

ICT Techathlon

Date: 10th -11th November, 2016

Venue: Technopark TBI

ICT Academy of Kerala organized its Second 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. Two Five-member teams from Jyothi Engineering College participated in the contest in the regional round of 51 teams, followed by the state finals which are 20 Teams at Techno Park Trivandrum. 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 **Third & Fourth** prizes for this contest.


The Third prize winners are

1. Bobby Jose
2. Geethanjali P.G.
3. Leon Jose
4. Lipin Pius
5. Reva K.R.

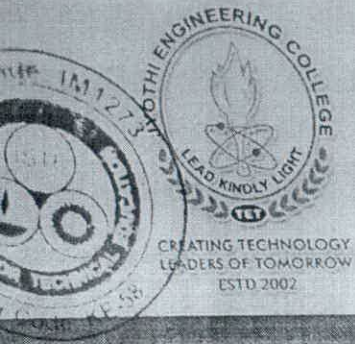
The Fourth prize winners are

1. Aatmaj Janardanan
2. Allen Francis Antony
3. Sharon Shaji P
4. Rose D Pynadath
5. Akhil P Nair

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Nodal Officer
IEDC



Jyothi Engineering College



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

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Two Day Workshop on

ROBOTICS & EMBEDDED SYSTEMS

October
21st & 22nd
2016

Organised by

Department of Electrical & Electronics Engineering



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
TWO DAY WORKSHOP ON ROBOTICS & EMBEDDED SYSTEMS
SUPPORTED BY ISTE STUDENT CHAPTER KE- 045

ATTENDANCE SHEET

DAY 1(21/10/2016) FN

NO	NAME OF THE STUDENT	SIGNATURE
1	Abel Cheriyan	Abel
2	Ajith M.	Ajith
3	Akhila Raj T	Akhila
4	Alex Francis	Alex
5	Aneeq Auto	Aneeq
6	Anjali	Anjali
7	Aneerith	Aneerith
8	Annmary	Annmary
9	Anthony Johnson	Anthony
10	Anil	Anil
11	Ajins	Ajins
12	Anam	Anam
13	BESTO	BESTO
14	BROHN TENCY	BROHN
15	BYJO WINSON	Byjo
16	CAB CIBIN	Cibin
17	CINTO JOSE	Cinto
18	ELROY WILSON	Elroy
19	FATIMA IRFANA	Fatima
20	FRANCY	Francy
21	GEETHANJALI	Geethanjali
22	GREESHMA	Greeshma
23	JERIN BABU	Jerin Babu
24	JESWIN	Jeswin
25	VEENA P JITHIN K	Jithin K
26	Simon Thomas	Simon
27	Ayo. 14	Ayo
28	Amai Ashor	Amai
29	Stephan	Stephan
30	Sreehari	Sreehari
31	Stanly	Stanly
32	voble	voble

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ATTENDANCE SHEET

DAY 1(21/10/2016) AN

NO	NAME OF THE STUDENT	SIGNATURE
1	Aim Mary Augustine	
2	Anjali Ashok	
3	Abel cheviam	
4	Awith	
5	Akhila Rai T	
6	Alex Francis	
7	Anay Anto	
8	Anuwith	
9	Antony Johnson	
10	Anil	
11	Ajns	
12	Arun	
13	Simon Thomas	
14	Amai Ashok	
15	Ayo. K	
16	Jesin Babu	
17	Stanly vincent	
18	Sheeha	
19	Stephan Jnes	
20	Noble benny	
21	Jeswin Jole	
22	francy Johnson	
23	Byio	
24	Brolin	
25	Cinto	
26	cibin	
27	Viena - p	
28	Preeti PJ	
29	Charisty	
30	Reshna P.R.	
31	Reva K. R.	
32	Sourya Johnson	

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 TWO DAY WORKSHOP ON ROBOTICS & EMBEDDED SYSTEMS
 SUPPORTED BY ISTE STUDENT CHAPTER KE-045

ATTENDANCE SHEET

DAY 2(22/10/2016) FN

NO	NAME OF THE STUDENT	SIGNATURE
1	Abel Cherian	<i>Abel</i>
2	Ajins Johnson	<i>Ajins</i>
3	Ajith M	<i>Ajith</i>
4	Aklila	<i>Aklila</i>
5	Alex Francis	<i>Alex</i>
6	Anay Auto aj	<i>Anay</i>
7	Anil C Babakrishnan	<i>Anil</i>
8	Mulali	<i>Mulali</i>
9	Ann Mazy Argubine	<i>Ann Mazy</i>
10	Antony Johnson	<i>Antony</i>
11	Anuith namalebinu	<i>Anuith</i>
12	Aran J. Alappill	<i>Aran</i>
13	Besto Bose	<i>Besto</i>
14	Brolis Tenay	<i>Brolis</i>
15	BYJO WINSON	<i>Byjo</i>
16	CIBIN PAUL	<i>Cibin</i>
17	CINTO JOSE E	<i>Cinto</i>
18	Elroy Wilson	<i>Elroy</i>
19	Fathima Irfana TK	<i>Fathima</i>
20		
21	Geethanjali P.G.	<i>Geetha</i>
22	Areshma c	<i>Areshma</i>
23		
24	Jeswin Jose	<i>Jeswin</i>
25	Jithin K.C	<i>Jithin</i>
26	Joby Jacob	<i>Joby</i>
27	John prakash	<i>John</i>
28	Jojo Comappan	<i>Jojo</i>
29	KRISHNAKUMAR	<i>Krishna</i>
30	Leo Porindio Jay	<i>Leo</i>
31	Lavin Varghese	<i>Lavin</i>
32	Martin Joseph	<i>Martin</i>
33	NEON	<i>Neon</i>

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 ATTENDANCE SHEET
 DAY 2(22/10/2016) AN

NO	NAME OF THE STUDENT	SIGNATURE
1	Abel Cheru	
2	Ajins Johnson	
3	Ajith Mozhiarambil	
4	Akhila Rajit	
5	Alextronus C.F	
6	Aneq Anu	
7	Anil. e. Balakrishnan	
8	Anjali Ashok	
9	Ann Mary Augustine	
10	Antony Johnson	
11	Angela Nandakumar	
12	Arjun	
13	Besto Bose	
14	Brolin Tency	
15	BYSO WINSOR	
16	CIBIN PAUL	
17	CINIO JOSE G	
18	Elroy Wilson	
19	Fathima Irfana T. K	
20		
21		
22	Greeshma chandrab	
23	Jerin	
24	Jeevin Jose	
25	Jithin. K. C	
26	Joby Jacob	
27	John Prakash	
28	Jojo Lomappam	
29	Krishnakumar	
30	Les Poimchee Jay	
31	Lina Varghese	
32	Martin	
33	Nem Jose. J	

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Certificate

Certified that Mr./Ms.....

have actively participated in the two day workshop on "ROBOTICS & EMBEDDED SYSTEMS" organized by Department of Electrical and Electronics

Engineering in Association with JECC on 21st & 22nd October 2016.

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Asst Prof. EEE,JECC

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Saritha P
ISTE Secretary
Student Chapter JECC

Prof Ratnan P
Head of Department,EEE,JECC

Dr K K Babu
Principal,JECC



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REPORT ON WORKSHOP- "ROBOTICS AND EMBEDDED SYSTEM"

A two-day workshop on the topic "Robotics and embedded system" was conducted by Akhil, Rijo and Sajin, they run a start-up company in Bangalore, in the Advanced Electronics laboratory of Jyothi Engineering College, Cheruthuruthy, on 21st and 22nd of October, 2016. It was organized by the department of EEE in association with ISTE. The workshop was inaugurated by Prof. Ratnan P, Head of Department, EEE, JECC, at 9:00am on 21st October, 2016. A memento was given to the organizers by the professor. Interestingly, the inauguration was accompanied by flying a drone in the open. All the students of S5 EEE were participated. Geethanjali P.G and Jithin K.C of S5 EEE were the co-ordinators.

The workshop was mainly focused on artificial intelligence, humanoid robot and interfacing, drone interfacing and robowar special items. Students were divided into groups of eleven. On day-1 (21/10/16), Raspberry pi was introduced to all the students. Students were asked to interface Raspberry pi on their laptops. The organizers individually went to all the groups to make them understand what this Raspberry pi was all about. In between the workshop, there were two intervals for tea and one for lunch. Workshop on day-1 was mainly confined to the theoretical aspect of the topic. However, to make the study more interesting, Mr. Rijo shown us robotic dance with music using an imported robot. At the end of the session, the organizer also demonstrated a human transporting machine.

On day-2 (22/10/26), Mr. Akhil demonstrated a maze-solving robot. Students were asked to construct mazes on their own and carry out practice on it. Internet-controlled robots were also introduced and shown the working of the same to the students. Simultaneously, few groups were also engaged in the human transporting machine.

The workshop came to an end at 4.30pm on 22/10/2016.

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Ratnan P
Ratnan P

Sunny Joseph
Sunny Joseph



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From,

Gokul P
ECSA Secretary
Jyothi Engineering College
Cheruthuruthy

To,

IETE Co-ordinator
Jyothi Engineering College
Cheruthuruthy

Respected Sir,

This is to kindly inform you that we would like to conduct a workshop on "SciLab" for S5 ECE students. Please permit us to conduct the workshop on 20/10/2016 afternoon for S5 ECE A and 21/10/2016 forenoon for S5 ECE B under the banner of IETE in association with ECSA. Looking forward to your positive response.

Thanking you,

Cheruthuruthy
18/10/2016

Yours faithfully
ECSA Secretary

Gokul P

Forwarded to HOD, ECE
Dr. J. Lakshmi

Binnethu
18/10/16

Binnethu. K. Rajan.

forwarded to Professional club
Coordinator
Anand
Amalgam (IETE Co-ordinator)

J. Jeyanth
18/10/2016
HOD ECE

Dr. F. R. J. V.
18/10

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just

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 20.10.2016

NOTICE

This is to inform you that ECE department is organizing a workshop on "SciLab", in association with ECSA & IETE on 20/10/2016 (S5 EC EA) & 21/10/2016(S5 ECE B).

The objective of the program is to provide an introductory workshop session on "SciLab" that will help students to do their project work.

The students of fifth semester are directed to actively participate in the workshop

Joseph P. Therattil
HOD, ECE

To be read in Fifth semester class rooms

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

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WORKSHOP ON SCILAB ON 20/10/2016

CLASS : S5 ECA

VENUE: VLSI LAB

Roll No	Name	Signature
1	AADHIL FEIZAL USMAN	Absent
2	AARYA JERARD	
3	ADARSH K U	
4	AISWARYA.M	<i>Aishwarya</i>
5	AISWARYA PAULSON	<i>Aishwarya</i>
6	AJITH KRISHNAN S	Absent
7	AKHILA MURALI MENON	<i>Akhila</i>
8	ALBIN ANTO	
9	ALEENA.K.B	Absent
10	AMRUTHA MENON	<i>Amrutha</i>
11	ANGEL JOSE	<i>Angel Jose</i>
12	ANGEL ROSE K A	<i>Angel Rose</i>
13	ANJU PRASAD	<i>Anju</i>
14	ANNA MIRNA M J	<i>Anna</i>
15	ANNA TOM	Absent
16	ANNU.K.BALAN	<i>Annu</i>
17	ANUGRAHA JOSEPH	Absent
18	ANUJA M S	<i>Anuja</i>
19	ARCHANA K C	<i>Archana</i>
20	ARJUN C R	<i>Arjun</i>
21	ARJUN K S	<i>Arjun</i>
22	ATHIRA S PILLAI	<i>Athira</i>
23	AVIN JOSE	<i>Avin</i>
24	BENJAMIN THOMAS	<i>Benjamin</i>
25	BOBBY JOSE	<i>Bobby</i>
26	CHRISBIN SONY MEKKAT	
27	CHRISTY PAUL	
28	FEBIN VARGHESE P	<i>Febin</i>
29	GODWIN C T	<i>Godwin</i>
30	GOKUL P	<i>Gokul</i>
31	HARI SANKAR	
32	HARITHA.K.M	<i>Haritha</i>
33	HARSHA R	<i>Harsha</i>
34	HASHIM T ABUBACKER	<i>Hashim</i>
35	HILKIYA JOSEPH	<i>Hilkiya</i>
36	IRINE C JOSE	<i>Irine</i>
37	JACKSON NELSON	<i>Jackson</i>

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90	SREEVIDYA A	<i>[Signature]</i>
91	SREEVIDYA R	<i>[Signature]</i>
92	SUMANA MOOTHEDATH	<i>[Signature]</i>
93	TINU THOMAS	<i>[Signature]</i>
94	TISHA MARIA TONY T	<i>[Signature]</i>
95	TOMS VINCENT P	<i>[Signature]</i>
96	VAISHNAVI K P	<i>[Signature]</i>
97	VENKATESH K B	<i>[Signature]</i>
98	VIJAY SANKAR	<i>[Signature]</i>
99	VINOY GEORGE	<i>[Signature]</i>
100	VISHNUCHANDRAN K	<i>[Signature]</i>
101	VYSAKH K R	<i>[Signature]</i>
102	YEDHU BENNY K	<i>[Signature]</i>
103	FIJOY P J	<i>[Signature]</i>
104	JERIN JOJO	<i>[Signature]</i>
105	MARIA TRESA	<i>[Signature]</i>
106	SANDEEP P MENON	<i>[Signature]</i>
107	SARATH SATHYAN B	<i>[Signature]</i>

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Aryitha.v

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING
WORKSHOP ON SCILAB ON 21/10/2016
CLASS : S5 ECB
VENUE: VLSI LAB

Roll No	Name	Signature
53	MERIN P KURIAN	<i>[Signature]</i>
54	MINNU MARIYA JOHNS	<i>[Signature]</i>
55	MINU JAISON	<i>[Signature]</i>
56	NAMITHA JOY	<i>[Signature]</i>
57	NAVITHA VARGHESE	<i>[Signature]</i>
58	NAVYA DAVIS	<i>[Signature]</i>
59	NINAV BROOK	<i>[Signature]</i>
60	NITHYA K	<i>[Signature]</i>
61	NIVEDITHA VINOD	<i>[Signature]</i>
62	NIVIN SUNNY CHOVALLUR	<i>[Signature]</i>
63	NIVYA RAJ K V	<i>[Signature]</i>
64	P S NIVEDITHA	<i>[Signature]</i>
65	RAIMY ROSE P S	<i>[Signature]</i>
66	RESHMA P BENNY	<i>[Signature]</i>
67	RESHMA R	<i>[Signature]</i>
68	REVATHI R K NAIR	<i>[Signature]</i>
69	RHEA M PRADEEP	<i>[Signature]</i>
70	RINNY BABU	<i>[Signature]</i>
71	ROSE D PYNADATH	<i>[Signature]</i>
72	ROSE JOSEPH	<i>[Signature]</i>
73	ROSEMOL JAMES	<i>[Signature]</i>
74	ROSE SEBI	<i>[Signature]</i>
75	RUFFEENA GARFIN	<i>[Signature]</i>
76	SABNA N S	<i>[Signature]</i>
77	SHARON P.IGNATIUS	<i>[Signature]</i>
78	SHARON SHAJI PULIKKOTTIL	<i>[Signature]</i>
79	SHINE ROSS	<i>[Signature]</i>
80	SHWETHA N	<i>[Signature]</i>
81	SJI JOHN	<i>[Signature]</i>
82	SMEERA RAJAN	<i>[Signature]</i>
83	SNEHA BOSE A	<i>[Signature]</i>
84	SNEHA SHAJU	<i>[Signature]</i>
85	SONE VARGHEESE	<i>[Signature]</i>
86	SOORAJ S	<i>[Signature]</i>
87	SOORYA SUNIL	<i>[Signature]</i>
88	SREEDEVI M S	<i>[Signature]</i>
89	SREELAKSHMY T P	<i>[Signature]</i>

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THE INSTITUTION OF ELECTRONICS AND
TELECOMMUNICATION ENGINEERS



Certificate of Participation

This is to certify that**SREEYADYA**.....*R*..... has actively participated in the workshop on "SciLab" organized by ECSA in association with IETE held on 21st October 2016 at Jyothi Engineering College, Cheruthuruthy.

IETE Co-ordinator

Professional Club
Co-ordinator

Asst. Manager
(Academics)

Principal

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THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS



Certificate of Participation

This is to certify that **MERIN JOSHY** has actively participated in the workshop on "SciLab" organized by ECSA in association with IETE held on 20th October 2016 at Jyothi Engineering College, Cheruthuruthy.

IETE Co-ordinator

Professional Club Co-ordinator

Asst. Manager (Academics)

Principal

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

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 1/10/2016 to 5/11/2016. 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,

02/09/2016

Cheruthuruthy

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Yours faithfully

Sobha
Sobha Xavier P

Recommended

of

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16-17

Add-on Courses

C Programming

Expected Course Outcome:

1. Know the basics of C programming language.
2. To get the knowledge about functions and recursion.
3. The student will be able to handle arrays.
4. The student will be familiarised with structure and union.

Syllabus

Structure of C program – Operators and expressions – Procedure and order of evaluation – Input and Output functions. while, do -while and for statements, if, if-else, switch, break, continue, goto, and labels. Programming examples.

Functions and Program structures: Functions – declaring, defining, and accessing functions – parameter passing methods – Recursion . Library functions. Header files – C pre-processor. Example programs.

Arrays: Defining and processing arrays – passing arrays to functions – two dimensional and multidimensional arrays – application of arrays. Example programs.

Structures – declaration, definition and initialization of structures, unions, Pointers: Concepts, declaration, initialization of pointer variables simple examples.

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
Avg	3	2.5	3	2.5	2.3	1.3	1.5	1.3	1	1.3	1.8	3

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DEPARTMENT OF CSE- ADD-ON COURSE SCHEDULE

ADD-ON COURSE	DATE & DAY	HOURS ALLOTTED	VENUE
C programming	01/10/2016(SATURDAY)	1 to 7th Hour	Data structure lab
	15/10/2016(SATURDAY)	1 to 7th Hour	
	22/10/2016(SATURDAY)	1 to 7th Hour	
	29/10/2016(SATURDAY)	1 to 7th Hour	
	05/11/2016(SATURDAY)	1 to 7th Hour	

Staff In-Charge
Ms.Sobha Navier P

Total Hours

35

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DEPARTMENT OF CSE-ADD-ON COURSE-Attendance List							
COURSE NAME: C programming							
Sl No:	Register Number	Name	Attendance				
			01/10/16	15/10/16	22/10/16	29/10/16	05/11/16
1	JYANEC004	AISWARYA PAULSON					a
2	JYANEC008	ALEENA SEBY					
3	JYANEC019	ASAMS T J					a
4	JYANEC012	ANNA JOBY					
5	JYANEC014	ANUMOL	a				
6	JYANEC016	ARJUN T A					
7	JYANEC006	AKASH THOMAS					
8	JYANEC010	ANAGHA PAULSON					
9	JYANEC009	ALFIN LAWRENCE			a	a	
10	JYANEC018	ARUN I P					
11	JYANEC003	AGNA BASTIAN					
12	JYANEC013	ANNMARIYA JAMES.P					
13	JYANEC015	APARNA MOHAN					
14	JYANEC017	ARNOLD TOM		a			
15	JYANEC011	ANJALI C					
16	JYANEC005	AJIN V.ALEX				a	
17	JYANEC007	ALBIN VINCL					
18	JYANEC002	ABEE JOE VARGHESE					
19	JYAOECS 004	ABIN SHAJU T					
20	JYAOECS 005	ADHUL THOMAS					
21	JYAOECS 010	AKHIL NATH P T					
22	JYAOECS 009	AJIL PAUL C	a		a		a
23	JYAOECS 003	ABHISHEK RAJENDRAN					
24	JYAOECS 008	AISWARYA ROY					
25	JYAOECS 007	AISWARYA K PRABHAKARAN			a		
26	JYAOECS 006	AISWARYA C S					
27	JYAOECS 002	AAYINA K				a	
28	JEC15CS039	JILU G VADUKKOOT					
29	JEC15CS030	FLEMY JOY					
30	JEC15CS015	ANIRUDH RAJAN V					
31	JEC15CS006	AFIFA.TA		a			
32	JEC15CS004	ADARSH P S					
33	JEC15CS041	JOE THOMAS URUVATH					
34	JEC15CS017	ARUN NAIR				a	
35	JEC15CS042	JOHN SAMUEL					
36	JEC15CS035	HRISHIKESH C K			a		
37	JEC15CS005	ADHUL E					
38	JEC15CS021	ATHIRA KC					
39	JEC15CS012	ANAND A M	a				
40	JEC15CS032	HARIKRISHNAN.T					
41	JEC15CS037	JIJITH S NAIR					
42	JEC15CS013	ANCIA SAJU O					

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43	JEC15CS003	ABIN MATHEW WILSON				a	
44	JEC15CS027	EMMANUEL WILSON					
45	JEC15CS026	DIVYA KONIKKARA					
46	JEC15CS019	ASHIQ P S	a		a		
47	JEC15CS033	HELLA ROSE T					
48	JEC15CS024	DELMA DAVIS					
49	JEC15CS014	ANCY SUNNY P			a		
50	JEC15CS011	AMAL PREM K.P					
51	JEC15CS008	ALEENAVNCENT					
52	JEC15CS028	F AJAZ					
53	JEC15CS025	DILEEP THANKACHAN					
54	JEC15CS016	ANJU MARIA K B				a	
55	JEC15CS034	HINDA MARIYA					
56	JEC15CS040	JIMA MARIYA V D					a
57	JEC15CS009	ALLEN MATHEW	a				
58	JEC15CS023	CATHERINE ANTO					
59	JEC15CS031	HARIKRISHNA M P					
60	JEC15CS022	BINI MARIA B			a		
61	JEC15CS036	JAIN JOHNSON					
62	JEC15CS020	ASNA NESRY					a
63	JEC15CS002	ABHISHEK ACHUTHAN KUTTY	a				

Sobhe Karan

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ADD-ON COURSE FEEDBACK FORM

Topic Title:

C Programming

Participant's Name (optional):

Animal

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?					

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

Y

N

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Any other comments to improve the course :

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

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We appreciate your help in evaluating this program