

## CERTIFICATE

This is certify that the project entitled "Smart Home Automation System" has been carried out by the team under my guidance in partial fulfillment of the degree of Bachelor and Technology in Electrical Engineering from Eshan college of Engineering Farah Mathura,(Affiliated to AKTU Lucknow, Utter Pradesh) during the academic year 2021-2022(4 th year). The matter in this is original and has not been submitted for the award of any other degree.

Shishank Sharma (1847120015)

Anurag Kumar (1847120003)

Aaditya Soni (1847120001)

Piyush Pengoriya (1847120012)

Date: 02/06/22

Er. Rajeev Shankar Pathak

(Head of EE Department)

Eshan College of Engineering

Farah Mathura U.P.

Ashish Gupta

Er. Ashish Gupta

(Assistant Professor of EE Department)

Eshan College of Engineering

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Pankaj Kumar (1904710209007)

✓ AkashKaroliya (1847120002)

Kamal Karoliya.(1847120008)

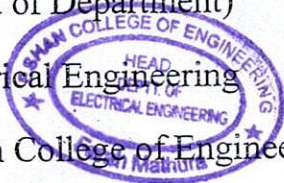
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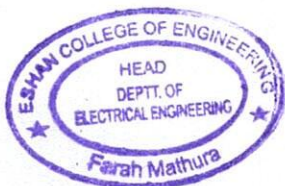
Er. Rajeey Shankar Pathak

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## CERTIFICATE

This is certify that the project Synopsis “**IOT MONITORED SMART ELECTRIC WIND TREE**” has been carried out by the team under my guidance in partial fulfillment of the degree of Bachelor and Technology in Electrical Engineering from Eshan college of Engineering Farah Mathura,(Affiliated to AKTU Lucknow, Utter Pradesh) during the academic year 2021-2022(VII Sem). The matter in this is original and has not been submitted for the award of any other degree.

**Ranveer Verma** (1812620005)

✓ **Neha Nigam** (1847120009)

**Nitin Kumar** (1901260209006)

**Priyanka** (1901260209004)

Date:

**Er. Rajeev Shankar Pathak**

(Head of EE Department)

Eshan College of Engineering

Farah Mathura U.P.



**Er. Charu Sharma**

(Assistant Professor of EE Department)

Eshan College of Engineering

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## CERTIFICATE

This is certify that the project entitled "Power Generation Using Roller Mechanism" has been carried out by the team under my guidance in partial fulfilment of the degree of Bachelor and Technology in Electrical Engineering from Eshan college of Engineering Farah Mathura,(Affiliated to AKTU Lucknow, Uttar Pradesh) during the academic year 2021-2022(IV year). The matter in this is original and has not been submitted for the award of any other degree.

GOURAV SINGH (1904710209002)

ROHTASH KUMAR (1904710209010)

✓ MOHD SHAFI SIDDIQUI (1847120010)

PAVAN KUMAR (1904710209008)

Date:

02/06/22

Er. Rajeev Shankar Pathak

(Head of EE Department)

Eshan College of Engineering

Farah Mathura U.P.



Er. Lalita Singh

(Assistant Professor of EE Dept.)

Eshan College of Engineering

Farah Mathura U.P.

A handwritten signature in black ink, appearing to be "Lalita Singh", written over the printed name.



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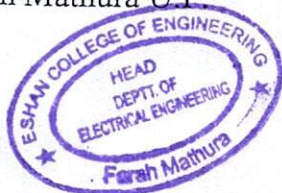
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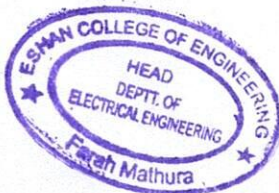
Er. Rajeev Shankar Pathak

(Head of Department)

Electrical Engineering

Eshan College of Engineering

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## CERTIFICATE


This is certified that the project entitled "**TEMPRATURE BASED MACHINE COOLING SYSTEM**" has been carried out by the team under my guidance in partial fulfillment of the degree of Bachelor and Technology in Electrical Engineering from Eshan college of Engineering Farah Mathura, (Affiliated to AKTU Lucknow, Utter Pradesh) during the academic year 2021-2022(4 th year).

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Er. Rajeev Shankar Pathak  
(Head of Department)

Electrical Engineering  
Eshan College of Engineering  
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IMRAN KHAN (1904710209003)  
MANISH SHARMA (1904710209004)  
REETESH JAIN (1904710209009)  
 ROHIT RAJPOOT (1847120014)

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