

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
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Dr. V. Damodara Naidu, Principal
Dr. K. Vizay Kumar, Academic Advisor

CO-ORDINATOR

Prof., N. Sivaram Prasad, Head of IT
Dept. 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
Autonomous



Live Assisted Workshop
on

Internet of Things

Nov 8, 2020 to Nov 12, 2020

Organized by

Departments of Information

Technology &

Electrical & Electronics Engineering

HOW TO APPLY

Scan the following QR code for registration.



IMPORTANT DATES

- Last Date for registration is November 05, 2020.
- The workshop commences on November 08, 2020 and continues until November 12, 2020.

REGISTRATION FEE

It is offered free of cost.

CERTIFICATE

Certificate will be issued on satisfactory completion of the course.

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 is a little away from the din and bustle of Bapatla, a town with a historic and hoary past, about 75 Km. south of Vijayawada on Chennai-Vijayawada rail route. The college offers 9 B.Tech. Programmes, 5 M.Tech Programmes, 5 M.Sc 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.

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.

The Average Pass Percentage of the department has been 83.68% and 30.58% of the students obtain distinction every year, which speaks of the academic fervour in the department.

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 PROGRAM

The Internet of Things, or IoT, refers to the billions of physical devices around the world that are now connected to the internet, all collecting and sharing data. Connecting up all these different objects and adding sensors to them adds a level of digital intelligence to devices that would be otherwise dumb, enabling them to communicate real-time data without involving a human being. The Internet of Things is making the fabric of the world around us more smarter and more responsive, merging the digital and physical universes. The objective of this workshop is to bring awareness among students and faculty about Internet of Things. After attending the workshop students are able to do their final semester project in IOT domain and the faculty members are able to guide / teach their students in the IOT domain.

RESOURCE PERSONS

1. **Bala Krishna N (NBK), Asst.Prof. EEE Dept., BEC**
2. **Sumanth U (US), Developer IOT, APSSDC**
3. **Srikanth V (VS), Asst. System Engineer, TCS**
4. **Srinivasulu T (TS), Asst. System Engineer, TCS**