

**MALAD KANDIVALI EDUCATION SOCIETY’S**

**NAGINDAS KHANDWALA COLLEGE OF COMMERCE, ARTS & MANAGEMENT STUDIES & SHANTABEN NAGINDAS KHANDWALA COLLEGE OF SCIENCE**

**MALAD [W], MUMBAI – 64**

AUTONOMOUS INSTITUTION

(Affiliated To University Of Mumbai)

Reaccredited ‘A’ Grade by NAAC | ISO 9001:2015 Certified

**CERTIFICATE**

Name: Anurag Dineshkumar Tiwari.

Roll No: 90 Programme: BSC-IT Semester: 1

# This is certified to be a bonafide record of practical works done by the above student in the college laboratory for the course INTRODUCTION TO PROGRAMMING[[2111UISIP]\_](https://elearning.nkc.ac.in/course/view.php?id=844)for the partial fulfilment of First Semester of BSc IT/CS during the academic year 2021-22.

The journal work is the original study work that has been duly approved in the year 2021-22 by the undersigned.

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| --- | --- |
| External Examiner | Dr.Sindhu P M &  Swapnali Tandel  (Subject-In-Charge) |
| Date of Examination: | (College Stamp) |

**Name: Anurag Dinesh Tiwari**

**Class: BSC-IT Roll No: 90**

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| SR.NO | NAME | DATE | SIGN |
| 1 | Write a Scratch program for (any one) | 20/09/21 |  |
| 2 | Basic of Python | 27/03/21 |  |
| 3 | Write Python programs using branching statement | 05/10/21 |  |
| 4 | Write a Python programs using list and list operations: | 12/10/21 |  |
| 5 | Write a Python programs using loops | 19/10/21 |  |
| 6 | . Write Python programs using functions: | 09/11/21 |  |
| 7 | Write Python programs to calculate the following on sliding-8 puzzle: | 16/11/21 |  |
| 8 | . Implement sorting algorithms | 23/11/21 |  |
| 9 | Implement searching algorithms: | 29/11/21 |  |
| 10 | WRITE PYTHON PROGRAM USING IMPOT | 06/12/21 |  |