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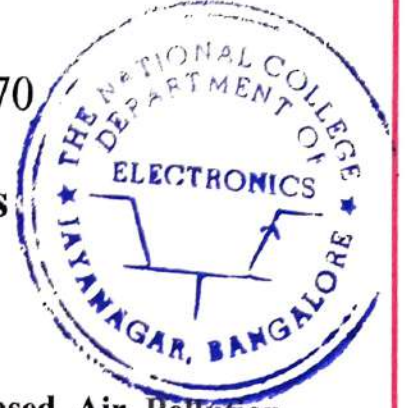
THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

Department of Electronics

CERTIFICATE



This is to certify the project report titled “IoT based Air Pollution Monitoring System” is a work done by **Chandrashekar S and Roshan** of THE NATIONAL COLLEGE, Jayanagar, Bengaluru, in partial fulfilment of the requirements of VI Semester BSc during the year 2022.

M. Mahadeva
Prof. Mahadeva M (MSc, MPhil)
(Associate Professor)

Cheluvappa S
Prof. Cheluvappa S (Msc)
(HOD of Electronics and Project Guide)
Head of The Dept of Electronics
The National College,
(Autonomous)
Jayanagar, Bengaluru - 560 070

Examiners:

| VALUED | |
|---------------|-------------------------|
| 1. | Signatures of Examiners |
| 1) | <i>[Signature]</i> |
| 2) | <i>[Signature]</i> |
| Date | <i>24/4</i> |

Examination Centre

The National College,
Jayanagar.

Date of Examination:

THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

DEPARTMENT OF ELECTRONICS



CERTIFICATE

This is to certify the project report titled "HOME AUTOMATION WITH ALEXA" is a bonafide record of work done by **VINOD KUMAR. M [19NCJS241]** and **NITHIN G T [19NCJS221]** in partial fulfilment of the requirements of the Bachelor of Science from **THE NATIONAL**

COLLEGE, Jayanagar, for the academic year 2021-2022. The project has been approved as it satisfies the academic requirement in the respect of the project work prescribed for the 6th Semester B.Sc.

M. Mahadeva

Prof .MAHADEV M (MSc, MPhil)
[ASSOC PROF, and INTERNAL GUIDE]

S. Chelluvapa S

Prof .CHELLUVAPA S (MSc)
[HOD and INTERNAL]
Head of the Dept of Electronics
The National College,
(Autonomous)
Jayanagar, Bengaluru - 560 070
NAME

VALUED BY:

| | |
|-------------------------|------------------------|
| VALUED | |
| Signatures of Examiners | |
| 1) | <i>S. Chelluvapa S</i> |
| 2) | <i>M. Mahadeva</i> |
| Date | <i>24/9</i> |

DATE OF EXAM



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**THE NATIONAL DEGREE COLLEGE
(AUTONOMOUS)**

JAYANAGAR, BENGALURU – 560070

**DEPARTMENT OF ELECTRONICS
CERTIFICATE**

This is to certify that this project report titled **IoT BASED SMART PARKING SYSTEM USING ESP8266** is a bonafide project report carried out by the students **SAHANA D SAGAR (19NCJS222)** and **DEEPAK JOSEPH (19NCJS219)** as the partial fulfillment of the Bachelor Degree from The National College, Jayanagar for the academic year 2021-2022. The project has been approved as it satisfies the academic requirements in the respect of the project work prescribed for 6th semester B.Sc.

.....*M. Mahadeva*.....

**PROF. MAHADEVA M (MSc, MPhil)
(ASSOC. PROF. and INTERNAL GUIDE)**

.....*Cheluvappa*.....

**PROF. CHELUVAPPA (MSc)
(HOD and INTERNAL GUIDE)**
Head of The Dept of Electronics

The National College,
(Autonomous)
Jayanagar, Bengaluru - 560 070

DATE OF EXAM:

VALUED BY:

| VALUED | |
|-------------------------|--------------------|
| Signatures of Examiners | |
| 1) | <i>[Signature]</i> |
| 2) | <i>[Signature]</i> |
| Date | <i>24-9-2021</i> |

THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

DEPARTMENT OF ELECTRONICS

CERTIFICATE

This is to certify the project report titled "**LED DISTANCE INDICATOR**" is a bonafide record of work done by **ADITHYA M KAUSHIK** [19NCJS223] in partial fulfilment of the requirements of the Bachelor of Science from **THE NATIONAL COLLEGE, Jayanagar**, for the academic year 2021-2022. The project has been approved as it satisfies the academic requirement in the respect of the project work prescribed for the 6th Semester B.Sc.

M. Mahadev

Prof .MAHADEV M (MSc, MPhil)
[ASSOC PROF, and INTERNAL GUIDE]

Chelluvapa S

Prof .CHELLUVAPA S (MSc)
[HOD and INTERNAL]
Head of The Dept of Electronics
The National College,
(Autonomous)
Jayanagar, Bengaluru - 560 070
NAME

VALUED BY:

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|-------------------------|---------------------|
| VALUED | |
| Signatures of Examiners | |
| 1) | <i>Chelluvapa S</i> |
| 2) | <i>M. Mahadev</i> |
| Date | <i>24-9-2022</i> |

DATE OF EXAM





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THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

Department of Electronics

CERTIFICATE



This is to certify the project report titled “IoT based Smart Agriculture Monitoring System” is a work done by **Prashanth M and Raghu C** of **THE NATIONAL COLLEGE**, Jayanagar, Bengaluru, in partial fulfilment of the requirements of VI Semester BSc during the year 2022.

M. Mahadeva M
Prof. Mahadeva M (MSc, MPhil)
(Associate Professor)

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Prof. Cheluvappa S (Msc)
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Jayanagar, Bengaluru - 560 070

Examiners:

1.

VALUED

Signatures of Examiners

1)

2)

Date

24/9

Examination Centre

The National College,
Jayanagar.

Date of Examination:



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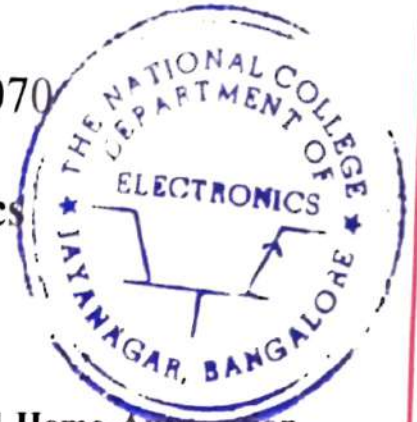
THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

Department of Electronics

CERTIFICATE



This is to certify the project report titled "IoT based Home Automation System" is a work done by **Gireesh Kumar M and Aishwarya Kasaragod** of **THE NATIONAL COLLEGE**, Jayanagar, Bengaluru, in partial fulfilment of the requirements of **VI Semester BSc** during the year **2022**.

M. Mahadeva M
Prof. Mahadeva M (MSc, MPhil)
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Examiners:

Examination Centre

| VALUED | |
|---------------|-------------------------|
| 1. | Signatures of Examiners |
| 1) | <i>[Signature]</i> |
| 2. | <i>[Signature]</i> |
| | Date: 24/7 |

The National College,
 Jayanagar.

Date of Examination: