Jyothi Engineering College

Archana S <archanas@jecc.ac.in>

# Fwd: Request to be the resource person for Webinar - reg

**Jeyakkannan N** <jeyakkannann@jecc.ac.in> Fri, Apr 16, 2021 at 12:07 PM
To: Archana S <archanas@jecc.ac.in>

---------- Forwarded message ---------
From: **Dr. Kuppan Chetty Associate Professor - MECH ANRO** <kuppanc@hindustanuniv.ac.in>
Date: Wed, Dec 9, 2020 at 12:24 PM
Subject: Re: Request to be the resource person for Webinar - reg
To: Jeyakkannan N <jeyakkannann@jecc.ac.in>
Cc: Vivek Lukose <viveklukose@jecc.ac.in>

Dear Sir,

I am very happy to accept your invitation as a resource person for the webinar on " Modelling and Simulations of Event Driven Systems in MATLAB/STATEFLOW ". or I can also give on Intelligent "Control Strategies for Action Coordination of Mobile Robotic Systems" (AI).

However, I would like to request you to keep it either on 15.12.2020 or 17.12.2020. Because I have a project review for Final Year Mechatronic Students on 16.12.2020.

Thanks and Regards
Kuppan Chetty RM

On Wed, Dec 9, 2020 at 11.54 AM Jeyakkannan N <jeyakkannann@jecc.ac.in> wrote:

> Dear Sir,
>
> **Greetings from Jyothi Engineering College, Thrissur**
>
> As per our earlier discussions, I am happy to invite you to be the resource person for the webinar on **"Modelling and Simulation"** organized by the Department of Mechatronics Engineering in association with ISTE Student Chapter on 16/12/2020 between 2.00 PM to 3.30 PM. Kindly give your confirmation for the same to proceed further.
>
> With regards,
>
> **Mr.N.Jeyakkannan M.Tech (Ph.D)**
> **AP - Mechatronics**
> **Jyothi Engineering College**
> **Thrissur.**
> **Ph - 8056294801**
>
> Jyothi Engineering College, Cheruthuruthy

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Dr. RM. Kuppan Chetty,
M.Tech., PhD (IITM)., MIE.,
Senior Member IEEE - RAS

**Hindustan Institute of Technology and Science**
**Padur, Chennai - 603103.**
**Ph:+91-9444030759 / +91-9884960759 (Whatsapp)**

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## DEPARTMENT OF MECHATRONICS ENGINEERING

IN ASSOCIATION WITH

ISTE STUDENTS CHAPTER

WEBINAR ON

# MODELLING AND SIMULATION OF ROBOTICS SYSTEM

THE SESSION WILL BE HANDLED IN

Google Meet

31st Dec 2020

11:30 AM - 01:00 PM

**Dr. R. M. Kuppan Chetty**

Associate Professor

Department of Mechanical Engineering

Hindustan Institute of Technology and Science, Chennai


**Mr. N. Jeyakkannan (AP - MR)**
Coordinator

**Dr. Vivek Lukose (HOD - MR)**
Convenor

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# DEPARTMENT OF MECHATRONICS ENGINEERING

## Report - Webinar on "Modelling and Simulation"

The Department of Mechatronics Engineering in association with ISTE Student Chapter, Jyothi Engineering College conducted a webinar on "**Modelling and Simulation**"on **31.12.2020 (11.30 AM - 01.00 PM)** Dr.R.M.KuppanChetty, Associate Professor -- Centre for Robotics and Automation, Hindustan Institute of Technology and Science, Chennai is consented to be the resource person for the webinar.

The Session started with the welcome address and introduction about the Resource Person by Mr.N.Jeyakkannan, Assistant Professor – MR, Jyothi Engineering College.

Dr.R.M.Kuppanchetty has mentioned about the various techniques of Modelling and Simulation of Industrial robots and he specially addressed the various simulation software used in Robotics and Automation for students projects. Finally he elaborates the various career opportunities for Robotics and Mechatronics Engineering students in the field of Automation.

Totally 100+ students have attended the webinar. The Session is more useful and interactive with Q&A session at the end.

Later the vote of thanks was delivered by Ms.Shamin E Varkey, Assistant Professor– MR

The Speaker specially thanked Jyothi Engineering College for organizing such a webinar for the benefit of student's community and he is willing to guide and support in future project activities and programs related to Robotics and Automation for our students.

Mr.N.Jeyakkannan
Coordinator & AP – MR

Dr.VivekLukose
Convener & HoD- MR

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# INNOVATIONS AND ENTREPRENEURSHIP DEVELOPMENT CELL JYOTHI ENGINEERING COLLEGE

Innovations and Entrepreneurship Development Cell (IEDC) of Jyothi Engineering College, in association with the International Centre for Free and Open Source Software (ICFOSS) Jyothi Engineering College, organized a workshop on **Web Scraping Using Python**. The details of the program are as follows.

Resource Person: Mr. Anand Murali
Runner Up- Reboot Kerala Hackathon 2020
Jyothi Engineering College

Date: 29/11/2020, Sunday

Time: 11:00 AM

Platform: Google Meet

Mr. Jothis R Daas welcomed all the participants. Mr. Anil Antony, Nodal Officer – IEDC JECC welcomed the resource person and introduced him to the participants. The event was coordinated by Mr. Jothis R Daas, S5 MRE, and Mr. Amal Sebastian, S5 CSE. Nearly 60+ participants, from various educational institutes across Kerala, were present throughout the meeting on average. After the Q&A session, Mr. Amal Sebastian delivered the vote of thanks.

The workshop concluded at 12.10 pm.

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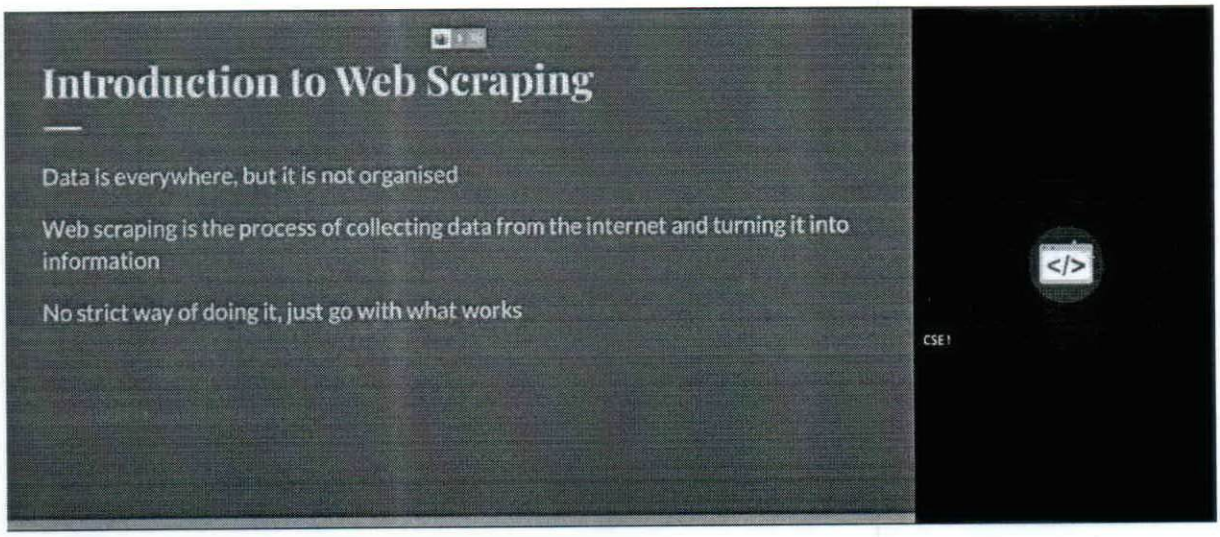


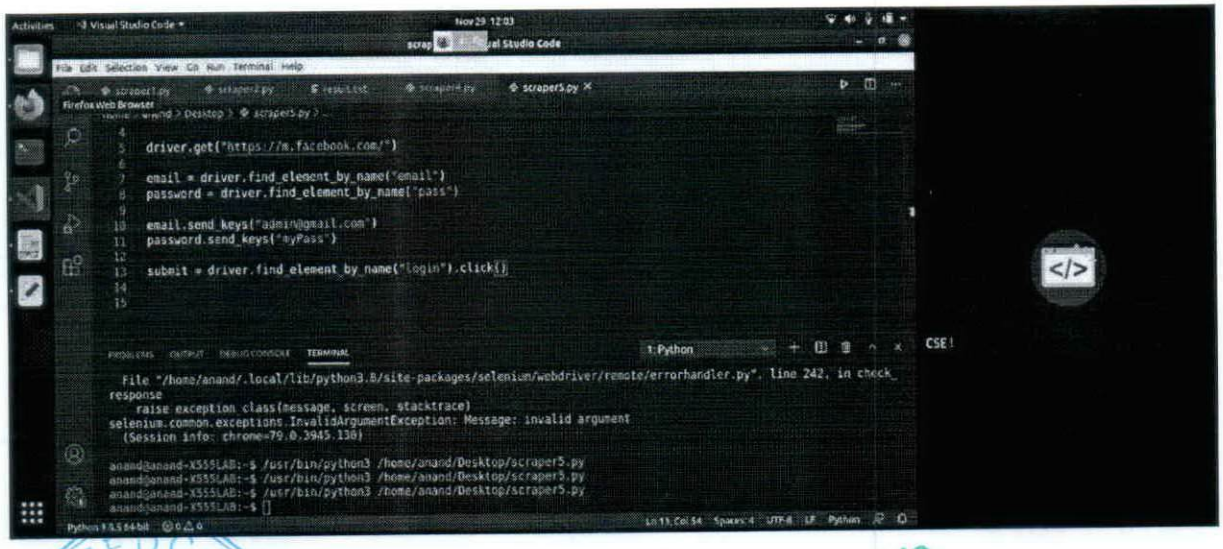



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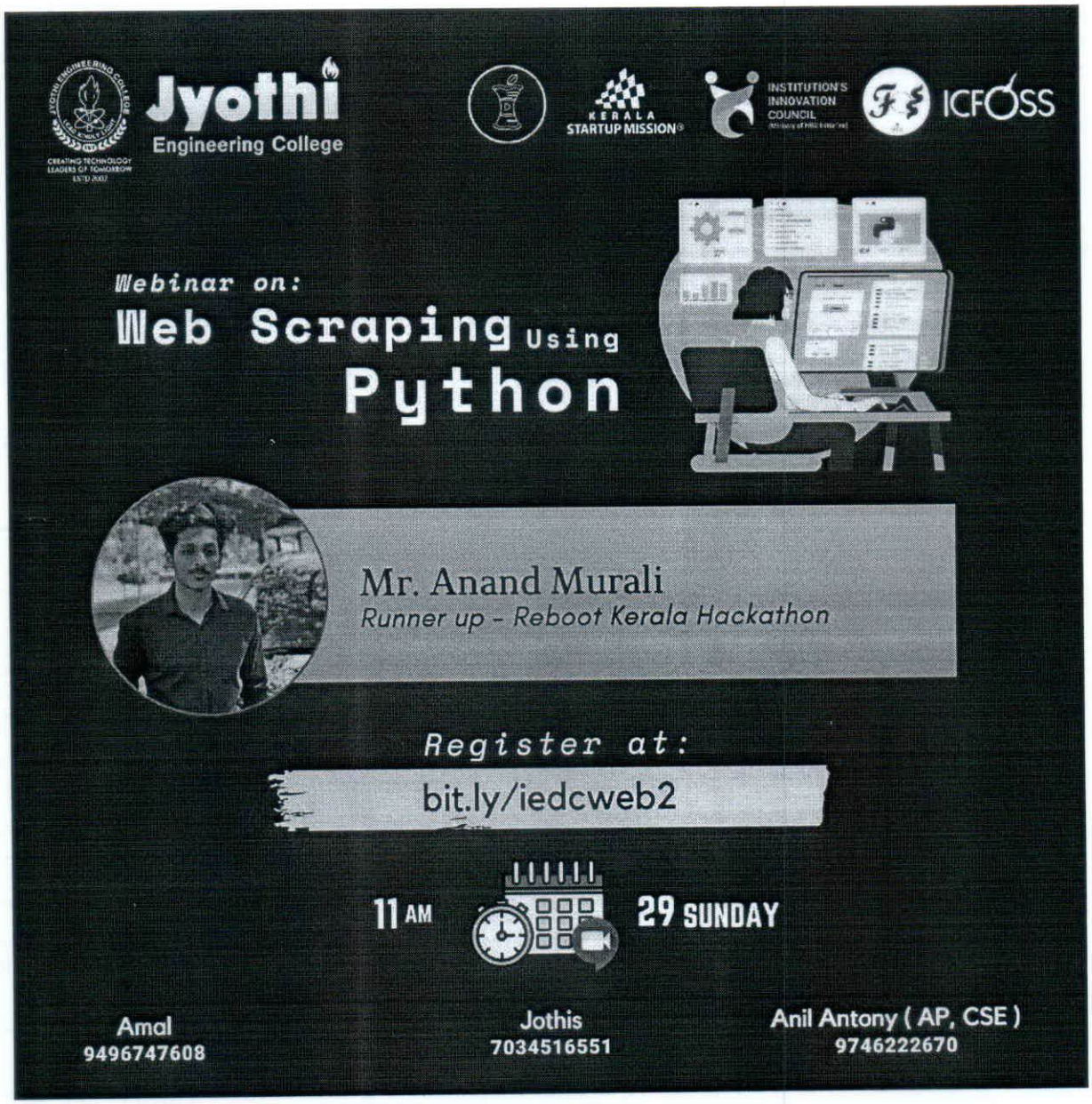


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INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Jyothi Engineering College,
Jyothi Hills, Vettikattiri P O, Cheruthuruthy

Verify at:

# CERTIFICATE
## OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

## Ajay George Prathap

for his/her active participation in the Workshop on **INTRODUCTION TO WEB DEVELOPMENT** organized by **INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CELL** in association with **CSI** on 14 November, 2020

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PROF. RATNAN P
Professional Club General Co-ordinator

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PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

FR.ROY JOSEPH VADAKKAN
Campus Head

## Explore ML Program

**Venue: Insight Hall** **Date: 28/08/2019**

The **Explore ML Program** as a part of Google's Explore Machine Learning Program conducted in association with IEDC-JECC and CSI designed for machine learning enthusiasts to learn ML in a fun way through videos, exercises and demos. The Resource person of this event was SREERAG R NANDAN, S5CSEB, Google's Explore Machine Learning Program facilitator.

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# Google' Explore Machine Learning Workshop on 28-8-19 @ Insight hall

## Attendence List

| S No | Salutation | Name | Class | Signature | |
|---|---|---|---|---|---|
| | | | | F.N | A.N |
| 1 | Mr | Maneesh Manoj | S5 CSE B | | |
| 2 | Ms | Sangeetha P | S5 CSE B | | |
| 3 | Mr | Joseph Joel C P | S5 CSE B | | |
| 4 | Ms | Amala K S | S5 CSE A | | |
| 5 | Mr | Rashi M | CSE B | | |
| 6 | Ms | Shilpa | S5 CSE B | | |
| 7 | Ms | Vincy Anto | S5 CSE B | | |
| 8 | Mr | Sidharth u | S5 CSE B | | |
| 9 | Ms | Saranya k | S5 CSE B | | |
| 10 | Mr | Shinoz Mohammed | S5 CSE B | | |
| 11 | Mr | Avin joseph | S5 CSE A | | |
| 12 | Ms | Mary Jose | | | |
| 13 | Ms | Shibana | S6 CSE B | | |
| 14 | Ms | Sangeetha c p | S5 CSE B | | |
| 15 | Ms | Archana.s | S5 CSE A | | |
| 16 | Ms | Mary Jose | | | |
| 17 | Mr | Saurav | S5 CSE B | | |
| 18 | Ms | Shibana | | | |
| 19 | Mr | Sreehari | S5 CSE B | | |
| 20 | Ms | Sreelakshmi.c | S5 CSE B | | |
| 21 | Ms | Anakha k r | S5 CSE A | | |
| 22 | Mr | M P Adithya Vijayen | S5 CSE B | | |
| 23 | Ms | Jasmine Shaj | S5 CSE A | | |
| 24 | Ms | Sanjana S | S5 CSE B | | |
| 25 | Mr | Aayush P Reji | S5 CSE A | | |
| 26 | Ms | Teena Joy p.j | S5 CSE B | | |
| 27 | Mr | Amal Tom | S5 CSE A | | |
| 28 | Mr | Jackson james | S5 CSE A | | |
| 29 | Ms | Anjali Nair | S5 CSE-B | | |
| 30 | Ms | DIVYA PETER | S5 CSE A | | |
| 31 | Ms | Rasmiya c u | S5 CSE B | | |
| 32 | Ms | Cecilia Joe | S5 CSE A | | |
| 33 | Ms | Meera E Thimothy | S5 CSE B | | |
| 34 | Ms | Niva Dileep | S5 CSE B | | |
| 35 | Ms | Nova Dileep | S5 CSE B | | |
| 36 | Ms | Anju Vincent v | S5 CSE-A | | |
| 37 | Ms | Archana ck | S5 CSE A | | |
| 38 | Ms | Anjali Anne Prathap | S5 CSE A | | |
| 39 | Mr | Karthik Pc | S5 CSE B | | |
| 40 | Mr | Nithin Peter | " | | |
| 41 | Ms | Sruthi Elsa Shaji | S5 CSE B | | |

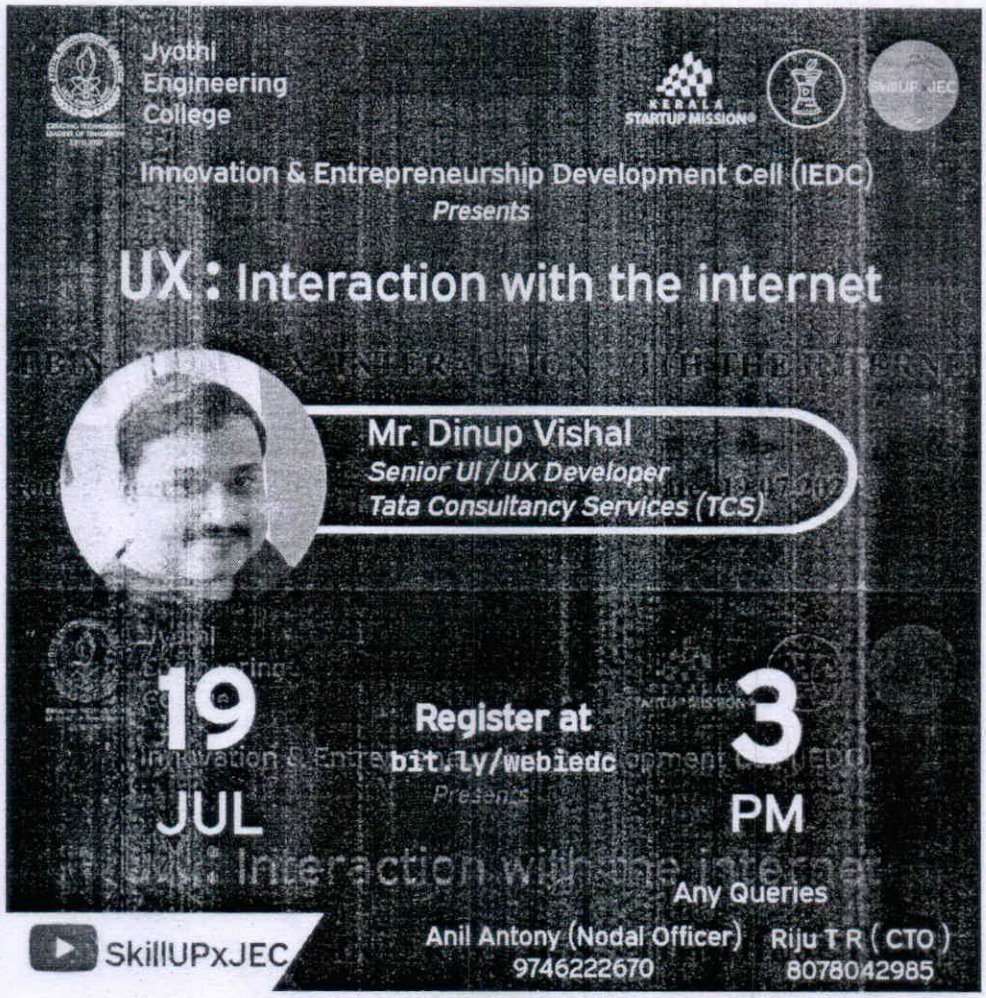
# Google' Explore Machine Learning Workshop
## on 28-8-19 @ Insight hall

**Attendence List**

| S No | Salutation | Name | Class | Signature | |
|---|---|---|---|---|---|
| | | | | F.N | A.N |
| 42 | Mr. | Bibin Thomas | S5 CSE(A) | | |
| 43 | Mr | Aravin Raju | " | | |
| 44 | Mr | Arjun. J. | " | | |
| 45 | Mr | Binwin Viju | " | | |
| 46 | Ms | Aiswarrya Sajeev | " | | |
| 47 | Mr | Abhijith V J | " | | |

## WEBINAR ON " UX: INTERACTION WITH THE INTERNET "

**Venue : Google Meet** **Date: 19.07.2020**




Conducted a Webinar as a part of SkillUPxJEC. Session delivered by Mr. Dinup Vishal, *Senior UI/UX Developer, Tata Consultancy Services, United Kingdom*. He was one of our alumni. Discussed about modern user experience and design tools.

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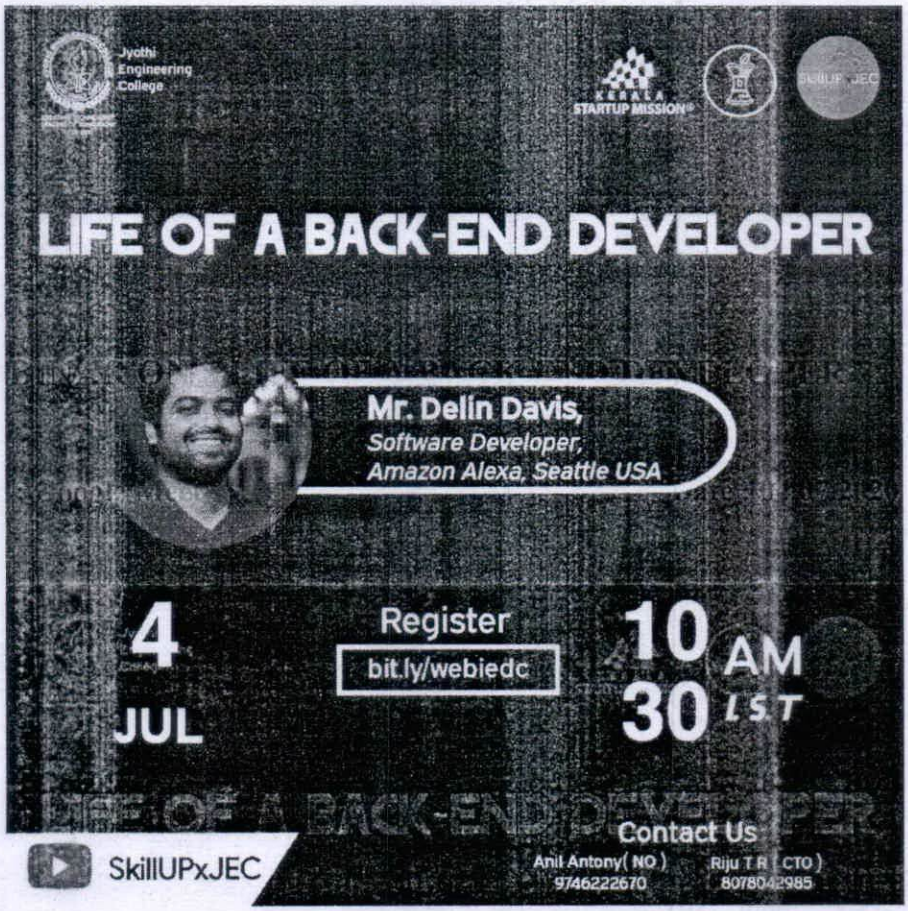
## WEBINAR ON " LIFE OF A BACK-END DEVELOPER "

**Venue : Google Meet** **Date : 04.07.2020**




Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Delin Davis**, *Software Developer, Amazon Alexa, Seattle USA*. He was one of our alumni. Discussed about daily life of an back-end developer

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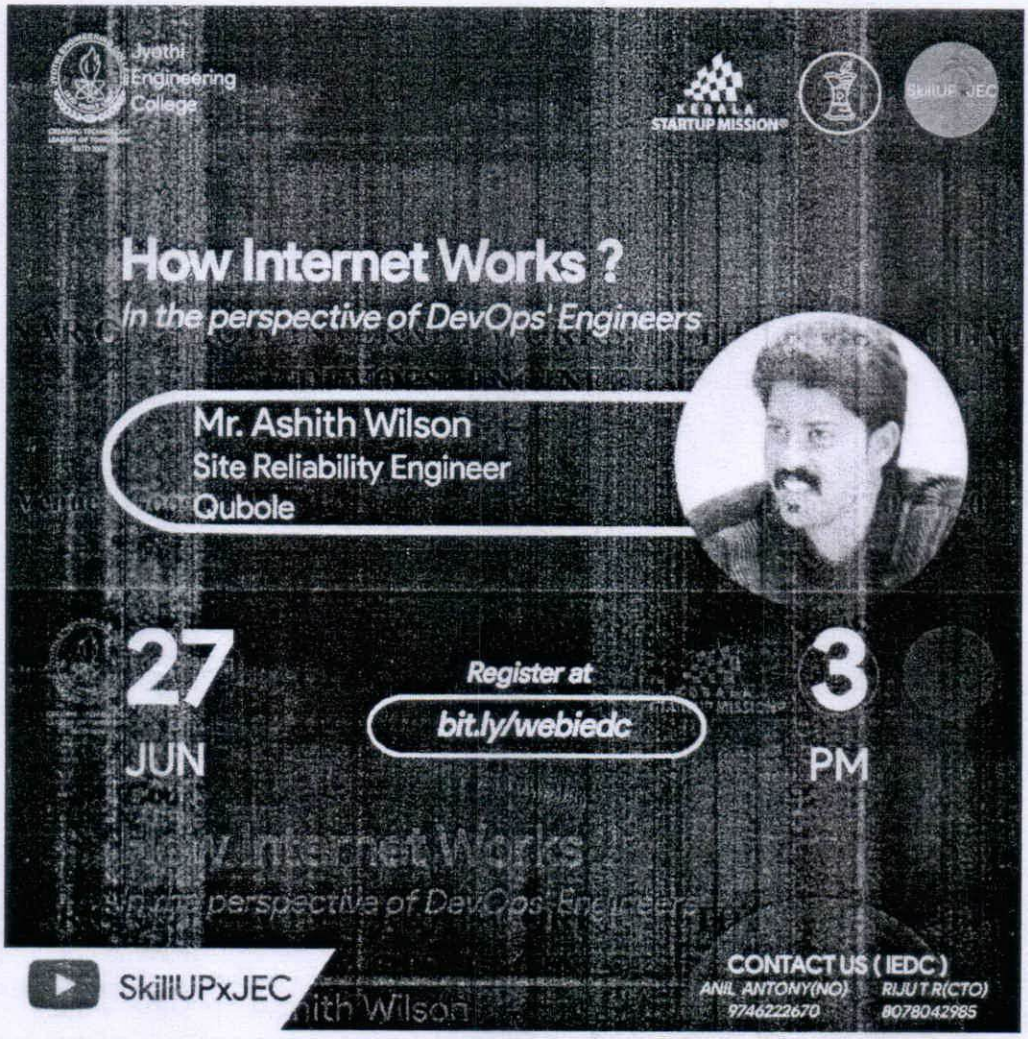
# WEBINAR ON " HOW INTERNET WORKS, IN THE PERSPECTIVE OF DEVOPS' ENGINEERS "

**Venue: Google Meet** **Date: 27.06.2020**




Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Ashith Wilson,** *Site Reliability Engineer, Qubole*. He was one of our JECC alumni. Discussed about DevOps concepts, servers, etc.

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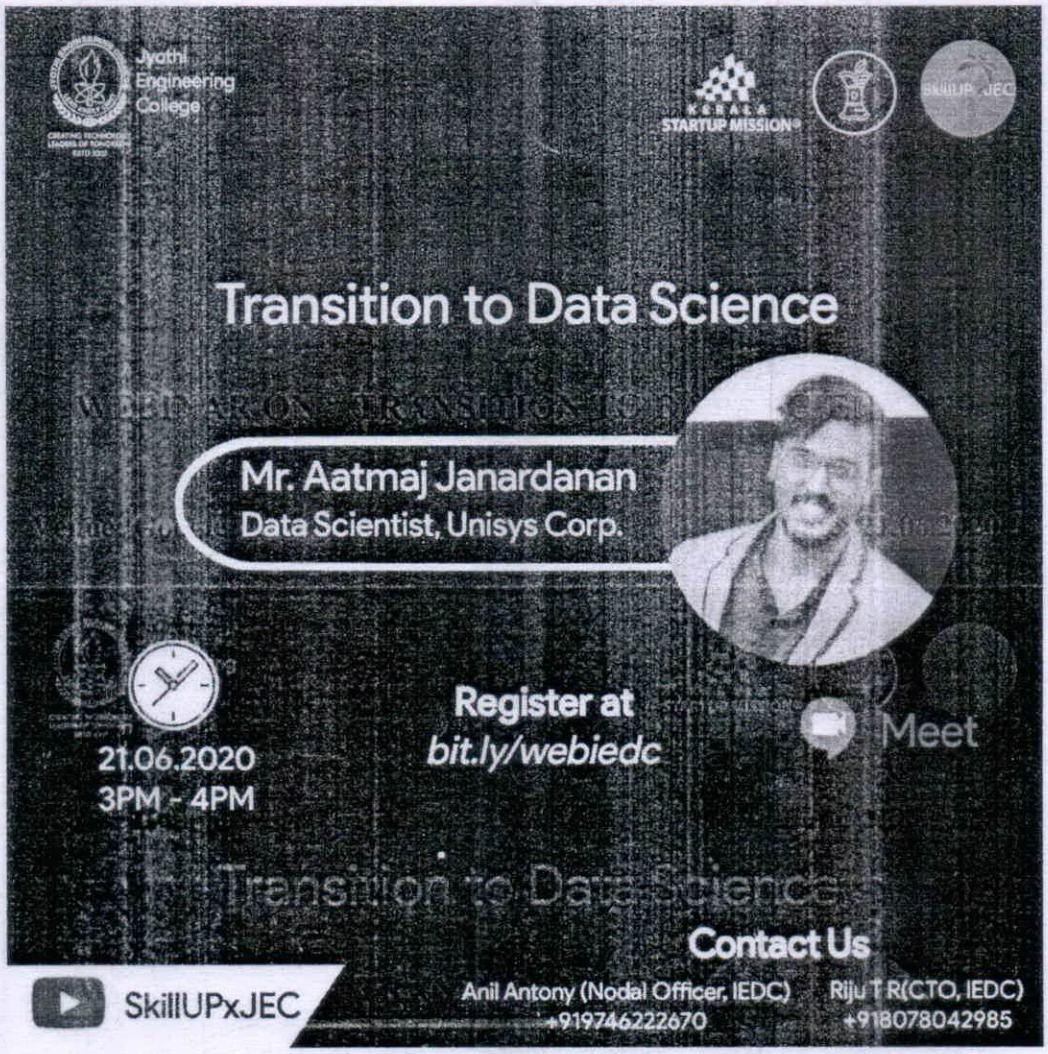
## WEBINAR ON " TRANSITION TO DATA SCIENCE "

**Venue: Google Meet** **Date: 21.06.2020**




Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Aatmaj Janardanan,***Data Scientist, Unisys Corp.* He was one of our JECC alumni. Discussed about future Data Science and Data Scientist.

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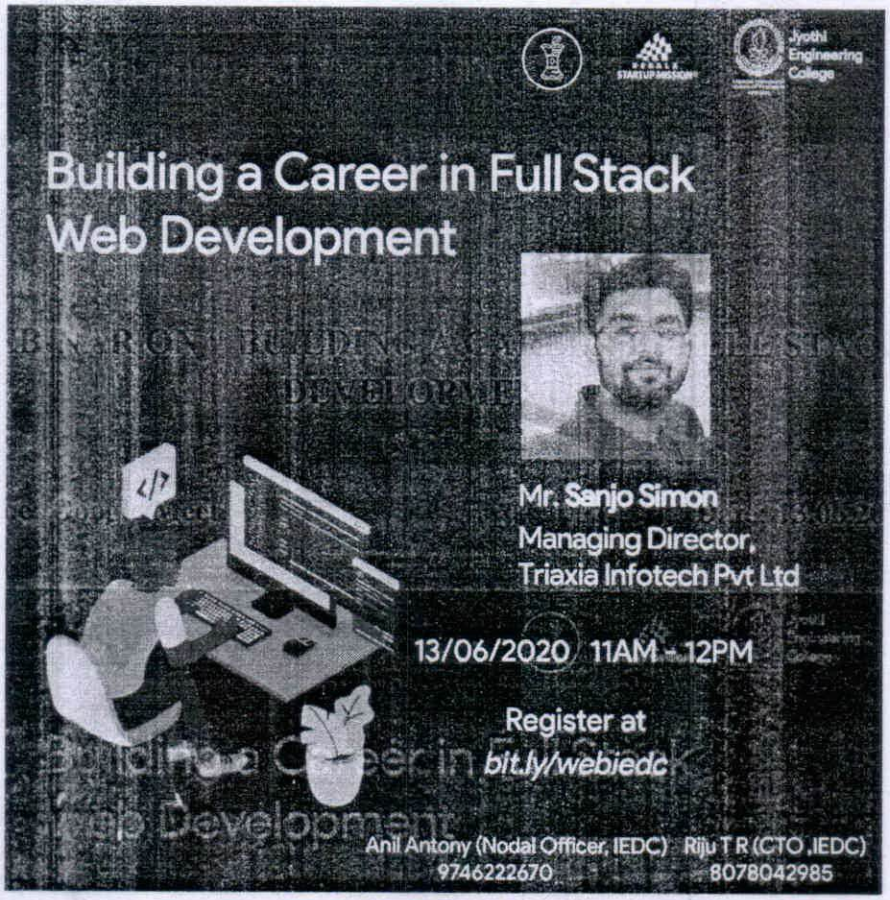
# WEBINAR ON " BUILDING A CAREER IN FULL STACK DEVELOPMENT"

**Venue: Google Meet** **Date: 13.06.2020**




Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Sango Simon,** *Managing Director, Triaxia Infotech Pvt Ltd.* He was one of JECC alumni. So discussed a lot about full stack developer and his startup. Mainly session were focused on how to build our own company from what we have studied through graduation.

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JYOTHI ENGINEERING COLLEGE IEEE AND IEEE – IAS PRESENTS

# WEBINAR ON

# " INTRODUCTION TO MATLAB "

SESSION WILL BE HANDLED BY

**Dr Nisha P. V**

Dept. Of Electrical and Electronics Engineering
Jyothi Engineering College

Meet

" Free Registration For All "

Register free at:
shorturl.at/BCFMT

2nd JUNE 2020
2 PM
DURATION : 1 hr

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JINESH K J – AP MR
9400086378

MANSOOR – S6 EEE
9605165325

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Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

| Timestamp | Name | Name of College/School | Branch | Sem | Email Address | Mobile No | Course |
|---|---|---|---|---|---|---|---|
| 6-1-2020 16:51:24 | DASU HEMASRI | YSR ENGINEERING COLLE | Electronics ar | 8 | venkatjayasrihema@gmail.com | 7330808871 | Introduction to MATLAB |
| 6-1-2020 18:38:01 | Rijo Johnson | | | | rijojohnson03@gmail.com | 9930667838 | Introduction to MATLAB |
| 6-1-2020 18:52:28 | Ajith C | Jyothi engineering college th | Mechanical er | 2 | ajithckarz1234@gmail.com | 9633800490 | Introduction to MATLAB |
| 6-1-2020 18:58:42 | Parthiban P | Jyothi Engineering College | Civil Engineer | 2 | parthiban.pgce18@jecc.ac.in | 9500205767 | Introduction to MATLAB |
| 6-1-2020 19:35:15 | ANN ROSE JENS | JYOTHI ENGINEERING CO | CSE | 2 | ann.cse19@jecc.ac.in | 8714817250 | Introduction to MATLAB |
| 6-1-2020 19:55:30 | AISWARYA K | JYOTHI ENGG COLLEGE | CSE | 2 | aiswaryasubash2001@gmail.com | 7902915385 | Introduction to MATLAB |
| 6-1-2020 19:57:27 | SASIREKHA.S | | | | sasirekhasankar004@gmail.com | 6379418476 | Introduction to MATLAB |
| 6-1-2020 20:12:06 | Aswin | Jyothi engineering college | Mechanical | 6 | aswindinesh31@gmail.com | 8075455682 | Introduction to MATLAB |
| 6-1-2020 21:56:37 | AKSHARA C | JYOTHI ENGINEERING CO | Computer Sci | 2 | akshara.cse19@jecc.ac.in | 8078381240 | Introduction to MATLAB |
| 6-1-2020 22:02:08 | ANJANA PS | JYOTHI ENGINEERING CO | Computer Sci | 2 | anjana.cse19@jecc.ac.in | 7510334353 | Introduction to MATLAB |
| 6-1-2020 22:41:56 | Abdul Haleem M I | UPES Dehradun | Electrical Pow | 8 | haleeminho@gmail.com | 9747425625 | Introduction to MATLAB |
| 6-2-2020 2:08:00 | George | Mit | Electrical | 6 | sebattiseban2@gmail.com | 9447769092 | Introduction to MATLAB |
| 6-2-2020 10:42:00 | Anaida Babu M | Jyothi Engineering college,C | Computer scie | 2 | anaida.cse19@jecc.ac.in | 9495048656 | Introduction to MATLAB |
| 6-2-2020 10:43:26 | SOBHA XAVIER P | | | | sobhaxavier@jecc.ac.in | 9961635525 | Introduction to MATLAB |
| 6-2-2020 11:03:22 | Mansoor | Jyothi | EEE | 6 | mansoor.ee17@jecc.ac.in | 9605165325 | Introduction to MATLAB |
| 6-2-2020 12:01:24 | Sneha J P | Jyothi engineering college | EEE | 6 | sneha.ee17@jecc.ac.in | 8921855283 | Introduction to MATLAB |
| 6-2-2020 12:09:55 | Divya K | | | | divyak@stthomaskannur.ac.in | 9496747077 | Introduction to MATLAB |
| 6-2-2020 12:36:54 | Anitta Savy | Jyothi Engineering College C | EEE | 6 | anitta.ee17@jecc.ac.in | 9188036717 | Introduction to MATLAB |
| 6-2-2020 12:44:13 | Chandralekha M | RNSIT, Bangalore | Electrical and | 8 | chandralekha85@gmail.com | 9482545019 | Introduction to MATLAB |
| 6-2-2020 13:19:19 | Vincy Verghese | | | | vincyverghese@jecc.ac.in | 08848838718 | Introduction to MATLAB |
| 6-2-2020 13:20:58 | Carol Varghese | | | | carolv@jecc.ac.in | 9567854622 | Introduction to MATLAB |
| 6-2-2020 13:21:16 | anju | | | | Anju.ud165@gmail.com | 0544317378 | Introduction to MATLAB |
| 6-2-2020 13:23:05 | S.Muthulakshmi | Paavai engineering college | Electronics ar | 8 | mskss25102000@gmail.com | 9159417210 | Introduction to MATLAB |
| 6-2-2020 13:35:38 | S.Surya | Paavai engineering college | Electrical and | 6 | suryasugirtharaj@gmail.com | 9597646506 | Introduction to MATLAB |
| 6-2-2020 13:39:59 | S.Silpa | Paavai engineering college | Electrical and | 6 | silpasugirtharaj@gmail.com | 9597646506 | Introduction to MATLAB |
| 6-2-2020 13:56:44 | Ansa | NSS palakkad | Civil | 4 | ansakp42@gmail.com | 9446557908 | Introduction to MATLAB |
| 6-2-2020 13:59:04 | Avin K V | Jyothi Engineering College | ECE | 8 | michelavin98@gmail.com | 7558080278 | Introduction to MATLAB |
| 6-2-2020 14:03:40 | vinay surendran | | | | vinaysurendran@gmail.com | 9449353633 | Introduction to MATLAB |
| 6-2-2020 14:11:25 | Prajoon P | | | | prajoonp@jecc.ac.in | +919496355455 | Introduction to MATLAB |
| 6-2-2020 14:13:24 | AKSHAYA S L | NSSCE | CIVIL (M. Tec | 4 | slakshaya95@gmail.com | 9496122904 | Introduction to MATLAB |
| 6-2-2020 16:16:09 | SHALINI M P | NSS COLLEGE OF ENGINE | CIVIL ENGINI | 4 | shalininair020@gmail.com | 9961480353 | Introduction to MATLAB |
| 6-3-2020 12:27:59 | ATHIRA B KAIMAL | | | | prof.athira@gmail.com | 9605030708 | Introduction to MATLAB |

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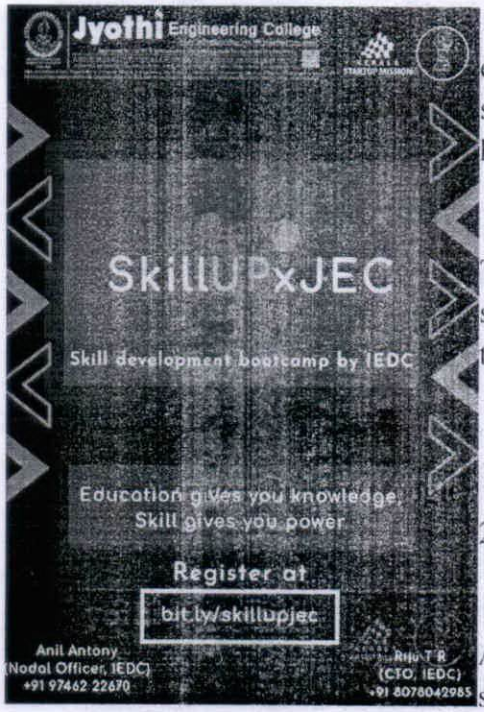
Cheruthuruthy P.O. 679 531

# SkillUPxJEC

**Venue : Online (Google Meet )** **Date: 01.06.2020 – 01.07.2020**




SkillUPxJEC is bootcamp initiated by IEDC of Jyothi engineering college. It was mainly intended to develop new skills and reduce the stresses of students in the covid-19 hard times.

This was mainly conducted for mainly develop technical skill with freelancing opportunities for students. There were two skills included in the bootcamp.

1. Machine Learning using TensorFlow
2. Front End Development

Around 100 students were registered for the program and 10 students actively completed and certified from us.

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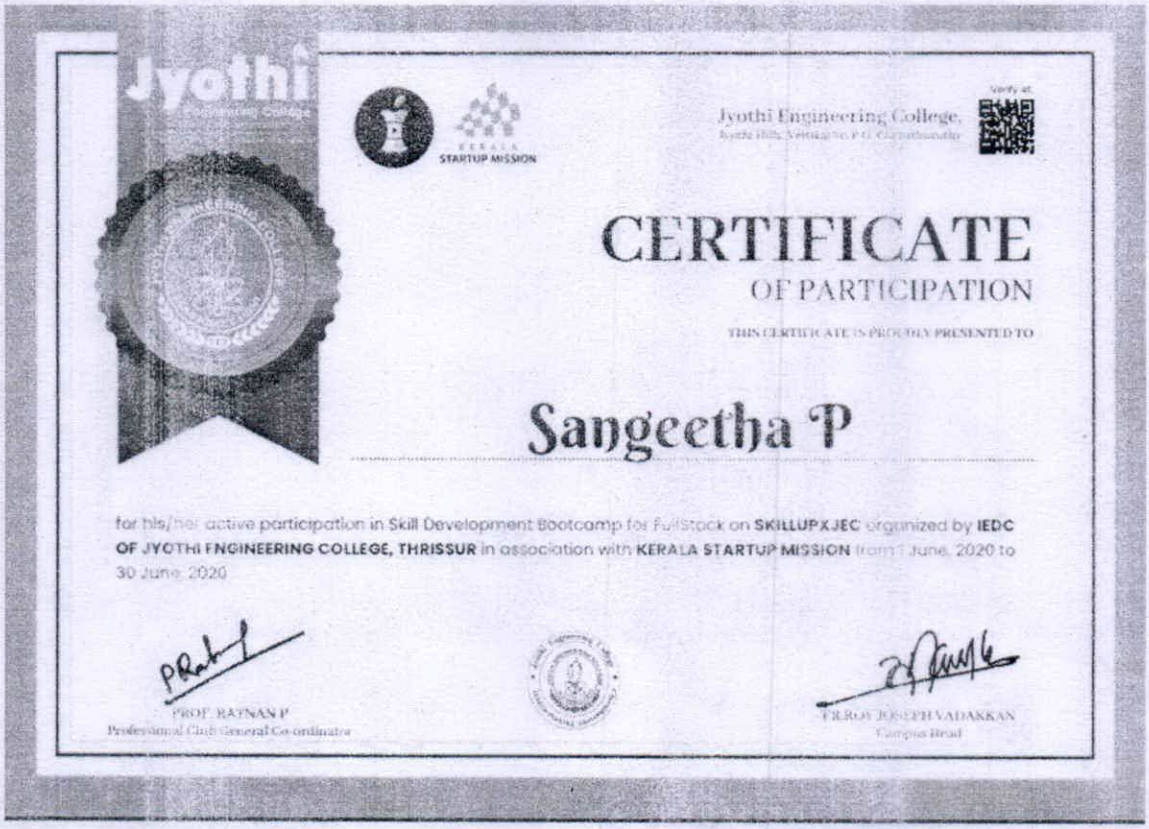


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## WEBINAR ON "FUTURE ON MACHINE LEARNING"

**Venue : Google Meet** **Date : 01.06.2020**

Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Ms. Nikita Gandi**, *Community Manager, Google India*. This program was mainly covered future career aspects.

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Cheruthuthy P.O.- 679 531

# WEBINAR ON "MACHINE LEARNING"

**Venue : Google Meet** **Date: 29.05.2020**

Conducted a Webinar as a part of SkillUPxJEC in association with ICT academy kerala. Session delivered by **Ms. Gauri Balachandran**, *Knowledge officer, ICT academy.* This program was mainly covered basics of machine learning.

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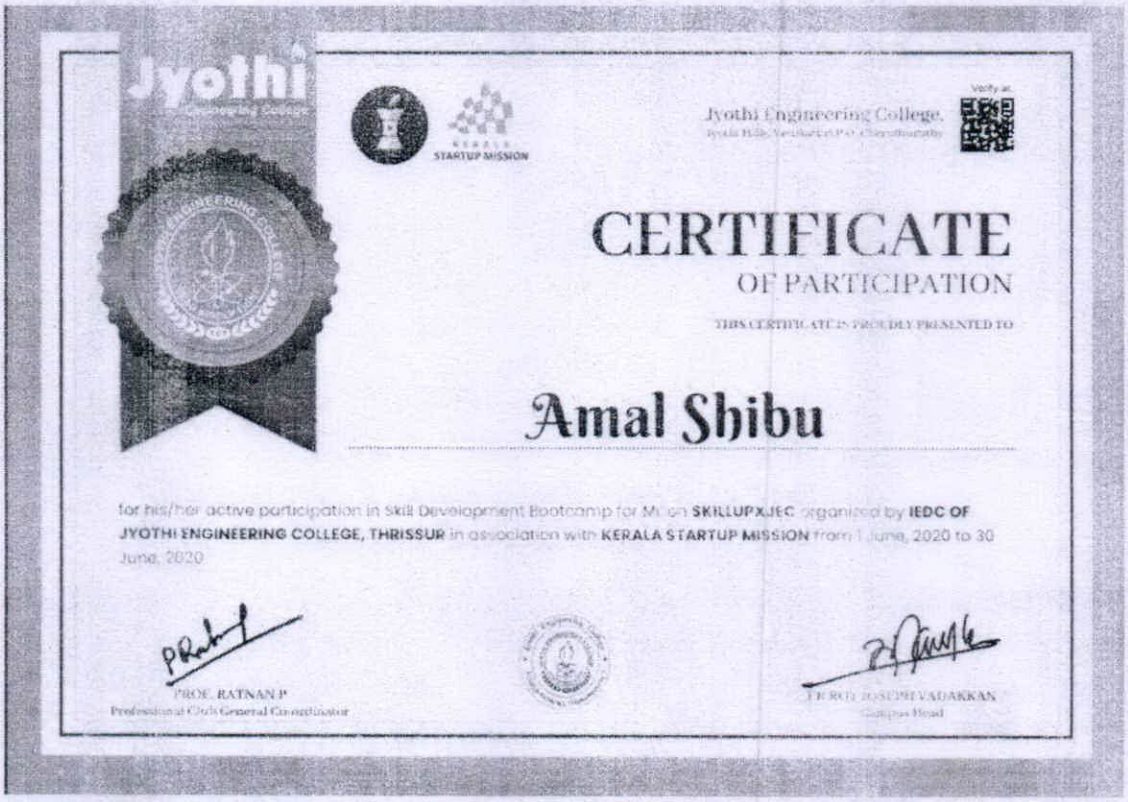


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## PCB Design and Simulation


# Jyothi Engineering College

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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.


JYOTHI ENGINEERING COLLEGE

IEEE - IAS PRESENTS

# WEBINAR ON

# PCB DESIGN AND SIMULATION

**SESSION WILL BE HANDLED BY**

**Mr. JINESH K J – AP MR**

**Register at:**
shorturl.at/BCFM

**19th MAY 2020**
**11 AM**
**DURATION : 1 hr**

**JITHIN K. JOSE – AP EEE**
**8547156458**

**JINESH K J – AP MR**
**9400086378**

**MANSOOR – S6 EEE**
**9605165325**

IAS IEEE INDUSTRY APPLICATIONS SOCIETY — Linking Research to Practice

IEEE — Advancing Technology for Humanity

- A webinar was held on ***"PCB Design and Simulation"***, by assistant professor **Mr. Jinesh K J**, Jyothi Engineering College
- The session was made open to participants both from and outside our college. It began at 11 AM and was attended by 24 students.
- The program was mainly focused to make the students do the needed designs of their circuits.
- The webinar also focused on the simulation of three simple circuits and the fundamental provisions available in Proteus were made familiar.

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PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O...

| Timestamp | Name | Name of College/Schc | Branch | Sem | Email Address | Mobile No | Course | Category | Reason for joining ir |
|---|---|---|---|---|---|---|---|---|---|
| 5-18-2020 10:40:31 | Avin K V | Jyothi Engineering Coll | ECE | 8 | avin.ec16@jecc.ac.in | 7558080278 | Simulation & PCB Designing | Student | Interested to know ab |
| 5-18-2020 10:42:06 | Amritha Ashok | Jyothi Engineering Coll | EEE | 6 | amritha.ee17@jecc.ac.in | 7356382025 | Simulation & PCB Designing | Student | On interest |
| 5-18-2020 11:25:17 | Rahul S S | Jyothi Engineering Coll | EEE | 4 | rahul.ee18@jecc.ac.in | 9446635728 | Simulation & PCB Designing | Student | To simulate circuits th |
| 5-18-2020 11:45:01 | MANSOOR | Jyothi Engineering Coll | EEE | 6 | mansoor.ee17@jecc.ac.in | 9605165325 | Simulation & PCB Designing | Student | Info |
| 5-18-2020 11:47:41 | SAHAL K H | JYOTHI ENGINEERINC | EEE | 6 | sahal.ee17@jecc.ac.in | 9497581951 | Simulation & PCB Designing | Student | I want to study pcb sir |
| 5-18-2020 12:08:49 | Alen Mathews | Jyothi engineering colle | EEE | 6 | alenmathews29@gmail.com | 6238620330 | Simulation & PCB Designing | Student | To waste my horrible t |
| 5-18-2020 13:02:19 | Sreerag Vinoth | Jyothi Engineering Coll | Mechanic | 6 | sreeragvinod1999@gmail.com | 8848264677 | Simulation & PCB Designing | Student | Interested |
| 5-18-2020 13:07:45 | Anitta Savy | Jyothi Engineering Coll | EEE | 6 | anitta.ee17@jecc.ac.in | 9188036717 | Simulation & PCB Designing | Student | To get a basic knowle |
| 5-18-2020 14:37:29 | Sneha J P | Jyothi Engineering Coll | EEE | 6 | sneha.ee17@jecc.ac.in | 8921855283 | Simulation & PCB Designing | Student | For a basic knowledge |
| 5-18-2020 17:14:30 | Aswin | Jyothi engineering colla | mechanic | 6 | paswin.me17@jecc.ac.in | 8075455682 | Simulation & PCB Designing | Student | Learn new things |
| 5-18-2020 18:55:36 | S REGHURAJ | Jyothi engineering colle | Mechatro | 2 | sreghuraj.mc19@jecc.ac.in | 7012164522 | Simulation & PCB Designing | Student | Interested on PCB des |
| 5-18-2020 18:59:22 | NEERAJ P R | Jyothi Engineering Coll | EEE | 6 | neeraj.ee17@jecc.ac.in | 9447813863 | Simulation & PCB Designing | Student | Know the PCB design |
| 5-18-2020 19:31:34 | Ashwini Nambo | Jyothi Engineering Coll | ECE | 6 | ashwini.ec17@jecc.ac.in | 9947470957 | Simulation & PCB Designing | Student | To know more about tl |
| 5-18-2020 19:45:24 | Amal Shibu | Jyothi Engineering colle | CSE | 2 | amalshibusocial@gmail.com | 9539774533 | Simulation & PCB Designing | Student | To get an insight abou |
| 5-18-2020 19:52:25 | Jeena Jose | Jyothi engineering colle | ECE | 6 | jeenaj469@gmail.com | 8301824304 | Simulation & PCB Designing | Student | To get knowledge abo |
| 5-18-2020 22:37:09 | Anna Jose | CHRIST college of engi | Electronic | 2 | janna4623@gmail.com | 8547330674 | Simulation & PCB Designing | Student | To get knowledge abo |
| 5-18-2020 22:39:22 | Anna Jose | CHRIST college of engi | Electronic | 2 | janna4623@gmail.com | 8547330674 | Simulation & PCB Designing | Student | To get knowledge abo |
| 5-19-2020 3:16:40 | Rinas fathima | Jyothi engineering colle | Ece | 6 | rinas.ec17@jecc.ac.in | 9747401303 | Simulation & PCB Designing | Student | Needed |
| 5-19-2020 4:39:41 | Sourav | Jyothi Engineering Coll | EEE | 4 | souravraveendran@gmail.com | 7356558565 | Simulation & PCB Designing | Student | Interesting |
| 5-19-2020 8:38:21 | Chriswin Lingso | Jyothi Engineering Coll | Electronic | 2 | chriswin3301g@gmail.com | 9400440336 | Simulation & PCB Designing | Student | I am interested in it |

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## *Introduction to Python*


**Jyothi Engineering College**

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JYOTHI ENGINEERING COLLEGE

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# WEBINAR ON

# INTRODUCTION TO PYTHON

**SESSION WILL BE HANDLED BY**

**Mr. Dany Varghese**
**Post Graduate Research Student**
**University Of surrey**
**United Kingdom**

**17th MAY 2020**
**3 PM**
**DURATION : 1 hr**

**Register at:**
shorturl.at/BCFMT

IAS IEEE INDUSTRY APPLICATIONS SOCIETY Linking Research to Practice

IEEE Advancing Technology for Humanity

**Mr. JITHIN** 8547156458 **Mr. JINESH** 9400086378 **MANSOOR** 9605165325

- A webinar was conducted on "***Introduction to Python***".The session was handled by **Mr. Dany Varghese**,who is a Post Graduate Research Student at the **University of Surrey,UK**
- The session began at 3 PM and 39 participants were there.
- The session was held in such a manner that the students could run the program simultaneously using colab. It explained how Python is a simple programming language that provides datatypes like list, with the help of a number of programs.

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Jyothi Engineering College
Cheruthuruthy P.O.-679 531

| Timestamp | Name | Name of College/S | Branch | Sem | Email Address | Mobile No | Course |
|---|---|---|---|---|---|---|---|
| 5-16-2020 10:21:54 | AISWARYA H | JEC19CS009 | CS | 2 | aiswarya.cse19@jecc.ac.in | 7902915385 | Introduction to Python |
| 5-16-2020 12:01:44 | Alen Mathew | JEC17EE005 | EEE | 6 | alen.ee17@jecc.ac.in | 6238620330 | Introduction to Python |
| 5-16-2020 12:05:13 | SAHAL K H | JEC17EE036 | EEE | 6 | sahal.ee17@jecc.ac.in | 9497581951 | Introduction to Python |
| 5-16-2020 12:05:59 | K U MANSOO | JEC17EE025 | EEE | 6 | mansoor.ee17@jecc.ac.in | 9605165325 | Introduction to Python |
| 5-16-2020 12:14:52 | ANU ANTO | JEC17EE012 | EEE | 6 | anu.ee17@jecc.ac.in | 9847947036 | Introduction to Python |
| 5-16-2020 12:26:56 | Sandra S | JEC17EE037 | EEE | 6 | sandra.ee17@jecc.ac.in | 9847011757 | Introduction to Python |
| 5-16-2020 12:46:00 | KIRANRAJ L | JEC17EE024 | EEE | 6 | kiranraj.ee17@jecc.ac.in | 8078271448 | Introduction to Python |
| 5-16-2020 13:11:29 | Shilpa Sivad | JEC17CS093 | CS | 6 | shilpa.cs17@jecc.ac.in | 9447415671 | Introduction to Python |
| 5-16-2020 13:16:44 | Naveen P R | JEC17CS073 | CS | 6 | naveen.cs17@jecc.ac.in | 8606644082 | Introduction to Python |
| 5-16-2020 13:59:22 | Megha Moha | JEC17EE029 | EEE | 6 | megha.ee17@jecc.ac.in | 9400315869 | Introduction to Python |
| 5-16-2020 14:00:39 | MeghaMohar | JEC17EE029 | EEE | 6 | megha.ee17@jecc.ac.in | 9400315869 | Introduction to Python |
| 5-16-2020 14:14:30 | Jothis R Daa | JEC18MC022 | MR | 4 | jothis.mr18@jecc.ac.in | 7034516551 | Introduction to Python |
| 5-16-2020 14:21:24 | Anitta Savy | JEC17EE008 | EEE | 6 | anitta.ee17@jecc.ac.in | 9188036717 | Introduction to Python |
| 5-16-2020 14:30:41 | Alen Mathew | JEC17EE005 | EEE | 6 | alen.ee17@jecc.ac.in | 6238620330 | Introduction to Python |
| 5-16-2020 14:40:08 | Hensa Merin | JEC17EE019 | EEE | 6 | hensa.ee17@jecc.ac.in | 7909180268 | Introduction to Python |
| 5-16-2020 14:40:54 | Megha moha | JEC17EE029 | EEE | 6 | megha.ee17@jecc.ac.in | 9400315869 | Introduction to Python |
| 5-16-2020 14:58:14 | Sumayya SA | JEC17EE041 | EEE | 6 | sumayya.ee17@jecc.ac.in | 9747614042 | Introduction to Python |
| 5-16-2020 15:11:32 | Dheeraj P M | JEC17EE018 | EEE | 6 | dheeraj.ee17@jecc.ac.in | 9446293849 | Introduction to Python |
| 5-16-2020 15:16:32 | ANN TEREZ | JEC18CS020 | CS | 4 | ann.cs18@jecc.ac.in | 9495464711 | Introduction to Python |
| 5-16-2020 15:37:16 | A Krishnapra | JEC19CS012 | CS | 2 | akrishnaprasad.cse19@jec | 9961652866 | Introduction to Python |
| 5-16-2020 16:11:13 | Sneha J P | JEC17EE040 | EEE | 6 | sneha.ee17@jecc.ac.in | 8921855283 | Introduction to Python |
| 5-16-2020 16:51:53 | Rahul S S | JEC18EE022 | EEE | 4 | rahul.ee18@jecc.ac.in | 9446635728 | Introduction to Python |
| 5-16-2020 16:52:10 | Amal Unnikri | JEC16EC009 | ECE | 8 | amal.ec16@jecc.ac.in | 9400986436 | Introduction to Python |
| 5-16-2020 17:47:37 | S REGHURA | JEC19MC042 | MR | 2 | sreghuraj.mc19@jecc.ac.in | 7012164522 | Introduction to Python |
| 5-16-2020 18:07:47 | MANEESH M | Jec17ee028 | EEE | 6 | maneesh.ee17@jecc.ac.in | 8113840299 | Introduction to Python |
| 5-16-2020 18:35:03 | Aswin | JEC17ME088 | ME | 6 | paswin.me17@jecc.ac.in | 8075455682 | Introduction to Python |
| 5-16-2020 19:09:57 | Reshma r | Jec17cs081 | CS | 6 | reshma.cs17@jecc.ac.in | 9074052383 | Introduction to Python |
| 5-16-2020 19:26:27 | ANN TEREZ | JEC18CS020 | CS | 4 | ann.cs18@jecc.ac.in | 9495464711 | Introduction to Python |
| 5-16-2020 19:40:01 | Amritha Ashc | JEC17EE007 | EEE | 6 | amritha.ee17@jecc.ac.in | 7356382025 | Introduction to Python |
| 5-16-2020 19:48:23 | Rahul E K | JEC17EE032 | EEE | 6 | rahulek.ee17@jecc.ac.in | 9400109069 | Introduction to Python |
| 5-16-2020 19:54:19 | Sourav | JEC18EE027 | EEE | 4 | sourav.ee18@jecc.ac.in | 7356558565 | Introduction to Python |
| 5-16-2020 19:56:42 | Rohini K R | JEC16CS097 | CS | 8 | rohini.cs16@jecc.ac.in | 6238771384 | Introduction to Python |
| 5-16-2020 19:56:50 | Rohini K R | JEC16CS097 | CS | 8 | rohini.cs16@jecc.ac.in | 6238771384 | Introduction to Python |
| 5-16-2020 20:26:11 | Govind | 11813013 | EEE | 4 | govind.ee18@jecc.ac.in | 6282617765 | Introduction to Python |
| 5-16-2020 21:19:52 | AKSHARA C | 11912013 | CS | 2 | akshara.cse19@jecc.ac.in | 8078381240 | Introduction to Python |
| 5-16-2020 21:21:24 | AKSHARA C | 11912013 | CS | 2 | akshara.cse19@jecc.ac.in | 8078381240 | Introduction to Python |
| 5-16-2020 21:26:36 | NEERAJ P R | JEC17EE031 | EEE | 6 | neeraj.ee17@jecc.ac.in | 9447813863 | Introduction to Python |
| 5-16-2020 22:46:58 | Nisam | JEC18EE020 | EEE | 4 | nisam.ee18@jecc.ac.in | 9656368226 | Introduction to Python |
| 5-17-2020 7:28:31 | Rohith T | JEC19CS079 | CS | 2 | rohith.cse19@jecc.ac.in | 7902432820 | Introduction to Python |
| 5-17-2020 11:19:16 | Sreelakshmi | Jec16ec091 | ECE | 8 | sreelakshmi.ec16@jecc.ac | 7594094676 | Introduction to Python |
| 5-17-2020 12:52:09 | Avin K V | JEC16EC022 | ECE | 8 | avin.ec16@jecc.ac.in | 7558080278 | Introduction to Python |
| 5-17-2020 13:08:49 | Karthika Vija | JEC16EC048 | ECE | 8 | avin.ec16@jecc.ac.in | 8078706860 | Introduction to Python |
| 5-17-2020 13:17:49 | Sreerag Vino | JEC17ME110 | ME | 6 | sreeragvinoth.me17@jecc. | 8848264677 | Introduction to Python |
| 5-17-2020 14:07:13 | Aveena K V | Vas17ec038 | ECE | 6 | avin.ec16@jecc.ac.in | 6282438121 | Introduction to Python |
| 5-17-2020 14:47:43 | RIJU T R | JEC17MC028 | MR | 6 | riju.mc17@jecc.ac.in | 8078042985 | Introduction to Python |

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Jyothi Engineering College

To

17-02-2020

Principal

JECC

Jyothi Engineering College

Respected Sir,

Sub : Pre- Tharang-2020 workshop-Make a Bot in a day training reg

CSE department would like to conduct a workshop "Make a Bot in a day" by ICT Academy of Kerala on 29th February 2020 in connection with Tharang-2020, in association with CESA and CSI Jyothi chapter. Experts in the field of RPA(Robotics Process Automation) from ICT Academy of Kerala will be handling the workshop. I request you to grant permission for the same.

Details of program:

**Workshop title** – "Make a Bot in a day" By ICT Academy Kerala (on Robotics Process automation with UiPath)

**Eligible Participants**: Students from any Engineering Stream. First 35 registrants will be admitted for the workshop

**Expenses Expected**

| Sl No | Description | Amount | Details |
|---|---|---|---|
| 1 | Course Fee | Rs 11900 | Including GST |
| 2 | Notepad and pen | Rs 875 | For 35 participants |
| | Total | Rs 12775 | |

**Sources of Income :**

| Sl No | Description | Amount | Details |
|---|---|---|---|
| 1 | Professional body Fund | Rs 10000 | |
| 2 | From Registration Fee | Rs 8500 (Expected) | Rs. 300 for external participants and Rs. 200 for internal Participants |
| | Total | Rs 18500 | |

Thanking you,

Bineesh M

(Tharang CSE Department co-ordinator)

Unnikrishnan P

(Tharang CSE- Workshop coordinator)

HOD

CSE Dept

Forwarded to the Principal - 17/02/2020

Approved

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Ph.D (Computer Science), Ph.D (Maths)
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Jyothi Engineering College
Cheruthuthy P.O.- 679 531

# Budget - Pre Tharang-2020 workshop-"Make a Bot in a day"

**Details of program:**

**Workshop title** - "Make a Bot in a day" by ICT Academy Kerala (on Robotics Process automation with UiPath

**Date** : 29-02-2020

**Venue** : Insight Hall(tentative - subject to approval from college authorities)

**Expenses** (Expected)

| Sl No | Description | Amount | Details |
|---|---|---|---|
| 1 | Course Fee | Rs 11900 | Including GST |
| 2 | Insight hall rent | Rs 2500 | For one day |
| 3 | Notepad and pen | Rs 525 | For 35 participants |
| 4 | Lunch and Refreshments | Rs 3500 | For Participants and Two trainers |
| | Total | Rs 18425 | |

**Income** (Expected)

| Sl No | Description | Amount | Details |
|---|---|---|---|
| 1 | Professional body Fund | Rs 10000 | |
| 2 | From Registration Fee | Rs 8500 (Expected) | Rs. 300 for external participants and Rs. 200 for internal Participants |
| | Total | Rs 18500 | |

Bineesh M

(Tharang CSE Department co-ordinator)

Unnikrishnan P

(Tharang CSE- Workshop coordinator)

- Budget approved

R.RVN.

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# BOT IN A DAY

In connection with the Annual Tech fest of our college THARANG 2020, the Computer Science Department in association with CSI and CESA organized a one day workshop on the topic Robotic Process Automation "BOT IN A DAY" on the 29th of February 2020. This workshop aimed to create software robots to free humans from the repetitive tasks by replacing them with a virtual work space. There were 32 participants in total to attend the workshop out of which 2 were from Ma 'din Polytechnic, Malappuram and the remaining participants were from our college.

The workshop had begun by 9.30 am with an official ceremony in which our principal, Rev Fr Jaison Paul Mullerickal CMI, our Director of Academics, Rev Fr Jose Kannampuzha and our Hod, Rev Fr A K George had taken part and addressed the gathering. It marked a very good start for the workshop. The relevance and the future scopes regarding the topic of the workshop were discussed. After the official function the sessions were started. We had two faculties from the ICT Academy of Kerala to handle the sessions.

During the session, the students were taught about the platform named UiPath, a software to create bots. Initially the participants were given an idea on the importance and the application of this software. Later they had hands on sessions to make a bot using the software UiPath. Different demonstrations and practice sessions were given to the participants. The faculties also made sure that the participants were able to use the software with ease. The students cleared theirs doubts and actively participated in the workshop.

By the end of the afternoon session, all the participants succeeded in making the software bot within a day. Thus the objective of the workshop was completely achieved with the whole hearted and sincere participation of the students and the faculties. Towards the end we had an interactive session with the trainers and there were many students asking queries about the job opportunities in this field.

At the end we had a valedictory ceremony which was held in the presence of the staff coordinators, Mr Unnikrishnan P and Mr Bineesh M. Three of the participants shared their feedback and we came to know that they were satisfied and had a good experience. The workshop came to an end by 4 pm.

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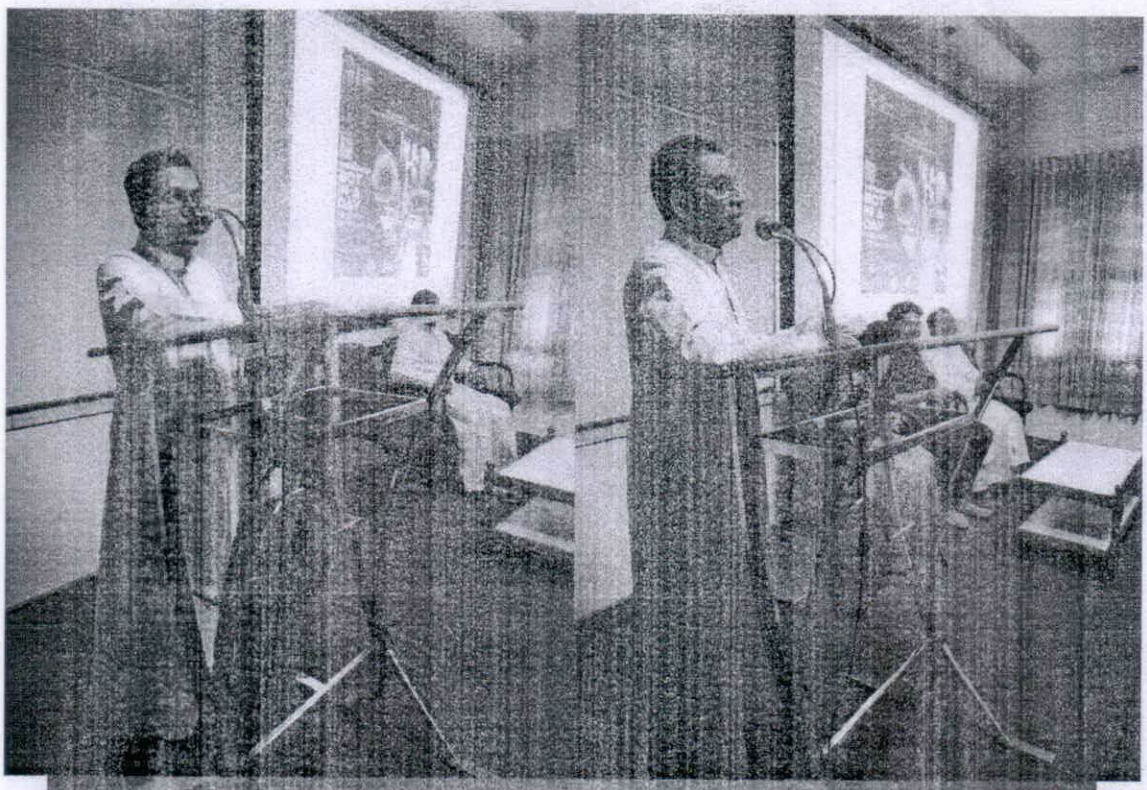

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Jyothi Engineering College
NAAC Accredited College with NBA Accredited Programmes*
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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777
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# BOT IN A DAY

## One Day Workshop Organized by CSI in association with CESA

### Attendance sheet

| SL | NAME | SEM | COLLEGE | FN | AN |
|---|---|---|---|---|---|
| 1 | Pranav | S2 | JEC | | |
| 2 | Aashish Joseph George | S2 | JEC | | |
| 3 | Ajeeb P.A | S2 | JEC | | |
| 4 | Nidhin Saji | S2 | JEC | | |
| 5 | Amal Shibu | S2 | JEC | | |
| 6 | Alex Mathai | S2 | JEC | | |
| 7 | Alan Shaju | S2 | JEC | | |
| 8 | Abin Anto | S2 | JEC | | |
| 9 | Jeswin Jojy | S4 | JEC | | |
| 10 | Rishikesh v | S4 | JEC | | |
| 11 | Vani Prakashan Choyyan | S4 | JEC | | |
| 12 | Nair Midhun Ramachandran | S4 | JEC | | |
| 13 | Archana s | S6 | JEC | | |
| 14 | YASHIF V S | S6 | JEC | | |
| 15 | Hima T | S6 | JEC | | |

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| | | | | | |
|---|---|---|---|---|---|
| 16 | Jasmine shaj | S6 | JEC | Jasmine | Jasmine |
| 17 | Amala K S | S6 | JEC | | |
| 18 | Ajin N D | S6 | JEC | | |
| 19 | Anakha k r | S6 | JEC | | |
| 20 | Ajith sankar | S6 | JEC | | |
| 21 | Sreerag R Nandan | S6 | JEC | | |
| 22 | Muhammed Raneesh C M | S6 | JEC | | |
| 23 | M P Adithya Vijayan | S6 | JEC | | |
| 24 | A Krishnaprasad | S6 S2 | JEC | | |
| 25 | Mohammed Marwan | S6 | Ma'din polytechnic | | |
| 26 | Shamil pv | S6 | Ma'din polytechnic | | |
| 27 | Vishnu V J | S6 | JEC | | |
| 28 | Sreehari | S6 | JEC | | |
| 29 | Saurav | S6 | JEC | | |
| 30 | Arnold Manuel | S6 | JEC | | |
| 31 | Akhil M.R | S6 | JEC | | |
| 32 | Deepak K.V | S6 | JEC | | |
| | | | | | |
| | | | | | |

# JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY

## NOTICE

### ICTAK Techathlon-2020

ICT Academy of Kerala is organizing regional round of ICTAK Techathlon-2020, National Level Technical Fest in association with Jyothi Engineering college. Two teams participate the event representing Jyothi Engineering College

Venue: Jyothi Engineering College,Cheruthuruthy.

Date : January 29,2020

IEDC, Jyothi Engineering College

Posted by Office on 28-01-2020 3:31 PM

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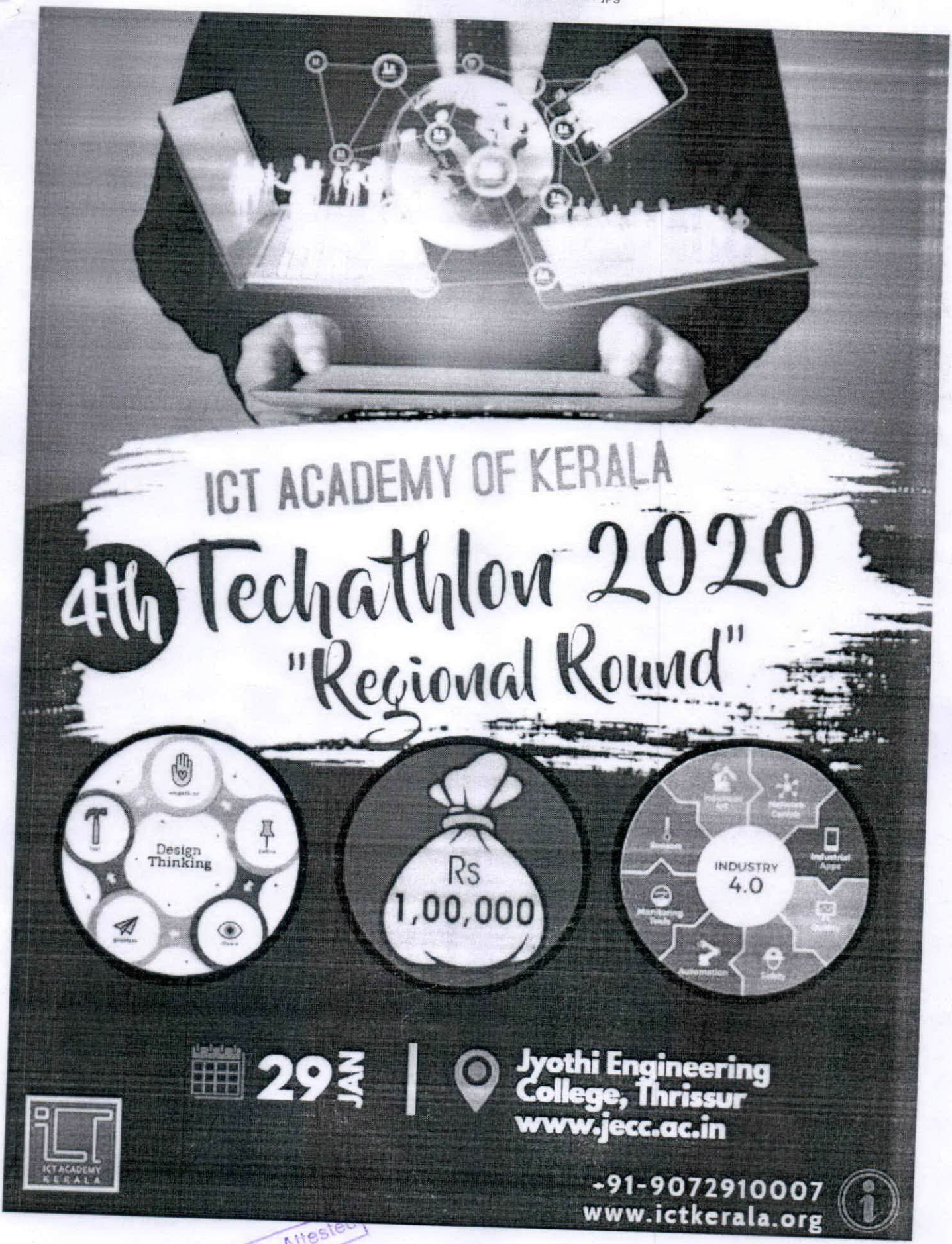
Cheruthuruthy P.O.- 679 531

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PRINCIPAL

## Report reg- " Regional Round of ICTAK Techathlon-2020" by ICT Academy

Date: 29- 01- 2020
Venue: Jyothi Engineering College

ICT Academy of Kerala organized regional round of ICTAK Techathlon-2020, National Level Technical Fest in association with Jyothi Engineering college on 29 January ,2020. **ICTAK Techathlon** is a National Level Technical Fest organized by ICT Academy of Kerala every year. Techathlon is a unique technical contest designed in line with employability skills assessments conducted by Global Organizations. This is an event open to all the undergraduate, graduate and post graduate students across the country where the participants can exhibit and depict their creativity, problem solving, collaboration, and communication and prototyping skills. The participants will have to identify a real-life problem from their surroundings/locality and submit a proposal that clearly define the problem and describe the probable solution for the problem. There will be contests that test various skills of the participants. The aim of regional round is to select teams for final round of Techathlon-2020, which is scheduled on 7,6 February,2020. 14 teams participated Techathlon representing different colleges. Two teams from Jyothi Engineering College got selected for the regional round of ICTAK Techathlon-2020.

Campus Head of Jyothi Engineering College Fr. Roy Joseph Vadakkan, Academic Director Fr. Dr. Jose Kannampuzha and Dr. Sreekanth from ICT Academy addressed the students before starting Evaluation process. Campus Head Fr. Roy Joseph Vadakkan preached participants of the importance of Technical fest like Techathlon and the importance of being part of such events. Fr.Dr. Jose Kannampuzha talked about of the level of awareness needed for Engineering students today and the importance of technical fest like Techathlon to increase the awareness. They wished success for all the participants. Jyothi Engineering College provided computer center Lab(CC2) ,Decennial hall for the smooth conduct of the evaluation.

ICT academy of Kerala acknowledged their gratitude for the support offered by Jyothi Engineering college management toward the event.

Two teams participated the regional round of Techathlon representing Jyothi Engineering college got selected for the final round of Techathlon.

Unnikrishnan P
Assistant Professor,CSE Department
(ICT Academy Knowledge officer, JECC)

05-02-2020

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# TECHATHLON 2020

## Team List - Regional Round @Jyothi Engg College

| Project ID | Team Name | Name of Team Leader | Name of the Institution | STATUS |
|---|---|---|---|---|
| TECH_001 | Unparalyse | Divya vinayan | Sahrdaya college of engineering and technology | Qualified |
| TECH_002 | AGR-E | ERFAN MUHAMMED C.K | VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY | Qualified |
| TECH_007 | Bhodhi | Jeena varghese | Jyothi engineering college | Qualified |
| TECH_010 | Zigma | Shahana Beegam S | Government Engineering College Thrissur | Qualified |
| TECH_012 | Squadron | Kavya R Nair | Saintgits College of Engineering | Qualified |
| TECH_015 | Technocrates | Advaith prathap | SCMS COLLEGE OF POLYTECHNICS | Qualified |
| TECH_031 | AAAG | GANGA ANIL | AMAL JYOTHI COLLEGE OF ENGINEERING | Qualified |
| TECH_033 | Innovers | Mohammed Aslam | Government Engineering College, Thrissur | Qualified |
| TECH_035 | Ender | Vinay | Rajagiri School of Engineering & Technology | Qualified |
| TECH_036 | Team Fabricators | Ajay Baby | Federal Institute of science and Technology(FISAT) | Qualified |
| TECH_037 | VANGUARDS | JOSEPH P.K | JYOTHI ENGINEERING COLLEGE | Qualified |
| TECH_038 | Daksha | Midhun Raj | Government Polytechnic College, Kothamangalam | Qualified |
| TECH_039 | IRIS | Alex Jolly | Federal Institute of science and Technology(FISAT) | Qualified |
| TECH_048 | Phoenix | Amal krishna | Government polytechnic college meenangadi | Qualified |
| TECH_053 | Encore | N Ananthakrishnan Potti | Adi Shankara Institute of Engineering and Technology | Qualified |
| TECH_054 | VCREATE | Aalap P Joshy | Adi Shankara Institute of Engineering and Technology | Qualified |
| TECH_055 | AZTECS | Vishnu Prasad K C | Government polytechnic college meenangadi | Qualified |
| TECH_063 | INERTIA | ANAND P S | Government polytechnic college meenangadi | Qualified |
| TECH_066 | F4FAB | MALAVIKA J | Adi Shankara Institute of Engineering and Technology | Qualified |
| TECH_075 | Barbarianz | ABHIJITH JOSE | Government polytechnic college meenangadi | Qualified |
| TECH_076 | INSIGHT | Danwand N S | College of Applied Science, Thamarassery | Qualified |
| TECH_079 | Doc block | Anmary Jiju K | Christ College of Engineering, Irinjalakuda | Qualified |
| TECH_080 | Fuzz logic | Drishya E S | Government Engineering College, Kozhikode | Qualified |
| TECH_082 | POSEIDON | GIJO GEORGE NETTICADAN | SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY | Qualified |
| TECH_093 | Oa | Amal Prakash | Adi Shankara Institute of Engineering and Technology | Qualified |

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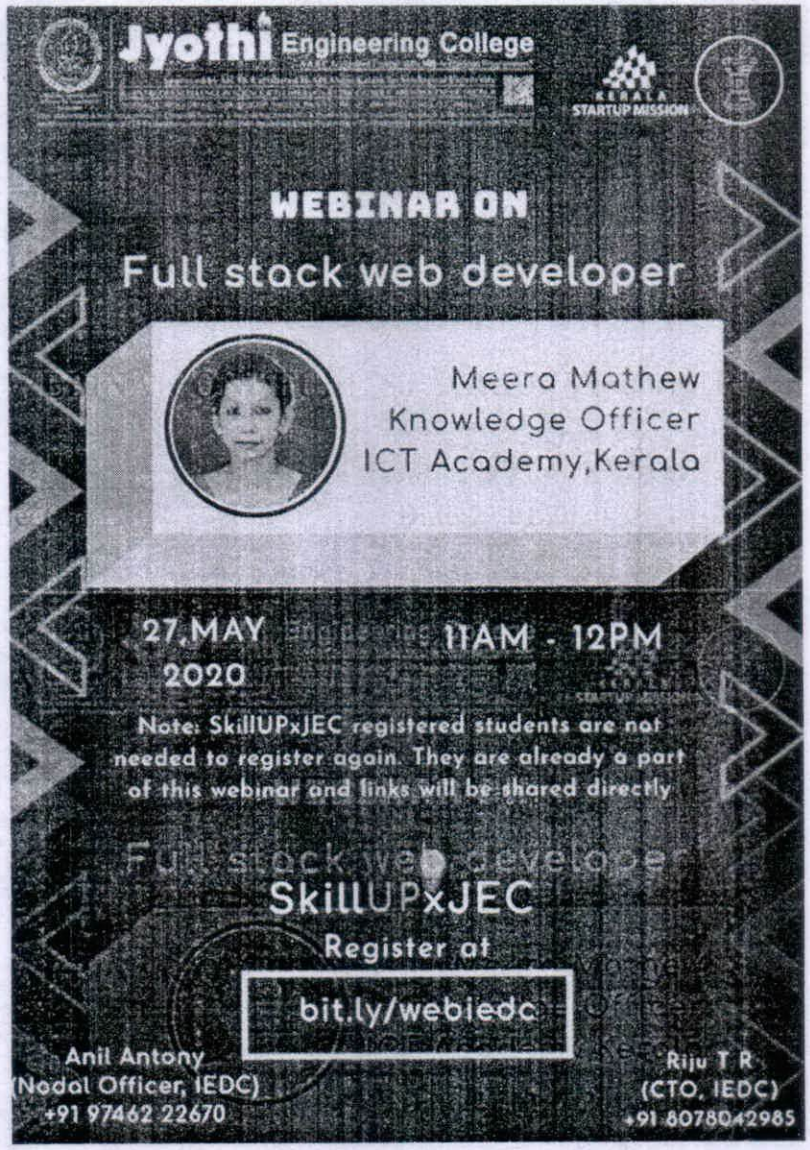
# WEBINAR ON "FULL STACK DEVELOPER"

**Venue : Google Meet** **Date:27.01.2020**




Conducted a Webinar as a part of SkillUPxJEC in association with ICT academy kerala. Session delivered by Ms. Meera Mathew, Knowledge officer, ICT academy. This programe was mainly covered opportunities, freelancing,etc about full stack developer.

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# GOOGLE EXPLORE ML

**Venue : Decennial Hall** **Date: 24.01.2020**

Learn with
Google AI | Explore ML

To,
Fr.Dr.Jaison Paul Mulerikkal CMI
Principal Jyothi Engineering College, Cheruthuruthy, Thrissur,

Subject - Request to allow the students to conduct workshops for Google's Explore ML Program

We are glad to accept SREERAG R NANDAN for Google's Explore Machine Learning Program. The **Explore ML Program** is designed for machine learning enthusiasts to learn ML in a fun way through videos, exercises and demos. During this program, students will learn, share, brainstorm and build on ideas together. This course will be staged with 3 different levels of difficulty: Beginner, Intermediate and Advanced level tracks.

**With this document, we would request you to allow the student to host workshops for your campus associating with IEDC and CSI on 28/Aug/2019.**

Thanking you in anticipation.

Best regards,

Google AI Team

Google AI

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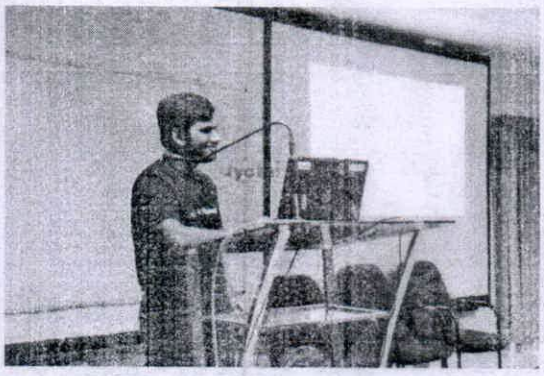

Google Explore ML program was conducted on 24.01.2020 as a full day session. **Mr. Sreerag R Nandan**, *Google ML facilitator India* for Jyothi Engineering College Campus is delivered content of the session. Session was conducted in collaboration with **ICFOSS** chapter of JECC. This program managed to cover the Google Explore ML track 1 & track 2.

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From

Roshni Rajan K

AP ,ECE DEPT.

Add-On-Course In Charge

To

Principal

JECC

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Respected Sir,

The add-on- course for this academic year is scheduled from 18th January 2020 to 22nd Feb 2020.As per the instruction from the principal and management, every Saturday will be utilized for the same.

I kindly request you grant us the permission for conducting the add-on-courses.

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Thanking you,

Yours faithfully

10/01/2020

Cheruthuruthy

Roshni Rajan K

forwarded to principal

Dr. Vasa P. Therattil
M.Tech., Ph.D. (IIIT)
Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679531

Approved.

Prof. Rethan P

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## DEPARTMENT OF ECE-ADD ON COURSE

# Fundamentals of MATLAB

This add on course provides a comprehensive introduction to the MATLAB technical computing environment. No prior programming experience or knowledge of MATLAB is assumed. Themes of data analysis, visualization, modelling, and programming are explored throughout the course.

**Course Objective**

The objective of this course is to introduce the basic operations in MATLAB and to enable the students to do basic programming with MATLAB to solve Engineering problems.

**Course Outcomes:**

CO1: Students Will be able to Familiar with memory and file management in Matlab

CO2: Students Will be able to generate plots and export this for use in reports and presentations

- CO3: Students Will be able to program scripts and functions using the Matlab development environment.

**Syllabus**

- Working with the MATLAB user interface
- Entering commands and creating variables
- Analysing vectors and matrices
- Visualizing vector and matrix data
- Working with data files
- Working with data types
- Writing programs with branching and loops
- Writing functions
- Graphs and plots in MATLAB

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- Logical statements and operations in MATLAB
- Mathematics in MATLAB
- Basic image manipulations

**COURSE OUTCOMES VS PO MAPPING:**

| Sl.No | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CO1 | 3 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 |
| CO2 | 3 | 2 | 2 | 2 | 2 | 2 | - | 2 | 2 | 2 | 2 | 3 |
| CO3 | 2 | 3 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 |
| Avg | 2.6 | 2.4 | 2.6 | 2.3 | 2 | 1.6 | 1.67 | 1.8 | 2 | 1.8 | 1.3 | 2.4 |

Dr. Joseph Theraldi

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Jyothi Engineering College DEPARTMENT OF ECE

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## DEPARTMENT OF ECE -ADD-ON COURSE SCHEDULE

| ADD-ON COURSE | DATE & DAY | HOURS ALLOTED | VENUE |
|---|---|---|---|
| Fundamentals of MATLAB | 18-01-2020(SATURDAY) | 1 to 6th Hour | VLSI LAB |
| | 25-01-2020(SATURDAY) | 1 to 6th Hour | |
| | 01-02-2020(SATURDAY) | 1 to 6th Hour | |
| | 15-02-2020(SATURDAY) | 1 to 6th Hour | |
| | 22-02-2020(SATURDAY) | 1 to 6th Hour | |

**Total Hours** 30

**Staff In-Charge**

**Mr.Anoop V**

**HOD, ECE**

Dr. Jose P. Thoratta
M.Tech., (Ph.D (NIT)
Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531

JYOTHI ENGINEERING COLLEGE * DEPARTMENT OF E.C.E.

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## DEPARTMENT OF ECE-ADD-ON COURSE-Registration List

### Fundamentals of MATLAB

| Sl No: | Register Number | Name | Semester | Department |
|---|---|---|---|---|
| 1 | JEC16EC005 | AJAY T S | S8 | ECE |
| 2 | JEC16EC006 | AJITH ANTONY | S8 | ECE |
| 3 | JEC16EC011 | AMITH T V | S8 | ECE |
| 4 | JEC16EC022 | AVIN K V | S8 | ECE |
| 5 | JEC16EC059 | NARAYANAN M B | S8 | ECE |
| 6 | JEC16EC078 | SACHIN P.S. | S8 | ECE |
| 7 | JEC16EE007 | ALFIN JOHN | S8 | EEE |
| 8 | JEC16EE008 | ALLAN THOMAS | S8 | EEE |
| 9 | JEC16EE009 | ALWIN STEPHEN | S8 | EEE |
| 10 | JEC16EE021 | DHEERAJ K J | S8 | EEE |
| 11 | JEC16EE033 | JEWEL MAXWEL | S8 | EEE |
| 12 | JEC16EE034 | JISBI GEORGE P | S8 | EEE |
| 13 | JEC17EE001 | ABDUL HASEEB | S6 | EEE |
| 14 | JEC17EE002 | ABHIJITH M P | S6 | EEE |
| 15 | JEC17EE013 | ARJUN A R | S6 | EEE |
| 16 | JEC17EE014 | ARJUN P N | S6 | EEE |
| 17 | JEC17EE026 | KUNNATH RAHUL | S6 | EEE |
| 18 | JEC17MC007 | ALLEN JOSE JAMES | S6 | MR |
| 19 | JEC17MC008 | ALPHIN FRANCIS | S6 | MR |
| 20 | JEC17MC017 | ELWIN SHAJU | S6 | MR |
| 21 | JEC18EE003 | AJIL GEORGE | S4 | EEE |
| 22 | JEC18EE013 | GOVIND | S4 | EEE |
| 23 | JEC18EE018 | KRISHNA VINOD | S4 | EEE |
| 24 | JEC18EE019 | LIA JOHNSON | S4 | EEE |
| 25 | JEC18MC037 | SREENATH K BALAN | S4 | MR |
| | | **TOTAL REGISTERED STUDENTS :** | | 25 |

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Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

True Copy Attested

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Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531

# Jyothi Engineering College

S A A C Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

DEPARTMENT OF ECE-ADD-ON COURSE-Attendance List

**Fundamentals of MATLAB**

| Sl No: | Register Number | Name | Semester | Department | Signature | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 |
| 1 | JEC16EC005 | AJAY T S | S8 | ECE | A | X | X | X | ✓ |
| 2 | JEC16EC006 | AJITH ANTONY | S8 | ECE | ✓ | ✓ | ✓ | A | ✓ |
| 3 | JEC16EC011 | AMITH T V | S8 | ECE | ✓ | ✓ | A | ✓ | ✓ |
| 4 | JEC16EC022 | AVIN K V | S8 | ECE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5 | JEC16EC059 | NARAYANAN M B | S8 | ECE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 | JEC16EC078 | SACHIN P.S. | S8 | ECE | ✓ | ✓ | X | ✓ | ✓ |
| 7 | JEC16EE007 | ALFIN JOHN | S8 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | JEC16EE008 | ALLAN THOMAS | S8 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9 | JEC16EE009 | ALWIN STEPHEN | S8 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | JEC16EE021 | DHEERAJ K J | S8 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | JEC16EE033 | JEWEL MAXWEL | S8 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | JEC16EE034 | JISBI GEORGE P | S8 | EEE | A | ✓ | ✓ | ✓ | ✓ |
| 13 | JEC17EE001 | ABDUL HASEEB | S6 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | JEC17EE002 | ABHIJITH M P | S6 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15 | JEC17EE013 | ARJUN A R | S6 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16 | JEC17EE014 | ARJUN P N | S6 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17 | JEC17EE026 | KUNNATH RAHUL | S6 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | JEC17MC007 | ALLEN JOSE JAMES | S6 | MR | ✓ | A | ✓ | ✓ | ✓ |
| 19 | JEC17MC008 | ALPHIN FRANCIS | S6 | MR | ✓ | ✓ | ✓ | ✓ | ✓ |
| 20 | JEC17MC017 | ELWIN SHAJU | S6 | MR | ✓ | ✓ | ✓ | ✓ | ✓ |
| 21 | JEC18EE003 | AJIL GEORGE | S4 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 22 | JEC18EE013 | GOVIND | S4 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 23 | JEC18EE018 | KRISHNA VINOD | S4 | EEE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 24 | JEC18EE019 | LIA JOHNSON | S4 | EEE | ✓ | ✓ | A | ✓ | ✓ |
| 25 | JEC18MC037 | SREENATH K BALAN | S4 | MR | ✓ | ✓ | ✓ | ✓ | ✓ |

TOTAL REGISTERED STUDENTS : 25

True Copy Attested

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# ADD-ON COURSE FEEDBACK FORM

**Topic Title:** Fundamentals of Matlab

**Participant's Name (optional):**

| | THE DESIGN OF THE COURSE | strongly agree | Agree | Neutral | Disagree | Strongly Disagree |
|---|---|---|---|---|---|---|
| 1 | Whether objectives of the course clear to you ? | ✓ | | | | |
| 2 | Does the course content meet to your expectations? | ✓ | | | | |
| 3 | Was the lecture sequence well planned? | | ✓ | | | |
| 4 | Whether the level of the course was satisfactory? | | ✓ | | | |
| 5 | Did the course exposed you to new knowledge and practices? | ✓ | | | | |
| 6 | Will you recommend this course to your classmates? | ✓ | | | | |
| | **CONDUCT OF THE COURSE** | | | | | |
| 1 | Was the lecture clear and easy to understand? | | ✓ | | | |
| 2 | Were the teaching aids used effectively ? | ✓ | | | | |
| 3 | Whether the course materials handed over was adequate? | ✓ | | | | |
| 4 | Whether the instructors encouraged interactions and was helpful? | | ✓ | | | |

| | Y | N |
|---|---|---|
| Are you satisfied with the timing & schedule followed for the course ? : | ✓ | |

Any other comments to improve the course :

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Please give overall rating for the course (OUT OF 5) 5

*We appreciate your help in evaluating this program*

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# CERTIFICATE OF COMPLETION

This certifies that

*Jibin N V*

has successfully completed the add-on course on "Fundamentals of MATLAB" conducted by Jyothi Engineering College, Cheruthuruthy during January-March 2020.

COURSE COORDINATOR

PRINCIPAL

SECRETARY&CAMPUS HEAD

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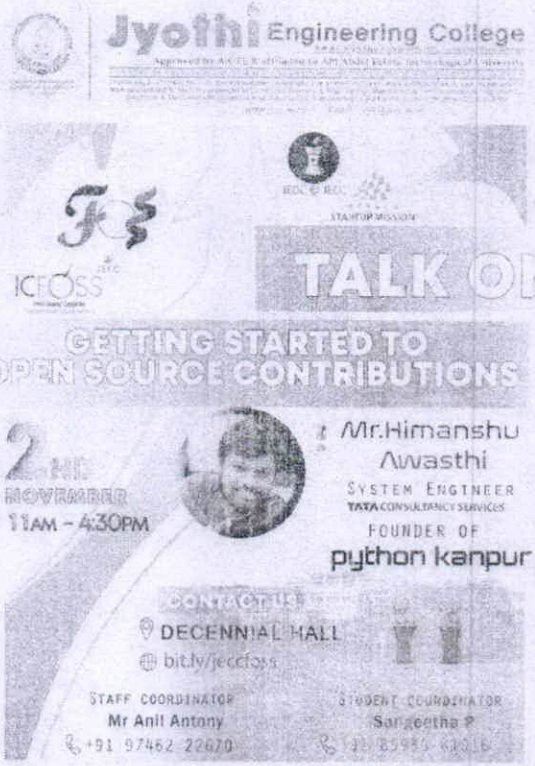
Cheruthuruthy P.O.- 679 531

## TALK ON 'GETTING STARTED TO OPEN SOURCE CONTRIBUTIONS'

**Venue: Decennial hall** **Date: 02-11-2019**

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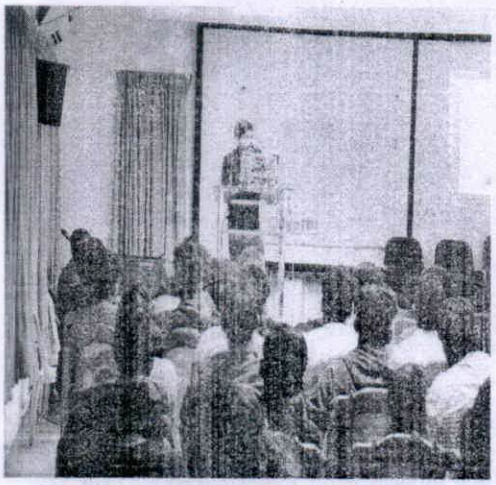

Talk on getting started to open source contributions was conducted by the ICFOSS club of Jyothi Engineering College in association with IEDC and Kerala Startup Mission on 2nd November 2019 at Decennial Hall. Speaker of the event was Mr Himanshu Awasthi,

Asst.System Engineer at Tata Consultancy Services (TCS) and founder of FOSS Kanpur. Seventy students actively participated in the talk. He taught the students how to contribute in the field of free and open source contributions (FOSS) by using GitHub. He talked about Richard Stallman who developed a free alternative to UNIX. He encouraged and motivated the students to actively contribute. In Hands On session he made the participants to do fork and update the content till submitting a PR. Students actively participated in the interactive session. Memento was handed over to Mr. Himanshu Awasthi by Rev. Fr. Jose Kannampuzha , Director, Jyothi Engineering College.

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From

Roshni Rajan K

AP,ECE Dept.

ADD-ON COURSE COORDINATOR

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To

The Principal

JECC

Sir,

Sub: Request for conducting meeting for add-on courses.

We would like to conduct a meeting on 18/09/2019 with the add-on course registered students and the concerned course coordinators to discuss about the course execution. I kindly request you to grant us permission for the same.

| ADD-ON COURSE | STAFF-IN-CHARGE | HOUR & VENUE |
|---|---|---|
| WATER QUALITY MANAGMENT OF DOMESTIC SOURCES | Mr. M G CYRIAC©<br>Dr.AGNES ANTO C | 6th Hour<br>ENVIRONMENTAL ALB |
| INTRODUCTION TO VHDL | Mr.AKHILBALAKRISHNAN©<br>Mr.KAPIL DAS | 4th Hour<br>EEE SEMINAR HALL |
| COMPUTER AIDED DESIGN | Mr.CHRISTY V V©<br>Mr.NIKHIL N S | 3rd Hour<br>CAM LAB |
| IMAGE PROCESSING | Mr. FEPSLIN ATHISH MON | 4th Hour<br>CSE LIBRARY |
| CCTV INSTALLATION | Ms.SHINY M I©<br>Mr.BINOJ V J | 3rd Hour<br>ECE SEMINAR HALL |
| EMBEDDED SYSTEMS DESIGN WITH 8051 | Mr.JINESH K J | 3rd Hour<br>VLSI LAB |
| WORKSHOP ON 3-D DESIGN & 3-D PRINTING (FABLAB) | Mr.SHIJIN | 6th Hour<br>FABLAB |

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Thanking you,

ROSHNI RAJAN K

ADD-ON COURSE COORDINATOR

forwarded to principal

Dr. Jose P. Thoratt

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## DEPARTMENT OF ECE-ADD ON COURSE

# CCTV Installation

Closed-circuit television (CCTV), also known as video surveillance, is the use of video cameras to transmit a signal to a specific place, on a limited set of monitors. In industrial plants, CCTV equipment may be used to observe parts of a process from a central control room, for example when the environment is not suitable for humans. Through this Add on course students will be able to know different types of CCTV system, how to decide which system to use for a specific application, and about it's transmission, connections, DVR and networking.

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**Key Objectives of the Course:**

1. To understanding the customer's requirements
2. To installing the camera and CCTV hardware equipment
3. To configure the system for surveillance function
4. Coordinate the work with colleagues and coworkers

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**Course outcomes:**

CO1: Students Will be able to Interact with customer and supervisor and understand customers requirements

CO2: Students Will be able to Procuring CCTV hardware and test before installation

CO3: Students Will be able to Connecting cables and Setting up the camera using tools, Setting CCTV camera and DVR with the system

**SYLLABUS**

**Module I: CCTV Introduction (12 hours)**

To understand the import ants of surveillance,

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To study different types of CCTV cameras, monitors and installation tools in brief

To familiar with different lighting conditions

To study about power supplies and different types needed for CCTV

To familiar with Different display system

To understand the site condition

Suggest solution based on the site condition and requirement

Deciding the CCTV system to be installed

To understand about the ambient light setting

**Module II: CCTV CAMERA AND LENS (12 hours)**

To acquire knowledge about different types of cameras and the latest technologies,

To study about cameras in depth,

To study about sophisticated equipments related with CCTV

Understand different Lenses

Understand the importance of focusing

To procure CCTV hardware

To test hardware before installation

To understand the focusing concept and calibration of camera

Deciding the CCTV system to be installed

**Module III: Transmission and Connections (6 hours)**

To study different types of cable, switches and other technologies to fulfill the system for Transmission

Understand the concept of splitter, multiplexer and switcher

Understand the wiring schemes

To correct the different problem related to CCTV

Understand the cable laying methods

Understand the connection establishment

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## Module IV: DVR and Networking (5 hours)

To familiar with CCTV recording equipment.

To understand the networking information schemes

Understand networking equipments

Study about IP camera

To connect CCTV camera and DVR with the system

Setting up CCTV system

To check the functioning of CCTV system

To understand about different DVR related issues

**COURSE OUTCOMES VS PO MAPPING:**

| Sl.No | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CO1 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 2 | 2 | 2 | 1 | 2 |
| CO2 | 3 | 2 | 2 | 2 | 2 | 2 | - | 2 | 2 | 2 | 2 | 3 |
| CO3 | 3 | 3 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | - | 2 |
| Avg | 2.6 | 2.4 | 2.6 | 2.6 | 2.2 | 1.6 | 1.67 | 1.8 | 2 | 1.8 | 1.5 | 2.4 |

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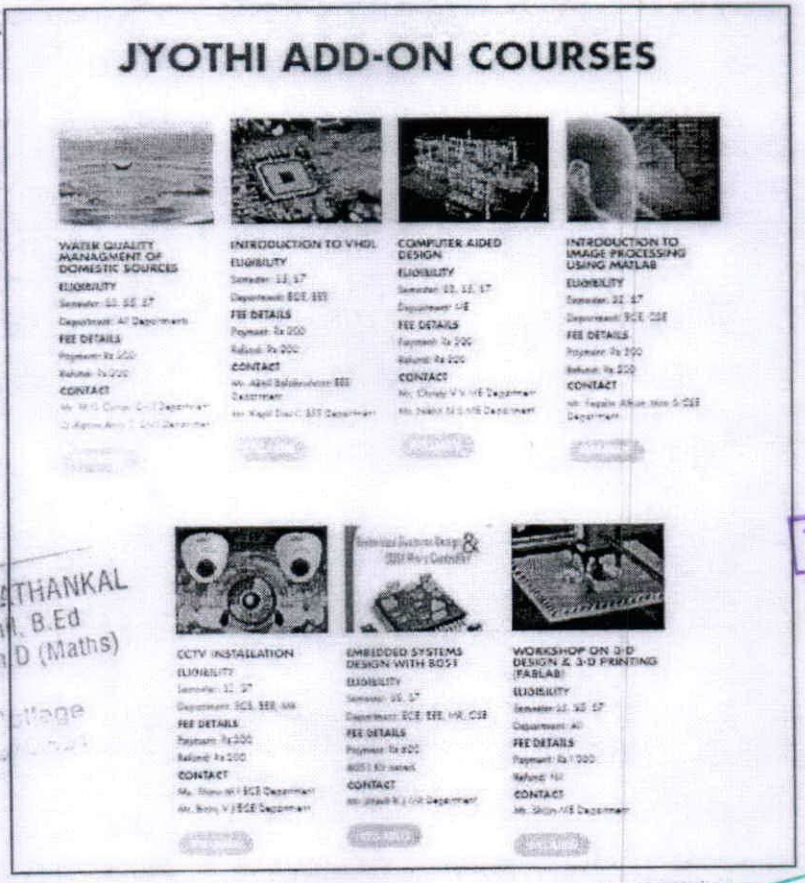
## JYOTHI ADD-ON COURSES

Jyothi Engineering College is offering the following add-on course for our students:

1. **WATER QUALITY MANAGMENT OF DOMESTIC SOURCES**
2. **INTRODUCTION TO VHDL**
3. **COMPUTER AIDED DESIGN**
4. **INTRODUCTION TO IMAGE PROCESSING USING MATLAB**
5. **CCTV INSTALLATION**
6. **EMBEDDED SYSTEMS DESIGN WITH 8051**
7. **WORKSHOP ON 3-D DESIGN & 3-D PRINTING (FABLAB)**

The maximum seats available for each add-on course is 20.Students can log on to the link **courses.jyothiengg.com.** for registration and the course details .Registration will be on first come-first serve basis.

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## DEPARTMENT OF ECE- ADD-ON COURSE SCHEDULE

| ADD-ON COURSE | DATE & DAY | HOURS ALLOTED | VENUE |
|---|---|---|---|
| CCTV INSTALLATION | 23/09/2019(MONDAY) | 6th Hour | MP & MC LAB |
| | 24/09/2019(TUESDAY) | 4th Hour | |
| | 26/09/2019(THURSDAY) | 7th Hour | |
| | 27/09/2019(FRIDAY) | 7th Hour | |
| | 30/09/2019(MONDAY) | 5th Hour | |
| | 01/10/2019(TUESDAY) | 2nd Hour | |
| | 03/10/2019(THURSDAY) | 4th Hour | |
| | 04/10/2019(FRIDAY) | 6th Hour | |
| | 05/10/2019(SATURDAY) | 1 to 7 Hours | |
| | 10/10/2019(THURSDAY) | 7th Hour | |
| | 11/10/2019(FRIDAY) | 7th Hour | |
| | 19/10/2019(SATURDAY) | 1 to 7 Hours | |
| | 26/10/2019(SATURDAY) | 1 to 7 Hours | |

**Total Hours** 31

**Staff In-Charge**

Shiny M.I

**HOD, ECE**

Dr. Jose P. Therattil
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Jyothi Engineering College
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| DEPARTMENT OF ECE-ADD-ON COURSE-Registration List | | | | |
|---|---|---|---|---|
| CCTV INSTALLATION | | | | |
| Sl No: | Register Number | Name | Semester | Department |
| 1 | JEC16EE003 | AKHIL JAMES K | S7 | Electrical and Electronics Engineering |
| 2 | JEC16EE009 | ALWIN STEPHEN | S7 | Electrical and Electronics Engineering |
| 3 | JEC16EE015 | ARJUN S | S7 | Electrical and Electronics Engineering |
| 4 | JEC16EE021 | DHEERAJ K J | S7 | Electrical and Electronics Engineering |
| 5 | JEC16EE032 | JERIN M S | S7 | Electrical and Electronics Engineering |
| 6 | JEC16EE038 | JOSEPH P K | S7 | Electrical and Electronics Engineering |
| 7 | JEC17EE017 | BENHUR K BABU | S5 | Electrical and Electronics Engineering |
| 8 | JEC17EE018 | DHEERAJ P M | S5 | Electrical and Electronics Engineering |
| 9 | JEC17EE025 | K U MANSOOR | S5 | Electrical and Electronics Engineering |
| 10 | JEC17MC008 | ALPHIN FRANCIS | S5 | Mechatronics Engineering |
| 11 | JEC17MC009 | ALWIN THOMAS PAUL | S5 | Mechatronics Engineering |
| 12 | JEC17MC010 | AMAL M PAULY | S5 | Mechatronics Engineering |
| 13 | JEC17MC017 | ELWIN SHAJU | S5 | Mechatronics Engineering |
| 14 | JEC17MC020 | HAMRAS MOHAMMED | S5 | Mechatronics Engineering |
| 15 | JEC17MC029 | ROHITH T S | S5 | Mechatronics Engineering |
| 16 | JEC17MC030 | SAISANKAR | S5 | Mechatronics Engineering |
| 17 | JEC17MC038 | SREEKANTH M P | S5 | Mechatronics Engineering |
| 18 | JEC17MC039 | SREERAJ M | S5 | Mechatronics Engineering |
| 19 | JEC18MC013 | BASITH ALI | S3 | Mechatronics Engineering |
| 20 | JEC18MC015 | EDWIN K BABU | S3 | Mechatronics Engineering |
| 21 | JEC18MC016 | EVIN B THAIKKATTIL | S3 | Mechatronics Engineering |
| 22 | JEC18MC030 | NOEL SAJAN | S3 | Mechatronics Engineering |
| 23 | JEC18MC031 | RAHUL K. A | S3 | Mechatronics Engineering |
| 24 | JEC18MC035 | SIJO JOSE | S3 | Mechatronics Engineering |
| 25 | JEC18MC039 | THOMSON DAVIS | S3 | Mechatronics Engineering |

TOTAL REGISTERED STUDENTS : 25

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**DEPARTMENT OF ECE-ADD-ON COURSE-Attendance List**

**COURSE NAME: CCTV INSTALLATION**

| Sl No: | Register Number | Name | Signature | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 |
| 1 | JEC16EE003 | AKHIL JAMES K | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 | JEC16EE009 | ALWIN STEPHEN | ✓ | ✓ | ✓ | ✓ | A | ✓ | ✓ | A | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | JEC16EE015 | ARJUN S | ✓ | A | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | JEC16EE021 | DHEERAJ K J | ✓ | ✓ | ✓ | ✓ | ✓ | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5 | JEC16EE032 | JERIN M S | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | A | ✓ | A | ✓ |
| 6 | JEC16EE039 | JOSEPH P K | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7 | JEC17EE017 | BENHUR K BABU | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | JEC17EE018 | DHEERAJ P M | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9 | JEC17EE025 | K U MANSOOR | ✓ | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | JEC17MC008 | ALPHIN FRANCIS | ✓ | ✓ | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | JEC17MC009 | ALWIN THOMAS PAUL | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | JEC17MC010 | AMAL M PAULY | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | JEC17MC017 | ELWIN SHAJU | ✓ | ✓ | ✓ | ✓ | ✓ | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | JEC17MC020 | HAMRAS MOHAMMED | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | A | ✓ | ✓ |
| 15 | JEC17MC029 | ROHITH T S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16 | JEC17MC030 | SAISANKAR | ✓ | ✓ | ✓ | ✓ | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17 | JEC17MC038 | SREEKANTH M P | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | JEC17MC039 | SREERAJ M | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19 | JEC18MC013 | BASITH ALI | ✓ | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 20 | JEC18MC015 | EDWIN K BABU | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 21 | JEC18MC016 | EVIN B THAIKKATTIL | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 22 | JEC18MC030 | NOEL SAJAN | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 23 | JEC18MC031 | RAHUL K. A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 24 | JEC18MC035 | SIJO JOSE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 25 | JEC18MC039 | THOMSON DAVIS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

**TOTAL REGISTERED STUDENTS : 25**

Staff in-Charge

HOD/ECE

Dr. Jose P. Therattil
M.Tech., Ph.D. (NIT)
Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531

Jyothi Engineering College * DEPARTMENT OF ECE *

True Copy Attested

Dr. SUNNY JOSEPH KALAYATHANKAL
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Cheruthuruthy P.O.- 679 531

Jyothi Engineering College

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

# ADD-ON COURSE FEEDBACK FORM

**Topic Title:** CCTV Installation.

**Participant's Name (optional):**

| | THE DESIGN OF THE COURSE | strongly agree | Agree | Neutral | Disagree | Strongly Disagree |
|---|---|---|---|---|---|---|
| 1 | Whether objectives of the course clear to you ? | ✓ | | | | |
| 2 | Does the course content meet to your expectations? | | ✓ | | | |
| 3 | Was the lecture sequence well planned? | | | | | |
| 4 | Whether the level of the course was satisfactory? | ✓ | | | | |
| 5 | Did the course exposed you to new knowledge and practices? | | ✓ | | | |
| 6 | Will you recommend this course to your classmates? | | | | | |
| | **CONDUCT OF THE COURSE** | ✓ | | | | |
| 1 | Was the lecture clear and easy to understand? | | ✓ | | | |
| 2 | Were the teaching aids used effectively ? | ✓ | | | | |
| 3 | Whether the course materials handed over was adequate? | | ✓ | | | |
| 4 | Whether the instructors encouraged interactions and was helpful? | ✓ | | | | |

| | Y | N |
|---|---|---|
| Are you satisfied with the timing & schedule followed for the course ? : | ✓ | |

Any other comments to improve the course :

Please give overall rating for the course (OUT OF 5) 4

*We appreciate your help in evaluating this program '*

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JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91 4884 259000, 274423 FAX : 04884-274777

# CERTIFICATE OF COMPLETION

This certifies that

## *LAKSHMI P*

has successfully completed the add-on course on "CCTV Installation" conducted by Jyothi Engineering College, Cheruthuruthy during September-October 2019.

COURSE COORDINATOR

PRINCIPAL

SECRETARY&CAMPUS HEAD

True Copy Attested

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
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Cheruthuruthy P.O.- 679 531

From

Dipin Krishnan

AP ,ECE DEPT.

Add-On-Course In Charge

True Copy Attested

Dr. SUNNY JOSEPH KALAYATHANKAL
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Ph.D (Computer Science), Ph.D (Maths)
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Cheruthuruthy P.O.- 679 531

To

Principal

JECC

Respected Sir,

The add-on- course for this academic year is scheduled from 16th Feb 2019 to 23rd March 2019.As per the instruction from the principal and management, every Saturday will be utilized for the same.

I kindly request you grant us the permission for conducting the add-on-courses.

Dr. SUNNY JOSEPH KALAYATHANKAL

Thanking you,

Yours faithfully

Dipin Krishnan

11/02/2019

Cheruthuruthy

Recommended and forwarded to principal

Professor & HOD, ECE Department
Jyothi Engineering College

Approved

Prof. Rahan. P

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www.jecc.ac.in | Email : info@jecc.ac.in

## DEPARTMENT OF ECE-ADD ON COURSE

# Electronic Circuit Simulation and PCB Printing

**Eligibility**

ECE, EEE

**Course Objective**

This course will provide an overview in electronic circuit design , simulation and PCB printing. The course contain 3 sections 1. Circuit simulation 2. PCB design 3. PCB printing . Students will expertise with an EDA tool Proteus for Electronic Circuit Design.

**Course Objective**

- To familiarise the electronic circuit simulation using EDA tool.
- To familiarise the PCB designing and Printing process.

**Course Outcome**

CO1: Student will be able to design and simulate electronic circuit suing EDA tool.

CO2: Student will be able to design single sided PCB using EDA tool.

CO3: Student will be able to print PCB using toner transfer method.

**Syllabus**

**Unit I: Circuit Simulation**

Simulators and emulators - simple led circuit, Transistors switching circuit, Basic gates, 555 timer, Op-amp

**Unit II: PCB Design**

PCB design tool familiarization, PCB design Example – 555 timer

**Unit III: PCB Printing**

Toner transfer method, PCB Etching, Soldering

True Copy Attested

Dr. SUNNY JOSEPH KALAY[illegible]NKAL
M.Tech, MCA, M.Sc, M.[illegible]
Ph.D (Computer Science)
PRINCIP[illegible]

**COURSE OUTCOMES VS PO MAPPING:**

| Sl.No | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CO1 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 3 |
| CO2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 3 |
| CO3 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 3 |
| 'Avg | 3 | 2.4 | 3 | 2.6 | 2.2 | 1.6 | 1.3 | 1.3 | 1 | 1.3 | 1.6 | 3 |

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www.jecc.ac.in | Email : info@jecc.ac.in

## DEAPRTMENT OF ECE- ADD-ON COURSE SCHEDULE

| ADD-ON COURSE | DATE & DAY | HOURS ALLOTED | VENUE |
|---|---|---|---|
| Electronic Circuit Simulation and PCB Printing | 16/02/2019(SATURDAY) | 1 to 7th Hour | PROJECT and VLSI LAB |
| | 23/02/2019(SATURDAY) | 1 to 7th Hour | |
| | 02/03/2019(SATURDAY) | 1 to 7th Hour | |
| | 16/03/2019(SATURDAY) | 1 to 7th Hour | |
| | 23/03/2019(SATURDAY) | 1 to 7th Hour | |
| | Total Hours | 35 | |

Staff In-Charge
Mr.Jinesh K J

HOD/ECE

Dr. Jose P. Theruttil
M.Tech., Ph.D. (NIT)
Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531

DEPARTMENT OF E.C.E. Jyothi Engineering College

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Jyothi Engineering College
Cheruthuruthy P.O.- 679 5

| DEPARTMENT OF ECE-ADD-ON COURSE-Registration List | | | | |
|---|---|---|---|---|
| Electronic Circuit Simulation and PCB Printing | | | | |
| Sl No: | Register Number | Name | Semester | Department |
| 1 | JEC15EC005 | ANJANA KP | S7 | Electronics and Communication Engineering |
| 2 | JEC15EC013 | BHARATHCHANDRAN K | S7 | Electronics and Communication Engineering |
| 3 | JEC15EC015 | CHANDINI M S | S7 | Electronics and Communication Engineering |
| 4 | JEC15EC017 | DENCY DAVIS | S7 | Electronics and Communication Engineering |
| 5 | JEC15EC026 | KANNANPUZHA CHELSEA ANTONY | S7 | Electronics and Communication Engineering |
| 6 | JEC15EC033 | NAMBOODIRI SWATHI VASUDEVAN | S7 | Electronics and Communication Engineering |
| 7 | JEC15EC037 | NIKEETA SAJI | S7 | Electronics and Communication Engineering |
| 8 | JEC15EC040 | PRANAV V V | S7 | Electronics and Communication Engineering |
| 9 | JEC15EC042 | RENIL JOSE | S7 | Electronics and Communication Engineering |
| 10 | JEC15EC043 | RIJO JOY | S7 | Electronics and Communication Engineering |
| 11 | JEC16EC005 | AJAY T S | S5 | Electronics and Communication Engineering |
| 12 | JEC16EC022 | AVIN K V | S5 | Electronics and Communication Engineering |
| 13 | JEC16EC026 | BHUVANESH S S | S5 | Electronics and Communication Engineering |
| 14 | JEC16EC033 | DERRIN RAPHEAL | S5 | Electronics and Communication Engineering |
| 15 | JEC16EC034 | DIVIJ K SAJAN | S5 | Electronics and Communication Engineering |
| 16 | JEC16EC070 | PRASOBH K P | S5 | Electronics and Communication Engineering |
| 17 | JEC16EC080 | SAJIN SHAJI | S5 | Electronics and Communication Engineering |
| 18 | JEC17EC012 | ARUN A S | S3 | Electronics and Communication Engineering |
| 19 | JEC17EC018 | CHRISJO JOSE | S3 | Electronics and Communication Engineering |
| 20 | JEC17EC022 | EDWIN JOHN | S3 | Electronics and Communication Engineering |
| 21 | JEC17EC028 | JIBIN JAISON | S3 | Electronics and Communication Engineering |
| 22 | JEC17EC031 | JOEL SHAJI | S3 | Electronics and Communication Engineering |
| 23 | JEC17EE001 | ABDUL HASEEB | S3 | Electrical & Electronics Engineering |
| 24 | JEC17EE013 | ARJUN A R | S3 | Electrical & Electronics Engineering |
| 25 | JEC17EE014 | ARJUN P N | S3 | Electrical & Electronics Engineering |
| 26 | JEC17EE030 | NAVEEN T O | S3 | Electrical & Electronics Engineering |
| 27 | JEC17EE043 | VISHNU T | S3 | Electrical & Electronics Engineering |

TOTAL REGISTERED STUDENTS : 27

True Copy Attested

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Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed

| DEPARTMENT OF ECE-ADD-ON COURSE-Attendance List | | | | | | | |
|---|---|---|---|---|---|---|---|
| COURSE NAME: Electronic Circuit Simulation and PCB Printing | | | | | | | |
| Sl No: | Register Number | Name | Signature | | | | |
| | | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
| 1 | JEC15EC005 | ANJANA KP | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 | JEC15EC013 | BHARATHCHANDRAN K | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | JEC15EC015 | CHANDINI M S | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | JEC15EC017 | DENCY DAVIS | ✓ | A | ✓ | ✓ | ✓ |
| 5 | JEC15EC026 | KANNANPUZHA CHELSEA ANTONY | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 | JEC15EC033 | NAMBOODIRI SWATHI VASUDEVAN | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7 | JEC15EC037 | NIKEETA SAJI | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | JEC15EC040 | PRANAV V V | A | ✓ | ✓ | ✓ | ✓ |
| 9 | JEC15EC042 | RENIL JOSE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | JEC15EC043 | RIJO JOY | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | JEC16EC005 | AJAY T S | ✓ | A | ✓ | A | ✓ |
| 12 | JEC16EC022 | AVIN K V | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | JEC16EC026 | BHUVANESH S S | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | JEC16EC033 | DERRIN RAPHEAL | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15 | JEC16EC034 | DIVIJ K SAJAN | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16 | JEC16EC070 | PRASOBH K P | ✓ | ✓ | A | ✓ | ✓ |
| 17 | JEC16EC080 | SAJIN SHAJI | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | JEC17EC012 | ARUN A S | A | ✓ | ✓ | ✓ | ✓ |
| 19 | JEC17EC018 | CHRISJO JOSE | ✓ | ✓ | ✓ | ✓ | ✓ |
| 20 | JEC17EC022 | EDWIN JOHN | ✓ | ✓ | ✓ | ✓ | A |
| 21 | JEC17EC028 | JIBIN JAISON | A | ✓ | ✓ | ✓ | ✓ |
| 22 | JEC17EC031 | JOEL SHAJI | ✓ | ✓ | ✓ | ✓ | ✓ |
| 23 | JEC17EE001 | ABDUL HASEEB | ✓ | ✓ | A | ✓ | ✓ |
| 24 | JEC17EE013 | ARJUN A R | ✓ | ✓ | ✓ | ✓ | ✓ |
| 25 | JEC17EE014 | ARJUN P N | ✓ | ✓ | ✓ | ✓ | A |
| 26 | JEC17EE030 | NAVEEN T O | A | ✓ | ✓ | ✓ | ✓ |
| 27 | JEC17EE043 | VISHNU T | ✓ | ✓ | A | ✓ | ✓ |

TOTAL REGISTERED STUDENTS : 27

Staff In-Charge

True Copy Attested

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science)

Jyothi Engineering College
Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

# ADD-ON COURSE FEEDBACK FORM

Topic Title: EC/PCB Designing.

Participant's Name (optional):

| | THE DESIGN OF THE COURSE | strongly agree | Agree | Neutral | Disagree | Strongly Disagree |
|---|---|---|---|---|---|---|
| 1 | Whether objectives of the course clear to you ? | ✓ | | | | |
| 2 | Does the course content meet to your expectations? | ✓ | | | | |
| 3 | Was the lecture sequence well planned? | ✓ | | | | |
| 4 | Whether the level of the course was satisfactory? | | ✓ | | | |
| 5 | Did the course exposed you to new knowledge and practices? | ✓ | | | | |
| 6 | Will you recommend this course to your classmates? | | ✓ | | | |
| | **CONDUCT OF THE COURSE** | | | | | |
| 1 | Was the lecture clear and easy to understand? | ✓ | | | | |
| 2 | Were the teaching aids used effectively ? | | ✓ | | | |
| 3 | Whether the course materials handed over was adequate? | ✓ | | | | |
| 4 | Whether the instructors encouraged interactions and was helpful? | ✓ | | | | |

| | Y | N |
|---|---|---|
| Are you satisfied with the timing & schedule followed for the course ? | ✓ | |

Any other comments to improve the course :

Please give overall rating for the course (OUT OF 5) 5

*We appreciate your help in evaluating this program.*

Dr. SUNNY JOSEPH KALAYATHANKAL
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# CERTIFICATE OF COMPLETION

This certifies that

## *Venkatesh K B*

has successfully completed the add-on course on "Electronic Circuit Simulation and PCB Printing" conducted by Jyothi Engineering College, Cheruthuruthy during February-March 2018.

COURSE COORDINATOR

PRINCIPAL

SECRETARY&CAMPUS HEAD

True Copy Attested

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