

**TWO DAYS NATIONAL LEVEL
WORKSHOP ON
Smart Applications using
IoT - Node MCU
4th -5th December 2018**

Registration Form

Name :

Gender : Male / Female

Qualification :

Designation :

Department :

Institution :

Address for Communication:
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.....
.....

PIN:

E-Mail :

Phone (Off.) :

Mobile No. :

DD No. & Date:

Name of the Bank:

Accommodation required? YES/NO

DECLARATION:

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations of the programme.

Date:

Place:

Signature of the Applicant:

Forwarded/Recommended:

Signature with seal of Head of the
Institution/Organization

ADDRESS FOR CORRESPONDENCE

The Head of the Department,
Department of ECE,
St. Joseph's Institute of Technology,
Old Mamallapuram Road,
Chennai – 600119, Tamil Nadu.

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hodecestaffairs@stjosephstechnology.ac.in
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Mobile: 7667678242, 9884468447

Phone: 04424503132

Fax: 044-24503133

**TWO DAYS NATIONAL LEVEL
WORKSHOP ON
Smart Applications using
IoT - Node MCU
4th -5th December 2018**

Organized by



**Department of
Electronics & Communication Engineering
(NBA ACCREDITED)
St. Joseph's Institute of Technology
St. Joseph's Group of Institutions
OMR, Chennai-119.**



in association with



ABOUT THE INSTITUTION

St. Joseph's Institute of Technology, St. Joseph's Group of Institution started in the year 2011. It is a Christian minority institution with six UG streams viz B.E – ECE, CSE, EEE, MECH, CIVIL & B.Tech - IT. The college has best infrastructure including auditorium, mess halls, administrative block, labs, classrooms and hostels covering a total area of 10 lakhs sq.ft.

ABOUT THE DEPARTMENT

Vision: To come forth as an eminent department in the field of electronics and communication engineering, research for providing ethical resource persons to serve the industry and society with technical excellence.

Department of Electronics and Communication Engineering was started in August 2011 with a sanctioned intake of 60 and increased to 180 during the academic year 2018- 2019 and it is accredited by NBA. The department is well equipped with all Electronics and Communication laboratories which include RF & Microwave, Optical, Signal Processing, Embedded Systems, Networks and VLSI Lab. Faculty members in our department plays vital role in guiding students & also involved in IEEE & IETE Student Chapter as Co-ordinator.

ABOUT THE IEEE Madras Section

IEEE Madras Section came into existence in 1973 and has crossed its silver jubilee year. IEEE Madras Section has an active membership of 2275 life/ senior members/ members. The student membership is around 4716. The IEEE Madras Section conducts technical lectures, symposiums and conferences by eminent personalities from several fields

ABOUT THE PROGRAMME

This Program mainly on the Programming & Hands on Sessions , taking into view on the Practical Implementation of the IoT Concepts in Real Time Application Scenarios using Node MCU (In built Wi-Fi).

Ultimate care is taken that these case studies deploy most of the applications of the IOT Programming concepts. This workshop is mainly aimed to create awareness on IOT by giving Hands-on experience of building an IOT application

COURSE CONTENT

Day 1

Basics of Arduino Programming
HTML Coding basics
Node MCU development Kit – Description
Creating a Webpage
Creating a Server on Node MCU
Controlling of IO peripheral on Node MCU using Webpage
Building an Android App and Controlling IO Peripheral

Day 2

Working with IFTTT
MQTT Protocol
Using Adafruit IO
Getting Sensor Values and updating it live
Push notifications, Facebook/Twitter status update
Home Automation and Smart Agriculture

Eligibility: Faculty/Research scholar/ Students

ORGANIZING COMMITTEE PATRONS

Dr. B. BABU MANOHARAN,
M.A., M.B.A., Ph.D.,
Chairman, St. Joseph's Group of Institutions

Mrs.B.JESSIE PRIYA, M.com.
Managing Director,
St. Joseph's Group of Institutions

Mr. B. SHASHI SEKAR, M.Sc.
Director, St. Joseph's Group of Institutions

Dr. P. RAVICHANDRAN, M.Tech., Ph.D.,
Principal, St. Joseph's Institute of Technology

CONVENERS

Dr. C.Gnana Kousalya M.E., Ph.D.,
Dr.G.Rohini M.E., Ph.D.,

CO-ORDINATORS

Mr.V.R Balaji, M.E., (Ph.D)
Mr.T.Siva,M.E
Mr.D.Suresh, M.E

VENUE: *Computer Network Lab*

IMPORTANT DATES

Last date for Registration : 01-12- 2018

Intimation for the selection: 02-12-2018

Registration Fees:

For Students/Research Scholar: Rs: 400/ -
(IEEE Member)

For Students/Research Scholar: Rs: 500/ -
(Non -IEEE Member), Demand Draft drawn in favour of "SJIT IEEE STUDENT" payable at Chennai from any nationalized bank