**M.Sc C.S - I**

**SEM I**

**E-Journal**

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| **Roll No.** | 027 |
| **Name** | OJHA ABHISHEK DEVMANI |
| **Subject** | ARTIFICIAL INTELLIGENCE AND PROGRAMMING ROBOT |



CERTIFICATE

This is here to certify that Mr. **OJHA ABHISHEK DEVMANI**, Seat Number **027** of M.Sc. I Computer Science, has satisfactorily completed the required number of experiments prescribed by the UNIVERSITY OF MUMBAI during the academic year 2021 – 2022.

Date:

Place: Mumbai

Teacher In-Charge Head of Department

External Examiner

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| **Sr. No.** | **Practical Name** | **Date** |
| **1** | Write a program to create a robot  **(i)** With gear  **(ii)** Without gear and move it forward, left, right |  |
| **2** | Write a program to create a robot and add two motors to it, make it move forward, left and right. |  |
| **3** | **3.A** Write a program to create a robot that moves in a square using a while loop.  **3.B** Write a program to create a robot that moves in a square using a for loop. |  |
| **4** | Write  a program to create a robot with light sensors to follow a line. |  |
| **5** | Write  a program to create a robot that does a circle using 2 motors. |  |
| **6** | Write a program to create a path following robot. |  |
| **7** | Write a program to implement (BFS) algorithm for a given standard problem. |  |