
& Engineering)

**MENTOR:**

**Mrs. Deepa Modi**

(Dept. of Computer Science  
& Engineering)

**HEAD OF DEPARTMENT:**

**Dr. Mukesh Kumar Gupta**

(Dept. of Computer Science &  
Engineering)