

From

Ambily Francis

AP ,ECE DEPT.

Add-On-Course In Charge

True Copy Attested

To

Principal

JECC

am
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

Respected Sir,

The add-on- course for this academic year is scheduled from 17th Feb 2018 to 24th March 2018.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.

am
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

Thanking you,

Yours faithfully

12/02/2018

Cheruthuruthy

Ambily
Ambily Francis

For worded
Francis

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

Approved *[Signature]*



Jyothi Engineering College

NAAC accredited college with NEP Accredited Programmes

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

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DEPARTMENT OF ECE-ADD ON COURSE

Introduction to arduino

Eligibility

ECE, EEE

Course Objective

This course will provide an overview in Arduino is an open-source prototyping platform in electronics based on easy-to-use hardware and software. Subtly speaking, Arduino is a microcontroller based prototyping board which can be used in developing digital devices that can read inputs like finger on a button, touch on a screen, light on a sensor etc. and turning it in to output like switching on an LED, rotating a motor, playing songs through a speaker etc.

Course Objective

- To familiarise the Arduino using LED.
- To familiarise the Arduino using light on a sensor.

Course Outcome

CO1: Student will be able to understand the design and simulate Arduino kit

CO2: Student will be able to design the different project using Arduino kit

CO3: Student will be able to understand microcontroller based project using Arduino kit

Syllabus

- Arduino Course Basic Concept
- Introduction to Embedded Systems.
- Introduction of Electronic Components.
- Introduction to Sensors.

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

COURSE OUTCOMES VS PO MAPPING:

SLNo	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	2	3	1	1	2	2	2	1	3
CO2	3	3	3	3	2	2	-	2	3	2	2	3
CO3	3	2	3	3	3	1	2	1	1	1	1	2
Avg	3	2.6	3	2.6	2.6	1.6	1.67	1.8	2	1.8	1.3	2.6

Jose P. Therattil

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

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Sunny Joseph Kalayathankal

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PRINCIPAL
Jyothi Engineering College
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Jyothi Engineering College
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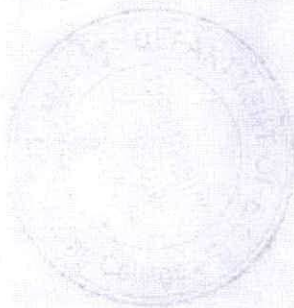
DEPARTMENT OF ECE-ADD-ON COURSE SCHEDULE

ADD-ON COURSE	DATE & DAY	HOURS ALLOTTED	VENUE
introduction to arduino	17/02/2018(SATURDAY)	1 to 7th Hour	VLSI LAB
	24/02/2018(SATURDAY)	1 to 7th Hour	
	03/03/2018(SATURDAY)	1 to 7th Hour	
	17/03/2018(SATURDAY)	1 to 6th Hour	
	24/03/2018(SATURDAY)	1 to 6th Hour	

Total Hours 33

Staff In-Charge

Mr. Jinesh K J



HOD, ECE

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

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

DEPARTMENT OF ECE-ADD-ON COURSE-Registration List

Introduction to arduino

Sl No.	Register Number	Name	Semester	Department
1	JYAOEEE 009	ANN MARY AUGUSTINE	S8	Electrial and Electronics Engineering
2	JYAOEEE 013	BESTO BOSE	S8	Electrial and Electronics Engineering
3	JYAOEEE 016	CIBIN PAUL	S8	Electrial and Electronics Engineering
4	JYAOEEE 029	KRISHNAKUMAR	S8	Electrial and Electronics Engineering
5	JEC15EE032	PAUL MOHAN	S8	Electrial and Electronics Engineering
6	JEC15EE036	VISHNU B	S8	Electrial and Electronics Engineering
7	LJEC15EE042	JESTIN JOHNY	S8	Electrial and Electronics Engineering
8	LJEC15EE045	NITHIN ANTONY	S8	Electrial and Electronics Engineering
9	JEC16EE040	JUNAID T K	S8	Electrial and Electronics Engineering
10	JEC16EE041	JUWIN JOSE MANJILA	S8	Electrial and Electronics Engineering
11	JEC16EE042	LILY THERES	S6	Electrial and Electronics Engineering
12	JEC16EE043	LINA MARIA VINCENT	S6	Electrial and Electronics Engineering
13	JEC16EE044	MANU KRISHNA M A	S6	Electrial and Electronics Engineering
14	JEC16EE050	RENJITH K K	S6	Electrial and Electronics Engineering
15	JEC16EE051	RESHMA RAJEEV N	S4	Electrial and Electronics Engineering
16	JEC16EE062	VISMAYA PRADEEP	S4	Electrial and Electronics Engineering
17	LJEC16EE64	ANOOPA ANAND	S4	Electrial and Electronics Engineering
18	LJEC16EE65	RAHUL KRISHNA.P	S4	Electrial and Electronics Engineering
19	LJEC16EE66	SANDEEP E	S4	Electrial and Electronics Engineering
20	LJEC16EE67	SANJAY DEV AS	S4	Electrial and Electronics Engineering

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TOTAL REGISTERED STUDENTS :

Dr. SUNNY JOSEPH KALAYATHANKAL

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

PRINCIPAL

Dr. JOSE P. Therattil
M.Tech., Ph.D. (IT)
In-charge & HOD, ECE Department
Jyothi Engineering College
Puthuruthy, Thrissur - 679 504

DEPARTMENT OF ECE-ADD-ON COURSE-Attendance List

COURSE NAME: introduction to arduino

Sl No:	Register Number	Name	Signature				
			Day 1	Day 2	Day 3	Day 4	Day 5
1	JYAOEEE 009	ANN MARY AUGUSTINE	✓	✓	✓	✓	✓
2	JYAOEEE 013	BESTO BOSE	✓	✓	✓	✓	✓
3	JYAOEEE 016	CIBIN PAUL	✓	✓	✓	✓	✓
4	JYAOEEE 029	KRISHNAKUMAR	✓	✓	✓	✓	✓
5	JEC15EE032	PAUL MOHAN	✓	✓	✓	✓	✓
6	JEC15EE036	VISHNU B	✓	✓	✓	✓	✓
7	LJEC15EE042	JESTIN JOHNY	✓	✓	✓	✓	✓
8	LJEC15EE045	NITHIN ANTONY	✓	✓	✓	✓	✓
9	JEC16EE040	JUNAID T K	✓	✓	✓	✓	✓
10	JEC16EE041	JUWIN JOSE MANJILA	✓	✓	✓	✓	✓
11	JEC16EE042	LILY THERES	✓	✓	✓	✓	✓
12	JEC16EE043	LINA MARIA VINCENT	✓	✓	✓	✓	✓
13	JEC16EE044	MANU KRISHNA M A	✓	✓	✓	✓	✓
14	JEC16EE050	RENJITH K K	✓	✓	✓	✓	✓
15	JEC16EE051	RESHMA RAJEEV N	✓	✓	✓	✓	✓
16	JEC16EE062	VISMAYA PRADEEP	✓	✓	✓	✓	✓
17	LJEC16EE64	ANOOPA ANAND	✓	✓	✓	✓	✓
18	LJEC16EE65	RAHUL KRISHNA P	✓	✓	✓	✓	✓
19	LJEC16EE66	SANDEEP E	✓	✓	✓	✓	✓
20	LJEC16EE67	SANJAY DEV AS	✓	✓	✓	✓	✓

TOTAL REGISTERED STUDENTS : 20



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anand
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

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

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

DEPARTMENT OF ECE-ADD-ON COURSE-Registration List

Introduction to arduino

Sl No:	Register Number	Name	Semester	Department
1	JYAOEEC-003	ADARSH K U	S8	Electronics and Communication Engineering
2	JYAOEEC 006	AJITH KRISHNAN S	S8	Electronics and Communication Engineering
3	JYAOEEC 010	AMRUTHA MENON	S8	Electronics and Communication Engineering
4	JYAOEEC 016	ANNU K BALAN	S8	Electronics and Communication Engineering
5	JYAOEEC 020	ARJUN C R	S8	Electronics and Communication Engineering
6	JYAOEEC 096	VAISHNAVI K P	S8	Electronics and Communication Engineering
7	JYAOEEC 097	VENKATESH K B	S8	Electronics and Communication Engineering
8	JYAOEEC 098	VIJAY SANKAR	S8	Electronics and Communication Engineering
9	JYAOEEC 101	VYSAKH K R	S8	Electronics and Communication Engineering
10	JYAOEEC 102	YEDHU BENNY K	S8	Electronics and Communication Engineering
11	JEC15EC010	ARYA RAJEEV M A	S6	Electronics and Communication Engineering
12	JEC15EC011	AŠISH ANTONY JOY	S6	Electronics and Communication Engineering
13	JEC15EC029	LITTY JOSE	S6	Electronics and Communication Engineering
14	JEC15EC031	MEGHA THOMAS	S6	Electronics and Communication Engineering
15	JEC16EC011	AMITH T V	S4	Electronics and Communication Engineering
16	JEC16EC012	ANAGHA RAJEEV	S4	Electronics and Communication Engineering
17	JEC16EC020	ATHIRA K	S4	Electronics and Communication Engineering
18	JEC16EC082	SANGAMITHRA	S4	Electronics and Communication Engineering
19	JEC16EC083	SARANYA M NAIR	S4	Electronics and Communication Engineering
20	JEC16EC101	VISHNU V	S4	Electronics and Communication Engineering

TOTAL REGISTERED STUDENTS : 20

J. V. S.
DINESH K

Joseph P. Therattil

Dr. Jose P. Therattil
M.Tech., Ph.D. (M.T)
Professor & HOD, ECE Department
Jyothe Engineering College
Cherthala, Thrissur - 679 544

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Sunny Joseph Kalayathankal
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech., MCA, M.Sc., M.Phil., B.Ed
Ph.D. (Computer Science), Ph.D. (Maths)
Jyothe Engineering College
Cherthala, Thrissur - 679 544

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M.Tech., MCA, M.Sc., M.Phil., B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

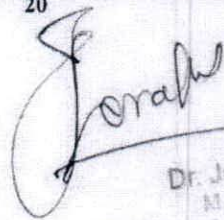
DEPARTMENT OF ECE-ADD-ON COURSE-Attendance List

COURSE NAME: introduction to arduino

Sl No:	Register Number	Name	Signature				
			Day 1	Day 2	Day 3	Day 4	Day 5
1	JYAOEEC 003	ADARSH K U	✓	X	✓	✓	✓
2	JYAOEEC 006	AJITH KRISHNAN S	✓	X	✓	✓	✓
3	JYAOEEC 010	AMRUTHA MENON	X	✓	✓	✓	✓
4	JYAOEEC 016	ANNU K BALAN	✓	✓	✓	✓	✓
5	JYAOEEC 020	ARJUN C R	X	X	✓	✓	X
6	JYAOEEC 096	VAISHNAVI K P	✓	✓	✓	✓	✓
7	JYAOEEC 097	VENKATESH K B	✓	✓	✓	✓	✓
8	JYAOEEC 098	VIJAY SANKAR	✓	X	✓	✓	✓
9	JYAOEEC 101	VYSAKH K R	X	✓	✓	✓	✓
10	JYAOEEC 102	YEDHU BENNY K	✓	X	✓	✓	✓
11	JEC15EC010	ARYA RAJEEV M A	✓	✓	✓	✓	X
12	JEC15EC011	ASISH ANTONY JOY	✓	✓	✓	✓	✓
13	JEC15EC029	LITTY JOSE	✓	✓	X	✓	✓
14	JEC15EC031	MEGHA THOMAS	✓	✓	X	✓	✓
15	JEC16EC011	AMITH T V	X	✓	✓	✓	✓
16	JEC16EC012	ANAGHA RAJEEV	✓	✓	✓	✓	X
17	JEC16EC020	ATHIRA K	✓	✓	✓	X	✓
18	JEC16EC082	SANGAMITHRA	✓	✓	✓	X	✓
19	JEC16EC083	SARANYA M NAIR	✓	X	✓	✓	✓
20	JEC16EC101	VISHNU V	✓	✓	✓	✓	✓

TOTAL REGISTERED STUDENTS : 20


Staff In-Charge
Mr.Jinesh KJ




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ADD-ON COURSE FEEDBACK FORM

Topic Title: Introduction to arduino

Participant's Name (optional): Amith . T . V

THE DESIGN OF THE COURSE

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

CONDUCT OF THE COURSE

	strongly agree	Agree	Neutral	Disagree	Strongly Disagree
1 Was the lecture clear and easy to understand?	<input checked="" type="checkbox"/>				
2 Were the teaching aids used effectively ?		<input checked="" type="checkbox"/>			
3 Whether the course materials handed over was adequate?		<input checked="" type="checkbox"/>			
4 Whether the instructors encouraged interactions and was helpful?	<input checked="" type="checkbox"/>				

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

Y N

Any other comments to improve the course : NO

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

4

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

Amith
 Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
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We appreciate your help in evaluating this program.



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CERTIFICATE OF COMPLETION

This certifies that

Venkatesh K B

has successfully completed the add-on course on "Introduction to arduino" conducted by Jyothi Engineering College, Cheruthuruthy during February-March 2018.

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[Signature]
COURSE COORDINATOR

[Signature]
PRINCIPAL

[Signature]
SECRETARY & CAMPUS HEAD

[Signature]
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PRINCIPAL

Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

From

Bineesh M

AP, CSE DEPT.

Add-On-Course In Charge

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To

Principal

JECC

Bineesh M

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

The add-on- course for this academic year is scheduled from 3/2/2018 to 17/3/2018. 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

03/01/2018

Cheruthuruthy

Bineesh M

Bineesh M

Recommended.
[Signature]

Bineesh M

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
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DEPARTMENT OF CSE-ADD-ON COURSE-Attendance List

COURSE NAME: Object-Oriented Programming using the Java programming language

Sl No:	Register Number	Name	Attendance				
			03/02/18	17/02/18	24/02/18	03/03/18	17/03/18
1	JYAOECS 012	ALBIN K JOSE					
2	JYAOECS 015	ANARGHA BABY					
3	JYAOECS 010	AKHIL NATH P T	A				
4	JYAOECS 011	AKSHARA A					
5	JYAOECS 028	ATHIRA L I					
6	JYAOECS 014	ANAGHA CHENAMPARAMBIL BOSE			A		
7	JYAOECS 016	ANEEJA MARTIN					A
8	JYAOECS 008	AISWARYA ROY					
9	JYAOECS 025	ARSHA THOMAS					
10	JYAOECS 022	ANU ELIZABETH JOHNY					
11	JYAOECS 003	ABHISHEK RAJENDRAN					
12	JYAOECS 023	ANUMOL C S					
13	JYAOECS 019	ANJALI T					
14	JYAOECS 009	AJIL PAUL C					
15	JYAOECS 007	AISWARYA K PRABHAKARAN		A			
16	JYAOECS 020	ANJU P					
17	JYAOECS 027	ASHFAN M A				A	
18	JYAOECS 013	ALLEN FRANCIS ANTONY					
19	JYAOECS 026	ASHA K MURALI					
20	JYAOECS 017	ANGEL JOY					
21	JYAOECS 006	AISWARYA C S					
22	JYAOECS 005	ADHUL THOMAS		A			
23	JYAOECS 004	ABIN SHAJU T					
24	JYAOECS 021	ANNA JOSHY					
25	JYAOECS 024	ARNOLD ANTOO					
26	JYAOECS 018	ANIKTHA KARTHIKA					
27	JYAOECS 002	AAYINA K	A				
28	JEC15CS003	ABIN MATHEW WILSON			A		
29	JEC15CS012	ANAND A M					
30	JEC15CS006	AFIFA.TA					A
31	JEC15CS004	ADARSH P S					
32	JEC15CS005	ADHUL E					
33	JEC15CS013	ANCIA SAJU O		A			
34	JEC15CS008	ALEENAVNCENT			A		
35	JEC15CS009	ALLEN MATHEW					A
36	JEC15CS011	AMAL PREM K.P	A				
37	JEC15CS014	ANCY SUNNY P					
38	JEC15CS015	ANIRUDH RAJAN V					
39	JEC15CS002	ABHISHEK ACHUTHAN KUTTY					
40	JEC16CS015	ALWIN WILSON					
41	JEC16CS005	AKHIL V					


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


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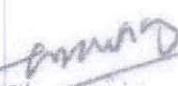
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42	JEC16CS006	AKSHAYA RAJ			A		
43	JEC16CS009	ALBIN ANTONY T					
44	JEC16CS007	AKSHAY K VIJAYAN			A		
45	JEC16CS003	ADWAITH K V	A				
46	JEC16CS019	ANAGHA MERIN SEN					
47	JEC16CS004	AGNA E.A					
48	JEC16CS011	ALOYSIUS LESLIE JACOB					
49	JEC16CS008	AKSHAY M V				A	
50	JEC16CS017	AMAL PU					
51	JEC16CS025	ANJU MOLE					
52	JEC16CS020	ANAND MURALI		A			
53	JEC16CS021	ANASWARA NANDANAN					
54	JEC16CS014	ALWIN JOSEPH				A	
55	JEC16CS012	ALVINA SABU					
56	JEC16CS024	ANITTA SIMON					A
57	JEC16CS016	AMAL PRASAD A					
58	JEC16CS018	AMITHA ISAC	A				
59	JEC16CS022	ANEESHA.K.S			A		
60	JEC16CS010	ALEENA THANKACHEN					
61	JEC16CS002	ABIN VARGHESE					

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


 Dr. SUNNY JOSEPH
 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



ADD-ON COURSE FEEDBACK FORM

Topic Title:

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?	✓				

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

Y N

Any other comments to improve the course :

Dr. SUNNY JOSEPH KALAYATHANKAL

M.Tech, MCA, M.Sc, M.Phil, B.Ed

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

PRINCIPAL

Jyothi Engineering College

Dr. SUNNY JOSEPH KALAYATHANKAL

M.Tech, MCA, M.Sc, M.Phil, B.Ed

4

FOSS Inauguration

Date: 28/10/2017

Venue: Insight Hall, JECC



Based on the interest of students of JECC and IEDC, FOSS@JECC was inaugurated on 28/10/2017 at insight Hall. Inauguration starts with a silent prayer, which was followed by welcome address by Dr. C. K. Raju (HoD CSE). Rev. Fr. Roy Joseph Vadakkan (Asst Manager, Admn and Academics) inaugurated the club activities by lamp lighting, and delivered an inaugural address. Then the new logo for FOSS@JECC was inaugurated. Principal Dr. K. K. Babu has inaugurated the logo and delivered the presidential address. Asst Administrator Prof Francis George talked about the importance of open source software's in the present scenario, especially in industries. Lastly, Sri. A. M Abhishekh (FOSS student coordinator) conveyed vote of thanks to all. The function ends with National Anthem.

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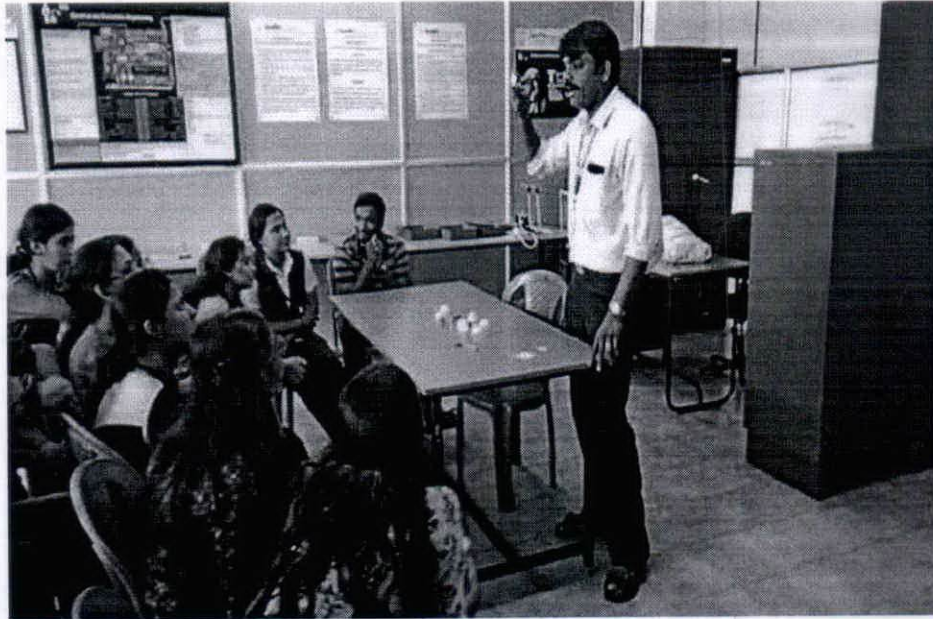
Konny

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

Date: 07/10/2017

Venue: EEE Lab, Jyothi Engineering College



To equip students with the knowledge of LED Bulb making the IEDC Collaborated with the NSS unit of the college. The classes were given by Mr. Majeendran where the students learned about creating LED bulbs which could further enhance the possibility of its usage at needful time. Also help the students in teaching others the same so that the society could use their service for the betterment.

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Sunny Joseph Kalayathankal

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

(17-18)

From

Anil Antony

AP, CSE DEPT.

Add-On-Course In Charge

To

Principal

JECC

Respected Sir,

The add-on- course for this academic year is scheduled from 7/10/2017 to 18/11/2017. 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

6/09/2017

Cheruthuruthy

[Signature]
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

[Signature]
Anil Antony

Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

[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
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Recommended
[Signature]

P. C. K. C. L.



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 SPI Abdul Kalam Technological University
 2015 Accredited Institute
 www.jyothi.ac.in

DEPARTMENT OF CSE-ADD-ON COURSE SCHEDULE

ADD-ON COURSE	DATE & DAY	HOURS ALLOTTED	VENUE
introduction to arduino	7/10/2017(SATURDAY)	1 to 7th Hour	Hardware lab
	21/10/2017(SATURDAY)	1 to 7th Hour	
	28/10/2017(SATURDAY)	1 to 7th Hour	
	4/11/2017(SATURDAY)	1 to 6th Hour	
	18/11/2017(SATURDAY)	1 to 6th Hour	

Total Hours 33

Anil
 Staff In-Charge
 Mr. Anil Antony

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

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
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DEPARTMENT OF CSE-ADD ON COURSE

Introduction to arduino

Course Objective

This course will provide an overview in Arduino is an open-source prototyping platform in electronics based on easy-to-use hardware and software. Subtly speaking, Arduino is a microcontroller based prototyping board which can be used in developing digital devices that can read inputs like finger on a button, touch on a screen, light on a sensor etc. and turning it in to output like switching on an LED, rotating a motor, playing songs through a speaker etc.

Course Objective

- To familiarise the Arduino using LED.
- To familiarise the Arduino using light on a sensor.

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Course Outcome

- CO1: Student will be able to understand the design and simulate Arduino kit
- CO2: Student will be able to design the different project using Arduino kit
- CO3: Student will be able to understand microcontroller based project using Arduino kit

Syllabus

- Arduino Course Basic Concept
- Introduction to Embedded Systems.
- Introduction of Electronic Components.
- Introduction to Sensors.

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COURSE OUTCOMES VS PO MAPPING:

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

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17-18

DEPARTMENT OF CSE-ADD-ON COURSE-Attendance List

COURSE NAME: introduction to arduino

Sl No:	Register Number	Name	Attendance				
			07/10/17	21/10/17	28/10/17	04/11/17	18/11/17
1	JYAOECS 007	AISWARYA K PRABHAKARAN					
2	JYAOECS 009	AJIL PAUL C					
3	JYAOECS 005	ADHUL THOMAS					
4	JYAOECS 003	ABHISHEK RAJENDRAN					
5	JYAOECS 008	AISWARYA ROY					
6	JYAOECS 004	ABIN SHAJU T					
7	JYAOECS 006	AISWARYA C S					
8	JYAOECS 002	AAYINA K					
9	JEC15CS004	ADARSH P S					
10	JEC15CS008	ALEENAVNCENT	A				
11	JEC15CS017	ARUN NAIR					
12	JEC15CS014	ANCY SUNNY P					
13	JEC15CS019	ASHIQ P S					
14	JEC15CS003	ABIN MATHEW WILSON					
15	JEC15CS025	DILEEP THANKACHAN			A		
16	JEC15CS021	ATHIRA KC					
17	JEC15CS012	ANAND A M					
18	JEC15CS016	ANJU MARIA K B				A	
19	JEC15CS011	AMAL PREM K.P					
20	JEC15CS023	CATHERINE ANTO					
21	JEC15CS013	ANCIA SAJU O					
22	JEC15CS026	DIVYA KONIKKARA	A				
23	JEC15CS005	ADHUL E					
24	JEC15CS015	ANIRUDH RAJAN V					
25	JEC15CS022	BINI MARIA B					
26	JEC15CS009	ALLEN MATHEW					
27	JEC15CS020	ASNA NESRY					
28	JEC15CS024	DELMA DAVIS					
29	JEC15CS006	AFIFA.TA					
30	JEC15CS002	ABHISHEK ACHUTHAN KUTTY				A	A
31	JEC16CS017	AMAL PU					
32	JEC16CS034	ARYA P MENON					
33	JEC16CS025	ANJU MOLE					
34	JEC16CS005	AKHIL V					
35	JEC16CS031	ARCHANA VENUGOPAL					
36	JEC16CS027	ANTONY DAVID	A				
37	JEC16CS029	APARNA ARVIND					
38	JEC16CS026	ANN MARIYA					
39	JEC16CS008	AKSHAY M V					
40	JEC16CS024	ANITTA SIMON	A				
41	JEC16CS004	AGNA E.A				A	
42	JEC16CS035	ASHLI AUGUSTIAN C					A
43	JEC16CS003	ADWAITH K V					
44	JEC16CS014	ALWIN JOSEPH					
45	JEC16CS010	ALEENA THANKACHEN					

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

Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
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46	JEC16CS009	ALBIN ANTONY T					
47	JEC16CS022	ANEESHA.K.S					
48	JEC16CS021	ANASWARA NANDANAN					
49	JEC16CS018	AMITHA ISAC					
50	JEC16CS011	ALOYSIUS LESLIE JACOB	A				
51	JEC16CS028	ANU C JAISON			A		A
52	JEC16CS033	ARYA GIRISH A					
53	JEC16CS032	ARIF K					
54	JEC16CS016	AMAL PRASAD A					
55	JEC16CS007	AKSHAY K VIJAYAN					A
56	JEC16CS030	APARNA P.A		A			
57	JEC16CS019	ANAGHA MERIN SEN				A	
58	JEC16CS012	ALVINA SABU					
59	JEC16CS020	ANAND MURALI					
60	JEC16CS006	AKSHAYA RAJ					A
61	JEC16CS015	ALWIN WILSON					
62	JEC16CS002	ABIN VARGHESE	A				

Anil
(ANIL ANTONY)

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Anil
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. - 679 581

Anil
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. - 679 581



ADD-ON COURSE FEEDBACK FORM

Topic Title: Introduction to Arduino

Participant's Name (optional): Aiswarya Paabha Kandan

THE DESIGN OF THE COURSE

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

CONDUCT OF THE COURSE

1 Was the lecture clear and easy to understand?	<input checked="" type="checkbox"/>				
2 Were the teaching aids used effectively ?	<input checked="" type="checkbox"/>				
3 Whether the course materials handed over was adequate?	<input checked="" type="checkbox"/>				
4 Whether the instructors encouraged interactions and was helpful?	<input checked="" type="checkbox"/>				

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

Y N

Any other comments to improve the course :

Nil

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

4

ankur

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
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We appreciate your help in evaluating this program



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 AICTE Approved Programme
 Jyothi Engineering College, Cheruthuruthy P.O., Cheruthuruthy, Kerala - 679 531
 Phone: 0471-274429, Fax: 0471-274430
 Website: www.jyothicollege.ac.in

DEPARTMENT OF CSE-ADD-ON COURSE SCHEDULE

ADD-ON COURSE	DATE & DAY	HOURS ALLOTTED	VENUE
Object-Oriented Programming using the Java programming language	3/02/2018(SATURDAY)	1 to 7th Hour	DSA lab
	17/02/2018(SATURDAY)	1 to 7th Hour	
	24/02/2018(SATURDAY)	1 to 7th Hour	
	3/3/2018(SATURDAY)	1 to 6th Hour	
	17/3/2018(SATURDAY)	1 to 6th Hour	

Total Hours **33**

[Signature]
 Staff In-Charge
 Mr. Bineesh M

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[Signature]

[Signature]
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 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

Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic year 2016-2022. NBA accredited B.Tech Programmes in Civil Engineering valid for the academic year 2019-2022.

Object-Oriented Programming using the Java programming language

Eligible for: S4,S6 Students of CSE Department

ADD ON COURSE

Course Objective

This course introduces object-oriented programming using the Java programming language. Students will learn how to program in Java and use some of its most important APIs. Special importance will be assigned to the object-oriented nature of Java and its use of polymorphism. Hands-on labs and exercises will enable students toward becoming highly skilled Java Application developers.

Course Outcome

Upon course completion, students will have demonstrated the ability to do the following:

- understand object-oriented programming principles
- write, compile and execute Java programs
- understand the Java architecture and use the Java APIs
- understand and use of inheritance and polymorphism as implemented in Java
- understand and use the exception handling mechanism of Java
- perform standard input-output operations
- understand and use GUI components

Skills Required

Prior knowledge of "C" language is helpful.

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
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SYLLABUS

Introduction

(2 Hours)

Introduction to object Oriented Programming, Introduction to Java, Java Configuration.

Classes, Objects and Methods:

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Class, Object, Object reference, Constructor, Method (Overloading, Recursion, Passing and Returning object from Method, this and static keyword, finalize() method, Access control, modifiers.

Inheritance and Interfaces:

(3 Hours)

Inheritance, constructor inheritance, Multilevel Inheritance.



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Handle multilevel constructors – super keyword, Stop Inheritance – Final keywords, Abstract class.

Interface, reference, Interface inheritance, Comparison between Abstract Class and interface.

Package:

(2 Hours)

Use of Package, CLASSPATH, Import statement, Static import, Access control

Exception Handling:

(2 Hours)

Exception and Error, Use of try, catch, throw, throws and finally, Built in Exception, Custom exception, Throwable Class.

IO Programming:

(2 Hours)

Introduction to Stream, Byte Stream, Character stream, Readers and Writers, File Class, File InputStream, File Output Stream, InputStreamReader, OutputStreamWriter, FileReader, FileWriter, Buffered Reader

Collection Classes :

(2 Hours)

List, ArrayList, LinkedList, Enumeration, Vector, Properties, Introduction to Java.util package

Data structures:

(6 Hours)

Overview. Abstract Data Types. Arrays and Linked Lists. Stacks and Queues. Introduction to Trees. Graphs.

Multithreaded Programming:

(2 Hours)

Use of Multithread programming, Thread class and Runnable interface, Thread priority, Thread synchronization, Thread communication, Deadlock

Java Data Base Connectivity:

(3 Hours)

Java Data Base Connectivity; Database Management; Mechanism for connecting to a back end database; Loading the ODBC driver.

Swing:

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(3 Hours)

Concepts of Swing; Java Foundation Class (JFC); Swing Packages and Classes; Working with Swing- An Example; Swing Components

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

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

How to Program, 9th/11th ed. by Deitel&Deitel, (required)

Thinking in Java, 4th ed. by Bruce Eckel (useful as further reading)

COURSE OUTCOMES VS PO MAPPING:

Sl.No	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
Avg	3	2.6	3	2.4	2.2	1.4	1.4	1.2	1	1.2	1.8	3

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Ammang

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

Ammang
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech
Ph.D (Computer Science), Ph.D (Maths)
Principal
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

From

Ambily Francis

AP, ECE DEPT.

Add-On-Course In Charge

True Copy Attested

To

Principal

JECC

Ambily Francis

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

Respected Sir,

The add-on- course for this academic year is scheduled from 16th Sep 2017 to 03rd November 2017. 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,

Sunny Joseph Kalayathankal
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

Yours faithfully

Ambily Francis
Ambily Francis

11/09/2017

Cheruthuruthy

Recommended & for forwarded
Joseph
HoD ECE
Professor & HoD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531



Approval:
Retnan P
Prof. Retnan P



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DEPARTMENT OF ECE-ADD ON COURSE

Introduction to programming in MATLAB

Eligibility

ECE, EEE

Introduction

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

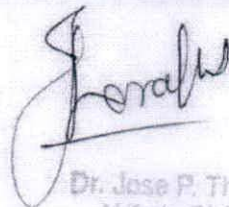
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- Working with data files
- Working with data types
- Writing programs with branching and loops
- Writing functions
- Graphs and plots in MATLAB
- Logical statements and operations in MATLAB
- Mathematics in MATLAB
- Basic image manipulations

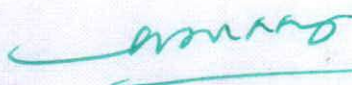
COURSE OUTCOMES VS PO MAPPING:

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

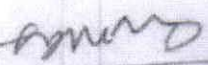


Dr. Jose P. Thorattil
M.Tech., Ph.D. (NIT)
Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531

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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



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 CENTRE OF EXCELLENCE IN SOFTWARE TECHNOLOGY BY THE INDIAN SOFTWARE ASSOCIATION
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 NBA Accredited & Taught Programmes in Computer Science & Engineering, Electronics & Communication Engineering,
 Biomedical & Electronics Engineering, and Mechanical Engineering. valid for the academic year 2016 to 2022
 www.jyothi.ac.in | Email : info@jyothi.ac.in

DEPARTMENT OF ECE- ADD-ON COURSE SCHEDULE

ADD-ON COURSE	DATE & DAY	HOURS ALLOTTED	VENUE
Introduction to programming in MATLAB	16/09/2017(SATURDAY)	1 to 7th Hour	VLSI LAB
	23/09/2017(SATURDAY)	1 to 7th Hour	
	30/09/2017(SATURDAY)	1 to 7th Hour	
	21/10/2017(SATURDAY)	1 to 7th Hour	
	28/10/2017(SATURDAY)	1 to 7th Hour	
	03/11/2017(Friday)	6&7th Hour	

Total Hours 37

Staff In-Charge

Mr. Abin Johns

HOD, ECE

Dr. Jose P. Therattil
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DEPARTMENT OF ECE-ADD-ON COURSE-Registration List

Introduction to programming in MATLAB

Sl No:	Register Number	Name	Semester	Department
1	JYAOEEC 004	AISWARYA.M	S7	Electronics and Communication Engineering
2	JYAOEEC 005	AISWARYA PAULSON	S7	Electronics and Communication Engineering
3	JYAOEEC 012	ANGEL ROSE K A	S7	Electronics and Communication Engineering
4	JYAOEEC 026	CHRISBIN SONY MEKKAT	S7	Electronics and Communication Engineering
5	JYAOEEC 027	CHRISTY PAUL	S7	Electronics and Communication Engineering
6	JYAOEEC 047	LAKSHMIJA P	S7	Electronics and Communication Engineering
7	JYAOEEC 052	MERIN JOSHY	S7	Electronics and Communication Engineering
8	JYAOEEC 055	MINU JAISON	S7	Electronics and Communication Engineering
9	JYAOEEC 056	NAMITHA JOY	S7	Electronics and Communication Engineering
10	JYAOEEC 068	REVATHI R K NAIR	S7	Electronics and Communication Engineering
11	JYAOEEC 076	SABNA N S	S7	Electronics and Communication Engineering
12	JYAOEEC 078	SHARON SHAJI PULIKKOTHI	S7	Electronics and Communication Engineering
13	JYAOEEC 084	SNEHA SHAJU	S7	Electronics and Communication Engineering
14	JYAOEEC 091	SREEVIDYA R	S7	Electronics and Communication Engineering
15	JYAOEEC 104	JERIN JOJO	S7	Electronics and Communication Engineering
16	JYAOEEC 105	MARIA TREASA	S7	Electronics and Communication Engineering
17	JEC15EC001	ANAND BALARAM	S5	Electronics and Communication Engineering
18	JEC15EC016	CLINTO JOEMON	S5	Electronics and Communication Engineering
19	JEC15EC019	DISNI JOSE M	S5	Electronics and Communication Engineering
20	JEC15EC028	KRISHINAPRIYA PP	S5	Electronics and Communication Engineering
21	JEC15EC039	PALATTY JESVIN JOSEPH	S5	Electronics and Communication Engineering
22	JEC15EC040	PRANAV V V	S5	Electronics and Communication Engineering
23	JEC15EC046	SANIYA A S	S5	Electronics and Communication Engineering
24	JEC15EC047	SANKALP O R	S5	Electronics and Communication Engineering
25	JEC16EC016	APARNA S	S3	Electronics and Communication Engineering
26	JEC16EC017	ARCHANA CHANDRAPRAKASH	S3	Electronics and Communication Engineering
27	JEC16EC022	AVIN K V	S3	Electronics and Communication Engineering
28	JEC16EE039	JUBIN BAIJU M	S3	Electrical and Electronics and Engineering
29	JEC16EE040	JUNAID T K	S3	Electrical and Electronics and Engineering
30	JEC16EE041	JUVIN JOSE MANJILA	S3	Electrical and Electronics and Engineering

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TOTAL REGISTERED STUDENTS :

30

Dr. SUNNY JOSEPH KALAYATHANKAL

Sunny Joseph Kalayathankal

DEPARTMENT OF ECE-ADD-ON COURSE-Attendance List

COURSE NAME: Introduction to programming in MATLAB

Sl No:	Register Number	Name	Signature					
			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
1	JYAOEEC 004	AISWARYA.M	X	X	X	X	X	X
2	JYAOEEC 005	AISWARYA PAULSON	X	X	X	X	X	X
3	JYAOEEC 012	ANGEL ROSE K A	X	X	X	X	X	X
4	JYAOEEC 026	CHRISBIN SONY MEKKAT	X	X	X	X	X	X
5	JYAOEEC 027	CHRISTY PAUL	X	X	X	X	X	X
6	JYAOEEC 047	LAKSHMIJA P	X	X	X	X	X	X
7	JYAOEEC 052	MERIN JOSHY	X	X	X	X	X	X
8	JYAOEEC 055	MINU JAISON	X	X	X	X	X	X
9	JYAOEEC 056	NAMITHA JOY	X	X	X	X	X	X
10	JYAOEEC 068	REVATHI R K NAIR	X	X	X	X	X	X
11	JYAOEEC 076	SABNA N S	X	X	X	X	X	X
12	JYAOEEC 078	SHARON SHAJI PULIKKOTIL	X	X	X	X	X	X
13	JYAOEEC 084	SNEHA SHAJU	X	X	X	X	X	X
14	JYAOEEC 091	SREEVIDYA R	X	X	X	X	X	X
15	JYAOEEC 104	JERIN JOJO	X	X	X	X	X	X
16	JYAOEEC 105	MARIA TREASA	X	X	X	X	X	X
17	JEC15EC001	ANAND BALARAM	X	X	X	X	X	X
18	JEC15EC016	CLINTO JOEMON	X	X	X	X	X	X
19	JEC15EC019	DISNJ JOSE M	X	X	X	X	X	X
20	JEC15EC028	KRISHNAPRIYA PP	X	X	X	X	X	X
21	JEC15EC039	PALATTY JESVIN JOSEPH	X	X	X	X	X	X
22	JEC15EC040	PRANAV V V	X	X	X	X	X	X
23	JEC15EC046	SANIYA A S	X	X	X	X	X	X
24	JEC15EC047	SANKALP O R	X	X	X	X	X	X
25	JEC16EC016	APARNA S	X	X	X	X	X	X
26	JEC16EC017	ARCHANA CHANDRAPRAKASH	X	X	X	X	X	X
27	JEC16EC022	AVIN K V	X	X	X	X	X	X
28	JEC16EE039	JUBIN BAJU M	X	X	X	X	X	X
29	JEC16EE040	JUNAID T K	X	X	X	X	X	X
30	JEC16EE041	JUWIN JOSE MANJILA	X	X	X	X	X	X

TOTAL REGISTERED STUDENTS : 30

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Staff in-Charge
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ADD-ON COURSE FEEDBACK FORM

Topic Title: *Introduction to programming in matlab*

Participant's Name (optional): *Dishi Jose . M .*

THE DESIGN OF THE COURSE

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

CONDUCT OF THE COURSE

1 Was the lecture clear and easy to understand?	<input checked="" type="checkbox"/>				
2 Were the teaching aids used effectively ?		<input checked="" type="checkbox"/>			
3 Whether the course materials handed over was adequate?	<input checked="" type="checkbox"/>				
4 Whether the instructors encouraged interactions and was helpful?	<input checked="" type="checkbox"/>				

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

Y N

Any other comments to improve the course : *Nil*

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

4.5

' We appreciate your help in evaluating this program '

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CERTIFICATE OF COMPLETION

This certifies that

Christy Paul

has successfully completed the add-on course on " Introduction to programming in MATLAB" conducted by Jyothi Engineering College, Cheruthuruthy during September-November 2017.

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COURSE COORDINATOR

PRINCIPAL

SECRETARY & CAMPUS HEAD

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Android Development & Rhino 3D Workshop

Date: 26/08/2017
Dept.

Venue: Decennial Hall & CADD Lab, Civil



The IEDC of Jyothi Engineering College conducted a one day workshop on “Android Development & Rhino 3D software for our students in association with IEEE. It has conducted in two places, one Android Development in Decennial Hall & other Rhino 3D software in CADD Lab, Civil Dept. About 55 students in Android Development & 33 Students in Rhino 3D participated. The Resource person for the Android Development workshop was Mohammed Thasneem P Software Engineer at Claysys Technology, Infopark, Kochi. The resource persons for the Rhino 3D software workshop were Mr. Athif Kurukkoli, Mr. Nizamudin K.Y., Mr. Riyas P.K. from Freelance Technology Innovationist, Fab Academy Graduates, Ex-Technology Innovation Fellow.



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