Department of Computer Science & Engineering

Report On SDP:

1. Type of Event: **Student Development Program(03rd May – 08th May 2021)**

2. Title of Event: **"Internet of Things and its Applications"**

3. Resource Person: **Mr.Supreeth, CEO, Founder, Tequed Lab, Bangalore**

4. Event Duration: **10.00 AM to 04.00 P.M (03rd May – 08th May 2021)**

5. Venue: **Online Platform**

6. Organizing Committee:**Dr.T.Chandrashekar, Principal, RRCE, Dr.R.Balkrishna, Dean, RRCE**

   Dr. S Usha, Dean Research, HOD (CSE)

7. Faculty Co-Coordinator: **Dr. Kamal Raj, ASP/CSE,Mr.Prabaharan J, AP/CSE**

8. Target Participants: **CSE Studentsand Faculties (Around 170 Participants)**

9. Topics covered:

   ✓ Arduino Software Introduction, Arduino Uno Introduction, Actuators Interfacing Part - 1

   ✓ Actuators Interfacing Part – 2, Sensors Interfacing Part – 1, Sensors Interfacing Part - 2

   ✓ NodeMCU Programming, Internet of Things and its Applications

   ✓ Rasberry pi OS Installation, Sensors Interfacing with Rpi, Actuators Interfacing with Rpi

   ✓ SQLite on Rasberry pi Projects, Artificial Intelligence in IoT, An Overview of IoT Hardware Circuit Design using Tinkercad Online simulation tool

   ✓ Security and Privacy in Internet of Things, Assessment