

# Jyothi Engineering College

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR  
 JYOTHITHI, VETRIKARAI P.O., CHERUTHURUTHY, THIRISSURPIN - 679531 Ph: 01-4884-27103, 271425 FAX: 04884-274777  
 www.jeecc.ac.in | E-mail: info@jeecc.ac.in

home automation  
 control  
 robotics  
 mechatronics  
 engineering  
 real-time  
 control systems  
 embedded systems  
 sensors  
 electrical engineering

## One day Workshop


### ON

# FUNCTION PROGRAMMING FOR MECHATRONIC APPLICATIONS

## MECHANICAL SIGNAL PROCESSING

Organized By  
 Department of Mechanical Engineering

&



IM Code: IM3273  
 Chapter Code: RE-58

FEBRUARY  
 12  
 2016

True Copy Attested

*Sunny*

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

Cheruthuruthy  
13<sup>th</sup> Jan 2016

Cijil B John  
ISTE Coordinator

The Principal  
JECC

Submitted

As a part of the annual programmes scheduled for the year 2015-16, ISTE students chapter of Mechanical Engineering department is interested to carry out a one day work shop on "Python Programming in Mechatronic applications and Mechanical signal processing" tentatively on 12<sup>th</sup> Feb. 2016. I kindly request you to grant permission for the same. The details of the programme is listed follows

Resource Person 1 Dr. Lalu. P.P. Assoc. Prof. Govt. Engg. Collge, Thrissur.

Resource Person 2 Mr. Biju C.V, Assoc. Prof. JECC

Schedule

09.30 - 10.00 am	Inaugural programme (Decennial Hall)
10.00 - 11.30 am	Session-1, Python Programming on Mechatronic Applications (Dr. Lalu. P.P. Assoc. Prof. Govt. Engg. Collge, Thrissur.)
11.30 - 11.45 am	Tea Break
11.45 - 01.00 pm	Session-2, Simulation and Hands on Training of Mechatronic system (Dr. Lalu. P.P. Assoc. Prof. Govt. Engg. College, Thrissur.)
01.00 - 01.45 pm	Lunch Break
01.45 - 03.15 pm	Session-2, Mechanical signal processing (Mr. Biju C.V, Assoc. Prof. JECC)
03.15 - 03.30 pm	Tea Break
03.30 - 04.00 pm	valedictory Function

Financial Requirements

Resource person (T/A), memento	5000
Lunch and refreshments	1000
Stationery / flux	2000
Miscellaneous	1000
<b>Total</b>	<b>10,000</b>

*Res. Sponsor  
Count with F.M.  
Machine suspension  
stamping, Souvenir  
5000*



Yours faithfully

Cijil B John  
ISTE Coordinator

*Sanku P  
ISTE Co-ordinator  
JECC*

*14/01/16  
HOD. ME*  
*13/01/16  
DINAKRUMAN R  
SECRETARY, ISTE JECC*

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



IM Code: IM1273  
Chapter Code: KE-55

ISTE Sponsored One day workshop on

## "PYTHON PROGRAMMING FOR MECHATRONIC APPLICATIONS & MECHANICAL SIGNAL PROCESSING"

Department of Mechanical Engineering

Feb 12, 2016

### Programme Schedule

9.30 am - 9.32 am	: Prayer
9.32am - 9.40 am	: Welcome Speech Mr. Sudheesh Sukumaran (Student Coordinator)
9:40am - 11.15am	: First Session "Python Programming for Mechatronic Applications" (Dr. Lahu P. P, Asst. Professor, JEC TCR)
11.15am - 11.30am	: Tea Break
11.30am - 01.00 pm	: First Session Continues (Computer Centre)
01.00pm - 02.00pm	: Lunch Break
02.00pm - 03.00	: Session 2 "Mechanical Signal Processing", (Mr. Biju CV, Assoc. Professor, JECC)
03.10pm - 04.00pm	: Session 2 continues
04.00pm	: Presenting the Memento and vote of

True Copy All set

*amunay*

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30	JOSHUA VARGHESE	S4 ME A	<i>Joshua</i>
31	Akash Jose	S4 ME-A	<i>Akash Jose</i>
32	Martin	S4 ME-B	<i>Martin</i>
33	JEWEL JOYSON	S4 ME A	<i>Jewel</i>
34	Nithin M.K.	S4 ME B	<i>Nithin</i>
35	PARIKSHITH KRISHNAN	S4 ME B	<i>Parikshith</i>
36	NAVNEETH PRABHAKAR	S4 ME B	<i>Navneeth</i>
37	Main Milind	S6 ME B	<i>Milind</i>
38	Midhun Antony	S6 MEB	<i>Midhun</i>
39	JOSON VARGHESE AJ	S6-ME-B	<i>Jose</i>
40	GEETHANJALIGA	S4-EEE	<i>Geetha</i>
41	FATHIMA IRFANA.TK	S4-EEE	<i>Fathima</i>
42	ANJALI ASHOK	S4-EEE	<i>Anjali</i>
43	Akhila Raj.T	S4-EEE	<i>Akhila</i>
44	ANN MARY AUGUSTINE	S4-EEE	<i>Ann Mary</i>
45	ANJU JOHN	S6 ECE	<i>Anju</i>
46	FEMI. P. RAPPAL	S6 ECE	<i>Femi</i>
47	Saviez Tom	S6 CSE-B	<i>Saviez</i>
48	Simpson Joseph	S6 "	<i>Simpson</i>
49	Jithin Joyc	S6 "	<i>Jithin</i>
50	JAIJO SIMON	S6 ECE-A	<i>Jaijo</i>
51	JITHIN C.J	S6 ECE-A	<i>Jithin</i>
52	Dinesh C.	S6-ECE-A	<i>Dinesh</i>
53	JITHIN E JOSEPH	S6 ME-B	<i>Jithin</i>
54	SHAM JOSEPH	S6 MEB	<i>Sham</i>
55	VARUN MENON	S6 MEB	<i>Varun</i>
56	SUDHEESH SUKUMARAN	S6 MEB	<i>Sudheesh</i>



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30	NIKHIL CHACKO	S6 ME-B	Nikhil
31	Tommy Joseph	S4 ME-A	Tommy
32	Favas-K	S4 ME-A	Favas
33	Ivin Sunny	S4 ME-A	Ivin
34	PARIKSHITH KRISHNAN	S4 ME-B	Parikshith
35	Martin	S4 ME-B	Martin
36	NAVNEETH PRABHAKAR	S4 ME-B	Navneeth
37	Nithin.MK.	S6 ME-B	Nithin
38	Delin David-c	S6 ME-A	Delin
39	Kausthnaprasad T.S	S6 ME-B	Kausthnaprasad
40	BIMAL BASTIN	S6 M-E-A	Bimal
41	ARAVIND.M.S.	S6 ME-A	Aravind
42	ANN MARY AUGUSTINE	S4 EEE	Ann Mary
43	Akhila Raj.T	S4 EEE	Akhila
44	Anjali Ashok	S4 EEE	Anjali
45	Fathima Irfana.T.C	S4 EEE	Fathima
46	GEETHANJALI P.G.	S4 EEE	Geethanjali
47	FEMI.P. RAPPAL	S6 ECE	Femi
48	ANJU JOHN	S6 ECE	Anju
49	JALSO SIMON	S6 ECE A	Jalso
50	JITHIN.C.J	S6 ECE A	Jithin
51	Dinesh C	S6 ECE A	Dinesh
52	JITHIN E JOSEPH	S6 ME-B	Jithin
53	SHAM JOSEPH	S6 MEB	Sham
54	Arunkrishnan	S6 ME A	Arunkrishnan
55	Abhinav.K.Prakash	S6 ME A	Abhinav
56	JACON DAVID	S6 ME-A	Jacon
57	LINDA C LAWRENCE	S6 ME-B	Linda



## DEPARTMENT OF MECHANICAL ENGINEERING

## "PYTHON PROGRAMMING &amp; MECHANICAL SIGNAL PROCESSING"

SUPPORTED BY ISTE STUDENT CHAPTER KE- 58

## ATTENDANCE SHEET

12/02/2016 AN Session

NO	NAME OF THE STUDENT	DEPARTMENT	SIGNATURE
1	Devin David - C	S6 ME - A	<i>Devin</i>
2	Krishnaprasad TS	S6 ME - B	<i>(Signature)</i>
3	BIMAL BASTIN	S6 ME - A	<i>Bimal</i>
4	ARAVIND.M.S	S6 ME - A	<i>Aravind</i>
5	AMAL JOSEPH	S4 ME - A	<i>Amal</i>
6	ANTONY BOBAN	S4 ME - A	<i>Antony</i>
7	AJAY P. MURALEEDHARAN	S4 ME - A	<i>Ajay</i>
8	IVIN SEBY K	S4 ME - A	<i>Ivin</i>
9	TOMY JOSEPH	S4 ME - A	<i>Tomy</i>
10	Arjun.T.B	S4 ME - A	<i>Arjun</i>
11	AKSHAY MADHAV	S6 ME - B	<i>Akshay</i>
12	Nichil chandoo	S6 ME - B	<i>Nichil</i>
13	JEWEL SHAJU	S4 ME - A	<i>Jewel</i>
14	Abhijith . T	S6 ME - A	<i>Abhijith</i>
15	Deepak Tom . V	S6 ME - A	<i>Deepak</i>
16	AKSHAY REMESH	S6 ME - A	<i>Akshay</i>
17	SWAROOP . M . P	S6 ME - B	<i>Swaroop</i>
18	PAUL RAPHY . T	S6 ME - B	<i>Paul</i>
19	SACHIN . M . P	S6 ME - B	<i>Sachin</i>
20	RIZWAN	S6 ME - B	<i>Rizwan</i>
21	PRAVEEN . P	S6 ME - B	<i>Praveen</i>
22	SAJID . A . M .	S6 ME - B	<i>Sajid</i>
23	ARNOLD TOM	S6 CSE - A	<i>Arnold</i>
24	HIRAN I H	S6 CSE - A	<i>Hiran</i>
25	Abhinav K Prakash	S6 ME - A	<i>Abhinav</i>
26	Arunkrishnan	S6 ME - A	<i>Arun</i>
27	JAISON XAVIOR	S6 ME - A	<i>Jaision</i>
28	FANAS - R	S4 ME - A	<i>Fanas</i>
29	NIN SUNNY	S4 ME - A	<i>Nin</i>

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*anna*

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DEPARTMENT OF MECHANICAL ENGINEERING			
"PYTHON PROGRAMMING & MECHANICAL SIGNAL PROCESSING"			
SUPPORTED BY ISTE STUDENT CHAPTER KE- 58			
ATTENDANCE SHEET			
12/02/2016 FN Session			
NO	NAME OF THE STUDENT	DEPARTMENT	SIGNATURE
1	VARON MENON	S6- ME-B	<i>[Signature]</i>
2	SODHESH . S	S6- ME-B	<i>[Signature]</i>
3	Linna-Clawrance	S6- ME-B	<i>[Signature]</i>
4	Joson Varghese AJ	S6- ME-B	<i>[Signature]</i>
5	Midhun Antony	S6- ME-B	<i>[Signature]</i>
6	Nair Milind . G.	S6- ME-B	<i>[Signature]</i>
7	ANTONY BOBAN	S4- ME-A	<i>[Signature]</i>
8	AJAY-P. Muraliedharan	S4- ME-A	<i>[Signature]</i>
9	IVIN SEBY K	S4- ME-A	<i>[Signature]</i>
10	Arjun.T.B	S4 ME A	<i>[Signature]</i>
11	JOSHUA VARGHESE	S4 ME A	<i>[Signature]</i>
12	Sudatop . M.P	S6 ME B	<i>[Signature]</i>
13	PAUL RAPHY . T	S6 ME B	<i>[Signature]</i>
14	JEWEL SHAJU	S4 ME A	<i>[Signature]</i>
15	RIZWAN	S6 ME-B	<i>[Signature]</i>
16	Sachin MP	S6 ME-B	<i>[Signature]</i>
17	Paveon P	S6 ME-B	<i>[Signature]</i>
18	Hiran . I.H	S6 CSE-A	<i>[Signature]</i>
19	Arnold Tom	S6 CSE-A	<i>[Signature]</i>
20	SEVIER TOM	S6 CSE-B	<i>[Signature]</i>
21	SIMPSON JOSEPH	S6 CSE B	<i>[Signature]</i>
22	JITHIN JOY C	S6 CSE B	<i>[Signature]</i>
23	AMAL JOSEPH	S4 ME - A	<i>[Signature]</i>
24	JEWELS JOYSON	S4 ME - A	<i>[Signature]</i>
25	AKASH JOIE	S4 ME - A	<i>[Signature]</i>
26	Deepak Tom V	S6 ME - A	<i>[Signature]</i>
27	Abhijith . T	S6 ME - A	<i>[Signature]</i>
28	Akshay Remesh	S6 ME - A	<i>[Signature]</i>
29	ADITHYAN MADHAV	S6 ME - A	<i>[Signature]</i>



From

Sobha Xavier

AP ,CSE DEPT.

Add-On-Course In Charge

To

Principal

JECC

Respected Sir,

The add-on- course for this academic year is scheduled from 6/2/2016 to 19/3/2016..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.

Thanking you.

Yours faithfully

05/01/2016

Cheruthuruthy

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*amans*  
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*Sobha*  
Sobha Xavier P

Recommended

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## Computer Science and Engineering Add-on Course

### Full Stack developer (Basics of Web Programming)

**Pre-requisite:** Basic programming skill.

**Course Objective:** To impart the design, development and implementation of Dynamic Web Pages.

**Course Outcome:**

The student will be able to

1. Develop interactive Web pages using HTML. (CO1)
2. Present a professional document using Cascaded Style Sheets. (CO2)
3. Understand and practice embedded dynamic scripting on client side Internet Programming.(CO3)

**Syllabus:**

Unit 1: HTML Basics (4 Hours) (CO1)

HTML Introduction, HTML Elements, Attributes, HTML Headings, Paragraphs, HTML Formatting, Fonts, Styles, HTML Links, Images, Tables, HTML Lists, Forms, Frames, HTML Colors, Colornames, Colorvalues, HTML Quick List.

Unit 2: CSS Basics (4 Hours)(CO2)

CSS Introduction, Syntax, Background and Border Formatting, Text and Fonts, Tables, Listing, Padding, CSS Animation.

Unit 3: JavaScript (8 Hours)(CO3)

JavaScript Introduction, JavaScript Foundation, JavaScript Intermediate, JavaScript Advanced, Case Study Implementation on JavaScript.

**Instructors:**

1. Mr. Anil Antony, Assistant Professor, CSE.
2. Mr. Thomas George K, Assistant Professor, CSE.


**Web Resources:**

1. <https://www.w3schools.com>
2. <https://www.tutorialspoint.com>

**3. COURSE OUTCOMES VS PO MAPPING:**

SLNo	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	2	3	3	3	1	1	2	1	1	1	3

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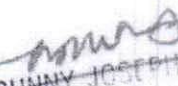
  
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**Computer Science and Engineering  
Add-on Course**

C02	3	2	3	3	2	2	2	1	1	2	2	3
C03	3	3	3	2	2	1	1	1	1	1	2	3
Avg	3	2.3	3	2.7	2.3	1.4	1.4	1.4	1	1.7	1.7	3

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15-16

DEPARTMENT OF CSE-ADD-ON COURSE-Attendance List							
COURSE NAME: Full Stack developer							
Sl No:	Register Number	Name	Attendance				
			06/02/16	20/02/16	27/02/16	05/03/16	19/03/16
1	JYAMECS004	ALWIN VINCENT					
2	JYAMECS039	PAULSY THARAKAN					
3	JYAMECS048	SAFWAN MOIDU					
4	JYAMECS037	NEENU DAVIS .N					
5	JYAMECS041	RADWIN RAPHEL	A				A
6	JYAMECS015	GUO VARGHESE		A			
7	JYAMECS042	RAMYA K					
8	JYAMECS034	NAUA T C					
9	JYAMECS019	JOE MATHEW ALAPPATT			A		
10	JYAMECS017	HIMA HARIDAS					
11	JYAMECS011	ATHIRA S					
12	JYAMECS020	JOSEPH CHAKOLA				A	
13	JYAMECS021	JOVIS JOSEPH ALOOR					
14	JYAMECS009	ARUN RAPPAL C					
15	JYAMECS050	SANJO SIMON			A		
16	JYAMECS022	JUSTINE PAUL M	A				
17	JYAMECS049	SAHANA P S					
18	JYAMECS047	SACHIN NS					
19	JYAMECS027	MAHESH MOHAN. I. M		A			
20	JYAMECS043	REJOICE WILSON E			A		A
21	JYAMECS038	NIVYA JOHNY C					
22	JYAMECS030	MARYBET DAVIS					
23	JYAMECS023	KRISHNAPRASAD K.K.					
24	JYAMECS014	FRANGLY FRANCIS				A	
25	JYAMECS008	APARNA C					A
26	JYAMECS046	RONIYA JOSE C	A				
27	JYAMECS003	AJU J ANTONY					
28	JYAMECS029	MANIKANDAN. K S					
29	JYAMECS006	ANILA BABY					
30	JYAMECS026	LIYANTO PJ			A		
31	JYAMECS025	LIA PULICKAN					
32	JYAMECS005	ANGEL MARIYA PAUL					
33	JYAMECS010	ASWIN S NATH					
34	JYAMECS051	SEETHAL S			A		
35	JYAMECS036	NEENA S					A
36	JYAMECS044	RESHMA RAVEENDURAN	A				
37	JYAMECS031	MEJO ANTONY					
38	JYAMECS007	ANITTA ANNIE ALEX					
39	JYAMECS040	PRİYATHA MATHEW					
40	JYAMECS028	MAJES GEORGE					
41	JYAMECS024	LEENAT CHACKO C					

Let's see what.

Dr. SUNNY JOSEPH KALYATHANKAL  
 M.Tech, MCA, M.Sc. M.Phil. & Ed  
 Ph.D (Computer Science) in U. (M.A.S.I.S)  
 Principal

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42	JYAMECS012	BETSON ANTONY					A
43	JYAMECS032	MINARA P ANTO					
44	JYAMECS016	HASNA BENNY					
45	JYAMECS033	MUHSINA K M	A			A	
46	JYAMECS018	INDHU ASHOK					
47	JYAMECS045	RIYA JOJU					
48	JYAMECS013	DALWIN C D					
49	JYAMECS035	NAVEENA VARGHESE			A		
50	JYAMECS002	AJINA ASSISSI K.P					
51	JYAMECS003	AGNA BASTIAN	A				
52	JYAMECS004	AISWARYA PAULSON					
53	JYAMECS002	ABEE JOE VARGHESE					A
54	JYAOECS 006	AISWARYA C S					
55	JYAOECS 008	AISWARYA ROY			A		
56	JYAOECS 003	ABHISHEK RAJENDRAN	A				
57	JYAOECS 009	AJIL PAUL C					
58	JYAOECS 004	ABIN SHAJU T					A
59	JYAOECS 005	ADHUL THOMAS				A	
60	JYAOECS 007	AISWARYA K PRABHAKARAN					
61	JYAOECS 002	AAYINA K					



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### ADD-ON COURSE FEEDBACK FORM

Topic Title:

SAELHW NS

Participant's Name (optional):

FULL STACK DEVELOPER

#### THE DESIGN OF THE COURSE

	strongly agree	Agree	Neutral	Disagree	Strongly Disagree
1 Whether objectives of the course clear to you ?		X			
2 Does the course content meet to your expectations?		X			
3 Was the lecture sequence well planned?		X			
4 Whether the level of the course was satisfactory?		X			
5 Did the course exposed you to new knowledge and practices?	X				
6 Will you recommend this course to your classmates?	X				

#### CONDUCT OF THE COURSE

1 Was the lecture clear and easy to understand?		X			
2 Were the teaching aids used effectively ?		X			
3 Whether the course materials handed over was adequate?		X			
4 Whether the instructors encouraged interactions and was helpful?					

Are you satisfied with the timing & schedule followed for the course ?

Y  N

Any other comments to improve the course :

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

1  2  3  4  5

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PRINCIPAL

We appreciate your help in evaluating this program

**SUBMITTED**

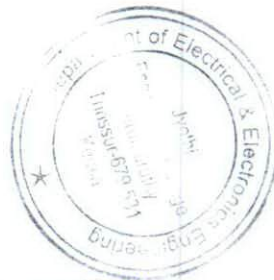
Due to the inconvenience of the resource person we have to prepone the dates of the two day workshop from 11<sup>th</sup> and 12<sup>th</sup> February 2016 to 4<sup>th</sup> and 5<sup>th</sup> February 2016. Kindly grant the permission for the same.

*[Handwritten signature]*  
..20/01

*[Handwritten signature]*  
Sanitha. P  
AP EEE  
ISTE student chapter  
coordinator

True Copy Attested

*[Handwritten signature]*



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

*[Handwritten signature]*  
(top-eee)



IM Code: IM1273  
Chapter Code: KE-58



# Jyothi Engineering College

Approved by AICTE & Affiliated to Kerala Technological University.  
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR  
JYOTHI HILLS, VETTIKKATTI P.O., CHERUTHURUTHY, TRICHUR PIN - 671031 TEL: +91 - 4861 - 274106, 271421 FAX: (91) 4861 - 274227  
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## Indian Society for Technical Education (ISTE) Student Chapter

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### SUBMITTED

**Programme:** Two day Workshop  
**Topic:** INTERNET TOOLS FOR ELECTRICAL APPLICATIONS  
**Date:** 11<sup>th</sup> and 12<sup>th</sup> FEBRUARY 2016  
**No of Participants:** 50  
**Resource Person:** Mr.Akhil R, ECIAN Pvt.ltd,KOTTAYAM

#### Budget Proposal

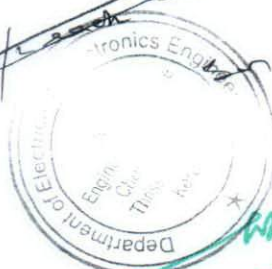
Trainer	-Rs 12000/-	✓
Tea For Trainer- No.*Cost Per snack*No. of tea Break (4*15*4)	-Rs 240/-	
Lunch For Trainer	-Rs 500/-	✓
Certificates-Expected Participants * Cost per Certificate (50*15)	-Rs 750/-	✓
Miscellaneous	-Rs 1000/-	9

-----  
Expected Cost -Rs 14490/-

*Sanctioned the program & the budget is presented. 5000/-  
Sanctioned by Mr. P. S. Suresh (Thousand) / P.S.*

*[Signature]*  
ISTE Dept-In-charge  
Sasitha.P  
AP EEE

*Approved by each collect to students*  
18/1/16



HOD EEE



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

True Copy Attested



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Indian Society for Technical Education (ISTE)  
Student Chapter

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
ISTE Sponsored workshop on **INTERNET TOOLS FOR ELECTRICAL APPLICATIONS**

11<sup>th</sup> and 12<sup>th</sup> FEBRUARY 2016

**Programme Schedule**

11<sup>th</sup> FEBRUARY 2016

09.00am	:	Prayer
09.02am	:	Welcome Speech Prof. RATNAN P, HOD Dept of EEE
09.35am	:	Workshop on <b>INTERNET TOOLS FOR ELECTRICAL APPLICATIONS</b> (Venue: ADVANCED LAB )
10.30am	:	Tea Break
10.40am	:	Session Continues
12.30pm	:	Lunch break
01.45pm	:	Session continues
03.00pm	:	Tea Break
03.10pm	:	Session Continues
04.15pm	:	End of session

True Copy Attested  
*[Signature]*

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Cheruthuruthy P.O.- 679 531



**12<sup>th</sup> FEBRUARY 2016**

**09.00am** : Prayer  
**09.02am** : Workshop on **INTERNET TOOLS FOR ELECTRICAL APPLICATIONS (Venue:ADVANCED LAB )**  
**10.30am** : Tea Break  
**10.40am** : Session Continues  
**12.30pm** : Lunch break  
**01.45pm** : Session continues  
**03.00pm** : Tea Break  
**03.10pm** : Session Continues  
**03.55pm** : End of session  
**04.00pm** : Certificate Distribution & Feedback  
Presentation of Memento to Resource Persons  
**04.15pm** : Vote of Thanks.

**Resource persons:**

1. Mr.Akhil R  
ECIAN Pvt.ltd  
KOTTAYAM  
Ph.8606619043

True Copy Attested

*[Signature]*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
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## ATTENDANCE SHEET

SL NO	NAME	February 4 <sup>th</sup> 2016		February 5 <sup>th</sup> 2016	
		FN	AN	FN	AN
1	ADHIPA KR	<del>Adhipa</del>	<del>Adhipa</del>	<del>Adhipa</del>	<del>Adhipa</del>
2	AISWARYAMURALIDHARAN	X	X	X	X
3	ANN MARIYA VARGHESE	X	X	X	X
4	ANOOP K.G	<del>Anoop</del>	<del>Anoop</del>	<del>Anoop</del>	<del>Anoop</del>
5	ANTONY J MANJILA	<del>Antony</del>	<del>Antony</del>	<del>Antony</del>	<del>Antony</del>
6	ANUSHA BALAN	X	X	X	X
7	A REVATHY GANESH	<del>Revathy</del>	<del>Revathy</del>	<del>Revathy</del>	<del>Revathy</del>
8	ARUNA .K	X	X	X	X
9	ASWATHY M VARGHESE	<del>Aswathy</del>	<del>Aswathy</del>	<del>Aswathy</del>	<del>Aswathy</del>
10	ATHIRA.P	<del>Athira</del>	<del>Athira</del>	<del>Athira</del>	<del>Athira</del>
11	CHANDNI NANDAKUMAR	X	X	X	X
12	CHIPPY JOSE K	<del>Chippy</del>	<del>Chippy</del>	<del>Chippy</del>	<del>Chippy</del>
13	DAVID MATHEW	<del>David</del>	<del>David</del>	<del>David</del>	<del>David</del>
14	DEEPAK SHAJU	<del>Deepak</del>	<del>Deepak</del>	<del>Deepak</del>	<del>Deepak</del>
15	FABIYAN FRANCIS RODRIGUES	<del>Fabian</del>	<del>Fabian</del>	<del>Fabian</del>	<del>Fabian</del>
16	GAYATHRI.P	<del>Gayathri</del>	<del>Gayathri</del>	<del>Gayathri</del>	<del>Gayathri</del>
17	GLADIA JOSE PANAKKAL	<del>Gladia</del>	<del>Gladia</del>	<del>Gladia</del>	<del>Gladia</del>
18	HRIDYA P	<del>Hridya</del>	<del>Hridya</del>	<del>Hridya</del>	<del>Hridya</del>
19	IMMANUEL JOSE	<del>Immanuel</del>	<del>Immanuel</del>	<del>Immanuel</del>	<del>Immanuel</del>
20	ISHAQUE C	<del>Ishaque</del>	<del>Ishaque</del>	<del>Ishaque</del>	<del>Ishaque</del>
21	JESSAE A.N.J	<del>Jessae</del>	<del>Jessae</del>	<del>Jessae</del>	<del>Jessae</del>
22	JINTA JOHN	<del>Jinta</del>	<del>Jinta</del>	X	X
23	JINTO JOY K	<del>Jinto</del>	<del>Jinto</del>	<del>Jinto</del>	<del>Jinto</del>
24	JITHESH.V.K	<del>Jithesh</del>	<del>Jithesh</del>	<del>Jithesh</del>	<del>Jithesh</del>
25	JUDY JOSE AKKARA	<del>Judy</del>	<del>Judy</del>	<del>Judy</del>	<del>Judy</del>
26	LICKIYA C P	<del>Lickiya</del>	<del>Lickiya</del>	<del>Lickiya</del>	<del>Lickiya</del>
27	MAHESH M P	<del>Mahesh</del>	<del>Mahesh</del>	<del>Mahesh</del>	<del>Mahesh</del>
28	MEGHA.P	X	X	X	X
29	NITHISH K S	X	X	X	X
30	NIYA KOCHUMON.C	<del>Niya</del>	<del>Niya</del>	<del>Niya</del>	<del>Niya</del>
31	RANJITH K	<del>Ranjith</del>	<del>Ranjith</del>	<del>Ranjith</del>	<del>Ranjith</del>
32	REAGAN PHILIP	<del>Reagan</del>	<del>Reagan</del>	<del>Reagan</del>	<del>Reagan</del>
33	RESHMA RAJ V	X	X	X	X
34	RIYASUDHEEN P Y	X	X	X	X
35	SHEETHALROSE.C	<del>Sheetal</del>	<del>Sheetal</del>	<del>Sheetal</del>	<del>Sheetal</del>
36	SREELAKSHMI N	<del>Sreelakshmi</del>	<del>Sreelakshmi</del>	<del>Sreelakshmi</del>	<del>Sreelakshmi</del>
37	SREELAKSHMI P	<del>Sreelakshmi</del>	<del>Sreelakshmi</del>	A	<del>Sreelakshmi</del>
38	SREELAKSHMI V MENON	<del>Sreelakshmi</del>	<del>Sreelakshmi</del>	<del>Sreelakshmi</del>	<del>Sreelakshmi</del>
39	SYAMA.U.P	<del>Syama</del>	<del>Syama</del>	<del>Syama</del>	<del>Syama</del>

True Copy Attested



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40	VISHNU VIJAY	<i>Vishnu Vijay</i>	<i>Vishnu Vijay</i>	<i>Vishnu</i>	<i>Vishnu</i>
41	ANJALI S	<i>Anjali S</i>	<i>Anjali S</i>	<i>Anjali</i>	<i>Anjali</i>
42	ANU THOMAS	<i>Anu Thomas</i>	<i>Anu Thomas</i>	<i>Anu</i>	<i>Anu</i>
43	ARATHI P.NATH	<i>Arathi P.Nath</i>	<i>Arathi P.Nath</i>	<i>Arathi</i>	<i>Arathi</i>
44	DIVYA MARGARET DIXON	<i>Divya Margaret Dixon</i>	<i>Divya Margaret Dixon</i>	<i>Divya</i>	<i>Divya</i>
45	DRISYA B KRISHNAN	<i>Drisya B Krishnan</i>	<i>Drisya B Krishnan</i>	<i>Drisya</i>	<i>Drisya</i>
46	MANASA MADHU	<i>Manasa Madhu</i>	<i>Manasa Madhu</i>	<i>Manasa</i>	<i>Manasa</i>
47	NIMITHA R. SHENOY	<i>Nimitha R. Sheno</i>	<i>Nimitha R. Sheno</i>	<i>Nimitha</i>	<i>Nimitha</i>
48	SAI LAKSHMI.K.M	<i>Sai Lakshmi.K.M</i>	<i>Sai Lakshmi.K.M</i>	<i>Sai</i>	<i>Sai</i>
49	SMRUTHI KRISHNA.K	<i>Smruthi Krishna.K</i>	<i>Smruthi Krishna.K</i>	<i>Smruthi</i>	<i>Smruthi</i>
50	SREETHY.S	<i>Sreethy.S</i>	<i>Sreethy.S</i>	<i>Sreethy</i>	<i>Sreethy</i>
51	JOSHUA JOE C.	<i>Joshua Joe C.</i>	<i>Joshua Joe C.</i>	<i>Joshua</i>	<i>Joshua</i>
52	PREETHA FRANCIS	<i>Preetha Francis</i>	<i>Preetha Francis</i>	<i>Preetha</i>	<i>Preetha</i>
53	ANJALI BABU	<i>Anjali Babu</i>	<i>Anjali Babu</i>	<i>Anjali</i>	<i>Anjali</i>
54	SHIBLA P.	<i>Shibla P.</i>	<i>Shibla P.</i>	<i>Shibla</i>	<i>Shibla</i>
55	Nimisha Muralleedharan	<i>Nimisha Muralleedharan</i>	<i>Nimisha Muralleedharan</i>	<i>Nimisha</i>	<i>Nimisha</i>
56	Rosmi James	<i>Rosmi James</i>	<i>Rosmi James</i>	<i>Rosmi</i>	<i>Rosmi</i>
57	Bigoy Johnny	<i>Bigoy Johnny</i>	<i>Bigoy Johnny</i>	<i>Bigoy</i>	<i>Bigoy</i>
EC S6 58	Safa Sherin S	<i>Safa Sherin S</i>	<i>Safa Sherin S</i>	<i>Safa</i>	<i>Safa</i>
EC S6 59	Rinsa Edison	<i>Rinsa Edison</i>	<i>Rinsa Edison</i>	<i>Rinsa</i>	<i>Rinsa</i>
EC S6 60	Swetha.T.M	<i>Swetha.T.M</i>	<i>Swetha.T.M</i>	<i>Swetha</i>	<i>Swetha</i>
EE S9 61	Sijohn C.V	<i>Sijohn C.V</i>	<i>Sijohn C.V</i>	X	X

*8/2/16*  
*Swetha.P*  
*AP EEE*  
*ISTE coordinator*

True Copy Attested

Dr. SUNNY JOSEPH KALAYATHA  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Scienc), Ph.D (Maths)  
PRINCIPAL

Jyothi Engineering College  
Cheruthuruthy P.O. - 679 531





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www.jyothi.ac.in | E-mail: info@jyothi.ac.in

## Department of Electrical and Electronics Engineering "ISTE SPONSORED TWO DAY WORKSHOP ON INTERNET OF THINGS"

February 4<sup>th</sup> and 5<sup>th</sup> 2016

### Participant Feedback Form

We ask that you take a moment to provide your feedback. Your responses will be used to improve future training methods. Your feedback is important to us.

#### Course Evaluation

This section helps us understand how future training may need to be adjusted to best respond to participant's needs.

On a scale of 1-4 where, 1 is strongly disagree and 4 is strongly agree, please circle the most appropriate answer:

1 The course venue was:

- |  |     |   |   |     |
|--|-----|---|---|-----|
| a) Comfortable                         | 1   | 2 | 3 | 4 ✓ |
| b) well located                        | 1   | 2 | 3 | 4 ✓ |
| c) food and refreshments were adequate | ✓ 1 | 2 | 3 | 4   |

comments: Refreshments and food should be provided by coordinating committee.

2 The course content was:

- |                       |   |   |     |     |
|-----------------------|---|---|-----|-----|
| a) Relevant           | 1 | 2 | 3   | 4 ✓ |
| b) Comprehensive      | 1 | 2 | 3 ✓ | 4   |
| c) Easy to understand | 1 | 2 | 3   | 4 ✓ |

Comments:

3 The course was:

- |  |   |   |     |     |
|--|---|---|-----|-----|
| a) Well paced                                  | 1 | 2 | 3 ✓ | 4   |
| b) Breaks were sufficient                      | 1 | 2 | 3 ✓ | 4   |
| c) A good mix between listening and activities | 1 | 2 | 3   | 4 ✓ |

Comments:

True Copy Attested

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

- 4 The activities were useful learning experiences 1 2 3 ✓ 4  
 Comments:
- 5 The facilitators were:
- a) Knowledgeable 1 2 3 ✓
  - b) Well-prepared 1 2 3 ✓ 4
  - c) Responsive to participant's questions 1 2 3 ✓
- Comments:

6 Overall opinion about this 2 day program? *Effective, interesting, thought making for projects.*

Name and Dated signature of the Participants: *SREETHY.S* *[Signature]*  
*05/12/2016*

Thank you for participating, we appreciate your feedback.

True Copy Attested

*[Signature]*

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

## Report of the ISTE JECC chapter sponsored 2 day workshop on "INTERNET OF THINGS"

Sub: Detailed report of the ISTE JECC chapter sponsored 2 day workshop on "INTERNET OF THINGS" conducted during the period from 4<sup>th</sup> to 5<sup>th</sup> February 2016 in the EEE department of JYOTHI ENGINEERING COLLEGE, Cheruthuruthy, Thrissur.

### Ref:

- 1 Detailed schedule of the workshop
- 2 List of Registered participants
- 3 Photos of inaugural function

The main objective of the workshop was to familiarize us with the "Internet of Things" and its applications in various fields of Electrical Engineering. The workshop was focused on the pre final Batch students thereby enabling them to have a hands on experience with IOT and its applications, so that they could develop new more ideas in the field of engineering especially to their B.Tech projects.

The workshop received very good response from participants. The total no. of participants for the workshop was 50. Among that 20 students were from S6 EEE, 30 students from S8 EEE and 3 from S7 ECE.

The IOT workshop was inaugurated on 6<sup>th</sup> February 2016 by Mr. Ratnan P., HOD of EEE department. Ms. Rosmi James from S6 EEE welcomed the gathering. Mr. Ratnan P., HOD of EEE department delivered the presidential address and declared that the workshop was open. The workshop commenced at 9.30a.m in Advanced Electrical Laboratory of Jyothi engineering college. The ISTE staff coordinator Ms. Saritha P., Assistant professor of EEE department, ISTE student coordinator Mr. Mahesh M.P. was also present during the inaugural function.

The 2 day workshop was conducted by Mr. Akhil & Team from Rajiv Gandhi Institute of Technology, Erunakulum.

## Details of various sessions during the workshop

### Day, 1. Session, 1

Session 1 was based on the fundamentals of "Internet of Things" and various applications of this. Drones and Quadra-copter usage were the main attractions of this session.

### Day1, Session2

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

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*Rosmi*

This session was based on the application of Arduino board on various types of devices and how ZUMO robot is used with arduino board. The construction of the W5100 was also dealt with.

## Day2, Session 1

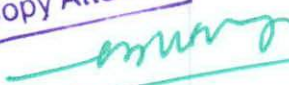
This session on W5100 construction continued and 1 practical application of IOT was implemented using LAN for controlling a series of LED lights. To prevent boredom, another small drone presentation was conducted and discussion on drone construction, cost and design was conducted.

## Day2, session2

In this session we were shown how to write a program for IOT using the LAN  
Separate feedback about the course was collected from each participant. From these feedbacks it was evident that the 2 day workshop was very beneficial to all participants.

The valedictory function was held on 5<sup>th</sup> February at 3.00p.m. The function was graced by the ISTE staff coordinator Ms. Saritha P. Assistant Professor of EEE department. Ms. Aarathi of S6 EEE department proposed vote of thanks. The gathering was dispersed at 3.30p.m

True Copy Attested

  
Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc. M.Phil and  
Ph.D (Computer Science, Ph.D (IIT Madras))  
Jyothi Engineering College  
Cherthala P.O - 679 551



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## Department of Electrical and Electronics Engineering "ISTE SPONSORED TWO DAY WORKSHOP ON INTERNET OF THINGS"

February 4<sup>th</sup> and 5<sup>th</sup> 2016

### Participant Feedback Form

We ask that you take a moment to provide your feedback. Your responses will be used to improve future training methods. Your feedback is important to us.

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On a scale of 1-4 where, 1 is strongly disagree and 4 is strongly agree, please circle the most appropriate answer:

1 The course venue was:

a) Comfortable

1 2 3 4

b) well located

1 2 3 4

c) food and refreshments were adequate

1 2 3 4

Comments:

2 The course content was:

a) Relevant

1 2 3 4

b) Comprehensive

1 2 3 4

c) Easy to understand

1 2 3 4

Comments:

3 The course was:

a) Well paced

1 2 3 4

b) Breaks were sufficient

1 2 3 4

c) A good mix between listening and activities

1 2 3 4

Comments:

True Copy Attested

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



opies

4 The activities were useful learning experiences 1 2 (3) 4  
Comments:

5 The facilitators were:  
a) Knowledgeable 1 2 (3) 4  
b) Well-prepared 1 (2) 3 4  
c) Responsive to participant's questions 1 2 3 (4)  
Comments:

6 Overall opinion about this 2 day program?

Name and Dated signature of the Participants: ECE Department

Thank you for participating, we appreciate your feedback.

True Copy Attested

*Sunny*

Dr. SUNNY JOSEPH KALAYATHANKAL  
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Ph.D (Computer Science), Ph.D (Maths)  
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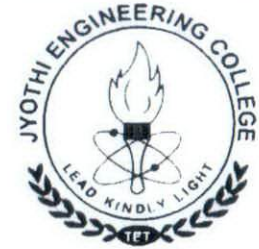
# Indian Society for Technical Education



IM CODE: 1273  
CHAPTER CODE: KE-45

## Jyothi Engineering College

Cheruthuruthy, Thrissur- 679531



### Certificate

*Certified that Mr ./Ms ..... has actively participated in the IIOT workshop conducted by ISTE in association with Department of Electrical & Electronics Engineering during 4,5 Feb 2016.*

ASWATHY RAJAN  
Course Coordinator  
Asst. Prof EEE

  
SARITHA P  
Secretary, ISTE  
JECC Chapter

RATNAN P  
Head of the department  
EEE

True Copy Attested

  
Dr. K.K. BABU  
Principal & Chairman, ISTE  
JECC Chapter  
Jyothi Engineering College  
Cheruthuruthy, P.O. 679531

# Workshop Report


## Data Analytics with R programming

Venue: CAD civil lab

Date: 4<sup>th</sup>, 5<sup>th</sup> February 2016



A two day Workshop was conducted by the IEDC "Data analytics with R programming" on 4<sup>th</sup> and 5<sup>th</sup> February 2016 in association with IEI (Computer Science Student Chapter). Mr. Sreekanth knowledge officer, ICT academy was the resource person. The workshop was mainly intended for s6 students, active participation of 57 students was there from different departments. Both days of the workshop started at 9 am and concluded at 4:30 pm. The 1<sup>st</sup> day of the workshop mainly concentrated on the R programming, an upcoming data analytic tool. And the next day 'R studio' was introduced to the students. The class was very interactive. On second day there was a live execution of an example a "survey analysis". The workshop was very effective because, the data analytics is a upcoming branch in the IT field. For everyone who participated the workshop got a login id for the paathshala.com. At the end of the program a memento was presented to the Resource person by the IEDC Chairman professor Varghese Job. Certificates for the participants were also distributed by the IEDC club members.

  
Nodal Officer


IEDC



Dr. K. K. BABU  
Principal  
Jyothi Engineering College  
Cheruthuruthy. Pin - 679 531



True Copy Attached

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

College Name: **Jyothi Engineering College**  
 Date: 04-02-16 to 05-02-16  
**Training in R Programming**

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 PRINCIPAL  
 Jyothi Engineering College

# Techathlon

Date: 28<sup>th</sup> January 2016

Venue: Technopark TBI



ICT Academy of Kerala organized its first Annual Technology event 'Techathlon' for its member institutes. The contest was developed in line with the Employability Skills requirements of companies, where contestants were tested for their problem-solving skills, coding skills, inter-personal skills and communication skills. Five-member teams from member colleges would contest in the regional round scheduled at three locations in Kerala on January 16, followed by the state finals at Techno park on January 28. The winning team got with a cash prize of Rs 1 lakh sponsored by UST Global and the runners-up will get a cash prize of Rs 50,000.

We Jyothi Engineering College won the **First** prize for this contest. The Team members are


1. Manu C Paul
2. Amrutha V.V
3. Varun Menon Nallur
4. Ashith Wilson
5. Stephy Akkara

  
Nodal Officer  
IEDC

  
Dr. K. K. BABU  
Principal  
Jyothi Engineering College  
Cheruthuruthy, Pin - 679 531



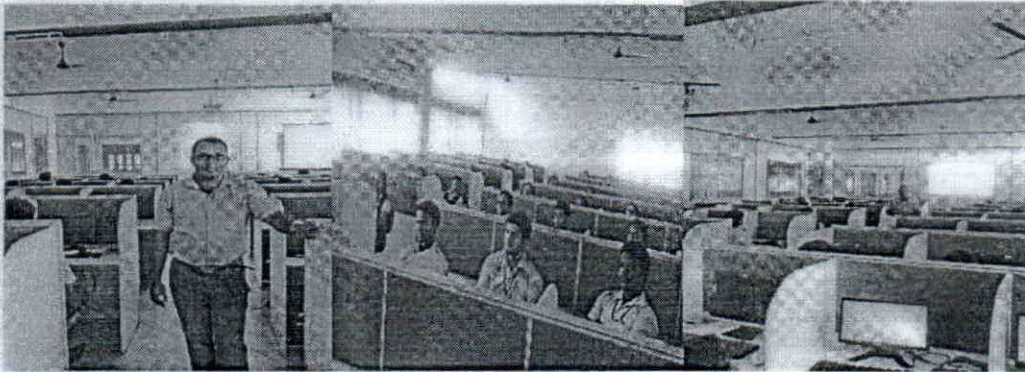
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Cheruthuruthy P.O. - 679 531


## Workshop Report "Robotics"

Venue: Computer Center

Date: 21/01/16 AN



Workshop was conducted by the IEDC on the topic "Robotics" on 21<sup>st</sup> January 2016. Mr. Sreekanth Asst. Prof., ECE dept, Jyothi Engineering College was the resource person. The workshop was mainly intended for S6 students, active participation of 38 students was there from different departments. The workshop started after lunch break at 1.30 pm and concluded at 4:30 pm. The workshop mainly focuses on different types of Robots & its relevance. A certificate was presented to the Resource person by the IEDC Nodal Officer Mr. Anil Antony. Certificates for the participants were also distributed by the IEDC club members.

  
Nodal Officer  
IEDC

  
Dr. K. K. BABU  
Principal  
Jyothi Engineering College  
Cheruthuruthy, Pin - 679 531



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**Jyothi Engineering College**  
**"ROBOTICS" Workshop**

Organized by Innovation & Entrepreneurship Development Centre

SIno	Name	Branch	Signature
1.	VARON MENON NALLUR	ME-B	<i>Varon</i>
2	JAISSON ELIAS	ME-A	<i>Jai</i>
3.	DINAY K.P	ME-A	<i>Dinay</i>
4.	BIMAL BASTIN	M.E-A	<i>Bimal</i>
5	ARAVIND.M.S	ME-A	<i>Aravind</i>
6.	JISNA JAISSON.T	CSE-B	<i>Jisna</i>
7	SONA.S	CSE-B	<i>Sona</i>
8	DRISYA.B KRISHNAN	EEE	<i>Drisya</i>
9	ARATHI.P.NATH	EEE	<i>Arathi</i>
10	JUDY JOSE ARKOTTA	EEE	<i>Judy</i>
11	Asanathy M.Varghese	EEE	<i>Asanathy</i>
12	EDWIN ANDREWS	ECE	<i>Edwin</i>
13	NAMITHA.C. ANTO	ECE	<i>Namitha</i>
14.	Fathima Thameem.M	ECE	<i>Fathima</i>
15	ARNOLD TOM	CSE-A	<i>Arnold</i>
16	CHRISTO JOY VARGHESE	CSE-A	<i>Christo</i>
17	HARRY JOHN	CSE-A	<i>Harry</i>
18	FRANCIS T.P	CSE-A	<i>Francis</i>
19	HIRAN.I.H	CSE A	<i>Hiran</i>
20	DELILA JOSEPH	CSE A	<i>Delila</i>
21	Linson.K.Vincent	SGECEB	<i>Linson</i>
22.	Sajin.Thomas	SGECEB	<i>Sajin</i>
23.	V.S. Shyali	SGECEB	<i>V.S.</i>
24	Sneha. P.M	SGECEB	<i>Sneha</i>
25	AnnMariya.James	SGCSEA	<i>AnnMariya</i>
26	JESNI TOMY	SGCSEA	<i>Jesni</i>
27	Choisty Robert	SGCSEA	<i>Choisty</i>

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*Sunny*  
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IM Code: IM1273  
Chapter Code: KE-58



Indian Society for Technical Education (ISTE)  
Student Chapter

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
ISTE Sponsored workshop on PCB Designing

9<sup>th</sup> October 2015

Programme Schedule

9<sup>th</sup> of Oct 2015

- 09.00am : Prayer
- 09.02am : Welcome Speech Mr. Ratnan P, HOD Dept of EEE
- 09.10am : Workshop starts (Venue: ADVANCED LAB )
- 10.50am : Tea Break
- 11.00am : Session Continues
- 12.30pm : Lunch break
- 01.45pm : Session continues
- 03.00pm : Tea Break
- 03.10pm : Session Continues
- 04.10pm : Certificate Distribution & Feedback
- 04.15pm : Vote of Thanks

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*Sunny*

Resource persons:

1. Rapid Techs  
Viyyur,  
Thrissur.

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Cheruthuruthy P.O.- 679 531

Forwarded to the

Principal - *[Signature]*  
5/10/15

*[Signature]*  
3/10/15  
Raj-C  
Coordinator

*[Signature]*  
3/10/15  
Sanitha P  
ISTE Student Chapter  
Co-ordinator



# Jyothi Engineering College

Approved by AICTE & Affiliated to Kerala Technological University  
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRISSUR

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**Indian Society for Technical Education(ISTE)**

IM code :IM 1273

Chapter code :KE - 58

## Student Chapter

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### SUBMITTED

Programme	: One day Workshop	
Topic	: PCB Designing	
Date	: 9 <sup>th</sup> October 2015, 9am to 4.15pm	
No. of participants:	69	
Resource person :		
Budget proposal		
Remuneration for the trainer		- Rs 5000/- 2
Electronic Component Kit		-Rs 3500/- 2
Tools		-Rs 1000/- 2
Tea for participants -No. *Cost per snack* No. of tea break (75*14*2)		-Rs 2100/- 2
Lunch for trainer		-Rs 300/-
Certificates- Expected Participants*cost per certificate (70*13)		-Rs 910/- 2
Certificate designing cost		-Rs 200/- 2
Miscellaneous		

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

PRINCIPAL

Jyothi Engineering College  
Cheruthuruthy P.O.- 679 531 - Rs 13510/-

Expected Cost

Course Coordinators

*Redha Raj* 3/10/15

*Arthun K.V.* 3/10/15

To F.M. *[Signature]*

ISTE DEPT. IN CHARGE

HOD EEE



# Jyothi Engineering College

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## One Day Workshop On PCB Designing

Department: EEE  
Session : FN

Semester: Third  
Date : 9/10/2015

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JYAOEEE 002	AJINS JOHNSON E	
JYAOEEE 003	AJITH MOZHIPARAMBIL	
JYAOEEE 004	AKHILA RAJ T	
JYAOEEE 005	ALEX FRANCIS C F	
JYAOEEE 006	ANAY ANTO C J	
JYAOEEE 007	ANIL C BALAKRISHNAN	
JYAOEEE 008	ANJALI ASHOK	
JYAOEEE 009	ANN MARY AUGUSTINE	
JYAOEEE 010	ANTONY JOHNSON	
JYAOEEE 011	ANUJITH NANDAKUMAR	
JYAOEEE 012	ARUN J ALAPPAT	
JYAOEEE 013	BESTO BOSE	
JYAOEEE 014	BROLIN TENCY	
JYAOEEE 015	BYJO WINSON	
JYAOEEE 016	CIBIN PAUL	
JYAOEEE 017	CINTO JOSE E	
JYAOEEE 018	ELROY WILSON	
JYAOEEE 019	FATHIMA IRFANA T K	
JYAOEEE 020	FRANCY JOHNSON	
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JYAOEEE 022	GREESHMA C	
JYAOEEE 023	JERIN BABU P	

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JYAOEEE 027	JOHN PRAKASH	<i>John Prakash</i>
JYAOEEE 028	JOJO LONAPPAN	<i>Jojo Lonappan</i>
JYAOEEE 029	KRISHNAKUMAR	<i>Krishna</i>
JYAOEEE 030	LEO PORINCHU JOY	<i>Leo</i>
JYAOEEE 031	LIVIN VARGHESE	<i>Livin Varghese</i>
JYAOEEE 032	MARTIN JOSEPH	<i>Martin</i>
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JYAOEEE 035	NITHIN JACKSON P	<i>Nithin</i>
JYAOEEE 036	NOBLE BENNY	<i>Noble</i>
JYAOEEE 037	PRASANTH THOMAS K	<i>Prasanth</i>
JYAOEEE 038	PRAVEEN DAS K	<i>Praveen</i>
JYAOEEE 039	PREETHI P J	<i>Preethi</i>
JYAOEEE 040	RESHNA P R	<i>Reshna</i>
JYAOEEE 041	RESTO ROY	<i>Resto</i>
JYAOEEE 042	REVA K R	<i>Reva</i>
JYAOEEE 043	SANDEEP JAMES	<i>Sandeep</i>
JYAOEEE 044	SARATH N	<i>Sarath</i>
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JYAOEEE 046	SIMON THOMAS	<i>Simon</i>
JYAOEEE 047	SOLOMON JOSEPH	<i>Solomon</i>
JYAOEEE 048	SOUMYA JOHNSON	<i>Soumya</i>

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JYAOEEE 052	SUMAYYA THASNEEM P	<i>[Signature]</i>
JYAOEEE 053	TERIN K JOHNSON	<i>[Signature]</i>
JYAOEEE 054	VEENA P	<i>[Signature]</i>
JYAOEEE 055	VISHNU	<i>[Signature]</i>
56	AJO K S	<i>[Signature]</i>
57	AMAL ASHOK	Absent
58	ANAND PAUL N.T	<i>[Signature]</i>
59	ANTONY JASHIL	Absent
60	CHRISTY PIOUS	<i>[Signature]</i>
61	HARINARAYANAN V K	Absent
62	JESTIN JOY ILLICKAL	Absent
63	JESTO JOHNSON	Absent
64	JITHIN C G	<i>[Signature]</i>
65	RINSON JOSEPH	<i>[Signature]</i>
66	SEBY THOMAS	<i>[Signature]</i>
67	SUJITH KUMAR M.V	<i>[Signature]</i>
68	SWABIN DAS S	Absent
69	VISHNU V	<i>[Signature]</i>

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Session : AN

Semester: Third  
Date : 9/10/2015

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JYAOEEE 020	FRANCY JOHNSON	
JYAOEEE 021	GEETHANJALI P G	
JYAOEEE 022	GREESHMA C	
JYAOEEE 023	JERIN BABU P	

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Dr. STEPHEN JOSEPH KALAYATHANKAL  
M.Sc., M.Phil., B.Ed.

*Handwritten signature*



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Roll No	Name of Student	Signature
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JYAOEEE 025	JITHIN K C	Absent
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JYAOEEE 029	KRISHNAKUMAR	<del>Krishna</del>
JYAOEEE 030	LEO PORINCHU JOY	<del>Leo</del>
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JYAOEEE 036	NOBLE BENNY	<del>Noble</del>
JYAOEEE 037	PRASANTH THOMAS K	<del>Prasanth</del>
JYAOEEE 038	PRAVEEN DAS K	<del>Praveen</del>
JYAOEEE 039	PREETHI P J	Preethi
JYAOEEE 040	RESHNA P R	<del>Reshna</del>
JYAOEEE 041	RESTO ROY	<del>Resto</del>
JYAOEEE 042	REVA K R	Reva
JYAOEEE 043	SANDEEP JAMES	Sandeep
JYAOEEE 044	SARATH N	<del>Sarath</del>
JYAOEEE 045	SIBY BABU	<del>Siby</del>
JYAOEEE 046	SIMON THOMAS	<del>Simon</del>
JYAOEEE 047	SOLOMON JOSEPH	<del>Solomon</del>
JYAOEEE 048	SOUMYA JOHNSON	<del>Soumya</del>

Dr. SUNNY JOSEPH KALAYATHANKAL  
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Ph.D (Computer Science), Ph.D (Maths)

PRINCIPAL

Form Copy Attested

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# Jyothi Engineering College

Approved by AICTE & Affiliated to Kerala Technological University  
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF THRISSUR

JYOTHI HILLS, VEETIKKATTUR P.O., CHERUTHURUTHY, THRISSUR PIN - 679531. PH: 01 - 1981 - 274198, 274123 FAX: 01981 - 274777  
www.jecc.ac.in | E-mail : info@jecc.ac.in

Roll No	Name of Student	Signature
JYAOEEE 049	SREEHARI R	
JYAOEEE 050	STANLY VINCENT T	
JYAOEEE 051	STEFFAN JONES	
JYAOEEE 052	SUMAYYA THASNEEM P	
JYAOEEE 053	TERIN K JOHNSON	
JYAOEEE 054	VEENA P	
JYAOEEE 055	VISHNU	
56	AIJO K S	
57	AMAL ASHOK	Absent
58	ANAND PAUL N.T	
59	ANTONY JASHIL	Absent
60	CHRISTY PIOUS	
61	HARINARAYANAN V K	Absent
62	JESTIN JOY ILLICKAL	Absent
63	JESTO JOHNSON	Absent
64	JITHIN C G	
65	RINSON JOSEPH	
66	SEBY THOMAS	Absent
67	SUJITH KUMAR M D	
68	SWABIN DAS S	
69	VISHNU V	

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Jyothi Engineering College  
Cheruthuruthy P.O.-679531



# FEEDBACK FORM

Course title : One Day Workshop on P C B Designing  
 Organised by : Dept. of Electrical & Electronics Engg .  
 Duration : 09-10-2015(One day)JECC ,Thrissur

Coordinators :Ms. Aathira.K.V,Ms.Reshma Raj.C- Asst.Prof.JECC ,Thrissur

Rating by the participants on the size of 10.

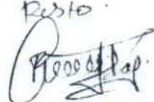
10	9	8	7	6	5	4	3	2	1	0
----	---	---	---	---	---	---	---	---	---	---

*(Tick mark in relevant boxes)*

1	Structure of course	Very well planned <input checked="" type="checkbox"/> <input type="checkbox"/>	Well planned <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Less planned <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	No planning <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	Teaching Faculty	Very effective <input checked="" type="checkbox"/> <input type="checkbox"/>	Effective <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Less effective <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	No effective <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3	Hands on session	Very useful <input checked="" type="checkbox"/> <input type="checkbox"/>	Useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Less useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	No useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4	Interaction with faculty	Excellent <input checked="" type="checkbox"/> <input type="checkbox"/>	Very good <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Just ok <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Poor <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5	Usefulness of course	Very useful <input checked="" type="checkbox"/> <input type="checkbox"/>	Useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Less useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Not useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6	General arrangement	Excellent <input type="checkbox"/> <input type="checkbox"/>	Very good <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Just ok <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Poor <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7	Lab sessions	Very useful <input checked="" type="checkbox"/> <input type="checkbox"/>	Useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Less useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Not useful <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Your suggestions / comments for further improvements (if any)

Date: 9-10-15

Name and sign of participants: *Reshma*  


Name and sign of coordinators: *True Copy Attested*

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

# Indian Society for Technical Education

## Jyothi Engineering College

Cheruthuruthy, Thrissur- 679531



IM CODE: 1273  
CHAPTER CODE: KE-45

### Certificate

*Certified that Mr./Ms ..... has actively  
Participated in the one day Workshop on PCB Designing Conducted by ISTE in association with  
Department of Electrical & Electronics Engineering during 9<sup>th</sup> October 2015.*

Ms. RESHMA RAJ.C  
Course Coordinator  
Asst. Prof EEE

Ms. AATHIRA K.V  
Course Coordinator  
Asst. Prof EEE

Ms. SARITHA P  
Secretary, ISTE  
JEEC Chapter

Dr. K.K BABU  
Principal & Chairman  
JEEC Chapter

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Jyothi Engineering College  
Cheruthuruthy P.O.-679 531

Submitted

Subject: ISTE workshop on Python

Sir,

ISTE chapter Jyothi engineering college would like to conduct a workshop on Python on 22<sup>nd</sup> and 23<sup>rd</sup> of September 2015 in association with ECSA, JECC. So I request you to provide the permission and suggestions for the same.

Thanking You



Dipin Krishnan B

Department ISTE coordinator


inverted

18/09/15

HOD ECE

Yes

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# ISTE



IN ASSOCIATION WITH ECESA

2015

## WORKSHOP ON

## PYTHON - RASPBERRY PI

## ON

# 22&23

# SEP

AT  
SYSTEM  
SIMULATION  
LAB [AEI]

*mmms*  
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Cheruthuruthy, P.O. - 679531

BY



Grey Technolab  
CONSULTING & TRAINING



# Jyothi Engineering College

Cheruthuruthy, Thrissur

Indian Society for Technical Education  
(ISTE) Chapter



CREATING TECHNOLOGY  
LEADERS OF TOMORROW

IM Code: IM1273  
Chapter Code: KE-45

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ISTE Sponsored workshop on PYTHON  
In Association with ECSA

22<sup>nd</sup> & 23<sup>rd</sup> September 2015

### Programme Schedule

09.15 am:	Prayer	
09.16am:	Welcome Speech:	Mr. Aswin Baby, President, ISTE Student Chapter, JECC
09.20 am:	Inaugural Address:	Dr. Jose P Therattil, HOD, Dept of ECE
09.25 am:	Felicitation:	Ms. Sarith P Coodinator ISTE- Student chapter, JECC. Asst. Prof, EEE Dept. JECC
09.30 am:	Vote of thanks	Mr. M. Abhilash Nair Department Coordinator, ISTE-ECE

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Cheruthuruthy P.O. - 679 531  
HOD, ECE

DIPINKRISHNAN R.  
ISTE course coordinator

Day 1: 22-09-2015


09.35am : Workshop on Python (Venue: VLSI Lab, ECE Dept.)  
11.00am : Tea Break  
11.10am : Session Continues  
12.30pm : Lunch break  
01.45pm : Session Continues  
03.00pm : Tea Break  
03.10pm : Session Continues

Day 2: 22-09-2015

09.35am : Workshop on Python (Venue: VLSI Lab, ECE Dept.)  
11.00am : Tea Break  
11.10am : Session Continues  
12.30pm : Lunch break  
01.45pm : Session Continues  
03.00pm : Tea Break  
03.10pm : Session Continues  
04.00pm : End of session  
04.00pm : Certificate Distribution & Feedback  
04.15pm : Vote of Thanks.

Resource persons: GREY TECHNOLOGY

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# Report of the ISTE JECC chapter sponsored 2 day workshop on "PYTHON"

Sub: Detailed report of the ISTE JECC chapter sponsored 2 day workshop on PYTHON and RASPBERRY PI conducted during the period from 22<sup>th</sup> September 2015 to 23<sup>th</sup> September 2015 at the ECE department of JYOTHI ENGINEERING COLLEGE, Cheruthuruthy, Thrissur.

The main objective of the workshop was to familiarize the PYTHON and it's applications in various fields of Electronics Engineering. The workshop was mainly focused on the pre S5 students thereby enabling them to have a hands on experience with the Python and raspberry pi along with its applications. The workshop aims at developing new more ideas in the field of engineering especially to their B.Tech mini and main projects. The workshop received very good response from participants. The total no. of participants for the workshop was 41. Among that students 36 were from S5 ECE, 4 from S5 EEE and 1 student from S5 CSE .

The PYTHON workshop was inaugurated on 22th September 2015 by DR JOSE P THERATIL HOD of ECE department. The workshop commenced at 9.30AM in Systems simulation lab of Jyothi engineering college. Mr. Aswin Baby ISTE student chapter president delivered the welcome speech. The 2 day workshop was conducted by Mr. Akhil & Mr. Kuriyan from Grey technolabs, Cochin. The participants were divided into small groups having 5 members and each group was handled by them very efficiently.

## Details of various sessions during the workshop

### Day 1, Session 1

Session 1 was based on the fundamentals of "RASPBERRY PI" and microcontroller.

### Day 1, Session 2

This session included various applications of PYTHON language and its basics.

### Day 2, Session 1

This session was based on the various components of RASPBERRY PI and their working.

### Day 2, session 2

In this session main attraction was application of RASPBERRY PI. Image Processing, PI Camera were also attractions of this session.

Separate feedback about the course was collected from each participant. From these feedbacks it was evident that the 2 day workshop was very beneficial to all participants. The valedictory function was held on 23<sup>th</sup> SEPTEMBER at 4.30 PM. The function was graced by the ECSA coordinator Jinesh K. I. Mr. M ABHILASH NAIR, department coordinator of ISTE proposed vote of thanks. The dispersed at 4.30PM.

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Cheruthuruthy P.O.

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*[Signature]*



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## Department of Electronics & Communication Engineering ISTE Workshop On

### Raspberry Pi - Python In association With ECSA 22<sup>nd</sup> & 23<sup>rd</sup> September 2015 Attendance Sheet

Attendance Sheet Date: 23-09-15/AN

Sl No	Name	Branch	Sem	Signature
1	ANAGHA S	ECE	S5	<i>Anagha</i>
2	ANANYA SASIKUMAR	ECE	S5	<i>Ananya</i>
3	ANASWARA PI	ECE	S5	<i>Anaswara</i>
4	ANVAR SADIQ KM	ECE	S5	<i>Anvar</i>
5	ASWATHI ANIL	ECE	S5	<i>Aswathi</i>
6	ASWATHI KRISHNA A	ECE	S5	<i>Aswathi</i>
7	FEMI	ECE	S5	<i>Femi</i>
8	GREESHMA SIMON	ECE	S5	<i>Greeshma</i>
9	JASNA T	ECE	S5	<i>Jasna</i>
10	JISHNU TB	ECE	S5	<i>Jishnu</i>
11	JULIYA SUNNY	ECE	S5	<i>Juliya</i>
12	JYOTHOSH PM	ECE	S5	<i>Jyothosh</i>
13	KAILAS NATH KK	ECE	S5	<i>Kailas</i>
14	KEERTHANA K	ECE	S5	<i>Keerthana</i>
15	KIRAN TV	ECE	S5	<i>Kiran</i>
16	KIRON RAJ	ECE	S5	<i>Kiron</i>
17	VS ANIALI	ECE	S5	<i>VS Aniali</i>

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18	SANDRA . P.S	ECE	S5	<i>Pandey</i>
19	ANAND RAJAN	EEE	S5	<i>[Signature]</i>
20	ANJALI S	EEE	S5	<i>[Signature]</i>
21	ANU THOMAS	EEE	S5	<i>[Signature]</i>
22	ARATHI P NATH	EEE	S5	<i>[Signature]</i>
23	DIVYA MARGARET	EEE	S5	<i>[Signature]</i>
24	DRISYA B KRISHNAN	EEE	S5	<i>[Signature]</i>
25	HARITHA.K.K	EEE	S5	<i>[Signature]</i>
26	JITHU K SELVAN WYN	EEE	S5	<i>[Signature]</i>
27	JUSTIN P D	EEE	S5	<i>[Signature]</i>
28	SHIBLA P	EEE	S5	<i>[Signature]</i>
29	SMRUTHI KRISHNA K	EEE	S5	<i>[Signature]</i>
30	TONY J VADAKKAN	EEE	S5	<i>[Signature]</i>
31	VISHNU MOHAN	EEE	S5	<i>[Signature]</i>
32	MANASA MADHU	EEE	S5	<i>[Signature]</i>
33	KISHORE . P	EEE	S5	<i>[Signature]</i>
34	VARUN KRISHNAN R R	EEE	S5	<i>[Signature]</i>
35	NESWIN PAUL	EEE	S5	<i>[Signature]</i>
36	PAULSON MJ	EEE	S5	<i>[Signature]</i>
37	VISHNU SASEEDRAN	EEE	S5	<i>[Signature]</i>
38	JOYAL PAUL	EEE	S5	<i>[Signature]</i>
39	SAI LAKSHMI KM	EEE	S5	<i>[Signature]</i>
40	<del>KARTHIKA A S ANJALI BABU</del>	EEE	S5	<i>[Signature]</i>
41	HARRY JOHN	CSE	S5	<i>[Signature]</i>

True Copy Attached

r. SUNNY JOSEPH KALAYATHANKAL  
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Cheruthuruthy P.O. - 679 151

From

Sobha Xavier

AP ,CSE DEPT.

Add-On-Course In Charge

To

Principal

JECC

Respected Sir,

The add-on- course for this academic year is scheduled from 8/8/2015 to 26/9/2015.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.

Thanking you,

08/07/2015

Cheruthuruthy

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*amano*  
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Jyothi Engineering College  
Cheruthuruthy P.O.- 679 531

Yours faithfully

*Sobha*  
Sobha Xavier P

Recommended

*of*

*amano*  
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Jyothi Engineering College

## Add-on Courses

### Programming Python

**Expected Course Outcome:**

1. Describe the core syntax and semantics of Python programming language.
2. Discover the need for working with the strings and functions.
3. Illustrate the process of structuring the data using lists, dictionaries and tuples
4. Infer the Object-oriented Programming concepts in Python.
5. To handling with data and information processing techniques.
6. To solve problems, explore real-world software development challenges, and create practical applications


**Syllabus**

1. Installing Python; basic syntax, interactive shell, editing, saving, and running a script.
2. The concept of data types: variables, Conditions, Boolean logic, logical operators; ranges, Control statements: if-else, loops (for, while).
3. String manipulations, Lists and Tuples, Dictionaries.
4. Concept of function, Function calls.
5. File concepts-Operations.
6. Classes and OOP: classes, objects, attributes and methods, OOP continued: inheritance, polymorphism, Numerical Computations with Python.
7. Matplotlib Introduction, Introduction to pyplot, Python CSV, Creating and Viewing HTML Files with Python, Python MySQL, Web Development using FLASK framework.

**COURSE OUTCOMES VS PO MAPPING:**

SLNo	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	2	3	3	3	1	1	2	1	1	1	3
C02	3	2	3	3	2	2	2	1	1	2	2	3
C03	3	3	3	2	2	1	1	1	1	1	2	3
C04	3	3	3	2	2	1	2	1	1	1	2	3
C05	3	3	3	2	2	2	1	1	1	1	2	3
C06	3	3	3	2	2	2	1	1	1	1	2	3
Avg	3	2.7	3	2.3	2.2	1.5	1.3	1.2	1	1.2	1.8	3

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N.A.A.T Accredited College with AICTE Accredited Programmes\*

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CREATING TECHNOLOGICAL LEADERS OF TOMORROW  
ESTD 2007

NSA, accredited B.Tech Programmes in Mechanical Engineering, Electrical Engineering, Information Technology, Computer Science and Engineering, Civil Engineering, Chemical Engineering, Environmental Engineering, and Biotechnology. AICTE, accredited B.Tech Programmes in Mechanical Engineering, Electrical Engineering, Information Technology, Computer Science and Engineering, Civil Engineering, Chemical Engineering, Environmental Engineering, and Biotechnology. AICTE, accredited B.Tech Programmes in Mechanical Engineering, Electrical Engineering, Information Technology, Computer Science and Engineering, Civil Engineering, Chemical Engineering, Environmental Engineering, and Biotechnology.

## Department of Computer Science and Engineering Add-On Course - Python Programming

### Course Outline

Hour	Topics	COs
1	Installing Python; basic syntax, interactive shell, editing, saving, and running a script.	CO1
2	The concept of data types; variables.	CO1
3	Conditions. Boolean logic, logical operators; ranges	CO1
4	Control statements: if-else, loops (for, while).	CO1
5	String manipulations.	CO2
6	Lists and Tuples.	CO3
7	Dictionaries.	CO3
8	Concept of function, Function calls.	CO2
9	File concepts-Operations.	CO4
10	Classes and OOP: classes, objects, attributes and methods.	CO5
11	OOP continued: inheritance, polymorphism	CO5
12	Numerical Computations with Python.	CO6
13	Matplotlib Introduction.	CO6
14	Introduction to pyplot.	CO6
15	Python CSV.	CO4, CO6
16	Creating and Viewing HTML Files with Python.	CO6
17	Python MySQL.	CO6
18	Web Development using FLASK framework.	CO6
19	Micro project-1	CO1, CO6
20	Micro project-2	CO1, CO6

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## Course objectives:

1. Describe the core syntax and semantics of Python programming language.
2. Discover the need for working with the strings and functions.
3. Illustrate the process of structuring the data using lists, dictionaries and tuples
4. Infer the Object-oriented Programming concepts in Python.
5. To handling with data and information processing techniques.
6. To solve problems, explore real-world software development challenges, and create practical applications.

## Course Outcomes:

COs	Statements
CO1	Interpret the fundamental Python syntax and semantics and be fluent in the use of Python control flow statements.
CO2	Express proficiency in the handling of strings and functions.
CO3	Determine the methods to create and manipulate Python programs by utilizing the data structures like lists, dictionaries and Tuples.
CO4	Identify the commonly used operations involving file systems.
CO5	Articulate the Object-Oriented Programming concepts such as encapsulation, inheritance and polymorphism as used in Python.
CO6	Express proficiency in the handling data and information processing techniques and web development

Proposed By:

Bineesh M. AP CSE Dept.  
Sobha Xavier P, AP CSE Dept.

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DEPARTMENT OF CSE-ADD-ON COURSE-Attendance List

COURSE NAME: Python programming

Sl No:	Register Number	Name	Attendance				
			08/08/15	22/08/15	29/08/15	05/09/15	26/09/15
1	JYAMECS009	ARUN RAPPAL C					
2	JYAMECS014	FRANGLY FRANCIS					
3	JYAMECS012	BETSON ANTONY					
4	JYAMECS010	ASWIN S.NATH					
5	JYAMECS015	GUO VARGHESE	a			a	
6	JYAMECS019	JOE MATHEW ALAPPATT					
7	JYAMECS020	JOSEPH CHAKOLA					
8	JYAMECS013	DALWIN C D		a			
9	JYAMECS004	ALWIN VINCENT					
10	JYAMECS018	INDHU ASHOK			a		a
11	JYAMECS006	ANILA BABY					
12	JYAMECS007	ANITTA ANNIE ALEX					
13	JYAMECS011	ATHIRA S					
14	JYAMECS003	AJU J ANTONY			a		
15	JYAMECS008	APARNA C					
16	JYAMECS005	ANGEL MARIYA PAUL					
17	JYAMECS017	HINJA HARIDAS					
18	JYAMECS016	HASNA BENNY					
19	JYAMECS002	AJINA ASSISSI K.P					
20	JYANEC007	ALBIN VINCE	a		a		
21	JYANEC005	AJIN V ALEX					a
22	JYANEC009	ALFIN LAWRENCE					
23	JYANEC013	ANNMARIYA JAMES.P					
24	JYANEC006	AKASH THOMAS					
25	JYANEC004	AISWARYA PAULSON					
26	JYANEC011	ANJALI C					
27	JYANEC010	ANAGHA PAULSON					
28	JYANEC008	ALEENA SEBY	a				
29	JYANEC003	AGNA BASTIAN			a		
30	JYANEC012	ANNA JOBY					
31	JYANEC002	ABEE JOE VARGHESE					a
32	JYAOECS 011	AKSHARA A					
33	JYAOECS 009	AJIL PAUL C					
34	JYAOECS 020	ANJU P					
35	JYAOECS 014	ANAGHA CHENAMPARAMBIL BOSE					
36	JYAOECS 003	ABHISHEK RAJENDRAN		a			a a a
37	JYAOECS 016	ANEETA MARTIN					
38	JYAOECS 017	ANGEL JOY					a a a
39	JYAOECS 018	ANIKHA KARTHIKA					
40	JYAOECS 010	AKHIL NATH P T					
41	JYAOECS 022	ANU ELIZABETH JOHNY					
42	JYAOECS 008	AISWARYA ROY					
43	JYAOECS 030	DEEPA RAJENDRAN					
44	JYAOECS 013	ALLEN FRANCIS ANTONY					
45	JYAOECS 004	ABIN SHAJU T					
46	JYAOECS 019	ANJALI T	a				
47	JYAOECS 007	AISWARYA K PRABHAKARAN			a		
48	JYAOECS 006	AISWARYA C S					
49	JYAOECS 031	DENITTA DAVIS					
50	JYAOECS 012	ALBIN K JOSE					
51	JYAOECS 032	DENNY JOSE T				a	
52	JYAOECS 027	ASHFAN M A					
53	JYAOECS 025	ARSHA THOMAS	a				
54	JYAOECS 028	ATHIRA L I					
55	JYAOECS 026	ASHA K MURALI					
56	JYAOECS 015	ANARGHA BABY					
57	JYAOECS 029	BROLIN JOSE					
58	JYAOECS 024	ARNOLD ANTOO					
59	JYAOECS 023	ANUMOL C S					
60	JYAOECS 021	ANNA JOSHY					
61	JYAOECS 005	ADHUL THOMAS					
62	JYAOECS 002	AAYINA K					

Dr. SUNNY JOSHY  
 M.Tech, MCA, M.Sc, M.Phil, Ph.D (Qualis)  
 Ph.D (Computer Science), Ph.D (Qualis)  
 Jyothi Engineering College  
 Chennai

True Copy Attested by SUNNY JOSHY AYATHANKAL  
 M.Tech, MCA, M.Sc, M.Phil, Ph.D



**ADD-ON COURSE FEEDBACK FORM**

Topic Title: *Python Programming*

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

**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?	✓				

Are you satisfied with the timing & schedule followed for the course ?

Y	N
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any other comments to improve the course : —

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

5

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

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

DEAPRTMENT OF CSE- ADD-ON COURSE SCHEDULE

ADD-ON COURSE	DATE & DAY	HOURS ALLOTTED	VENUE
Full Stack developer (Basics of Web Programming)	06/02/2016(SATURDAY)	1 to 7th Hour	Data structure lab
	20/02/2016(SATURDAY)	1 to 7th Hour	
	27/02/2016(SATURDAY)	1 to 7th Hour	
	05/03/2016(SATURDAY)	1 to 7th Hour	
	19/03/2016(SATURDAY)	1 to 7th Hour	

Total Hours

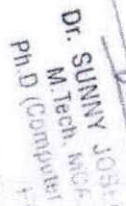
35

  
Staff In-Charge  
Ms. Bineesh M

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06-08-2015

SUBMITTED

**Sub: Allotment of venue for the inauguration and conduct of the 2 day National level workshop- AZIKSA 15 on August 7<sup>th</sup> and 8<sup>th</sup>, 2015**

Kindly allocate the following facilities towards the smooth conduct of the 2 day Workshop- **AZIKSA 15 – Raspberry Pi Python Workshop** scheduled to be conducted under the auspices of IEEE Student Branch during August 7<sup>th</sup> and 8<sup>th</sup> 2015.

1. Project Lab— CSE Dept. (August 7<sup>th</sup> and 8<sup>th</sup>)
2. White Boards—1
3. LCD Screen -1
4. Mic set -1
5. LCD Projectors, HDMI cable, HDMI to VGA cable—1set
6. Internet Access with Administrator Privilege
7. Guest Room (August 7<sup>th</sup> and 8<sup>th</sup>) *crystaline*

Also the service of the following faculty members are essential for the smooth conduct of the event on 7<sup>th</sup> & 8<sup>th</sup> August (Second Saturday). So kindly grant us the compensation for the duty being performed on the day mentioned.

1. Mr. Jinesh KJ, AP ECE
2. Mr. Aneesh P B, Trade Instructor, Computer Centre

*[Handwritten signature]*

Thanking You,

*[Handwritten signature]*  
06/08/15  
Dr. Jose P Therattil

IEEE SB Counselor  
JECC

True Copy Attested

*[Handwritten signature]*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
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679-531

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21



**Jyothi Engineering College, Cheruthuruthy**  
**IEEE STUDENT BRANCH**



Branch Code: 63281

School Code: 416181404

CREATING TECHNOLOGY  
LEADERS OF TOMORROW

To  
The Finance Manager,  
JECC.

Respected Sir,

Sub: Details of the proposed 2-Day National level Workshop –AZIKSA v 3.0 on  
‘RASPERRY PI WITH PYTHON’ conducted under the auspices of Women In Engineering  
Affinity Group of IEEE Student Branch of Jyothi Engg. College .

Details of AZIKSA v 3.0

**Objective of the program:**

To enhance the technical knowledge of the students in the areas of current relevance to the industries, thereby making them more employable and confident to face the challenges of the engineering world. Special emphasis is given on the women empowerment to facilitate the recruitment and retention of women in technical disciplines. Raspberry Pi, the powerful, linux based computer expected to revolutionize the computer World From writing your own games building Robots or controlling a coffee machine you will be amazed at what it can do. Explore the fascinating and fun world of Raspberry Pi

**Venue (To be finalized) :**

Inauguration---Decennial Hall  
Workshop—PCI lab, AEI Dept.

Dates scheduled for conducting the short term course :  
August 7<sup>th</sup> and 8<sup>th</sup> 2015.

**Details of the Resource persons:**

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*(Signature)*

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# Jyothi Engineering College<sup>®</sup>

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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 - 274198, 274428 FAX: 04884 - 274777  
www.jecc.ac.in | E-mail: info@jecc.ac.in

in association with ACT IIT Kharagpur

## 2 DAYS WORKSHOP on "RASPBERRY PI"

Workshop on Design and Development  
of Raspberry Pi Based System



AUG  
7, 8

### Course Content

Introduction  
CHIPS  
Hardware  
Software  
ARM 7TDMI  
Basic hardware setup/Accessories needed  
Raspberry Pi Demonstration  
Getting started in Runtime environment  
Reception and influence

### Resource Person

Team TechBharat Consulting

### Registration Fees

Rs. 700/- per head for IEEE members  
Rs 850/-per head for non IEEE members  
**Kit will be provided in a group of 5**

### Coordinators

Joe Mathew : 9447770143  
Venu Gopal : 8089213942  
Vishnu k nair : 8606137229

### Certification

After Successful completion of the workshop  
each participant will get certificate from  
TechBharat Consulting and **ACT IIT Kharagpur**

**Associated Partner: ACT IIT Kharagpur**  
and TechBharat Consulting



ACT IIT Kharagpur



Tech  
Bharat  
Consulting



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PRINCIPAL  
Engineering College  
679 531

### Communication Address

Jyothi Engineering College, Thrissur  
Jyothi Hills, Panjal Road, Vettikkattiri PO  
Thrissur, Cheruthuruthy, Kerala 679531

Website: [www.aziksa.in](http://www.aziksa.in)

**AZIKSA 15**  
**RASPBERRI PI PYTHON**  
**ATTENDANCE SHEET**  
 Dept. of CSE

SINO	NAME	BRANCH & SEM	07-08-2015		08-08-2015		
			FN	AN	FN	AN	
✓ 1	JOYNER JOHNSON	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 2	JEEVA JOSEPH	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 3	K NISHA	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 4	EDWIN LINGSON	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 5	ANJU P NAIR	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 6	ELDIYA THOMAS V	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 7	DENITTA DAVIS	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	ANU Elizabeth Johnny	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 9	ANNA JOSHY	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 10	FRUO JOHNSON	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 11	ADHUL THOMAS	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	ABIN Srijin T	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 13	ARSHA THOMAS	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 14	AISWARYA C S	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 15	DEEPA RAJENDRAN	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	JO THOMAS	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

True Copy Requested

*[Signature]*  
 10/08/15  
 HOD CSE

Sunny

AZIKSA 15

Dr. SUNNY JOSEPH KALAYATHANKAL  
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 PRINCIPAL  
 Jyothi Engineering College  
 Cheruthuruthy P.O. - 679 531

**AZIKSA 15  
RASPBERRI PI PYTHON  
ATTENDANCE SHEET  
Dept. of CSE**

SINO	NAME	BRANCH & SEM	07-08-2015		08-08-2015	
			FN	AN	FN	AN
✓ 17	ALBIN K JOSE	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 18	JOINDY THOMAS	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	ALEN FRANCIS ANTONY	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 20	JIBIN JOHN V	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 21	<del>NIJIN</del> VARGHESE	S3 CSE B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	PALAKKAL AISWARYA KARUNAN	S3 CSE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 23	LIYA JOSE	S3 CSE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 24	ASWATHI T RAI	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 25	AATMAJ JANARDHAN	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 26	ABHISHEK RAJENDRAN	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 27	ASHFAN M A	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 28	ATHIRA L I	S3 CSE A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 29	BLESSY ALEXANDER	S7 IT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 30	ROBIN P J	S7 IT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 31	ABHIRAMI N U	S7 IT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
✓ 32	AMENDA ELIZA DAILY	S7 IT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

True Copy Attached

*[Signature]*  
10/08/15  
HOD ECB

*[Signature]*  
GIVESH K S

*[Signature]*

**Dr. SUNNY JOSEPH KALAYATHANKAL**  
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**RASPBERRI PI PYTHON  
ATTENDANCE SHEET  
Dept. of ECE**

SINo	NAME	BRANCH & SEM	07-08-2015		08-08-2015	
			FN	AN	FN	AN
✓ 1	GODWIN CT	S3 ECE A	<i>Godwin</i>	<i>Godwin</i>	<i>Godwin</i>	<i>Godwin</i>
✓ 2	BOBBY JOSE	S3 ECE A	<i>Bobby</i>	<i>Bobby</i>	<i>Bobby</i>	<i>Bobby</i>
✓ 3	HASHIM T ABUBACKER	S3 ECE A	<i>Hashim</i>	<i>Hashim</i>	<i>Hashim</i>	<i>Hashim</i>
✓ 4	ANNA MIRNA M J	S3 ECE A	<i>Anna</i>	<i>Anna</i>	<i>Anna</i>	<i>Anna</i>
✓ 5	JESSEL JOHNSON	S3 ECE A	<i>Jessel</i>	<i>Jessel</i>	<i>Jessel</i>	<i>Jessel</i>
✓ 6	TOMS VINCENT	S3 ECE B	<i>Toms</i>	<i>Toms</i>	<i>Toms</i>	<i>Toms</i>
✓ 7	VYSAKH K R	S3 ECE B	<i>Vysakh</i>	<i>Vysakh</i>	<i>Vysakh</i>	<i>Vysakh</i>
✓ 8	VISHNU CHANDRAN K	S3 ECE B	<i>Vishnu</i>	<i>Vishnu</i>	<i>Vishnu</i>	<i>Vishnu</i>
✓ 9	VENKATESH K B	S3 ECE B	<i>Venkatesh</i>	<i>Venkatesh</i>	<i>Venkatesh</i>	<i>Venkatesh</i>
✓ 10	SONE VARGHEESE	S3 ECE B	<i>Sone</i>	<i>Sone</i>	<i>Sone</i>	<i>Sone</i>
✓ 11	GERALD K DOMINIC	S7 AEI	<i>Gerald</i>	<i>Gerald</i>	<i>Gerald</i>	<i>Gerald</i>
✓ 12	ANJALI V S	S7 ECE	<i>Anjali</i>	<i>Anjali</i>	<i>Anjali</i>	<i>Anjali</i>
✓ 13	SURAJA P JOY	S7 ECE	<i>Suraja</i>	<i>Suraja</i>	<i>Suraja</i>	<i>Suraja</i>
✓ 14	VISHNUDAS A M	S7 ECE	<i>Vishnu</i>	<i>Vishnu</i>	<i>Vishnu</i>	<i>Vishnu</i>
✓ 15	GIEJO TONY K	S7 ECE	<i>Giejo</i>	<i>Giejo</i>	<i>Giejo</i>	<i>Giejo</i>
✓ 16	ANU MARIA C J	S7 ECE	<i>Anu</i>	<i>Anu</i>	<i>Anu</i>	<i>Anu</i>
✓ 17	DEVIKA MOHAN S	S7 ECE	<i>Devika</i>	<i>Devika</i>	<i>Devika</i>	<i>Devika</i>
✓ 18	SNEHA A	S7 ECE	<i>Sneha</i>	<i>Sneha</i>	<i>Sneha</i>	<i>Sneha</i>
✓ 19	MINU VINCENT	S7 ECE	<i>Minu</i>	<i>Minu</i>	<i>Minu</i>	<i>Minu</i>
✓ 20	M ABILASH NAIR	S7 ECE	<i>Abilash</i>	<i>Abilash</i>	<i>Abilash</i>	<i>Abilash</i>

*1/10*  
*21/08/2015*

*Jeralds*  
*10/08/15*  
*Head ECE*

True Copy Attested

*Sunny*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
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Dept. of ECE

No	NAME	BRANCH & SEM	07-08-2015		08-08-2015	
			FN	AN	FN	AN
✓ 21	PEEYUSHA V P	S7 ECE	<i>Peeyusha</i>	<i>Peeyusha</i>	<i>Peeyusha</i>	<i>Peeyusha</i>
✓ 22	ANGILA ROSE DANIEL	S7 ECE	<i>Angila Rose</i>	<i>Angila Rose</i>	<i>Angila Rose</i>	<i>Angila Rose</i>
✓ 23	FATHIMA THASNEEM	S7 ECE	<i>Fathima</i>	<i>Fathima</i>	<i>Fathima</i>	ABSENT
✓ 24	SUNITHA V S	S7 ECE	<i>Sunitha</i>	<i>Sunitha</i>	<i>Sunitha</i>	<i>Sunitha</i>
✓ 25	ALEX KANGAPPADEN	S7 ECE	<i>Alex</i>	<i>Alex</i>	<i>Alex</i>	<i>Alex</i>
✓ 26	LIJI K J	S7 ECE	<i>Liji</i>	<i>Liji</i>	<i>Liji</i>	<i>Liji</i>
✓ 27	NAMITHA C ANTO	S7 ECE	<i>Namitha</i>	<i>Namitha</i>	<i>Namitha</i>	<i>Namitha</i>
✓ 28	ANU ANTONY	S7 ECE	<i>Anu</i>	<i>Anu</i>	<i>Anu</i>	<i>Anu</i>
✓ 29	LINCY VINCENT	S7 ECE	<i>Lincy</i>	<i>Lincy</i>	<i>Lincy</i>	<i>Lincy</i>
✓ 30	KEVIN JOE ANTHIKAT	S7 ECE	<i>Kevin</i>	<i>Kevin</i>	<i>Kevin</i>	<i>Kevin</i>
✓ 31	LAKSHMI K K	S7 ECE	<i>Lakshmi</i>	<i>Lakshmi</i>	<i>Lakshmi</i>	<i>Lakshmi</i>
✓ 32	MELVI C V	S7 ECE	<i>Melvi</i>	<i>Melvi</i>	<i>Melvi</i>	<i>Melvi</i>
✓ 33	SOWMIYA DEVI V R	S7 ECE	<i>Sowmiya</i>	<i>Sowmiya</i>	<i>Sowmiya</i>	<i>Sowmiya</i>
✓ 34	GILTA BABU	S7 ECE	← ABSENT →		<i>Gilta</i>	<i>Gilta</i>
✓ 35	RESHMA RAJAN	S7 ECE	<i>Reshma</i>	<i>Reshma</i>	<i>Reshma</i>	<i>Reshma</i>
✓ 36	KAVYA CAROLINE GEORGE	S7 ECE	<i>Kavya</i>	<i>Kavya</i>	<i>Kavya</i>	<i>Kavya</i>
✓ 37	NAVAJOTH P R	S7 ECE	<i>Navajoth</i>	<i>Navajoth</i>	<i>Navajoth</i>	<i>Navajoth</i>
✓ 38	SNEHA P	S7 ECE	<i>Sneha</i>	<i>Sneha</i>	<i>Sneha</i>	<i>Sneha</i>
✓ 39	FIYA FRANCIS	S7 ECE	<i>Fiya</i>	<i>Fiya</i>	<i>Fiya</i>	<i>Fiya</i>

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*Jenals*  
10/08/15  
HOD ECE

*Sunny*

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*JINESHU S*



# Jyothi Engineering College

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

School Code: 416181404

<http://ieee.jecc.ac.in> | E-mail: [ieee@jecc.ac.in](mailto:ieee@jecc.ac.in)

AZIKSA 15 – RASPBERRY PI PYTHON WORKSHOP

## REPORT

IEEE SB Jyothi Engineering College under the auspices of WIE Affinity Group conducted a National Level Workshop – “AZIKSA” on 7<sup>th</sup> and 8<sup>th</sup> of August 2015. It was a Two day programme – “Raspberry Pi”. Mr.Nayan Mujadiya was the chief guest for the inaugural function. The workshop started by an inauguration ceremony at 9:30 am on 7<sup>th</sup> August 2015. Our principal of Jyothi Engineering College, Dr. K K Babu inaugurated the ceremony by lighting the lamp in the presence of Mr. Jose Therattil, HOD of ECE Department, Chief Guest, other dignitaries and students. The resource person who conducted the workshop was Mr.Nayan Mujadiya. He is currently working as R & D Engineer with leading EDA Company. He had done MS by research in Computer Architecture and Compile Optimization from IIIT-Hyderabad.

There were 84 students attending the workshop. On 7<sup>th</sup> August 2015, the workshop started after the inauguration ceremony, in that session they discussed mainly about the basics of the raspberry pi and the session continued till evening. Students were provided with raspberry pie kits so that they could made the session lively and more effective. Next day, on 8<sup>th</sup> August 2015, they continued the session and discussed the programming sides of raspberry pi mainly Python. The session continued till evening. After that, a small winding up function was conducted. In this function the resource person was honored by giving him a memento and shared his experience with students. The workshop was very effective to provide basic knowledge to the topics and hands-on sessions were also real useful. The workshops were conducted mainly to help the students with their project ideas, which did really work well.

True Copy Attested

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Jyothi Engineering College, Thrissur & TechBharat Consulting

# Certificate of Participation

## August 7-8, 2015

True Copy Attached

*[Signature]*  
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This is to certify that ~~Mr.~~ Ms. *Fiya Francis* of Jyothi Engineering college has participated in the AZIKSA 15 - Raspberry Pi Workshop jointly organized by IEEE Student Branch, Jyothi Engineering College, Thrissur and TechBharat Consulting in Association with ACT IIT Kharagpur at Jyothi Engineering College Campus, Thrissur

*[Signature]*  
IEEE SB Counselor  
JECC

*[Signature]*  
Principal  
JECC

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Director  
TechBharat