****

**MAHARASHTRA STATE**

**BOARD OF TECHNICAL EDUCATION**

**Certificate**

This is to certify that Mr. Azlan Ahmed Shaikh Roll no. 210454 of second semester of Diploma in Computer Engineering of institute M.H. Saboo Siddik Polytechnic(code:0002) has completed microproject satisfactorily in the subject: DSU (22317) for the academic year 2022-23 as prescribed in the curriculum.

Enrollment no: 2100020093

Place: Byculla, Mumbai

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Head of the department:\_\_\_\_\_\_\_\_\_



SEAL OF



INSTITUDE



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject faculty Principal

****

**MAHARASHTRA STATE**

**BOARD OF TECHNICAL EDUCATION**

**Certificate**

This is to certify that Mr. Abdurrahman Qureshi Roll no. 210451 of second semester of Diploma in Computer Engineering of institute M.H. Saboo Siddik Polytechnic(code: 0002) has completed microproject satisfactorily in the subject: DSU (22317) for the academic year 2022-23 as prescribed in the curriculum.

Enrollment no: 2100020112

Place: Byculla, Mumbai

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Head of the department:\_\_\_\_\_\_\_\_\_



SEAL OF



INSTITUDE



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject faculty Principal

****

**MAHARASHTRA STATE**

**BOARD OF TECHNICAL EDUCATION**

**Certificate**

This is to certify that Mr. Owais Khan Roll no. 210459 of second semester of Diploma in Computer Engineering of institute M.H. Saboo Siddik Polytechnic(code:0002) has completed microproject satisfactorily in the subject: DSU (22317) for the academic year 2022-23 as prescribed in the curriculum.

Enrollment no: 2100020140

Place: Byculla, Mumbai

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Head of the department:\_\_\_\_\_\_\_\_\_



SEAL OF



INSTITUDE



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject faculty Principal

****

**MAHARASHTRA STATE**

**BOARD OF TECHNICAL EDUCATION**

**Certificate**

This is to certify that Mr. Faisal Ansari Roll no. 210481 of second semester of Diploma in Computer Engineering of institute M.H. Saboo Siddik Polytechnic(code:0002) has completed microproject satisfactorily in the subject: DSU (22317) for the academic year 2022-23 as prescribed in the curriculum.

Enrollment no: 2200020620

Place: Byculla, Mumbai

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Head of the department:\_\_\_\_\_\_\_\_\_



SEAL OF



INSTITUDE



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject faculty Principal

****

**MAHARASHTRA STATE**

**BOARD OF TECHNICAL EDUCATION**

**Certificate**

This is to certify that Mr. Chirag Gothankar Roll no. 220482 of second semester of Diploma in Computer Engineering of institute M.H. Saboo Siddik Polytechnic(code:0002) has completed microproject satisfactorily in the subject: DSU (22317) for the academic year 2022-23 as prescribed in the curriculum.

Enrollment no:2200020623

Place: Byculla, Mumbai

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Head of the department:\_\_\_\_\_\_\_\_\_



SEAL OF



INSTITUDE



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject faculty Principal

**Micro Project Evaluation Sheet**

**Name of Student: Abdurrahman Qureshi Enrollment No: 2100020112**

**Name of Programme: BANK MANAGEMENT SYSTEM Semester: 3rd**

**Course Title: Data structures using C Code: 22317**

**Title of the Micro-Project: BANK Management System**

### Course Outcomes Achieved: -

1. **Write a C program to perform insertion, deletion and searching operations on BST**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Characteristics to be assessed** | **Poor (Marks 1** - **3)** | **Average (Marks 4** - **5)** | **Good**  **(Marks 6** - **8)** | **Excellent (Marks 9- 10)** | **Sub Total** |
| (A) Process and Product Assessment (Convert above total marks out of 6 Marks) | | | | | |  |
| 1 | Relevance to the course |  |  |  |  |  |
| 2 | Literature Review/information collection |  |  |  |  |
| 3 | Completion of the Target as per project proposal |  |  |  |  |
| 4 | Analysis of Data and representation |  |  |  |  |
| 5 | Quality of Prototype/Model |  |  |  |  |
| 6 | Report Preparation |  |  |  |  |
| (B) Individual Presentation/ Viva (Convert above total marks out of 4 Marks) | | | | | |  |
| 7 | Presentation |  |  |  |  |  |
| 8 | Viva |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **(A)**  **Process and Product Assessment (6 marks)** | **(B)**  **Individual Presentation & viva (4 marks)** | **Total Marks**  **10** |
|  |  |  |

### Comments/Suggestions about teamwork/leadership/inter-personal communication (if any)

**…………………………………………………………………………………………………………………………………………………………………………………………………………………………**

**Name and designation of the Teacher …………………........................**

### Dated Signature ……………………………………

**Micro Project Evaluation Sheet**

**Name of Student: Azlan Shaikh Enrollment No: 210020093**

**Name of Programme: BANK MANAGEMENT SYSTEM Semester: 3rd**

**Course Title: Data structures using C Code: 22317**

**Title of the Micro-Project: BANK Management System**

### Course Outcomes Achieved: -

1. **Write a C program to perform insertion, deletion and searching operations on BST**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Characteristics to be assessed** | **Poor (Marks 1** - **3)** | **Average (Marks 4** - **5)** | **Good**  **(Marks 6** - **8)** | **Excellent (Marks 9- 10)** | **Sub Total** |
| (A) Process and Product Assessment (Convert above total marks out of 6 Marks) | | | | | |  |
| 1 | Relevance to the course |  |  |  |  |  |
| 2 | Literature Review/information collection |  |  |  |  |
| 3 | Completion of the Target as per project proposal |  |  |  |  |
| 4 | Analysis of Data and representation |  |  |  |  |
| 5 | Quality of Prototype/Model |  |  |  |  |
| 6 | Report Preparation |  |  |  |  |
| (B) Individual Presentation/ Viva (Convert above total marks out of 4 Marks) | | | | | |  |
| 7 | Presentation |  |  |  |  |  |
| 8 | Viva |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **(A)**  **Process and Product Assessment (6 marks)** | **(B)**  **Individual Presentation & viva (4 marks)** | **Total Marks**  **10** |
|  |  |  |

### Comments/Suggestions about teamwork/leadership/inter-personal communication (if any)

**…………………………………………………………………………………………………………………………………………………………………………………………………………………………**

**Name and designation of the Teacher …………………........................**

### Dated Signature ……………………………………

**Micro Project Evaluation Sheet**

**Name of Student: Chirag Gothankar Enrollment No: 2200020623**

**Name of Programme: BANK MANAGEMENT SYSTEM Semester: 3rd**

**Course Title: Data structures using C Code: 22317**

**Title of the Micro-Project: BANK Management System**

### Course Outcomes Achieved: -

1. **Write a C program to perform insertion, deletion and searching operations on BST**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Characteristics to be assessed** | **Poor (Marks 1** - **3)** | **Average (Marks 4** - **5)** | **Good**  **(Marks 6** - **8)** | **Excellent (Marks 9- 10)** | **Sub Total** |
| (A) Process and Product Assessment (Convert above total marks out of 6 Marks) | | | | | |  |
| 1 | Relevance to the course |  |  |  |  |  |
| 2 | Literature Review/information collection |  |  |  |  |
| 3 | Completion of the Target as per project proposal |  |  |  |  |
| 4 | Analysis of Data and representation |  |  |  |  |
| 5 | Quality of Prototype/Model |  |  |  |  |
| 6 | Report Preparation |  |  |  |  |
| (B) Individual Presentation/ Viva (Convert above total marks out of 4 Marks) | | | | | |  |
| 7 | Presentation |  |  |  |  |  |
| 8 | Viva |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **(A)**  **Process and Product Assessment (6 marks)** | **(B)**  **Individual Presentation & viva (4 marks)** | **Total Marks**  **10** |
|  |  |  |

### Comments/Suggestions about teamwork/leadership/inter-personal communication (if any)

**…………………………………………………………………………………………………………………………………………………………………………………………………………………………**

**Name and designation of the Teacher …………………........................**

### Dated Signature ……………………………………

**Micro Project Evaluation Sheet**

**Name of Student: Faisal Ansari Enrollment No: 2200020620**

**Name of Programme: BANK MANAGEMENT SYSTEM Semester: 3rd**

**Course Title: Data structures using C Code: 22317**

**Title of the Micro-Project: BANK Management System**

### Course Outcomes Achieved: -

1. **Write a C program to perform insertion, deletion and searching operations on BST**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Characteristics to be assessed** | **Poor (Marks 1** - **3)** | **Average (Marks 4** - **5)** | **Good**  **(Marks 6** - **8)** | **Excellent (Marks 9- 10)** | **Sub Total** |
| (A) Process and Product Assessment (Convert above total marks out of 6 Marks) | | | | | |  |
| 1 | Relevance to the course |  |  |  |  |  |
| 2 | Literature Review/information collection |  |  |  |  |
| 3 | Completion of the Target as per project proposal |  |  |  |  |
| 4 | Analysis of Data and representation |  |  |  |  |
| 5 | Quality of Prototype/Model |  |  |  |  |
| 6 | Report Preparation |  |  |  |  |
| (B) Individual Presentation/ Viva (Convert above total marks out of 4 Marks) | | | | | |  |
| 7 | Presentation |  |  |  |  |  |
| 8 | Viva |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **(A)**  **Process and Product Assessment (6 marks)** | **(B)**  **Individual Presentation & viva (4 marks)** | **Total Marks**  **10** |
|  |  |  |

### Comments/Suggestions about teamwork/leadership/inter-personal communication (if any)

**…………………………………………………………………………………………………………………………………………………………………………………………………………………………**

**Name and designation of the Teacher …………………........................**

### Dated Signature ……………………………………