RESOURCE PERSONS

1. **Srikanth V (VS), Asst. System Engineer, TCS**
2. **Srinivasulu T (TS), Asst. System Engineer, TCS**
3. **Sumanth U (US), IOT, Developer & Trainer, APSSDC**

SCHEDULE

Every day one hour (10 A.M to 11 A.M) theory and one hour (11 A.M to 12 Noon) practice sessions are there.

Date	Topic	Resource Person
08-11-20	Working with ARDUINO UNO	NBK
09-11-20	Working with Nodemcu	US
10-11-20	Interfacing with Sensors & Cloud	US
11-11-20	Creating a Web application	VS
12-11-20	Interaction between Web application and IOT device	TS

WHO CAN ATTEND

The workshop is meant for students and faculty members whose area of interest is Internet of Things.

PROGRAM COMMITTEE

CHIEF PATRON
Sri. B. Venkata Siva Rama Krishna, Acting President,
Bapatla Education society

PATRONS
Sri P. Paparao, Vice President,
Sri. M. Nageswara Rao, Secretary
Sri. P. Bhavannarayana Chowdary, Jt. Secretary &Correspondent
Sri. Ch. Venkaiah, Treasurer
Dr. V. Damodara Naidu , Principal
Dr. K. Vizay Kumar, Academic Advisor

CO-ORDINATOR
Prof., N. Sivaram Prasad, Head of the department
Department of IT

For further details Contact
Prof. N. Sivaram Prasad, HOD,
Department of IT
Mobile No: 9885882200
E-mail : sivaram.n@becbapatla.ac.in

PREREQUISITES

Before attending the workshop you are advised to procure the following items for hands on practice.

1. ESP8266 Nodemcu
2. Breadboard Kit
3. Jumper wires female to female type and female to male type
4. Ultrasonic distance measuring sensor
5. Relay module, 1 or 2 Channel

Bapatla Engineering College

Workshop on

Internet of Things
(Nov. 08 to Nov. 12, 2020)

Organized by

Dept of Information Technology

Vision of the department

Our vision is to empower our students with the skills and knowledge necessary to meet the challenges of the 21st century, driving sustainable socio-economic development through innovative solutions and responsible use of technology.

Mission of the department

1. Catering to the needs of students by providing good infrastructure and by imparting skills relevant to the IT industry.
2. To motivate students and faculty members towards self learning to acquire knowledge about emerging technologies in the IT industry.
3. Promote research that leads to innovative projects using cutting edge technology for the benefit of the Society.
4. To inculcate team spirit, leadership qualities and ethics among students and staff.

ABOUT THE PROGRAM

The Internet of Things (IoT) is a transformative technology that connects everyday objects to the internet, enabling them to send and receive data. This connectivity has a profound impact on various aspects of our lives and industries. IoT devices can automate routine tasks, leading to increased efficiency and productivity. IoT devices collect vast amounts of data that can be analyzed to gain insights and make informed decisions. IoT devices can enhance safety and security in various settings. IoT has revolutionized healthcare by enabling remote monitoring of patients. IoT plays a crucial role in developing smart cities, where interconnected systems improve urban living. IoT devices offer convenience in everyday life. IoT can contribute to environmental sustainability by optimizing resource usage. The potential of IoT is vast, and its applications continue to expand across various sectors, driving innovation and improving quality of life.

ABOUT THE DEPARTMENT

The Department of IT was started in the academic year 1999-2000 and accredited by NBA once in the year 2007 for 3 years. The department offers B.Tech in Information Technology with an annual intake of 120. The department is equipped with the state of the art computing facilities and experienced faculty members. It is known for its academic excellence proved by its performances since its inception.

A good number of students from the department obtained admissions into M.S.(Computer Science) Program abroad. Many of the students were placed in reputed organizations like TCS, CapGemini, Infosys, CTS, IBM, iGate, Virtusa, MindTree, Accenture & Tech Mahindra etc.

Students are encouraged to participate in extra-curricular activities and competitions held by other universities and colleges within the state and out-side the state. The department strives hard to impart quality education and to keep the students on the competitive edge of the present-day technology.

ABOUT THE COLLEGE

The Bapatla Engineering College(Autonomous), one of the seven educational institutions sponsored by the Bapatla Education Society, was established in 1981 with a vision to impart quality technical education and is affiliated to Acharya Nagarjuna University. The college offers 9 B.Tech. Programmes, 5 M.Tech Programmes and 4 Diploma Programmes. The 7 branches of Engineering- Civil, Computer Science, Electronics and Communications, Electrical and Electronics, Mechanical Engineering which were thrice NBA accredited, Electronics and Instrumentation which was accredited twice and Information Technology which was accredited once. The college has been granted autonomous since 2010. The college is also accredited by NAAC. The college has signed MOUs with several national and International organisations. In addition to the routine laboratory facilities, the college has Bosch Rexroth Center of Competence, Siemens Center of Excellence and Robotic Technology Center.

CERTIFICATE

Certificate will be issued on satisfactory completion of the workshop.

REGISTRATION FEE

It is offered free of cost.

IMPORTANT DATES

• Last Date for registration is November 07, 2020.

HOW TO APPLY

Scan the following QR code for registration.