P. E. Society's MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE, PUNE - 411 005

DEPARTMENT OF ELECTRONIC SCIENCE

| CENTILICATE |
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| This is to certify that Mr./Miss. Shubhankar Asnesh Kane of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
| The Details of Project work is- |
| 1. Title of the Project: BUVETOOTH CONTROLLED HOME AUTOMATION |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: |
| I. Continuation of Previous work |
| II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No |
| (If yes give the details of the place of work if any) |
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| Dept. of Electronic Science Shivalingar, Pure Department of Electronic Science Department of Electronic Science |
| Examiners: 1. Menure 2. |

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DEPARTMENT OF ELECTRONIC SCIENCE

| This is to certify that Mr./Miss. ROHLT PRAKHSH WAGHMARE of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
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| The Details of Project work is- 1. Title of the Project: PAPER BATTERY |
| 1. Nuc of the Project |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: |
| I. Continuation of Previous work |
| II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| Dept. of Dept. of |
| Teacher In charge Electronic Science Department of Electronic Science Department of Electronic Science |
| Examiners: 1. Address: 2. Rows |

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P. E. Society's MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE, PUNE - 411 005

| <u>CERTIFICATE</u> |
|---|
| This is to certify that Mr./Miss. <u>Devendra Shailendra Sontakke</u> of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
| The Details of Project work is- |
| 1. Title of the Project: Solar power invester |
| 2. Type of the Project: |
| Theoretical Application V Instrument |
| Industrial Research Software |
| 3. Work done: I. Continuation of Previous work II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| Teacher In charge Dept. of Electronic Science Silvalingar, Pune 5: Department of Electronic Science Department of Electronic Science |
| Examiners: 1. Melan 2. Only |

DEPARTMENT OF ELECTRONIC SCIENCE

CEDITETCATE

| CENTITICATE |
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| This is to certify that Mr./Miss. YADAY AMISHA of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
| The Details of Project work is- |
| 1. Title of the Project: NEHICLE OVERSPEED DETECTION WITH AUDIO BUZZER ALERT SYSTEM |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: |
| I. Continuation of Previous work |
| II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| Teacher In charge Examiners: 1. Dept. of Electronic Science Department of Electronic Science Department of Electronic Science |

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DEPARTMENT OF ELECTRONIC SCIENCE

| CERTIFICATE |
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| This is to certify that Mr./Miss. SHIVANI SANDIP JADHAV of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
| The Details of Project work is- |
| 1. Title of the Project: IOT BASED SMART KITCHEN SYSTEM |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: |
| I. Continuation of Previous work |
| II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: |
| Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| (If yes give the details of the place of work if any) |
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| EDW.CO. |
| Teacher In charge Continue Science Continue Science |
| Examiners: 1. August 2. Sust |

| CERTIFICATE |
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| This is to certify that Mr./Mss. Rishabh Shankon Telakallu of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. The Details of Project work is- 1. Title of the Project: Morse (see Transmitter) |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| I. Continuation of Previous work II. Repetition III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| Teacher in charge Electronic Science Examiners: 1. Dept. of Electronic Science Department of Electronic Science Department of Electronic Science Department of Electronic Science Department of Electronic Science Examiners: 1. Department of Electronic Science Depart |

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DEPARTMENT OF ELECTRONIC SCIENCE

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| This is to certify that Mr./Miss. Shubhankar Reasindra Kadode |
| of T. Y. B. Sc. Class has successfully completed the project work during the academic |
| of 1. Y. B. Sc. Class has successfully completed the project warms |
| year 2020-21. |
| The Details of Project work is- |
| 1. Title of the Project: EVM using 8051 |
| microcontrolled |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: |
| I. Continuation of Previous work |
| II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: |
| Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| O NOTERN COLLEGE |
| Teacher in charge Dept. of Electronic Science Department of Electronic Science Department of Electronic Science Department of Electronic Science |
| Examiners: 1. Community 2. Smill |

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DEPARTMENT OF ELECTRONIC SCIENCE

CERTIFICATE This is to certify that Mr./Miss. Arinash Shinde of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. The Details of Project work isTEMPERATURE CONTROLLED

DC FAN USING MICROCONTROLLER 2. Type of the Project: Application Instrument Theoretical **Industrial** Research Software 3. Work done: **Continuation of Previous work** I. Repetition II. First Time in Laboratory III. 4. The Work done by the student: In Group Independently 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) Dept. of lactronic Science Teacher In charge

Examiners:

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DEPARTMENT OF ELECTRONIC SCIENCE

| This is to certify that Mr./Miss. NTRMAL ANTL SONJE of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
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| The Details of Project work is- |
| 1. Title of the Project: WATER LEVEL CONTROLLER USING 8051 |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: I. Continuation of Previous work |
| II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| |
| Teacher in charge Comparison Comparison |
| Examiners: 1. 2. |

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DEPARTMENT OF ELECTRONIC SCIENCE

CERTIFICATE

This is to certify that Mr./Miss. MADHUSUDAN KARADKHEDKAP. of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21.

| The Details of Project work is- 1. Title of the Project: MOBILE PHONE DETECTOR |
|--|
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: I. Continuation of Previous work II. Repetition III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| Dept of Electronic Science Teacher In charge Examiners: 1. Leacher In College Dept of Electronic Science Department of Electronic Science Department of Electronic Science Leacher In College Department of Electronic Science |

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| Enroiment No. | 1 1 | 1-0 |
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DEPARTMENT OF ELECTRONIC SCIENCE

| CERTIFICATE |
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| This is to certify that Mr./Miss. Agyus hi Mahesh Chokalla of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
| The Details of Project work is- 1. Title of the Project: SMART BIKE HELMET WITH ALCOHOL DETECTOR. |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| 3. Work done: I. Continuation of Previous work II. Repetition |
| III. First Time in Laboratory |
| 4. The Work done by the student: Independently In Group |
| 5. Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| |
| Dept. of Electronic Science Teacher In charge Examiners: 1. Department of Electronic Science 2. Department of Electronic Science |

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| CERTIFICATE |
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| This is to certify that Mr./Miss. A Sawari Rayendra Bamane of T. Y. B. Sc. Class has successfully completed the project work during the academic year 2020-21. |
| The Details of Project work is- 1. Title of the Project: PASSWORD BASED DOORLOKK SYSTEM USING 8051 MICKOCONTROLLER |
| 2. Type of the Project: |
| Theoretical Application Instrument |
| Industrial Research Software |
| I. Continuation of Previous work II. Repetition III. First Time in Laboratory |
| Independently In Group |
| Is project done outside the College Laboratory: Yes / No (If yes give the details of the place of work if any) |
| O WODERN COLLEGE |
| Teacher In charge Dept. of Electronic Science This d |
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