SARASWATI Education Society's

SARASWATI Institute of Technology

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Information Technology Department

Name of Programme: - IF

Name of Course: -Internet Of Things (SEM-IV Summer-2026)

Course Outcome. –Develop IOT applications using IOT networking devices.

Assignment –IV

a)What are IOT protocols?

b)How wi fi connectivity to WEB using ESP826.

c)Explain: Wi-Fi and RFID.

d)Explain Cellular Bluetooth.

e)Explain Zigbee.

Assign By- Mrs.Samika Patil

SARASWATI Education Society's

SARASWATI Institute of Technology

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Information Technology Department

Name of Programme: - IF

Name of Course: -Internet Of Things (SEM-IV Summer-2026)

Course Outcome. –Create IOT applications by interfacing various actuators and embedded boards.

Assignment –III

a)What is Actuators?

b)Explain the Displays:LCD and 12C LCD.

c)Explain the Displays:7 segment display.

d)Explain the Actuators:Relay and Stepper Motor.

e)Explain the Actuators:Buzzer and Potentiometer.

Assign By - Mrs. Samika Patil

SARASWATI Education Society's

SARASWATI Institute of Technology

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Information Technology Department

Name of Programme: - IF

Name of Course: -Internet Of Things (SEM-IV Summer-2026)

Course Outcome. –Create IOT applications by interfacing various sensors and embedded boards.

Assignment –II

a)What is Sensors?

b)IOT sensors types?

C)Explain the water sensor and Smoke detection sensor.

d)Explain basic working technique of sensor.

e)Explain the temperature sensor and Humidity sensor.

Assign By - Mrs.Samika Patil

SARASWATI Education Society's
SARASWATI Institute of Technology
Learn Live Achieve and contribute
Kharghar, Navi Mumbai - 410 210.

Information Technology

Vision: To Visualize the creation of skilled, proficient IT professionals to meet current challenges.

Mission:

● To encourage young minds for training & entrepreneurship.
● To convey standard education with rapidly changing environment with ethical values. ● To provide an environment where students can continuously learn, apply & communicate knowledge.

Name Of Program :- Diploma in Information Technology
Date :-
Course Title :- Internet Of Things (314006) Sem-IV (2025-26) **Course Outcome :- IOT**
Chapter Name :- Basics of Internet of Things

Assignment No:-1

Q.1 State the a pplications of IOT?.

Q.2 Write down the different IOT devices?

Q.3 What is Arduino Uno programming?

Q.4 Explain the embedded Bords in IOT?

Q.5 What is Buzzer?

Last Date of Submission :-
Course Co-ordinator :- Mrs. Samika Patil (SYIF)