



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

ACADEMIC YEAR

2018 -19



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S.No	Name of the Add-on Course
1.	Transfer Learning Frameworks
2.	PCB Design and Fabrication
3.	Parallel, Concurrent, and Distributed Programming in Java Specialization
4.	Introduction to Embedded Machine Learning
5.	Building Arduino robots and devices
6.	Web Designing & Hosting Using JAVA
7.	Modern Communication Systems
8.	Electrical Design and Drafting
9.	ARDUINO based Embedded System Design
10.	ARDUINO Programming
11.	Java Programs and Java Collections & Web Service Deployment
12.	NPTEL Course on English Language for Competitive Exams


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

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TRANSFER LEARNING FRAMEWORKS



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Ref: IECW/IT/RL/2019

Date: 17.01.2019

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Information Technology


Sub: Request for organising a 36 hours Add- on Course.


Dear Sir,

I, Mr. A. Joseph Selva Kumar, Associate Professor in the Department of Information Technology, would like to conduct a 36 hours add-on Course with Transfer learning is a very popular form of learning today. It aims to use a p[re-trained model to work on an entirely different dataset to see if meaningful results can be extracted when the machine learning algorithm is exposed to new data. Transfer learning is extremely popular because of the efficiency that is portrayed by the domain when working on really large datasets. In this course, you will learn all of the foundational concepts that are necessary for you to get started with and understand the working of transfer learning on "Transfer Learning Frameworks" from 21-01-2019 to 26-01-2019 for second year CSE& IT students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely


(Mr. A. Joseph Selva Kumar)


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Ref: IECW/IT/CC/2019

Date: 17.01.2019

Add-on Course-Syllabus

Name of the Course: **Transfer Learning Frameworks**

Academic Year: **2018-2019**

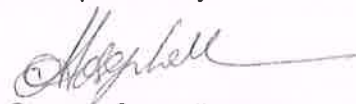
Course objectives:


Transfer learning is a very popular form of learning today. It aims to use a p[re-trained model to work on an entirely different dataset to see if meaningful results can be extracted when the machine learning algorithm is exposed to new data. Transfer learning is extremely popular because of the efficiency that is portrayed by the domain when working on really large datasets. In this course, students will learn all of the foundational concepts that are necessary for you to get started with and understand the working of transfer learning.

Topic-I		
	• Sensor Flow	2
	• Google Colab Basics	4
	• Image Classifier with tf. Keras	4
	• Pre-trained Conv Nets	4
	• Transfer Learning – Feature Extractor	4
	• Transfer Learning – Fine Tuning	4
	• Image Classifier with Tensor Flow Hub	4
	• Text Classification with Tensor Flow Hub	4
	• Tensor Flow Lite Model Maker	4
	• On-Device Training.	2

Total Hours 36

Course Outcomes: After completion of the course, the students will be able to understand the working of Transfer Learning Frameworks. The students Will be able to understand Transfer Learning Frameworks practically.


Course Co-ordinator.


HOD


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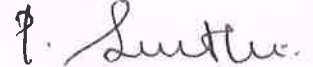
Ref: IECW/IT/CIR/2019

Date: 18.01.2019

DEPARTMENT OF INFORMATION TECHNOLOGY

CIRCULAR

The Department Of Information Technology is offering "Transfer Learning Frameworks" as add- on Course for second year CSE& IT students from 21-01-2019 to 26-01-2019 for the academic year 2018-2019 Mr. A. Joseph Selva Kumar, Associate Professor /IT will coordinate this course. Interested students can enrol their name for the Course with Mr. A. Joseph Selva Kumar.



HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. H.O.D (CSE)
5. To circulate among the department staff members.
6. File.

CC To:

To read second year CSE& IT classes.


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Add-on Course

On

“Transfer Learning Frameworks”

21-01-2019 - 26-01-2019

Mr. A. Joseph Selva Kumar

Associate Professor, IT/IECW

Venue: LH 15- IECW



**Idhaya Engineering College for Women
Chinnasalem – 606201**

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Phone: 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution.. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:

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PARTICIPANTS:

Second Year CSE& IT Students

IMPORTANT DATES:

Last Date of Registration: **19.01.2019**

Renu
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Date: 19.01.2019

Add-on Course

Name of the Course: **Transfer Learning Frameworks**

Academic Year: 2018-2019

Course Duration: 21-01-2019 - 26-01-2019 (36 hours)

Year/Dept: II/CSE

Registered Students

S. No	Roll No.	Name
1.	621117104001	AARTHI V
2.	621117104002	AKSHAYA K
3.	621117104003	ANISHA V
4.	621117104004	ANITHA D
5.	621117104006	ANUJAYA K
6.	621117104009	BUVANESWARI K
7.	621117104010	DAISY C
8.	621117104011	DEEPIKA M
9.	621117104012	DHANAM P
10.	621117104013	GAYATHRI B
11.	621117104014	GOODLUCK V
12.	621117104015	GOWRI K
13.	621117104016	INDHIRA K
14.	621117104017	INDHUJA S
15.	621117104019	JANANI N
16.	621117104020	JENIFER A
17.	621117104021	JENIFER NAYAGI S
18.	621117104022	JENIFFER RANJINI A
19.	621117104023	KANIMOZHI P
20.	621117104025	LEEMAROSE T
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22.	621117104028	MATHESHWARI C
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25.	621117104031	PADHMA J
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28.	621117104035	PRAVEENA P
29.	621117104037	PREMALATHA T
30.	621117104038	PRIYA C
31.	621117104039	PRIYA R
32.	621117104040	PRIYADHARSHINI.A
33.	621117104041	RAMYA P
34.	621117104042	RISWANA S
35.	621117104043	ROMILA R

D. RISWANA S, M.E., P.H.D., M.B.A., M.I.S.T.E., F.I.E.,

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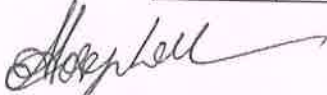
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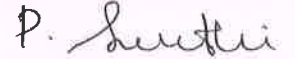
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36.	621117104044	SABITHRA K
37.	621117104046	SARAL JAYARANI A
38.	621117104048	SARULATHA K
39.	621117104050	SHALINI S
40.	621117104052	SOWBARNIKA A
41.	621117104053	SOWNDHARYA V
42.	621117104055	TAMILSELVI P
43.	621117104056	UDHAYANILA U
44.	621117104058	VASANTHAPRIYA V
45.	621117104059	VIJAYALAKSHMI S P
46.	621117104060	VINTHIYA M


Course Co-ordinator


HOD


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Year/Dept: II/IT

Registered Students

S. No	Roll No.	Name
1.	621117205002	ACCELIA
2.	621117205003	AKSHAYA KA
3.	621117205004	ANANTHI S
4.	621117205005	ANUPRIYA C
5.	621117205006	ASHAMARY M
6.	621117205007	BHARATHI.A.S
7.	621117205008	BHUVANESWARI B
8.	621117205009	CHANDHARALEKA J
9.	621117205010	HEMALATHA S
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15.	621117205017	PRIYADARSHINI D
16.	621117205018	PRIYANKA P
17.	621117205020	SHAHIKA PARWEEN.M
18.	621117205022	VAITHEESHWARI S

Course Co-ordinator

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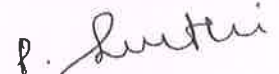
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Course Co-ordinator


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7.	621117205008	BHUVANESWARI	/	/	/	/	/	/
8.	621117205009	CHANDHARALEKA	/	/	/	/	/	/
9.	621117205010	HEMALATHA S	/	/	/	/	/	/
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13.	621117205014	NANDHINI A	/	/	/	/	/	/
14.	621117205015	PRAVEENA V	/	/	/	/	/	/
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2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in


Ref: IECW/IT/ER/2019

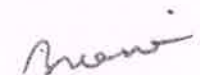
Date: 31.01.2019


Event Report

Name of Activity: Add - on Course- Transfer Learning Frameworks			
Organized by: Department of Information Technology			
Date: 21-01-2019 - 26-01-2019		Total Participants:64	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mr. A. Joseph Selva Kumar	Assistant Professor	Department of Information Technology, Chinnasalem
<p>For the benefits of student's The department of Department of Information Technology, Idhaya Engineering College For Women, Chinnasalem. Conducted a 36 hours Add-on course on "Transfer Learning Frameworks" from 21-01-2019 - 26-01-2019. Mr. A. Joseph Selva Kumar, Assistant Professor /IT were the resource person. The students from second year CSE &IT actively Participated in this course. At the end of the course the students learnt the working of Transfer Learning Frameworks. The students Will be able to understand Transfer Learning Frameworks practically.</p>			


Course Co-ordinator


HOD


Principal


Dr. R. GURUMANI, M.E., P.D., M.B.A., MISTE, F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT



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Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/ML/2019

Date: 29.01.2019

Add-on Course

Name of the Course: Transfer Learning Frameworks

Academic Year: 2018-2019

Course Duration: 21-01-2019 - 26-01-2019 (36 hours)

Year/Dept.: II/CSE

Mark List

S. No	Roll No.	Name	Marks 50
1.	621117104001	AARTHI V	46
2.	621117104002	AKSHAYA K	40
3.	621117104003	ANISHA V	41
4.	621117104004	ANITHA D	42
5.	621117104006	ANUJAYA K	39
6.	621117104009	BUVANESWARI K	38
7.	621117104010	DAISY C	45
8.	621117104011	DEEPIKA M	47
9.	621117104012	DHANAM P	42
10.	621117104013	GAYATHRI B	46
11.	621117104014	GOODLUCK V	48
12.	621117104015	GOWRI K	46
13.	621117104016	INDHIRA K	43
14.	621117104017	INDHUJA S	40
15.	621117104019	JANANI N	38
16.	621117104020	JENIFER A	45
17.	621117104021	JENIFER NAYAGI S	46
18.	621117104022	JENIFFER RANJINI A	46
19.	621117104023	KANIMOZHI P	44
20.	621117104025	LEEMAROSE T	48
21.	621117104027	MANI BHARATHI D	40
22.	621117104028	MATHESHWARI C	41
23.	621117104029	MUTHULAKSHMI M	40
24.	621117104030	NANDHINI E	38
25.	621117104031	PADHMA J	37
26.	621117104033	PAVITHRA.D	39
27.	621117104034	PRABA B	42
28.	621117104035	PRAVEENA P	39
29.	621117104037	PREMALATHA T	44
30.	621117104038	PRIYA C	46
31.	621117104039	PRIYA R	44
32.	621117104040	PRIYADHARSHINI A	48
33.	621117104041	RAMYA P	40
34.	621117104042	RISWANA S	41
35.	621117104043	ROMILA R	40



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Email ID: indhaya@iecw.edu.in

36.	621117104044	SABITHRA K	38
37.	621117104046	SARAL JAYARANI A	37
38.	621117104048	SARULATHA K	39
39.	621117104050	SHALINI S	42
40.	621117104052	SOWBARNIKA A	39
41.	621117104053	SOWNDHARYA V	44
42.	621117104055	TAMILSELVI P	40
43.	621117104056	UDHAYANILA U	43
44.	621117104058	VASANTHAPRIYA V	39
45.	621117104059	VIJAYALAKSHMI S P	44
46.	621117104060	VINTHIYA M	46


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

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Email ID: idhaya@iecw.edu.in

Ref: IECW/IT/ML/2019

Date: 29.01.2019

Add-on Course

Name of the Course: **Transfer Learning Frameworks**


Academic Year: 2018-2019


Course Duration: 21-01-2019 - 26-01-2019 (36 hours)


Year/Dept: II/IT

Mark List

S. No	Roll No.	Name	Marks
1.	621117205002	ACCELIA	50
2.	621117205003	AKSHAYA KA	45
3.	621117205004	ANANTHI S	44
4.	621117205005	ANUPRIYA C	46
5.	621117205006	ASHAMARY M	40
6.	621117205007	BHARATHI.A.S	41
7.	621117205008	BHUVANESWARI B	42
8.	621117205009	CHANDHARALEKA	39
9.	621117205010	HEMALATHA S	38
10.	621117205011	KANCHANA S	45
11.	621117205012	MANJULA S	47
12.	621117205013	MARY VALENTINA	42
13.	621117205014	NANDHINI A	46
14.	621117205015	PRAVEENA V	48
15.	621117205017	PRIYADARSHINI D	46
16.	621117205018	PRIYANKA P	43
17.	621117205020	SHAHIKA	40
18.	621117205022	VAITHEESHWARI	38
			45


Course Co-ordinator


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DISTRICT


HOD



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION


This is to Certify that.....Anujaya. k.....
studyingII - CSE..... has successfully completed36 hours..... Add-on Course
on.....Transfer Learning Frameworks..... conducted by the Department of
.....IT..... from 21.01.2019.. to 26.01.2019. In the academic year ...2018....2019....



Course co-ordinator



HOD


Dt. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.-
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT


Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

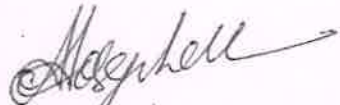
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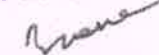
An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....Buvaneshwari : K.....
studyingII - CSE..... has successfully completed36 hours..... Add-on Course
on.....Transfer Learning Frameworks..... conducted by the Department of
.....IT..... from 21.01.2019 to 26.01.2019.. In the academic year ...2018-2019...


Course co-ordinator


HOD


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Principal



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Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.


An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....C. Daisy.....
 studyingII - CSE..... has successfully completed36 hours..... Add-on Course
 on.....Transfer Learning Frameworks..... conducted by the Department of
IT..... from 21.01.2019 to 26.01.2019.. In the academic year 2018 - 2019....


Course co-ordinator


HOD


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ITE., F.I.E.,
PRINCIPAL
 IDHAYA ENGG. COLLEGE FOR WOMEN
 CHINNASALEM-606201, VILLUPURAM DT.
Principal



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PCB DESIGN AND FABRICATION



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/RL/2019

Date: 17.01.2019

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Electronics and Communication Engineering.

Sub: Request for organising a 36 hours Add- on Course.


Dear Sir,

I, Mrs. S. Dhanalakshmi, Assistant Professor in the Department of Electronics and Communication Engineering, would like to conduct a 36 hours add-on Course with the objective of Understand the need for PCB Design and steps involved in PCB Design and Fabrication process. Familiarize Schematic and layout design flow using Electronic Design Automation (EDA) Tools on "PCB Design and Fabrication" from 21-01-2019 to 26-01-2019 for second year EEE& ECE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely

(Mrs. S. Dhanalakshmi)


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CC/2019

Date: 17.01.2019

Add-on Course

Name of the Course: PCB Design and Fabrication

Academic Year: 2018-2019

Course objectives:

Understand the need for PCB Design and steps involved in PCB Design and Fabrication process. Familiarize Schematic and layout design flow using Electronic Design Automation (EDA) Tools.

Topic-I	Introduction to PCB: Definition and Need/Relevance of PCB- Background and History of PCB- Types of PCB- Classes of PCB Design- Terminology in PCB Design-Different Electronic design automation (EDA) tools and comparison.	9
Topic-II	PCB Design Process: PCB Design Flow, Placement and routing- Steps involved in layout design- Artwork generation Methods - manual and CAD-General design factor for digital and analog circuits-Layout and Artwork making for Single-side, double-side and Multilayer Boards. -Design for manufacturability- Design-specification standards	9
Topic-III	Introduction to PCB Fabrication & Assembly-PCB Fabrication techniques-single, double sided and multilayer-Etching: chemical principles and mechanisms- Post operations- stripping, black oxide coating and solder masking- PCB component assembly processes	9
Topic-IV	Transmission lines and crosstalk-Transmission Line: Transmission lines and its effects, Significance of Transmission line in Board design, Types of Transmission lines. Crosstalk: The crosstalk in transmission lines, Crosstalk control in PCB design parts, planes, tracks, connectors, terminations, Minimization of crosstalk.-Thermal issues: Thermal mapping of design	9
Total Hours		36

Course Outcomes: At the end of the course, the students will be able to attain the following Appreciate the necessity and evolution of PCB, types and classes of PCB. Understand the steps involved in schematic, layout, fabrication and assembly process of PCB design. Understand basic concepts of transmission line, crosstalk and thermal issues Design (schematic and layout) PCB for analog circuits, digital circuits and mixed circuits. Design (schematic and layout) and fabricate PCB for simple circuits.


Course Co-ordinator




HOD

Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Email ID: indhaya@iecw.edu.in


Ref: IECW/ECE/CIR/2019

Date: 18.01.2019

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

The Department Of Electronics and Communication Engineering is offering "PCB Design and Fabrication" as add- on Course for second year EEE&ECE students from 21-01-2019 to 26-01-2019 for the academic year 2018-2019. Mrs. S. Dhanalakshmi, Assistant Professor /ECE will coordinate this course. Interested students can enrol their name for the Course with Mrs. S. Dhanalakshmi.


HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. H.O.D (EEE)
5. To circulate among the department staff members.
6. File.

CC To:

To read second year EEE& ECE classes.


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT

Add-on Course

On

“PCB Design and Fabrication”

21-01-2019 - 26-01-2019

Mrs. S. Dhanalakshmi

Assistant Professor, ECE/IECW

Venue: LH 16- IECW



Idhaya Engineering College for Women

Chinnasalem – 606201

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone: 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:

Understand the need for PCB Design and steps involved in PCB Design and Fabrication process. Familiarize Schematic and layout design flow using Electronic Design Automation (EDA) Tools.

PARTICIPANTS:

Second Year EEE& ECE Students

IMPORTANT DATES:

Last Date of Registration: **19.01.2019**

Bevan
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
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Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SR/2019

Date: 19.01.2019

Add-on Course

Name of the Course: PCB Design and Fabrication

Academic Year: 2018-2019

Course Duration: 21-01-2019 - 26-01-2019 (36 hours)

Year/Dept: II/ECE

Registered Students

S. No	Roll No.	Name
1.	621117106002	ALAMELU A
2.	621117106003	AMALA S
3.	621117106004	ANITHA P
4.	621117106005	ANJUGAM S
5.	621117106008	BHARATHI MEENA K
6.	621117106009	BHARATHI T
7.	621117106010	DEVIPRIYA G
8.	621117106013	GOMATHI P
9.	621117106014	HARANISHWARI R
10.	621117106016	KAVIYA V
11.	621117106017	KOWSALYA K
12.	621117106018	MADHURASREE G
13.	621117106019	MEENA K
14.	621117106020	NANDHINI A
15.	621117106021	PRIYADHARSHINI S
16.	621117106022	PUNITHA D
17.	621117106023	RANJITHA R
18.	621117106024	RASIYA P
19.	621117106025	SELVABHARATHI T
20.	621117106026	SINDHUBALA B
21.	621117106027	SNEKA A
22.	621117106028	SRIMATHI M
23.	621117106029	SUBHASHINI S
24.	621117106030	SUBASRI S
25.	621117106031	SUGANTHI C


Course Co-ordinator


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.IE.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT. HOD



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/EEE/SR/2019

Date: 19.01.2019

Add-on Course

Name of the Course: **PCB Design and Fabrication**

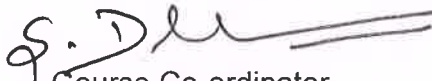
Academic Year: 2018-2019

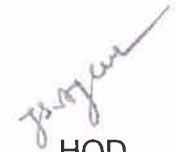
Course Duration: 21-01-2019 - 26-01-2019 (6 Days)

Year/Dept: II/EEE

Registered Students

S. No	Roll No.	Name
1.	6211171050	BHARANI P
2.	6211171050	CELCIYA L
3.	6211171050	GAYATHRI V
4.	6211171050	JEEVA Y
5.	6211171050	KALVI P
6.	6211171050	KOKILA S
7.	6211171050	POONGUZHALI
8.	6211171050	PRECILLA A
9.	6211171050	PRIYADHARSH
10.	6211171050	RAJESHWARI
11.	6211171050	SANTHINI A
12.	6211171050	SHAKILA
13.	6211171050	SUGANYA P
14.	6211171050	SUVITHA S
15.	6211171050	UDHAYANILA V
16.	6211171050	VEERAMMAL P
17.	6211171055	VASANTHA


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., P.E.
PRINCIPAL

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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SAL/2019

Date: 21.01.2019

Add On Course

Name of the Course: PCB Design and Fabrication

Academic Year: 2018-2019

Course Duration: 21-01-2019 - 26-01-2019 (36 hours)

Year/Dept: II/EEE

Students Attendance List

S. No	Roll No.	Name	21-01-2019	22.01.2019	23.01.2019	24.01.2019	25.01.2019	26.01.2019
1.	621117105002	BHARANI P	/	/	/	/	/	/
2.	621117105003	CELCIYA L	/	/	/	/	/	/
3.	621117105004	GAYATHRI V	/	/	/	/	/	/
4.	621117105005	JEEVA Y	/	/	/	/	/	/
5.	621117105006	KALVI P	/	/	/	/	/	/
6.	621117105007	KOKILA S	/	/	/	/	/	/
7.	621117105008	POONGUZHALI P	/	/	/	/	/	/
8.	621117105009	PRECILLA A	/	/	/	/	/	/
9.	621117105010	PRIYADHARSHNI	/	/	/	/	/	/
10.	621117105011	RAJESHWARI R	/	/	/	/	/	/
11.	621117105012	SANTHINI A	/	/	/	/	/	/
12.	621117105013	SHAKILA ANANTHA	/	/	/	/	/	/
13.	621117105014	SUGANYA P	/	/	/	/	/	/
14.	621117105015	SUVITHA S	/	/	/	/	/	/
15.	621117105016	UDHAYANILA V	/	/	/	/	/	/
16.	621117105017	VEERAMMAL P	/	/	/	/	/	/
17.	621117105501	VASANTHA PRIYAA	/	/	/	/	/	/


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SAL/2019

Date: 21.01.2019

Add On Course

Name of the Course: PCB Design and Fabrication

Academic Year: 2018-2019

Course Duration: 21-01-2019 - 26-01-2019 (36 hours)

Year/Dept: II/ECE

Students Attendance List

S. No	Roll No.	Name	21-01-2019	22.01.2019	23.01.2019	24.01.2019	25.01.2019	26.01.2019
1.	621117106002	ALAMELU A	/	/	/	/	/	/
2.	621117106003	AMALA S	/	/	/	/	/	/
3.	621117106004	ANITHA P	/	/	/	/	/	/
4.	621117106005	ANJUGAM S	/	/	/	/	/	/
5.	621117106008	BHARATHI MEENA K	/	/	/	/	/	/
6.	621117106009	BHARATHI T	/	/	/	/	/	/
7.	621117106010	DEVIPRIYA G	/	/	/	/	/	/
8.	621117106013	GOMATHI P	/	/	/	/	/	/
9.	621117106014	HARANISHWARI R	/	/	/	/	/	/
10.	621117106016	KAVIYA V	/	/	/	/	/	/
11.	621117106017	KOWSALYA K	/	/	/	/	/	/
12.	621117106018	MADHURASREE G	/	/	/	/	/	/
13.	621117106019	MEENA K	/	/	/	/	/	/
14.	621117106020	NANDHINI A	/	/	/	/	/	/
15.	621117106021	PRIYADHARSHINI S	/	/	/	/	/	/
16.	621117106022	PUNITHA D	/	/	/	/	/	/
17.	621117106023	RANJITHA R	/	/	/	/	/	/
18.	621117106024	RASIYA P	/	/	/	/	/	/
19.	621117106025	SELVABHARATHI T	/	/	/	/	/	/
20.	621117106026	SINDHUBALA B	/	/	/	/	/	/
21.	621117106027	SNEKA A	/	/	/	/	/	/
22.	621117106028	SRIMATHI M	/	/	/	/	/	/
23.	621117106029	SUBHASHINI S	/	/	/	/	/	/
24.	621117106030	SUBASRI S	/	/	/	/	/	/
25.	621117106031	SUGANTHI C	/	/	/	/	/	/


Course Co-Ordinator


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201. KALLAKURICHI DT.


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2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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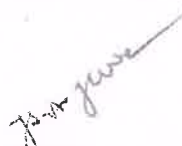
Ref: IECW/ECE/ER/2019

Date: 30.01.2019

Event Report

Name of Activity: Add On Course- PCB Design and Fabrication			
Organized by: Electronics and Communication Engineering			
Date: 21-01-2019 - 26-01-2019		Total Participants:42	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mrs. S. Dhanalakshmi	Assistant Professor	Department of Electronics and Communication Engineering -IECW, Chinnasalem
<p>For the benefits of student's The department of Electronics and Communication Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted 36 hours Add-on Course on "PCB Design and Fabrication" from 21-01-2019 - 26-01-2019 Mrs. S. Dhanalakshmi, Assistant Professor /ECE were the resource person. The students from second year ECE & EEE actively Participated in this course. At the end of the course the students learnt the necessity and evolution of PCB, types and classes of PCB. Understand the steps involved in schematic, layout, fabrication and assembly process of PCB design. Understand basic concepts of transmission line, crosstalk and thermal issues Design (schematic and layout) PCB for analog circuits, digital circuits and mixed circuits. Design (schematic and layout) and fabricate PCB for simple circuits.</p>			


Course Coordinator


HOD


Principal


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.TE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/ML/2019

Date: 28.01.2019

Add-On Course

Name of the Course: PCB Design and Fabrication


Academic Year: 2018-2019

Course Duration: 21-01-2019 - 25-01-2019 (36 hours)

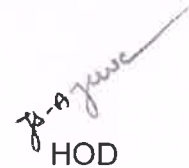
Year/Dept: II/EEE

Mark List

S. No	Roll No.	Name	Marks 50
1.	621117105002	BHARANI P	41
2.	621117105003	CELCIYA L	42
3.	621117105004	GAYATHRI V	39
4.	621117105005	JEEVA Y	38
5.	621117105006	KALVI P	45
6.	621117105007	KOKILA S	47
7.	621117105008	POONGUZHALI P	42
8.	621117105009	PRECILLA A	46
9.	621117105010	PRIYADHARSHNI ALLWIN	48
10.	621117105011	RAJESHWARI R	37
11.	621117105012	SANTHINI A	39
12.	621117105013	SHAKILA ANANTHA BABY	42
13.	621117105014	SUGANYA P	39
14.	621117105015	SUVITHA S	44
15.	621117105016	UDHAYANILA V	40
16.	621117105017	VEERAMMAL P	43
17.	621117105501	VASANTHA PRIYAA K M	39


Course Co-ordinator




HOD

Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/ML/2019

Date: 28.01.2019

Add-on Course

Name of the Course: **PCB Design and Fabrication**


Academic Year: 2018-2019

Course Duration: 21-01-2019 - 25-01-2019 (36 hours)

Year/Dept: II/ECE

Mark List

S. No	Roll No.	Name	Marks
1.	621117106002	ALAMELU A	50
2.	621117106003	AMALA S	45
3.	621117106004	ANITHA P	46
4.	621117106005	ANJUGAM S	44
5.	621117106008	BHARATHI MEENA K	47
6.	621117106009	BHARATHI T	18
7.	621117106010	DEVIPRIYA G	45
8.	621117106013	GOMATHI P	46
9.	621117106014	HARANISHWARI R	44
10.	621117106016	KAVIYA V	47
11.	621117106017	KOWSALYA K	38
12.	621117106018	MADHURASREE G	39
13.	621117106019	MEENA K	46
14.	621117106020	NANDHINI A	42
15.	621117106021	PRIYADHARSHINI S	43
16.	621117106022	PUNITHA D	42
17.	621117106023	RANJITHA R	42
18.	621117106024	RASIYA P	45
19.	621117106025	SELVABHARATHI T	46
20.	621117106026	SINDHUBALA B	45
21.	621117106027	SNEKA A	47
22.	621117106028	SRIMATHI M	48
23.	621117106029	SUBHASHINI S	49
24.	621117106030	SUBASRI S	45
25.	621117106031	SUGANTHI C	44
			46


Course Co-Ordinator


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.L.,
PRINCIPAL

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Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

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CERTIFICATE OF COMPLETION

This is to Certify that.....*Anjugam. S*.....
studying*II - ECE*..... has successfully completed*36 hours*..... Add-on Course
on.....*PCB Design and Fabrication*..... conducted by the Department of
.....*ECE*..... from *21.01.2019*... to *26.01.2019*... In the academic year ...*2018-2019*...

S.D.
Course co-ordinator

[Signature]
HOD

[Signature]
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

[Signature]
Principal



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An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....Bharathi Meena: K.....
 studyingII - ECE..... has successfully completed36 hours..... Add-on Course
 on.....PCB Design and Fabrication..... conducted by the Department of
ECE..... from 21.01.2019 to 26.01.2019. In the academic year ...2018-2019.....

S. D. [Signature]
 Course co-ordinator

[Signature]
 HOD

[Signature]
 Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
 PRINCIPAL
 IDHAYA ENGG. COLLEGE FOR WOMEN
 CHINNASALEM-606 201, KALLAKURICHI DT
[Signature]
 Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.


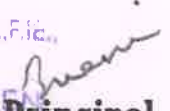
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.
An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....A. Sneka.....
studyingII - ECE..... has successfully completed36 hours..... Add-on Course
on.....PCB Design and Fabrication..... conducted by the Department of
.....ECE..... from 21.01.2019 to 26.01.2019. In the academic year2018 - 2019..


Course co-ordinator


HOD


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
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CHINNASALEM-606 201, KALLAKURICHI DT

Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

PARALLEL CONCURRENT, AND DISTRIBUTED PROGRAMMING IN JAVA SPECIALIZATION



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/CSE/RL/2019

Date: 02.01.2019

Requisition Letter

To

The principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through:

Head of the Department,
Department of Computer Science Engineering.

Sub: Request for organising a 30 hours add-on course.

Dear Sir,

I, Ms. Lilly sara A, Assistant Professor in the Department of Computer Science Engineering, would like to conduct a 36 hours add-on course with the objective of learning advanced techniques on "Parallel, Concurrent, and Distributed Programming in Java Specialization" from 07-01-2019 to 12-01-2019 for third year IT students. In this regard, I request you to give permission for the course.

Thanking you sir.

Yours Sincerely

(Ms. Lilly sara A)

Lilly
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/CSE/CC/2019

Date: 02.01.2019

Add On Course-Syllabus

Name of the Course: **Parallel, Concurrent, and Distributed Programming in Java Specialization**

Academic Year: 2018-2019

Course Objectives:

In this course we will learn the fundamentals of task parallelism. Tasks are the most basic unit of parallel programming. An increasing number of programming languages (including Java and C++) are moving from older thread-based approaches to more modern task-based approaches for parallel programming.

Topic-I	Task Creation and Termination (Async, Finish)- Java's Fork/Join Framework- Computation Graphs, Work, Span- Multiprocessor Scheduling, Parallel Speedup-Amdahl's Law-Reciprocal Array Sum using Async-Finish - Reciprocal Array Sum using Recursive Action's in Java's Fork/Join Framework	6
Topic-II	Futures: Tasks with Return Values- Futures in Java's Fork/Join Framework- Memoization-Java Streams-Data Races and Determinism-Reciprocal Array Sum using Recursive Task's in Java's Fork/Join Framework- Parallel List Processing Using Java Streams	6
Topic-III	Parallel Loops-Parallel Matrix Multiplication-Barriers in Parallel Loops- Parallel One-Dimensional Iterative Averaging-Iteration Grouping/Chunking in Parallel Loops-Parallel Matrix Multiplication -Parallel One-Dimensional Iterative Averaging	6
Topic-IV	Split-phase Barriers with Java Phasers-Point-to-Point Synchronization with Phasers-One-Dimensional Iterative Averaging with Phasers-Pipeline Parallelism-Data Flow Parallelism-Phaser Examples-Pipeline & Data Flow Parallelism	6
Topic-V	Threads- Structured Locks-Unstructured Locks-Livens-Dining Philosophers Demonstration: Locking and Synchronization- Critical Sections-Object Based Isolation -Concurrent Spanning Tree Algorithm-Atomic Variables-Read, Write Isolation-Demonstration: Global and Object-Based Isolation	6
Topic-VI	Optimistic Concurrency-Concurrent Queue-Linearizability-Concurrent Hash Map-Concurrent Minimum Spanning Tree Algorithm-Demonstration: Parallelization of Boruvka's Minimum Spanning Tree Algorithm- Introduction to Map-Reduce-Hadoop Framework-Spark Framework-TF-IDF Example-	6


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Page Rank - Introduction to Sockets-Serialization/Deserialization-Remote
Method-Invocation--Multicast Sockets-Publish-Subscribe Model-
Demonstration: File Server using Sockets

Total Hours 36

Course Outcomes:

After completion of the course, the students will be able to understand the working of Parallel, Concurrent, and Distributed Programming in Java Specialization The students will be able to understand and do practically.

Course Co-ordinator.

HOD

Renee
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/CIR/2019

Date: 03.01.2019

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

The Department of Computer Science and Engineering is offering "Parallel, Concurrent, and Distributed Programming in Java Specialization" as 36 hours add-on course for third year IT students from 07-01-2019 to 12-01-2019 for the academic year 2018-2019. Ms. Lilly sara A, Assistant Professor /CSE will coordinate this course. Interested students can enrol their name for the course with Ms. Lilly sara A.


HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the departments staff members.
5. File.

CC To:

To read in third year IT classes.


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Add-on Course

On

**“Parallel, Concurrent, and Distributed
Programming in Java Specialization”**

07-01-2019 to 12-01-2019

Ms. Lilly sara A

Assistant Professor, CSE/IECW

Venue: LH 12- IECW



**Idhaya Engineering College for Women
Chinnasalem – 606201**

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has 2(f) status of UGC act 1956 for getting central funding assistance. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:

In this course we will learn the fundamentals of task parallelism. Tasks are the most basic unit of parallel programming. An increasing number of programming languages (including Java and C++) are moving from older thread-based approaches to more modern task-based approaches for parallel programming.

PARTICIPANTS:

Third Year IT students

IMPORTANT DATES:

Last Date of Registration: **05.01.2019**

Rasmi
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/IT/SR/2019

Date: 05.01.2019

Add-on Course

Name of the Course: **Parallel, Concurrent, and Distributed Programming in Java Specialization**

Course Duration: 07.01.2019-12.01.2019 (36 hours) Academic Year: 2018-2019

Year/Dept: III/IT

Students Registration

S. No	Roll No.	Name
1.	621116205001	ANJALAI A
2.	621116205002	ANUSUYA J
3.	621116205003	DHANUSUYA V
4.	621116205004	GOWSHIKA J
5.	621116205005	GRACY NIRMALA R
6.	621116205006	JASMIN MARY J
7.	621116205007	PRIYA R
8.	621116205008	PRIYANKA E
9.	621116205009	RAJALAKSHMI R
10.	621116205012	SHALINI K

Course Co-ordinator

HOD

Heena
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT



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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/IT/SAL/2019

Date: 07.01.2019

Add-on Course

Name of the Course: **Parallel, Concurrent, and Distributed Programming in Java Specialization**

Course Duration: 07.01.2019-12.01.2019 (36 hours)

Academic Year: 2018-2019

Year/Dept: III/IT

Students Attendance List

S. No	Roll No.	Name	07.01.2019	08.01.2019	09.01.2019	10.01.2019	11.01.2019	12.01.2019
1.	621116205001	ANJALAI A	/	/	/	/	/	/
2.	621116205002	ANUSUYA J	/	/	/	/	/	/
3.	621116205003	DHANUSUYA V	/	/	/	/	/	/
4.	621116205004	GOWSHIKA J	/	/	/	/	/	/
5.	621116205005	GRACY NIRMALA R	/	/	/	/	/	/
6.	621116205006	JASMIN MARY J	/	/	/	/	/	/
7.	621116205007	PRIYA R	/	/	/	/	/	/
8.	621116205008	PRIYANKA E	/	/	/	/	/	/
9.	621116205009	RAJALAKSHMI R	/	/	/	/	/	/
10.	621116205012	SHALINI K	/	/	/	/	/	/

Course Co-ordinator

HOD

R. Gurumani
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/IT/ER/2019

Date: 18.01.2019

Event Report

Name of Activity: Add - on Course- Parallel, Concurrent, and Distributed Programming in Java Specialization			
Organized by: Department of Computer Science and Engineering			
Date:07-01-2019 - 12-01-2019		Total Participants:10	
Resource Person: Ms. Lilly sara A			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Ms. Lilly sara A	Assistant Professor	Department of Computer Science and Engineering -IECW, Chinnasalem
For the benefits of student's The department of Electrical and Electronics Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted a 36 hours Add-on course on "Parallel, Concurrent, and Distributed Programming in Java Specialization" From 07-01-2019 to 12-01-2019. Ms. Lilly sara A , Assistant Professor /CSE were the resource person. The students from third year IT actively Participated in this course. At the end of the course the students learnt the the working of Parallel, Concurrent, and Distributed Programming in Java Specialization The students will able to understand and do practically.			

Course Co-ordinator

HOD

Principal

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., P.D.C., P.T.C.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/IT/ML/2019

Date: 22.01.2019

Add-on Course

Name of the Course: **Parallel, Concurrent, and Distributed Programming in Java Specialization**

Course Duration: 07.01.2019-12.01.2019 (36 hours)

Academic Year: 2018-2019


Year/Dept: III/IT

Mark List

S. No	Roll No.	Name	Marks
1.	62111620500	ANJALAI A	40
2.	62111620500	ANUSUYA J	42
3.	62111620500	DHANUSUYA V	37
4.	62111620500	GOWSHIKA J	39
5.	62111620500	GRACY NIRMALA	44
6.	62111620500	JASMIN MARY J	48
7.	62111620500	PRIYA R	46
8.	62111620500	PRIYANKA E	39
9.	62111620500	RAJALAKSHMI R	40
10.	62111620501	SHALINI K	45


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.



An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....R. Priya.....
studying has successfully completed36 hours..... Add-on Course
on.....Parallel, Concurrent & Distributed Programming in Java Specialization..... conducted by the Department of
.....CSE..... from 07.01.2019 to 12.01.2019... In the academic year ...2018-2019...


Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI

Principal



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CERTIFICATE OF COMPLETION

This is to Certify that.....*K. Shalini*.....
 studying*III - IT*..... has successfully completed*36 hours*..... Add-on Course
 on.....*Parallel, Concurrent & Distributed Programming in Java Specialization*..... conducted by the Department of
*CSE*..... from *07.01.2019* to *12.01.2019* In the academic year ...*2018 - 2019*...

[Signature]

Course co-ordinator

[Signature]

HOD

[Signature]

Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
 PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
 CHINNASALEM-606 201, KALLAKURICH

[Signature]
 Principal



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Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....*A. Anjalai*.....
studying*III - IT*..... has successfully completed*36 hours*..... Add-on Course
on *Parallel, Concurrent & Distributed Programming in Java Specialization* conducted by the Department of
.....*CSE*..... from *07.01.2019* to *12.01.2019*... In the academic year ...*2018 - 2019*..

Course co-ordinator

HOD

Mewi
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHY DT.

Mewi
Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

INTRODUCTION TO EMBEDDED MACHINE LEARNING



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/ECE/RL/2018

Date: 02.01.2019

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Electronics and Communication Engineering.

Sub: Request for organising a 36 hours Add- on Course.


Dear Sir,

I, Sr. Catherina Mary J, Assistant Professor in the Department of Electronics and Communication Engineering, would like to conduct a 36 hours Add-on Course with the objective of learning introduce the concept of machine learning, how it can be used to solve problems, and its limitations, machine learning on embedded systems, such as single board computers and microcontrollers, can be effectively used to solve problems and create new types of computer interfaces. Then, we will introduce the Edge Impulse tool and collect motion data for a "magic wand" demo. Finally, we will examine the various features that can be calculated from this raw motion data, including root mean square (RMS), Fourier transform, and power spectral density (PSD). "Introduction to Embedded Machine Learning" from 07-01-2019 to 12-01-2019 for third year ECE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely


Sr. Catherina Mary J.


DR. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, P.E.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CC/2019

Date: 02.01.2019

Add-on Course


Name of the Course: **Introduction to Embedded Machine Learning**

Academic Year: 2018-2019

Course objectives: In this module, we will introduce the concept of machine learning, how it can be used to solve problems, and its limitations. We will also cover how machine learning on embedded systems, such as single board computers and microcontrollers, can be effectively used to solve problems and create new types of computer interfaces. Then, we will introduce the Edge Impulse tool and collect motion data for a "magic wand" demo. Finally, we will examine the various features that can be calculated from this raw motion data, including root mean square (RMS), Fourier transform, and power spectral density (PSD).

Topic-I	Introduction to Machine Learning: In this module, we will introduce the concept of machine learning, how it can be used to solve problems, and its limitations. We will also cover how machine learning on embedded systems, such as single board computers and microcontrollers, can be effectively used to solve problems and create new types of computer interfaces. Then, we will introduce the Edge Impulse tool and collect motion data for a "magic wand" demo. Finally, we will examine the various features that can be calculated from this raw motion data, including root mean square (RMS), Fourier transform, and power spectral density (PSD).	12
Topic-II	Introduction to Neural Networks: In this module, we will look at how neural networks work, how to train them, and how to use them to perform inference in an embedded system. We will continue the previous demo of creating a motion classification system using motion data collected from a smartphone or Arduino board. Finally, we will challenge you with a new motion classification project where you will have the opportunity to implement the concepts learning in this module and the previous module.	12
Topic-III	Audio classification and Keyword Spotting: In this module, we cover audio classification on embedded systems. Specifically, we will go over the basics of extracting mel-frequency cepstral coefficients (MFCCs) as features from recorded audio, training a convolutional neural network (CNN) and deploying that neural network to a microcontroller. Additionally, we dive into some of the implementation strategies on embedded systems and talk about how machine learning compares to sensor fusion.	12
Total Hours		36

Course Outcomes: The students able to do to teach computers to make predictions and decisions based on data and learn from experiences, incredible optimizations have been made to machine learning algorithms, software frameworks, and embedded hardware.


Course Co-ordinator.


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CIR/2019

Date: 03.01.2019

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

The Department of Electronics and Communication Engineering is offering "Introduction to Embedded Machine Learning" as 36 hours Add-on Course for third year ECE students from 07-01-2019 to 12-01-2019 for the academic year 2018-2019. Sr. Catherina Mary J, Assistant Professor /ECE will coordinate this course. Interested students can enrol your name for the Course with Sr. Catherina Mary J.

Jh. Suresh
HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the department staff members.
5. File.

CC To:

To read third year ECE class.

Rasmi
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.IE
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHY

Add-on Course

On

“Introduction to Embedded Machine Learning”

07-01-2019 - 12-01-2019

Sr. Catherina Mary J

Assistant Professor, ECE/IECW

Venue: LH 07- IECW



Idhaya Engineering College for Women
Chinnasalem – 606201

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone: 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has 2(f) status of UGC act 1956 for getting central funding assistance. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:


Introduce the concept of machine learning, how it can be used to solve problems, and its limitations, machine learning on embedded systems, such as single board computers and microcontrollers, can be effectively used to solve problems and create new types of computer interfaces..

PARTICIPANTS:

Third Year ECE Students

IMPORTANT DATES:

Last Date of Registration: **05.01.2019**


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
PRINCIPAL
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CHINNASALEM-606 201. KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SR/2018

Date: 05.01.2019

Add-on Course

Name of the Course: **Introduction to Embedded Machine Learning**

Academic Year: 2018-2019


Course Duration: **07.01.2019-12.01.2019 (36 hours)**


Year/Dept: III/ECE

Registered Students

S. No	Roll No.	Name
1.	621116106006	HANNAH A
2.	621116106007	JEYAPRIYANKA S
3.	621116106008	KAVIYA R
4.	621116106009	KAYALVIZHI P
5.	621116106013	MONISHA M
6.	621116106014	NAGADHARSHINI.R
7.	621116106016	NIVETHA D
8.	621116106018	PREETHA K
9.	621116106019	RADHIKA V
10.	621116106020	RAJPRIYA L
11.	621116106021	RAMYA K
12.	621116106022	RUBY METTILDA M
13.	621116106301	ANANDAESWARI J


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., PH.D., M.B.A., M.I.S.T.E., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SAL/2019

Date: 07.01.2019

Add-on Course

Name of the Course: **Introduction to Embedded Machine Learning**

Academic Year: 2018-2019

Course Duration: 07.01.2019-12.01.2019 (36 hours)

Year/Dept.: III/ECE

Students Attendance List

S. No	Roll No.	Name	07.01.2019	08.01.2019	09.01.2019	10.01.2019	11.01.2019	12.01.2019
1.	621116106006	HANNAH A	/	/	/	/	/	/
2.	621116106007	JEYAPRIYANKA S	/	/	/	/	/	/
3.	621116106008	KAVIYA R	/	/	/	/	/	/
4.	621116106009	KAYALVIZHI P	/	/	/	/	/	/
5.	621116106013	MONISHA M	/	/	/	/	/	/
6.	621116106014	NAGADHARSHINI.	/	/	/	/	/	/
7.	621116106016	NIVETHA D	/	/	/	/	/	/
8.	621116106018	PREETHA K	/	/	/	/	/	/
9.	621116106019	RADHIKA V	/	/	/	/	/	/
10.	621116106020	RAJPRIYA L	/	/	/	/	/	/
11.	621116106021	RAMYA K	/	/	/	/	/	/
12.	621116106022	RUBY METTILDA M	/	/	/	/	/	/
13.	621116106301	ANANDAESWARI J	/	/	/	/	/	/

Course Co-ordinator

HOD

Dr. R. GURUMANI, M.E., PH.D., M.B.A., M. ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/ER/2019

Date: 18.01.2019

Event Report

Name of Activity: Add On Course- Introduction to Embedded Machine Learning			
Organized by: Electronics And Communication Engineering			
Date: 07-01-2019 - 12-01-2019		Total Participants:13	
Resource Person: Sr. Catherina Mary J			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Sr. Catherina Mary J	Assistant Professor	Department of Electronics And Communication Engineering -IECW, Chinnasalem
<p>For the benefits of student's The department of Electronics and Communication Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted a 36 hours Add-on course on "Introduction to Embedded Machine Learning" from 07-01-2019 - 12-01-2019. Sr. Catherina Mary J, Assistant Professor /ECE were the resource person. 13 students from third years ECE actively Participated in this course. At the end of the course the students learnt how to teach computers to make predictions and decisions based on data and learn from experiences, incredible optimizations have been made to machine learning algorithms, software frameworks, and embedded hardware.</p>			

Course Co-ordinator

HOD

Principal

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/ML/2018

Date: 18.01.2019

Add-on Course

Name of the Course: Introduction to Embedded Machine Learning

Academic Year: 2018-2019

Course Duration: 07.01.2019-12.01.2019 (36 hours)

Year/Dept: III/ECE

Registered Students

S. No	Roll No.	Name	Marks 50
1.	621116106006	HANNAH A	40
2.	621116106007	JEYAPRIYANKA S	41
3.	621116106008	KAVIYA R	42
4.	621116106009	KAYALVIZHI P	43
5.	621116106013	MONISHA M	44
6.	621116106014	NAGADHARSHINI	44
7.	621116106016	NIVETHA D	46
8.	621116106018	PREETHA K	48
9.	621116106019	RADHIKA V	38
10.	621116106020	RAJPRIYA L	39
11.	621116106021	RAMYA K	40
12.	621116106022	RUBY METTILDA	37
13.	621116106301	ANANDAESWARI	48

Course Co-ordinator

HOD

neenu
Dr. R. GURUMANI, M.E., Ph.D., M.D.A., MISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI D



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Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....*Hannah A*.....
studying*III - ECE*..... has successfully completed*86 hours*..... Add-on Course
on.....*Introduction to Embedded Machine Learning*..... conducted by the Department of
.....*ECE*..... from *07:01:2019* to *12:01:2019*... In the academic year *2018-2019*.....

Denise
Course co-ordinator

SP
HOD

Ramani
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Ramani
Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....*L. Rajpriya*.....
studying *III - ECE*..... has successfully completed *36 hours*..... Add-on Course
on.....*Introduction to Embedded Machine Learning*..... conducted by the Department of
.....*ECE*..... from *07.01.2019*..... to *12.01.2019*..... In the academic year *2018*.....*2019*.....

P. S. S.
Course co-ordinator

J. P.
HOD

R. G.
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT
R. G.
Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....*Hannah A*.....
studying*III - ECE*..... has successfully completed*36 hours*..... Add-on Course
on.....*Introduction to Embedded Machine Learning*..... conducted by the Department of
.....*ECE*..... from *07.01.2019*.. to *12.01.2019*... In the academic year *2018-2019*.....

Dem
Course co-ordinator

P.P.
HOD

Ramani
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Ramani
Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

BUILDING ARDUINO ROBOTS AND DEVICES



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/EEE/RL/2019

Date: 03.01.2019

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Electrical and Electronics Engineering

Sub: Request for conducting a 36 hours add-on Course.

Dear Sir,

I, Mr. C. Kumar, Assistant Professor in the Department of Electrical and Electronics Engineering, would like to conduct a 36 hours Add-on Course with the objective of learning of a series of practical problems on making things that work independently: they make their own decisions, act, and move, communicate with each other and people around, and control other devices. Will demonstrate how to assemble such devices and programme them using the Arduino platform as a basis on "Building Arduino robots and devices" from 07.01.2019 to 12.01.2019 for third year EEE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours sincerely


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.JSTC
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICKI


(Mr. C. Kumar)



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/EEE/CC/2019

Date: 03.01.2019

Add-on Course


Name of the Course: **Building Arduino robots and devices**

Academic Year: 2018-2019

Course Objectives:

Course consists of a series of practical problems on making things that work independently: they make their own decisions, act, and move, communicate with each other and people around, and control other devices. We will demonstrate how to assemble such devices and programme them using the Arduino platform as a basis.

- | | | |
|------------------|---|----------|
| Topic-I | Assemble a circuit on a breadboard circuit, communicate the knowledge about the assembled circuit, Measurement of electrical properties, acquainted with Arduino, Development tools for Arduino IDE, Translators collaborative work, First glance at a program, First coded material, Macro definitions, variables, counting loops. | 6 |
| Topic-II | First sensor, Voltage divider, read off analog signals, Exchanging data through a serial port, Reading off digital signals, Boolean expressions and program branching, New display devices: buzzer and bar graph, Seven-segment display, Microchips, Output shift register, Debugging, Usage of modules, Monitoring system | 6 |
| Topic-III | IR distance sensor, Analog signal recording, Fighting the noise, Arrays, Declaring a function, While loop, Servo and the library, Measuring distance with ultrasound, Four symbols through one wire, What to look for and where, Processing and mapping, Arduino -> I2C -> Multi servo -> 18 servo | 6 |
| Topic-IV | Submersible pump, Field transistor and relay, Power supply, Planning, Soil humidity sensor, Where do web pages come from, transmit data to a network, receive a command from a network, Finite-state automaton, program basics and switch. | 6 |
| Topic-V | Starting the commutator motor, Motor driver, Motor control expansion board, Robot car, Hitch, Relay algorithm, Ana log line sensor, Running the relay, logarithm, Regulator, | 6 |
| Topic-VI | Denoting coefficients for a proportional regulator, Cube error and alternative regulator, Diagnostics, Conditional compilation, Connecting through Bluetooth, Software Serial, Joystick app and testing, Remote control Remote XY, Counting the turns of the wheels, External interrupts, | |


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
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Email ID: indhaya@iecw.edu.in


Having counted the turns of the wheels

Total Hours

36

Course Outcomes: The students will be able to create devices that read the data about the external world with a variety of sensors, receive and forward this data to a PC, the Internet and mobile devices, and control indexing and the movement. The creation of such devices will involve design, the study of their components, the assemblage of circuit boards, coding and diagnostics. Along with the creation of the devices themselves, you will perform visualization on a PC, create a web page that will demonstrate one of your devices, and figure out how an FDM 3D-printer is configured and how it functions.


Course Co-ordinator.


HOD


Dr.R.GURUMANI, M.E., P.H.D., M.B.A., M.I.S.T.E., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/CIR/2019

Date: 04.01.2019

ELECTRICAL AND ELECTRONCS ENGINEERING

CIRCULAR

The Department of Electrical and Electronics Engineering is offering "Building Arduino robots and devices" as 36 hours Add -on Course for third year EEE students from 07.01.2019 to 12.01.2019 for the academic year 2018-2019. Mr. C. Kumar, Assistant Professor /EEE will coordinate this course. Interested students can enrol their name for the course with Mr. C. Kumar.

HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the departments staff members.
5. File.

CC To:

To read in third year EEE class.

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Add-on Course

On

“BUILDING ARDUINO ROBOTS AND DEVICES”

07.01.2019 to 12.01.2019

MR. C. KUMAR

Assistant Professor, EEE/IECW

Venue: LH 04- IECW



**Idhaya Engineering College for Women
Chinnasalem – 606201**

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone: 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has 2(f) status of UGC act 1956 for getting central funding assistance. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:


ARDUINO Programming is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them. In this course the students will learn how the Arduino platform works in terms of the physical board and libraries and the IDE

PARTICIPANTS:

Third Year EEE Students

IMPORTANT DATES:

Last Date of Registration: **05.01.2019**


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201 MADHURACHERRY



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SR/2019

Date: 05.01.2019

Add On Course

Name of the Course: **Building Arduino robots and devices**

Academic Year: 2018-2019

Course Duration: 07.01.2019 – 12.01.2019 (36 hours)

Year/Dept: III/EEE

Registered Students

S. No	Roll No.	Name
1.	621116105004	ARUNA M
2.	621116105005	ASHWINI A
3.	621116105012	LAVANYA B
4.	621116105013	MANGAIYARKARASI
5.	621116105016	PRITHIYA B
6.	621116105018	SHAKINA K
7.	621116105020	SINEGA R
8.	621116105022	SUBASHINI V

Course Co-ordinator

HOD

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201. KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SAL/2019

Date: 07.01.2019

Add-on Course

Name of the Course: **Building Arduino robots and devices**

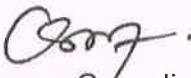
Academic Year: 2018-2019


Course Duration: 07.01.2019 – 12.01.2019 (36 Hours)


Year/Dept: III/EEE

Students Attendance List

S. No	Roll No.	Name	07.01.2019	08.01.2019	09.01.2019	10.01.2019	11.01.2019	12.01.2019
1.	621116105004	ARUNA M	/	/	/	/	/	/
2.	621116105005	ASHWINI A	/	/	/	/	/	/
3.	621116105012	LAVANYA B	/	/	/	/	/	/
4.	621116105013	MANGAIYARKAR	/	/	a	/	/	/
5.	621116105016	PRITHIYA B	/	/	/	/	/	/
6.	621116105018	SHAKINA K	/	/	/	/	/	/
7.	621116105020	SINEGA R	/	/	/	/	/	/
8.	621116105022	SUBASHINI V	/	/	/	/	/	/


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.JSTE., F.I.E.,
PRINCIPAL
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CHINNASALEM-606 201 KALLAKURICHI DT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

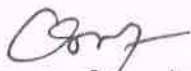
Email ID: idhaya@iecw.edu.in

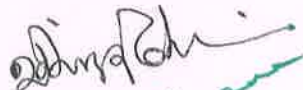
Ref: IECW/EEE/ER/2019

Date: 18.01.2019

Event Report

Name of Activity: Add On Course- Building Arduino robots and devices			
Organized by: Electrical and Electronics Engineering			
Date:07-01-2019 - 12-01-2019		Total Participants:08	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mr. C. Kumar	Assistant Professor	Department of Electrical and Electronics Engineering -IECW, Chinnasalem
<p>For the benefits of student's The department of Electrical and Electronics Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted 36 hours Add-on Course on "Building Arduino robots and devices" from 07-01-2019 - 12-01-2019.</p> <p>Mr. C. Kumar, Assistant Professor /EEE were the resource person. 08 students from third years EEE actively Participated in this course. At the end of the course the students learnt how to create devices that read the data about the external world with a variety of sensors, receive and forward this data to a PC, the Internet and mobile devices, and control indexing and the movement. The creation of such devices will involve design, the study of their components, and the assemblage of circuit boards, coding and diagnostics. Along with the creation of the devices themselves, you will perform visualization on a PC, create a web page that will demonstrate one of your devices, and figure out how an FDM 3D-printer is configured and how it functions.</p>			


Course Co-ordinator


HOD
Dr. R. GURUNANI, M.E., Ph.D., M.B.A., MISTE., FIIT
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI D I.


Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/ML/2019

Date: 18.01.2019

Add-on Course

Name of the Course: **Building Arduino robots and devices**

Academic Year: 2018-2019


Course Duration: 07.01.2019 – 12.01.2019 (36 hours)

Year/Dept: III/EEE

Mark Lists

S. No	Roll No.	Name	Marks
1.	621116105004	ARUNA M	36
2.	621116105005	ASHWINI A	42
3.	621116105012	LAVANYA B	41
4.	621116105013	MANGAIYARKAR	38
5.	621116105016	PRITHIYA B	45
6.	621116105018	SHAKINA K	40
7.	621116105020	SINEGA R	47
8.	621116105022	SUBASHINI V	36


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI D.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....Sinega R.....
 studyingIII - EEE..... has successfully completed36 hours..... Add-on Course
 on.....Building Arduino Robots and Devices..... conducted by the Department of
EEE..... from 07.01.2019.. to 12.01.2019... In the academic year ...2018:-2019.....

[Signature]
 Course co-ordinator

[Signature]
 HOD

[Signature]
 Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.
 PRINCIPAL
 IDHAYA ENGG. COLLEGE FOR WOMEN
 CHINNASALEM-606 201, KALLAKURICHI DT
[Signature]
 Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.
An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....*Aruna M.*.....
studying*III: EEE*..... has successfully completed*36 hours*..... Add-on Course
on.....*Building Arduino Robots and Devices*..... conducted by the Department of
.....*EEE*..... from *07.01.2019*... to *12.01.2019*... In the academic year*2018 - 2019*....

[Signature]
Course co-ordinator

[Signature]
HOD

[Signature]
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, FIF
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM, 606 201, KALLAKURICHI D.
[Signature]
Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem - 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....*A. Ashwini*.....
studying*III - EEE*..... has successfully completed*36 hours*..... Add-on Course
on.....*Building Arduino Robots and Devices*..... conducted by the Department of
.....*EEE*..... from *07.01.2019*.. to *12.01.2019*.... In the academic year ...*2018 - 2019*...

[Signature]
Course co-ordinator

[Signature]
HOD

[Signature]
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

[Signature]
Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

WEB DESIGNING & HOSTING USING JAVA



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/IT/RL/2018

Date: 20.12.2018

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Information Technology.



Sub: Request for organising a 30 hours Add-on Course.

Dear Sir,

I, Dr. S. Jayasundar, Associate Professor in the Department of Information Technology. Collaborated with Focus Academy for Career Enhancement, Chennai, would like to conduct a 60 hours Add-on Course with the objective of this course that are going to share information all about web application programmed in Java Servlet. It includes all about Web server, configuration instructions and sending Email implementation and demonstration of execution with examples. It will be a complete course on Java Servlet along with technical interview tips and preparation with some sample question for beginner and professional on "Web Designing & Hosting Using JAVA" from 02-01-2019 to 12-01-2019 for final year CSE & IT. In this regards, I request you to give permission for the course.

Thanking you sir

Yours sincerely,



Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE. (Dr. S. Jayasundar)
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI D I.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/IT/CC/2018

Date: 20.12.2018

Add-on Course –Syllabus

Name of the Course: **Web Designing & Hosting Using JAVA**

Academic Year: 2018-2019

Course Objectives:

In this course, we are going to share information all about web application programmed in Java Servlet. It includes all about Web server, configuration instructions and sending Email implementation and demonstration of execution with examples. It will be a complete course on Java Servlet along with technical interview tips and preparation with some sample question for beginner and professional.

- | | | |
|------------------|--|-----------|
| Topic-I | Java Fundamental: Logic Building exercises: To demonstrate working on Java and also as a logic building exercise, algorithm for programs will be Discussed with example program: Finding second maximum element in an array. JVM-Java vs C-JAR-Eclipse Overview. Object Modelling: Giving problems and asking the students to design classes- Interface in java Explaining with use cases- Built-in packages and its usages. Demo using simple programs-Creating user defined packages-Creating calculator class as a package | 10 |
| Topic-II | Abstraction Packages Handling wrapper Classes: Built-in packages and its usages. Demo using simple programs Creating user defined packages Creating calculator class as a package Exception handling Wrapper class Coding standards. Collection: Java Collections Use case, syntax Discussing a problem using list Iterator interface List of Java collection interfaces and its impl. using Eclipse IDEP Programs using java collections Coverage: set, list, stack, queue, map Sample Qn: Java code for a movie rating service which given a movie name replies with the rating | 10 |
| Topic-III | I/O Streams: Stream vs Reader File stream Program to read and write from a file. Junit * Log 4J: Introduction to junit test framework Test cases Writing test cases for finding second maximum element inusing Eclipsean array using "Test" Annotation. IDE-Annotations available in junit Multithreading: Multithreading program Computing Fibonacci number and prime check parallel - thread-safe functions Using synchronized keyword for a function and its impact Runnable vs Thread | 10 |
| Topic-IV | SQL: SQL Queries SQL Complex interview questions including triggers Sample question: Finding the second highest salary of an employee from a table. RDBMS: JDBC architecture- JDBC-Java code to connect to a my sql database and executing using Eclipse sql queries for a use case like viewing/updating blood IDE donor database *HTML/CSS: Box model in | 10 |

Handwritten signature
Dr.R.GURUBIANI, M.E, Ph.D, M.B.A, MISTE, F.I.T
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in


	HTML Creating website Creating a webpage for a tutorial website using HTML CSS Beautifying the created webpage using CSS. Java script: Data types InnerHTML Modifying website by changing innerHTML Redirection JS control statements, loop, function JS Dialog boxes Coding for a website using java script -Given a date, computing the day	
Topic-V	Servlets and JSP: Demo program, Servlets and Writing a hello world page Environment Setup IDE Setting up servlet pages using apache tomcat Processing Input Using servlets to process user data Servlets and Tracking JSP Continued, HTTP headers Reading/Writing fields in HTTP header for use cases like 404 error and Tracking JSP architecture Demo Program JSP syntax and a hello world JSP page.	10
Topic-VI	XML-I & XML-II: XML, XML, vs HTML, XML, DTD/Schema XPath, XML DOM. XSLT, Using XSLT to generate HTML from XML, Demonstrating building of a blood donor website by using the following AJAX functionalities 1) Http request initiation Using XML Http Request Http response handling Live Coding Handling response using call-backs Data Exchange Handling data from server in XML format. Demonstrating a sample authentication (login) web service Using Web services/S1) JAX-WS SOAP based java web service Web services vs Web Application JAX-RS RESTFUL Web service	10

Total Hours 60

Course Outcomes: By the end of the program students will be become an industry-ready engineer who can be readily deployed in a project


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.E.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/IT/CIR/2018

Date: 21.12.2018

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

The Department of Computer Science and Engineering Collaborated with Focus Academy for Career Enhancement is offering "Web Designing & Hosting Using JAVA" as Add-on Course for final year CSE& IT students from 02-01-2019 to 12-01-2019 for an academic year 2018-2019. Dr. S. Jayasundar, Associate Professor /CSE will coordinate this course. Interested students can enrol their name for the course with Dr. S. Jayasundar.


HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. HOD(CSE)
5. To circulate among the department staff members.
6. File.

CC To:

To read final year CSE& IT classes.


Dr. R. GURDIANI, M.E., Ph.D., M.B.A., M.ISTE., F.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Add-on Course

On

“Web Designing & Hosting Using JAVA”

02-01-2019 -12-01-2019

Dr. S. Jayasundar

Associate Professor, IT/IECW

Venue: LH 1- IECW



**Idhaya Engineering College for Women
Chinnasalem – 606201**

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone : 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:

In this course, we are going to share information all about web application programmed in Java Servlet. It includes all about Web server, configuration instructions and sending Email implementation and demonstration of execution with examples. It will be a complete course on Java Servlet along with technical interview tips and preparation with some sample question for beginner and professional.

PARTICIPANTS:

Final Year CSE & IT year students

IMPORTANT DATES:

Last Date of Registration: 23.12.2018


**Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, FIE,
PRINCIPAL
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CHINNASALEM-606 201, KALLAKURICHI DT.**



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/SR/2018

Date: 23.12.2018

Add-on Course

Name of the Course: **Web Designing & Hosting Using JAVA**

Academic Year: 2018-2019

Course Duration: 02-01-2019 to 12-01-2019 (60 hours)

Year/Dept.: IV/CSE

Registered Students

S. No	Roll No.	Name
1.	621115104001	ABINAYA.P.S
2.	621115104002	ABIRAMI J
3.	621115104003	AKALYA.S
4.	621115104004	AKILANDESWARI A
5.	621115104005	ANITHA A
6.	621115104006	AROCKIA SHERLIN
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35.	621115104037	NIRMALA E.
36.	621115104038	NITHYA.M

Handwritten signature in green ink.

MANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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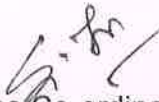
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Course Co-ordinator


HOD


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Date: 23.12.2018

Add on Course

Name of the Course: **Web Designing & Hosting Using JAVA**

Academic Year: 2018-2019

Course Duration: 02-01-2019 to 12-01-2019 (60 hours)

Year/Dept...: IV/IT

Registered Students

S. No	Roll No.	Name
1.	621115205001	AMALA S
2.	621115205002	BHARATHI S
3.	621115205003	DEEPA M
4.	621115205005	GHAYATHRI T
5.	621115205006	MARY MARIA
6.	621115205008	PADHMA.P
7.	621115205009	PRAVITHA.S
8.	621115205010	SHARMILA E
9.	621115205011	SHARMILA DEVI.N
10.	621115205012	SHERLY METTILDA
11.	621115205013	SOUNDARYA S
12.	621115205015	SUMITHRA S
13.	621115205016	UDHAYAKUMARI U N
14.	621115205017	VAITHEESWARI S
15.	621115205301	JAYASRI S

Course Co-ordinator

HOD

R. Gurumani
Dr. R. GURUMANI, M.E., P.D., MBA, MASTE., FIE.,
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Ref: IECW/CSE/SAL/2019

Date: 02.01.2019

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Name of the Course: **Web Designing & Hosting Using JAVA**

Academic Year: 2018-2019

Course Duration: 02-01-2019 to 12-01-2019 (60 hours)

Year/Dept: IV/CSE

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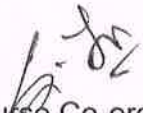
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48.	621115104052	SONIYA M	/	/	/	/	/	/	/	/	/	/
49.	621115104053	SULOCHANA M	/	/	/	/	/	/	/	/	/	/


Course Co-ordinator


HOD


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14.	621115205017	VAITHEESWARI S	/	/	/	/	/	/	/	/	/	/
15.	621115205301	JAYASRI S	/	/	/	/	/	/	/	/	/	/


Course Coordinator


HOD


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Ref: IECW/IT/ER/2019


Date: 18.01.2019

Event Report

Name of Activity: Add On Course- Web Designing & Hosting Using JAVA			
Organized by: Department of Information Technology.			
Date: 02-01-2019 -12-01-2019		Total Participants:64	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Dr. S. Jayasundar,	Associate Professor	Department of Information Technology -IECW, Chinnasalem
<p>For the benefits of student's The department of Information Technology, Idhaya Engineering College For Women, Chinnasalem, Collaborated with Focus Academy for Career Enhancement, Chennai Conducted as 60 hours Add-on Course on "Web Designing & Hosting Using JAVA" from 02-01-2019 to 12-01-2019 Dr. S. Jayasundar, Associate Professor /IT and Ms.Princy, Sr Engineer, Focus Academy for Career Enhancement, Chennai was the resource person. The students from final years CSE&IT actively Participated in this course. The training session includes the theoretical explanation of the Java concepts. Hands-on training on basic core java, OOPs, class, object, encapsulation, inheritance, polymorphism, exception handling, java package and JSP which enables them to have an active participation in the course and helped them to gain a thorough knowledge.</p>			


Course Co-ordinator


HOD


Principal


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Date: 23.01.2019

Add-on Course

Name of the Course: **Web Designing & Hosting Using JAVA**

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Mark List

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Ref: IECW/IT/ML/2019

Date: 23.01.2019

Add-on Course

Name of the Course: **Web Designing & Hosting Using JAVA**

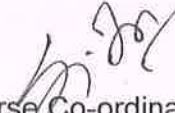
Academic Year: 2018-2019

Course Duration: 02-01-2019 to 12-01-2019 (60 hours)

Year/Dept.: IV/IT

Mark List

S. No	Roll No.	Name	Marks
1.	621115205001	AMALA S	45
2.	621115205002	BHARATHI S	47
3.	621115205003	DEEPA M	42
4.	621115205005	GHAYATHRI T	46
5.	621115205006	MARY MARIA STELLA.A	48
6.	621115205008	PADHMA.P	37
7.	621115205009	PRAVITHA.S	39
8.	621115205010	SHARMILA E	42
9.	621115205011	SHARMILA DEVI.N	39
10.	621115205012	SHERLY METTILDA	44
11.	621115205013	SOUNDARYA S	40
12.	621115205015	SUMITHRA S	43
13.	621115205016	UDHAYAKUMARI U N	39
14.	621115205017	VAITHEESWARI S	44
15.	621115205301	JAYASRI S	46


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., P.D., M.B.A., MISTE., FIE.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....Baby Subbulakshmi P.....
studyingIV - CSE..... has successfully completed60 hours..... Add-on Course
on.....Web Designing & Hosting Using JAVA..... conducted by the Department of
.....CSE..... from 02.01.2019 to 12.01.2019. In the academic year ...2018.....2019....


Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALCAKURICHI DT


Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

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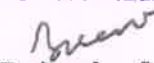
CERTIFICATE OF COMPLETION

This is to Certify that.....M. Sulochana.....
studyingIV.-CSE..... has successfully completed60 hours..... Add-on Course
on.....Web Designing and Hosting Using JAVA..... conducted by the Department of
.....CSE..... from 02.01.2019 to 12.01.2019. In the academic year2018-2019..


Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT


Principal



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Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....Jayasri . S.....
 studyingIV - II..... has successfully completed60 hours..... Add-on Course
 on.....Web Designing and Hosting Using JAVA..... conducted by the Department of
CSE..... from 02.01.2019 to 12.01.2019.. In the academic year 2018-2019....

[Signature]
Course co-ordinator

[Signature]
HOD

[Signature]
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
 PRINCIPAL
 IDHAYA ENGG. COLLEGE FOR WOMEN
 CHINNASALEM-606 201, KA
[Signature]
Principal




IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.


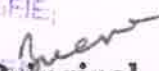
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.
An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....M. Deepa.....
studyingIV - IT..... has successfully completed60 hours..... Add-on Course
on.....Web Designing and Hosting Using JAVA..... conducted by the Department of
.....CSE..... from 02.01.2019 to 12.01.2019 In the academic year ..2018-2019..


Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, FIE
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606201

Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

MODERN COMMUNICATION SYSTEMS



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/RL/2018

Date: 22.12.2018

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Electronics and Communication Engineering.

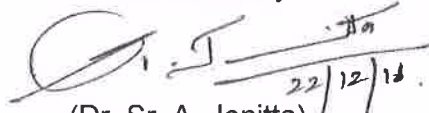
Sub: Request for organising a 60 hours add- on Course.


Dear Sir,

I, Dr. Sr. A. Jenitta, Associate Professor in the Department of Electronics and Communication Engineering, would like to conduct a 60 hours add-on Course with the objective of learning the new concepts of Modern communication systems include satellite, fiber optic, mobile cellular phone, microwave systems, and Internet communications; as well as VHF, UHF, HDTV, shortwave, fire, police, telephone, fax, voice, TV, local government, and computer networking systems on "Modern Communication Systems" from 02-01-2019 to 12-01-2019 for final year ECE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely


(Dr. Sr. A. Jenitta) 22/12/18


Dr. R. GURUMANI, M.E., P.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201. KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CC/2018

Date: 22.12.2018

Add On Course

Name of the Course: **Modern Communication Systems**

Academic Year: 2018-2019

Course objectives: To impart the new concepts of Modern communication systems include satellite, fiber optic, mobile cellular phone, microwave systems, and Internet communications; as well as cable TV, AM and FM radio, VHF, UHF, HDTV, shortwave, fire, police, telephone, fax, voice, TV, local government, and computer networking systems


- Topic-I** Microwave communication systems - transmitters - receivers - line of sight propagation; 12
Orbits of satellite - orbital effects on communication system's performance - satellite earth stations - satellite antennas and earth coverage - system noise temperature and G/T ratio - design of downlinks - uplink design - link design for specified C/N - VSAT systems.
- Topic-II** Prologue: Historical perspective - light sources - photodiodes - fiber losses - signal 12
dispersion - pulse propagation - multichannel propagation - signal propagation - modulation schemes; OFDM for optical communications - MIMO optical communications - Detection Schemes; Coherent optical OFDM detection - optical MIMO detection.
- Topic-III** Uniqueness of mobile radio environment - basic cellular system - analog and digital 12
cellular systems - cell coverage - frequency reuse - channel interferences - cell splitting and handoffs - mobile antennas.
- Topic-IV** Overview of cognitive radio- cognitive radio network architecture - functions of cognitive 12
radio - spectrum policies and regulations - spectrum sensing - spectrum analysis - spectrum sharing/management and spectrum mobility - applications of cognitive radio.
- Topic-V** Performance analysis of minimum of four communication systems through simulation 12
using related platforms.

Total Hours 60

Course Outcomes Students will aware of the principles and techniques used in modern communication systems.


Course Coordinator. 22/12/18


HOD


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CIR/2018

Date: 23.12.2018

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

The Department Of Electronics and Communication Engineering is offering "Modern Communication Systems" as 60 hours add-on Course for final year ECE students from 02-01-2019 to 12-01-2019 for the academic year 2018-2019. Dr. Sr. A. Jenitta, Associate Professor /ECE will coordinate this course. Interested students can enrol their name for the Course with Dr. Sr. A. Jenitta.



HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the department staff members.
5. File.

CC To:

To read final year ECE class.


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Add-on Course
On
“Modern Communication Systems”

02-01-2019 - 12-01-2019

Dr. Sr. A. Jenitta

Associate Professor, ECE/IECW

Venue: LH 02- IECW



Idhaya Engineering College for Women
Chinnasalem – 606201

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone: 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has 2(f) status of UGC act 1956 for getting central funding assistance. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:


The new concepts of Modern communication systems include satellite, fibre optic, mobile cellular phone, microwave systems, and Internet communications; as well as VHF, UHF, HDTV, shortwave, fire, police, telephone, fax, voice, TV, local government, and computer networking systems.

PARTICIPANTS:

Final Year ECE Students

IMPORTANT DATES:

Last Date of Registration: **28.12.2018**


Dr. R. GURUJYANTI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SR/2018

Date: 28.12.2018

Add-on Course

Name of the Course: **Modern Communication Systems**

Academic Year: 2018-2019

Course Duration: 02.01.2019-12.01.2019 (60 hours)

Year/Dept./: IV/ECE

Registered Students

S. No	Roll No.	Name
1.	621115106001	ANBARASI.R
2.	621115106002	ANUSUYA.A
3.	621115106003	ARCHANA.M
4.	621115106004	ARULMOZHI.M
5.	621115106006	DIVYABHARATHI.T
6.	621115106007	DURGADEVI.R
7.	621115106008	ELAKKIYA P
8.	621115106009	FARHANA A
9.	621115106010	FARHANA.N
10.	621115106011	GOLDA REMINA MARY
11.	621115106012	ISHWARYA S
12.	621115106013	JEEVA SURUTHI A
13.	621115106014	JENIFER SHARMILA.S
14.	621115106015	JUDI SOWMIYA J
15.	621115106016	KAVIYARASI S
16.	621115106017	KAVYA.V
17.	621115106018	KAYALVIZHI R
18.	621115106021	MERLIN SONA S
19.	621115106022	MONICA SELLUS D
20.	621115106023	NAMBIKKAI MARY.A
21.	621115106024	PADMA.V
22.	621115106025	PREETHA J
23.	621115106026	PREMALATHA E
24.	621115106027	PRITHIYA G
25.	621115106028	PRIYA K
26.	621115106029	RAMANI K
27.	621115106030	RANI A
28.	621115106031	SANGEETHA.K.S
29.	621115106032	SANGEETHA.V
30.	621115106033	SHALIYA MARY P
31.	621115106034	SHEIK AFRINK
32.	621115106035	SHOBANA.V
33.	621115106036	SIVARANJANI.M

[Handwritten Signature]
D. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.L.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326


Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

34.	621115106037	SOPHIA MARY R
35.	621115106039	SUPRAJA.M
36.	621115106040	VINOLIYA MERCY J
37.	621115106301	NAGALAKSHMI M
38.	621115106701	PUNITHA P


Course Co-ordinator
28/12/18.


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201. KALLAKURICHI DT.



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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SAL/2018

Date: 02.01.2019

Add-on Course

Name of the Course: Modern Communication Systems

Academic Year: 2018-2019

Course Duration: 02.01.2019-12.01.2019 (60 hours)

Year/Dept: IV/ECE

Students Attendance List

S. No	Roll No.	Name	02.01. 2019	03.01. 2019	04.01. 2019	05.01. 2019	07.01. 2019	08.01. 2019	09.01. 2019	10.01. 2019	11.01. 2019	12.01. 2019
1.	621115106001	ANBARASI.R	/	/	/	/	/	/	/	/	/	/
2.	621115106002	ANUSUYA.A	/	/	/	/	/	/	/	/	/	/
3.	621115106003	ARCHANA.M	/	/	/	/	/	/	/	/	/	/
4.	621115106004	ARULMOZHI.M	/	/	/	/	/	/	/	/	/	/
5.	621115106006	DIVYABHARATHI.T	/	/	/	/	/	/	/	/	/	/
6.	621115106007	DURGADEVI.R	/	/	/	/	/	/	/	/	/	/
7.	621115106008	ELAKKIYA P	/	/	/	/	/	/	/	/	/	/
8.	621115106009	FARHANA A	/	/	/	/	/	/	/	/	/	/
9.	621115106010	FARHANA.N	/	/	/	/	/	/	/	/	/	/
10.	621115106011	GOLDA REMINA MARY	/	/	/	/	/	/	/	/	/	/
11.	621115106012	ISHWARYA S	/	/	/	/	/	/	/	/	/	/
12.	621115106013	JEEVA SURUTHI A	/	/	/	/	/	/	/	/	/	/
13.	621115106014	JENIFER SHARMILA.S	/	/	/	/	/	/	/	/	/	/
14.	621115106015	JUDI SOWMIYA J	/	/	/	/	/	/	/	/	/	/
15.	621115106016	KAVIYARASI S	/	/	/	/	/	/	/	/	/	/
16.	621115106017	KAVYA.V	/	/	/	/	/	/	/	/	/	/
17.	621115106018	KAYALVIZHI R	/	/	/	/	/	/	/	/	/	/
18.	621115106021	MERLIN SONA S	/	/	/	/	/	/	/	/	/	/
19.	621115106022	MONICA SELLUS D	/	/	/	/	/	/	/	/	/	/
20.	621115106023	NAMBIKKAI MARY.A	/	/	/	/	/	/	/	/	/	/
21.	621115106024	PADMA.V	/	/	/	/	/	/	/	/	/	/
22.	621115106025	PREETHA J	/	/	/	/	/	/	/	/	/	/
23.	621115106026	PREMALATHA E	/	/	/	/	/	/	/	/	/	/
24.	621115106027	PRITHIYA G	/	/	/	/	/	/	/	/	/	/
25.	621115106028	PRIYA K	/	/	/	/	/	/	/	/	/	/
26.	621115106029	RAMANI K	/	/	/	/	/	/	/	/	/	/
27.	621115106030	RANI A	/	/	/	/	/	/	/	/	/	/
28.	621115106031	SANGEETHA.K.S	/	/	/	/	/	/	/	/	/	/
29.	621115106032	SANGEETHA.V	/	/	/	/	/	/	/	/	/	/
30.	621115106033	SHALIYA MARY P	/	/	/	/	/	/	/	/	/	/
31.	621115106034	SHEIK AFRIN.K	/	/	/	/	/	/	/	/	/	/
32.	621115106035	SHOBANA.V	/	/	/	/	/	/	/	/	/	/
33.	621115106036	SIVARANJANI M	/	/	/	/	/	/	/	/	/	/
34.	621115106037	SOPHIA MARY R	/	/	/	/	/	/	/	/	/	/

Dr. R. DURAIMAN, M.A., M.B.A., MISTE., M.E.,
 PRINCIPAL
 IDHAYA ENGG. COLLEGE FOR WOMEN
 CHINNASALEM-606 201, KALLAKURICHI ST



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35.	621115106039	SUPRAJA.M	/	/	/	/	/	/	/	/	/	/	/
36.	621115106040	VINOLIYA MERCY J	/	/	/	/	/	/	/	/	/	/	/
37.	621115106301	NAGALAKSHMI M	/	/	/	/	/	/	/	/	/	/	/
38.	621115106701	PUNITHA P	/	/	/	/	/	/	/	/	/	/	/


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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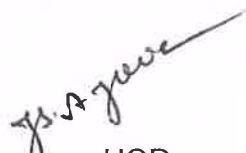
Ref: IECW/ECE/ER/2019

Date: 18.01.2019


Event Report

Name of Activity: Add On Course- Modern Communication Systems			
Organized by: Electronics And Communication Engineering			
Date: 02-01-2019 -12-01-2019		Total Participants:38	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Dr. Sr. A. Jenitta	Associate Professor	Department of Electronics and Communication Engineering -IECW, Chinnasalem
For the benefits of student's The department of Electronics and Communication Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted as 60 Add-on Course on Modern Communication Systems from 02-01-2019 to 12-01-2019 Dr. Sr. A. Jenitta, Associate Professor /ECE were the resource person. The students from final years ECE actively Participated in this course. At the end of the course students learnt the principles and techniques used in modern communication systems.			


Course Co-ordinator


HOD


Principal


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/ML/2019

Date: 21.01.2019

Add-on Course

Name of the Course: Modern Communication Systems

Academic Year: 2018-2019

Course Duration: 02.01.2019-12.01.2019 (60 hours)

Year/Dept.: IV/ECE

Mark List

S. No	Roll No.	Name	Marks
1.	621115106001	ANBARASI.R	45
2.	621115106002	ANUSUYA.A	44
3.	621115106003	ARCHANA.M	46
4.	621115106004	ARULMOZHI.M	40
5.	621115106006	DIVYABHARATHI.	41
6.	621115106007	DURGADEVI.R	42
7.	621115106008	ELAKKIYA P	39
8.	621115106009	FARHANA A	38
9.	621115106010	FARHANA.N	45
10.	621115106011	GOLDA REMINA	47
11.	621115106012	ISHWARYA S	42
12.	621115106013	JEEVA SURUTHI	46
13.	621115106014	JENIFER	48
14.	621115106015	JUDI SOWMIYA J	46
15.	621115106016	KAVIYARASI S	43
16.	621115106017	KAVYA.V	40
17.	621115106018	KAYALVIZHI R	38
18.	621115106021	MERLIN SONA S	45
19.	621115106022	MONICA SELLUS	41
20.	621115106023	NAMBIKKAI	42
21.	621115106024	PADMA.V	39
22.	621115106025	PREETHA J	38
23.	621115106026	PREMALATHA E	45
24.	621115106027	PRITHIYA G	47
25.	621115106028	PRIYA K	42
26.	621115106029	RAMANI K	46
27.	621115106030	RANI A	48
28.	621115106031	SANGEETHA.K.S	37
29.	621115106032	SANGEETHA.V	39
30.	621115106033	SHALIYA MARY P	42
31.	621115106034	SHEIK AFRIN.K	39
32.	621115106035	SHOBANA V RUMANI	44
33.	621115106036	SIVARANJANI M	40
34.	621115106037	SOPHIA MARY R	41



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

35.	621115106039	SUPRAJA.M	39
36.	621115106040	VINOLIYA MERCY	44
37.	621115106301	NAGALAKSHMI M	46
38.	621115106701	PUNITHA P	43


Course Co-ordinator 21/1/19.


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
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CERTIFICATE OF COMPLETION

This is to Certify that.....Gelda Remina Mary.....
 studyingIV - ECE..... has successfully completed60 hours..... Add-on Course
 on.....Modern Communication Systems..... conducted by the Department of
ECE..... from 02.01.2019 to 12.01.2019. In the academic year 2018 - 2019...


Course co-ordinator


HOD


Principal



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CERTIFICATE OF COMPLETION

This is to Certify that.....P. Punitha.....
studying IV - ECE..... has successfully completed 60 hours..... Add-on Course
on.....Modern Communication Systems..... conducted by the Department of
.....ECE..... from 02.01.2019 to 12.01.2019.. In the academic year 2018 - 2019..


Course co-ordinator


HOD


Principal


Dr. B. GURJIMANI, M.E, Ph.D, MBA, MISTE, F.I.E.
IDHAYA ENGINEERING COLLEGE FOR WOMEN
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CERTIFICATE OF COMPLETION

This is to Certify that.....Jenifer Sharmila S.....
 studyingIV - ECE..... has successfully completed60 hours..... Add-on Course
 on.....Modern Communication Systems..... conducted by the Department of
ECE..... from 02.01.2019 to 12.01.2019. In the academic year ..2018-2019....


Course co-ordinator


HOD


Principal

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IDHAYA ENGINEERING COLLEGE FOR WOMEN

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2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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ELECTRICAL DESIGN AND DRAFTING



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/EEE/RL/2018

Date: 22.12.2018

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Electrical and Electronics Engineering

Sub: Request for conducting a 60 hours add-on Course.

Dear Sir,

I, Mr. S. Silambarasan, Assistant Professor in the Department of Electrical and Electronics Engineering, would like to conduct a 60 hours Add- on Course with the objective of learning Electrical Design & Drafting course helps the students master in core domains like Codes & Standards, Designing, Project Management, Estimation. on "Electrical Design and Drafting" from 02-01-2019 to 12-01-2019 for final year EEE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours sincerely

Mr. S. Silambarasan.

Neeraj
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., FR
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201. KALLAKURICHI DT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/CC/2018

Date: 22.12.2018

Add-on Course-Syllabus

Name of the Course: **Electrical Design and Drafting**

Academic Year: 2018-2019

Course Objectives:

The Electrical Design & Drafting course helps the students master in core domains like Codes & Standards, Designing, Project Management and Estimation.

Topic-I	INTRODUCTION :Scope of Electrical Engineers in Modern Construction Industry, Basic Electrical Terms- Definitions, Glossary, Units, Abbreviations, Electrical Codes & Standards - BS, NEC, IEE, IEEE, NFPA, IEC, Generation, Transmission & Distribution of Electricity, Basic Electrical Formulae	10
Topic-II	WIRING ACCESSORIES & CABLE MANAGEMENT SYSTEMS : Switches & Sockets (Types and Applications), Isolators & Disconnect Switches, Final Circuits - Lighting & Power Wiring Diagrams, Radial & Ring Circuits, Distribution Boards (DB) Load Schedules & Load Balancing, Standard Mounting Heights of Accessories, Wires & Cables (Types and Applications), Conduit System & Layout, Cable Tray, Ladder, Trunking Systems, Underground Cables (Directly Buried), Duct Banks & Cable Trenches, Bus Duct & Bus Bar Risers	10
Topic-III	POWER SYSTEM DESIGN :Circuit Breakers (Types & Selection), RCD/ELCB, Panel Boards - Final DB, SMDB, MDB, Motor Control Center (MCC) - Electric Motors & Starters, Coordination with HVAC, PLUMBING, Fire Fighting, Lift Systems like Chillers, AHU FCU, WATER & DRAINAGE PUMPS, FIRE FIGHTING PUMPS ETC : Capacitor Banks - Power Factor Improvement, Switchgear- Forms of Panels, Transformers, UPS/ Inverter, Standby Diesel Generators (ATS & Changeover Switch), IP Protection, Transformers.	10
Topic-IV	LIGHTING SYSTEM :Lighting Fixtures (Types & Applications), Lighting Design- Illumination Lux Levels, Emergency & Exit Lighting System EARTHING & LIGHTNING PROTECTION SYSTEM :Earthing Systems	10


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(Types, Methods & Installation), Lightning Protection Systems, Emergency & Exit Lighting System

Topic-V

ELECTRIC DRAFTING-ELECTRICAL SYSTEM DRAFTING (CAD) : Preparation of Lighting Layouts (Design & Shop Drawings), Preparation of Power Layouts (Design & Shop Drawings), Preparation of Single Line Diagrams (SLD) or Riser Diagrams, Preparation of Electrical General Installation Details & Sections, Preparation of LV or Electrical Room Details. **PROJECT MANAGMENT :**Project Estimation, Testing & Commissioning, Planning, Procurement Process. Tendering, BOQ etc

10

Topic-VI

LOW CURRENT/ ELV SYSTEMS :Fire Alarm & Detection System, Closed Circuit Television System (CCTV), Access Control System, Public Address (PA), Back Ground Music (BGM) System, Satellite and Master Antenna Television System (SMATV), Communication Systems- Telephone, Data, Structured Cabling System **PROJECT MANAGMENT :**Project Estimation, Testing & Commissioning, Planning, Procurement Process. Tendering, BOQ etc **ELECTRICAL DRAFTSMAN SOFTWARE'S :**Auto Cad, E-Tools - Lighting Calculation, Voltage Drop Calculation etc,

10

Total Hours 60

Course Outcomes: After this course the students are master in core domains like Codes & Standards, Designing, Project Management and Estimation.

Course Co-ordinator.

HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/CIR/2018

Date: 23.12.2018

ELECTRICAL AND ELECTRONCS ENGINEERING

CIRCULAR

The Department of Electrical and Electronics Engineering is offering "Electrical Design and Drafting" as 60 hours add -on course for final year EEE students from 02-01-2019 to 12-01-2019 for the academic year 2018-2019. Mr. S. Silambarasan, Assistant Professor /EEE will coordinate this course. Interested students can enrol their name for the course with Mr. S. Silambarasan.



HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the departments staff members.
5. File.

CC To:

To read in final year EEE class.


Dr. R. GURUMANI, M.E., P.E.D., M.B.A., M.I.S.T.E., F.I.E.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALI AKURICHI DT

Add-on Course

On

“Electrical Design and Drafting”

02.01.2019 to 12.01.2019

Mr. S. Silambarasan

Assistant Professor, EEE/IECW

Venue: LH 03- IECW



**Idhaya Engineering College for Women
Chinnasalem – 606201**

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone: 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has 2(f) status of UGC act 1956 for getting central funding assistance. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:


Electrical Design & Drafting course helps the students master in core domains like Codes & Standards, Designing, Project Management and Estimation.

PARTICIPANTS:

Final Year EEE students

IMPORTANT DATES:

Last Date of Registration: 28.12.2018


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE (Engg.)
PRINCIPAL
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CHINNASALEM-606 201, KALLAKURICHI DT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SR/2018

Date: 28.12.2018

Add-on Course

Name of the Course: **Electrical Design and Drafting**

Academic Year: 2018-2019

Course Duration: 02.01.2019-12.01.2019 (60 hours)

Year/Dept: IV/EEE

Registered Students

S. No	Roll No.	Name
1.	621115105001	ABIRAMI M
2.	621115105002	ANBARASI P
3.	621115105003	ANITHA J
4.	621115105004	ANJU S
5.	621115105006	DEEPIKA B
6.	621115105007	DHANALAKSHMI K
7.	621115105008	ELIZABETH.S
8.	621115105009	JAYA SURYA M
9.	621115105010	KOWSALYA V
10.	621115105011	NITHIYA C
11.	621115105012	PAVITHRA.P
12.	621115105013	PRADEEPA P
13.	621115105014	PRIYA
14.	621115105015	RAMYA P
15.	621115105016	RASIKA R
16.	621115105017	REKA R
17.	621115105018	SATHYA.V
18.	621115105020	SELVALAKSHMI.T
19.	621115105021	SUDHA N
20.	621115105022	VIDHYA S
21.	621115105701	FARZANA B
22.	621115105702	MONIKA G

Course Co-ordinator

Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.I.
PRINCIPAL

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HOD



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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SAL/2018

Date: 02.01.2019

Add-on Course

Name of the Course: **Electrical Design and Drafting**

Academic Year: 2018-2019

Course Duration: 02.01.2019-12.01.2019 (60 hours)

Year/Dept: IV/EEE

Students Attendance List

S. No	Roll No.	Name	02.01 .2019	03.01 .2019	04.01 .2019	05.01 .2019	07.01 .2019	08.01 .2019	09.01 .2019	10.01 .2019	11.01 .2019	12.01 .2019
1.	62111510500	ABIRAMI M	/	/	/	/	/	/	/	/	/	/
2.	62111510500	ANBARASI P	/	/	/	/	/	/	/	/	/	/
3.	62111510500	ANITHA J	/	/	/	/	/	/	/	/	/	/
4.	62111510500	ANJU S	/	/	/	/	/	/	/	/	/	/
5.	62111510500	DEEPIKA B	/	/	/	/	/	/	/	/	/	/
6.	62111510500	DHANALAKSHMI K	/	/	/	/	/	/	/	/	/	/
7.	62111510500	ELIZABETH.S	/	/	/	/	/	/	/	/	/	/
8.	62111510500	JAYA SURYA M	/	/	/	/	/	/	/	/	/	/
9.	62111510501	KOWSALYA V	/	/	/	/	/	/	/	/	/	/
10.	62111510501	NITHIYA C	/	/	/	/	/	/	/	/	/	/
11.	62111510501	PAVITHRA.P	/	/	/	/	/	/	/	/	/	/
12.	62111510501	PRADEEPA P	/	/	/	/	/	/	/	/	/	/
13.	62111510501	PRIYA	/	/	/	/	/	/	/	/	/	/
14.	62111510501	RAMYA P	/	/	/	/	/	/	/	/	/	/
15.	62111510501	RASIKA R	/	/	/	/	/	/	/	/	/	/
16.	62111510501	REKA R	/	/	/	/	/	/	/	/	/	/
17.	62111510501	SATHYA.V	/	/	/	/	/	/	/	/	/	/
18.	62111510502	SELVALAKSHMI.T	/	/	/	/	/	/	/	/	/	/
19.	62111510502	SUDHA N	/	/	/	/	/	/	/	/	/	/
20.	62111510502	VIDHYA S	/	/	/	/	/	/	/	/	/	/
21.	62111510570	FARZANA B	/	/	/	/	/	/	/	/	/	/
22.	62111510570	MONIKA G	/	/	/	/	/	/	/	/	/	/

Rheut

Course Co-ordinator

Dr. R. Gurumani

HOD

Rheut

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

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CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in


Ref: IECW/EEE/ER/2019

Date: 18.01.2019


Event Report

Name of Activity: Add On Course- Electrical Design and Drafting			
Organized by: Electrical and Electronics Engineering			
Date: 02-01-2019 -12-01-2019		Total Participants:22	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mr. S. Silambarasan	Assistant Professor	Department of Electrical and Electronics Engineering -IECW, Chinnasalem.
For the benefits of student's the department of Electrical and Electronics Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted 60 hours Add-on Course on "Electrical Design and Drafting" from 02-01-2019 -12-01-2019. Mr. S. Silambarasan, Assistant Professor /EEE were the resource person. The students from final years EEE actively Participated in this course. At the end of the course the students learnt core domains like Codes & Standards, Designing, Project Management and Estimation.			


Course Co-ordinator


HOD


Principal


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/ML/2018

Date: 21.01.2019

Add-on Course

Name of the Course: **Electrical Design and Drafting**


Academic Year: 2018-2019

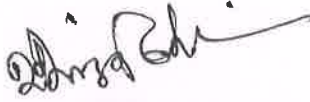
Course Duration: 02.01.2019-12.01.2019 (60 hours)

Year/Dept.: IV/EEE

Mark Lists

S. No	Roll No.	Name	Marks 50
1.	621115105001	ABIRAMI M	45
2.	621115105002	ANBARASI P	47
3.	621115105003	ANITHA J	42
4.	621115105004	ANJU S	46
5.	621115105006	DEEPIKA B	48
6.	621115105007	DHANALAKSHMI K	37
7.	621115105008	ELIZABETH.S	39
8.	621115105009	JAYA SURYA M	42
9.	621115105010	KOWSALYA V	39
10.	621115105011	NITHIYA C	44
11.	621115105012	PAVITHRA.P	40
12.	621115105013	PRADEEPA P	43
13.	621115105014	PRIYA DHARSHINI.M	39
14.	621115105015	RAMYA P	44
15.	621115105016	RASIKA R	46
16.	621115105017	REKA R	43
17.	621115105018	SATHYA.V	40
18.	621115105020	SELVALAKSHMI.T	38
19.	621115105021	SUDHA N	45
20.	621115105022	VIDHYA S	47
21.	621115105701	FARZANA B	40
22.	621115105702	MONIKA G	41


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., P.R.E.
PRINCIPAL

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Chinnasalem – 606201, Villupuram Dt.

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An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....S. Elizabeth.....
studyingIV - EEE..... has successfully completed60 hours..... Add-on Course
on.....Electrical Design and Drafting..... conducted by the Department of
.....EEE..... from 02.01.2019... to 12.01.2019.... In the academic year 2018-2019.....

Course co-ordinator

HOD

Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ITE., F.I.E.,
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IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM 606 201, KALLAKURICHI Dt.

Principal



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CERTIFICATE OF COMPLETION

This is to Certify that.....Dhanalakshmi . K......
studying IV - EEE..... has successfully completed 60 hours..... Add-on Course
on.....Electrical Design and Drafting..... conducted by the Department of
EEE..... from 12.01.2019.. to 12.01.2019.... In the academic year 2018-2019.....

Course co-ordinator

HOD

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,

PRINCIPAL

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Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....*Anitha J*.....
studying*IV - EEE*..... has successfully completed*60 hours*..... Add-on Course
on.....*Electrical Design and Drafting*..... conducted by the Department of
.....*EEE*..... from *02.01.2019*.. to *12.01.2019*.. In the academic year ..*2018 - 2019*.....

Anand
Course co-ordinator

[Signature]
HOD

[Signature]
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT
[Signature]
Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

ARDUINO BASED EMBEDDED SYSTEM DESIGN



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/RL/2018

Date: 17.07.2018

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Electronics and Communication Engineering.

Sub: Request for organising a 36 hours Add- on Course.

Dear Sir,

I, Mrs. K. Solaiyammal, Assistant Professor in the Department of Electronics and Communication Engineering, would like to conduct a 36 hours add-on Course with the objective of embedded system is a combination of hardware and software provided that both should be synchronized with each other. The Arduino is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them. In this course the students will learn how the Arduino platform works in terms of the physical board and libraries and the IDE (Integrated Development Environment) on "ARDUINO based Embedded System Design" from 23.07.2018 to 28.07.2018 for third year ECE students. In this regards, I request you to give permission for this Add on Course.

Thanking you sir.

Yours Sincerely

(Mrs. K. Solaiyammal)

Heeni
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.Sc., M.L.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CC/2018

Date: 17.07.2018

Add-on Course

Name of the Course: **ARDUINO based Embedded System Design**

Academic Year: **2018-2019**

Course objectives:

An embedded system is a combination of hardware and software provided that both should be synchronized with each other. The arduino is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them. In this course the students will learn how the arduino platform works in terms of the physical board and libraries and the ide (integrated development environment).

- | | | |
|-----------------|--|-----------|
| Topic-I | <ul style="list-style-type: none">• Introduction to embedded systems. (3)• Components of embedded system. (2)• Advantages and applications of embedded systems. (2)• Examples of real time embedded systems and how they are manufactured industry ready. (2)• Different Microcontroller Architectures (CISC, RISC, ARISC). (3)• Internal Resources & Hardware Chips in Details. (2)• History of AVR Microcontrollers and Features. (2)• Memory Architectures (RAM/ROM) (2) | 18 |
| Topic-II | <ul style="list-style-type: none">• Programming in Embedded-C, Concepts of C language. (2)• General Hardware Interfacings :LED's (2) ,Switches (2) Seven Segment Display (2) ,Multi Segment Displays (2) ,Relays (AC Appliance Control) (2), LCD (2) ,Buzzer (2),IR Sensors (2) | 18 |

Total Hours 36

CourseOutcomes: After the completion of the course, the students will be specialized in Embedded System Design using Arduino.


Course Co-ordinator.


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CIR/2018

Date: 18.07.2018

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

The Department Of Electronics and Communication Engineering is offering "ARDUINO based Embedded System Design" as 36 hours Add- on Course for third year ECE students from 23.07.2018 to 28.07.2018 for the academic year 2018-2019. Mrs. K. Solaiyammal, Assistant Professor /ECE will coordinate this course. Interested students can enrol their name for the Course with Mrs. K. Solaiyammal.

HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the department staff members.
5. File.

CC To:

To read third year ECE class.

Neena
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., MASTE., Ph.D.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Add-on Course

On

“ARDUINO based Embedded System Design”

23.07.2018-28.07.2018

Mrs. K. Solaiyammal

Assistant Professor, ECE/IECW

Venue: LH 07- IECW



Idhaya Engineering College for Women
Chinnasalem – 606201

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone: 04151-258325

ABOUT THE INSTITUTION:

Idhaya Engineering College for Women (IECW) was established in 2001 and it was a Christian Minority Institution. Two decades of excellence in engineering education enhances IECW's reputation far and wide. Since its inception, IECW has been laying emphasis on engineering education for women. It is a beacon for aspiring young women guiding them to achieve a significant engineering degree under the auspicious guiding and committed leadership of the Franciscan Sisters of Immaculate Heart of Mary Congregation (FIHM), Puducherry.

IECW is an ISO 9001:2015 certified institution. It has 2(f) status of UGC act 1956 for getting central funding assistance. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:


Embedded system is a combination of hardware and software provided that both should be synchronized with each other. The Arduino is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them.

PARTICIPANTS:

Third Year ECE Students

IMPORTANT DATES:

Last Date of Registration: **21.07.2018**


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IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SR/2018

Date: 21.07.2018

Add-on Course

Name of the Course: **ARDUINO based Embedded System Design**


Academic Year: 2018-2019

Course Duration: 23.07.2018-28.07.2018 (36 hours)

Year/Dept: III/ECE

Registered Students

S. No	Roll No.	Name
1.	621116106001	ABARNA K
2.	621116106002	AJITHA P
3.	621116106003	ANITHA A
4.	621116106004	ANJALI DEVI S
5.	621116106005	ARUNA V
6.	621116106011	MAHESWARI P
7.	621116106012	MERLIN JOYANA G
8.	621116106015	NAVEENA A
9.	621116106023	SELSIA S
10.	621116106024	SHAHIDHA L
11.	621116106025	SIVASANKARI G
12.	621116106026	SUBASHINI E
13.	621116106027	SUVITHA V
14.	621116106028	YASMIN M
15.	621116106901	LEELA ROSLIN


Course Co-ordinator


HOD

neena
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SAL/2018

Date: 23.07.2018

Add-on Course

Name of the Course: **ARDUINO based Embedded System Design**

Academic Year: 2018-2019

Course Duration: 23.07.2018-28.07.2018 (36 hours)

Year/Dept: III/ECE

Students Attendance List

S. No	Roll No.	Name	23.07.2018	24.07.2018	25.07.2018	26.07.2018	27.07.2018	28.07.2018
1.	62111610600	ABARNA K	/	/	/	/	/	/
2.	62111610600	AJITHA P	/	/	/	/	/	/
3.	62111610600	ANITHA A	/	/	/	/	/	/
4.	62111610600	ANJALI DEVI S	/	/	/	/	/	/
5.	62111610600	ARUNA V	/	/	/	/	/	/
6.	62111610601	MAHESWARI P	/	/	/	/	/	/
7.	62111610601	MERLIN JOYANA G	/	/	/	/	/	/
8.	62111610601	NAVEENA A	/	/	/	/	/	/
9.	62111610602	SELSIA S	/	/	/	/	/	/
10.	62111610602	SHAHIDHA L	/	/	/	/	/	/
11.	62111610602	SIVASANKARI G	/	/	/	/	/	/
12.	62111610602	SUBASHINI E	/	/	/	/	/	/
13.	62111610602	SUVITHA V	/	/	/	/	/	/
14.	62111610602	YASMIN M	/	/	/	/	/	/
15.	62111610690	LEELA ROSLIN	/	/	/	/	/	/

Course Co-ordinator

HOD

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/ER/2018

Date: 30.07.2018


Event Report

Name of Activity: Add On Course- ARDUINO based Embedded System Design			
Organized by: Electronics and Communication Engineering			
Date: 23.07.2018 to 28.07.2018		Total Participants: 15	
Resource Person: Mrs. K. Solaiyammal			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mrs. K. Solaiyammal	Assistant Professor	Department of Electronics and Communication Engineering -IECW, Chinnasalem
<p>For the benefits of student's The department of Electronics and Communication Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted a 36 hours Add-on Course on ARDUINO based Embedded System Design from 23.07.2018 to 28.07.2018. Mrs. K. Solaiyammal, Assistant Professor /ECE were the resource person. 15 students students from third years ECE actively Participated in this course. The course ended with the outcome of designing the Embedded System using Arduino and also learnt how the arduino platform works in terms of the physical board and libraries and the ide (integrated development environment).</p>			


Course Co-ordinator


HOD


Principal


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M. ISTE., P. I. E.,
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IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/ML/2018

Date: 01.08.2018

Add-on Course

Name of the Course: **ARDUINO based Embedded System Design**

Academic Year: 2018-2019

Course Duration: 23.07.2018-28.07.2018 (36 hours)


Year/Dept: III/ECE

Mark Lists

S. No	Roll No.	Name	Marks
1.	621116106001	ABARNA K	39
2.	621116106002	AJITHA P	40
3.	621116106003	ANITHA A	37
4.	621116106004	ANJALI DEVI S	41
5.	621116106005	ARUNA V	43
6.	621116106011	MAHESWARI P	46
7.	621116106012	MERLIN JOYANA G	44
8.	621116106015	NAVEENA A	48
9.	621116106023	SELSIA S	40
10.	621116106024	SHAHIDHA L	41
11.	621116106025	SIVASANKARI G	40
12.	621116106026	SUBASHINI E	38
13.	621116106027	SUVITHA V	37
14.	621116106028	YASMIN M	39
15.	621116106901	LEELA ROSLIN	42


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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CERTIFICATE OF COMPLETION

This is to Certify that.....Selsia . S.....
studyingIII - ECE..... has successfully completed36 hours..... Add-on Course
on.....ARDUINO based Embedded System Design..... conducted by the Department of
.....ECE..... from 28.07.2018.. to 28.07.2018.. In the academic year 2018 - 2019.....


Course co-ordinator


HOD


Dr.R.GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
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Principal



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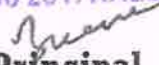
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CERTIFICATE OF COMPLETION

This is to Certify that.....*S. Anjali Devi*.....
studying*III - ECE*..... has successfully completed*36 hours*..... Add-on Course
on.....*ARDUINO based Embedded System Design*..... conducted by the Department of
.....*ECE*..... from *23.07.2018* to *28.07.2018*. In the academic year ..*2018 - 2019*..


Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.
PRINCIPAL
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Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....M. Yasmin.....
 studyingIII - ECE..... has successfully completed36 hours..... Add-on Course
 on.....ARDUINO Based Embedded System Design..... conducted by the Department of
ECE..... from 23.07.2018 to 28.07.2018. In the academic year2018 - 2019...


Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.
PRINCIPAL
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 CHINNASALEM-606 201, KALLAKURICHI DT

Principal



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ARDUINO PROGRAMMING



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/EEE/RL/2018

Date: 17.07.2018

Requisition Letter

To

The Principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through

Head of the Department,
Department of Electrical and Electronics Engineering

Sub: Request for conducting a 36 hours add-on Course.

Dear Sir,

I, Ms. Lydia Jenifer J R, Assistant Professor in the Department of Electrical and Electronics Engineering, would like to conduct a 36 hours add- on Course with the objective of learning ARDUINO Programming is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them. In this course the students will learn how the Arduino platform works in terms of the physical board and libraries and the IDE (Integrated Development Environment) on "ARDUINO Programming" from 23.07.2018 to 28.07.2018 for third year EEE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours sincerely

(Ms. Lydia Jenifer J R)

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



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Email ID: indhaya@iecw.edu.in

Ref: IECW/EEE/CC/2018

Date: 17.07.2018

Add-on Course-Syllabus

Name of the Course: **ARDUINO Programming**

Academic Year: 2018-2019

Course Objectives:

Arduino is a prototype platform (open-source) based on an easy-to-use hardware and software. It consists of a circuit board, which can be programmed (referred to as a microcontroller) and a ready-made software called Arduino IDE (Integrated Development Environment), which is used to write and upload the computer code to the physical board. Arduino provides a standard form factor that breaks the functions of the micro-controller into a more accessible package.

Topic-I Introduction: > Introduction to embedded system > Understanding 6
Embedded System > Overview of basic electronics and digital electronics.

> Microcontroller vs. Microprocessor > Common features of
Microcontroller. > Comparison between the two > Different types of
microcontrollers. **Getting Started with Arduino:** > Introduction to
Arduino > Pin configuration and architecture. > Device and platform
features. > Concept of digital and analog ports. > Familiarizing with
Arduino Interfacing Board > Introduction to Embedded C and Arduino
platform

Topic-II Review of Basic Concepts: > Arduino data types > Variables and 6
constants

> Operators > Control Statements > Arrays > Functions **Arduino i/o**
Functions: > Pins Configured as INPUT > Pull-up Resistors > Pins
Configured as OUTPUT > pinMode() Function > digitalWrite() Function

Dr. R. Gurumani
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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- > analogRead() function > Arduino Interrupts
- Topic-III Arduino Time:** 6
- > Incorporating Arduino time > delay() function > delayMicroseconds() function > millis() function > micros() function .**Arduino Displays:** > Working with Serial Monitor > Line graph via serial monitor > Interfacing a 8 bit LCD to Arduino > Fixed one line static message display. > Running message display. > Using the LCD Library of Arduino.
- Topic-IV Arduino Sensors:** > Arduino – Humidity Sensor > Arduino – Temperature Sensor 6
- > Arduino – Water Detector / Sensor > Arduino – PIR Sensor > Arduino – Ultrasonic Sensor > Arduino – Connecting Switch (Magnetic relay switches)
- Arduino Secondary Integrations > Types of Relay > Controlling Electrical appliances with electromagnetic relays > Working of a matrix keypad > Using the keypad library to interface with Arduino. > Interfacing Servo motors to Arduino
- > Interfacing a RF Module
- Topic-V Giving Input to the controller:** > Using serial input. > Controlling LEDs with keys. > Keys as toggle switch. > Interfacing a piezo Buzzer 6
- > Using a buzzer as an alarm unit
- Arduino Communications:** > Parallel Communication > Serial Communication Modules > Types of Serial Communications > Arduino UART > GSM/GPRS Arduino Interfacing
- Topic-VI This will involve designing, developing, coding and implement Arduino project. Projects will include but not limited to :** > Intelligent


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Email ID: indhaya@iecw.edu.in

home locking system. > Intelligent water level management system. >


Home automation using RFID. > Real time clock-based home


automation. > Intelligent Automatic Irrigation System

Total Hours 36

Course Outcomes: The students will: ✓ Learn the basics of electronics, including reading schematics (electronics diagrams) ✓ Learn how to prototype circuits with a breadboard ✓ Learn the Arduino programming language and IDE ✓ Program basic Arduino examples ✓ Prototype circuits and connect them to the Arduino ✓ Program the Arduino microcontroller to make the circuits work ✓ Connect the Arduino microcontroller to a serial terminal to understand communication and stand-alone use ✓ Explore the provided example code and online resources for extending knowledge about the capabilities of the Arduino microcontroller


Course Co-ordinator.


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/CIR/2018

Date: 18.07.2018

ELECTRICAL AND ELECTRONCS ENGINEERING

CIRCULAR

The Department of Electrical and Electronics Engineering is offering "ARDUINO Programming" as 36 hours Add -on Course for third year EEE students from 23-07-2018 to 28-07-2018 for the academic year 2018-2019. Ms. Lydia Jenifer J R, Assistant Professor /EEE will coordinate this course. Interested students can enrol their name for the course with Ms. Lydia Jenifer J R.

HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the departments staff members.
5. File.

CC To:

To read in third year EEE class.

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Add-on Course

On

“ARDUINO PROGRAMMING”

23.07.2018-28.07.2018

MS. LYDIA JENIFER J R

Assistant Professor, EEE/IECW

Venue: LH 04- IECW



Idhaya Engineering College for Women
Chinnasalem – 606201

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone: 04151-258325

ABOUT THE INSTITUTION:

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IECW is an ISO 9001:2015 certified institution. It has 2(f) status of UGC act 1956 for getting central funding assistance. It has Institutional membership with ISTE and CSI. The UG programmes of B.E. CSE & B.E. ECE are permanently affiliated with Anna University, Chennai.

ABOUT THE COURSE:

ARDUINO Programming is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them. In this course the students will learn how the Arduino platform works in terms of the physical board and libraries and the IDE

PARTICIPANTS:

Third Year EEE Students

IMPORTANT DATES:

Last Date of Registration: **21.07.2018**

R. Guramani
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SR/2018

Date: 21.07.2018

Add-on Course

Name of the Course: **ARDUINO Programming**

Academic Year: 2018-2019

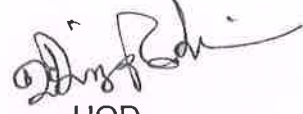
Course Duration: 23.07.2018-28.07.2018 (36 hours)


Year/Dept.: III/EEE

Registered Students

S. No	Roll No.	Name
1.	621116105001	ABINAYA K
2.	621116105002	ANBUMAYIL A
3.	621116105003	ARUNA C
4.	621116105006	BHARATHI K
5.	621116105007	GAYATHRI K
6.	621116105009	KALAIVANI A
7.	621116105014	NARMATHA K
8.	621116105015	PERIYANAYAKI T
9.	621116105017	SARANYA S
10.	621116105019	SHALINI M K
11.	621116105021	SRI SWARNA
12.	621116105023	THEERTHANA K


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, F.I.E.,
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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SAL/2018

Date: 23.07.2018

Add On Course

Name of the Course: **ARDUINO Programming**

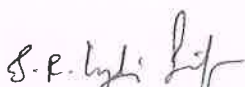
Academic Year: 2018-2019

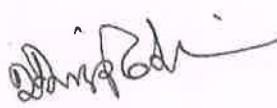
Course Duration: 23.07.2018-28.07.2018 (36 hours)


Year/Dept: III/EEE

Students Attendance List

S. No	Roll No.	Name	23.07.2018	24.07.2018	25.07.2018	26.07.2018	27.07.2018	28.07.2018
1.	62111610500	ABINAYA K	/	/	/	/	/	/
2.	62111610500	ANBUMAYIL A	/	/	/	/	/	/
3.	62111610500	ARUNA C	/	/	/	/	/	/
4.	62111610500	BHARATHI K	/	/	/	/	/	/
5.	62111610500	GAYATHRI K	/	/	/	/	/	/
6.	62111610500	KALAIVANI A	/	/	/	/	/	/
7.	62111610501	NARMATHA K	/	/	/	/	/	/
8.	62111610501	PERIYANAYAKI T	/	/	/	/	/	/
9.	62111610501	SARANYA S	/	/	/	/	/	/
10.	62111610501	SHALINI M K	/	/	/	/	/	/
11.	62111610502	SRI SWARNA	/	/	/	/	/	/
12.	62111610502	THEERTHANA K	/	/	/	/	/	/


Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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CHINNASALEM-606 201, KALLAKURICHI DT.



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2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/ER/2018

Date: 30.07.2018

Event Report

Name of Activity: Add On Course- ARDUINO Programming			
Organized by: Electrical and Electronics Engineering			
Date: 23.07.2018 to 28.07.2018		Total Participants:12	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Ms. Lydia Jenifer J R	Assistant Professor	Department of Electrical and Electronics Engineering -IECW, Chinnasalem
<p>For the benefits of student's The department of Electrical and Electronics Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted 36 hours Add-on Course on ARDUINO Programming from 23.07.2018 to 28.07.2018. Ms. Lydia Jenifer J R , Assistant Professor /EEE were the resource person. 12 students from third years EEE actively Participated in this course. At the end of the course the students learnt the following</p> <ul style="list-style-type: none">• The basics of electronics, including reading schematics (electronics diagrams)• Learnt how to prototype circuits with a breadboard• Learnt the Arduino programming language and IDE,• Program based Arduino examples• Prototype circuits and connect them to the Arduino• Program the Arduino microcontroller to make the circuits work• Connect the Arduino microcontroller to a serial terminal to understand communication and stand-alone use• Explore the provided example code and online resources for extending knowledge about the capabilities of the Arduino microcontroller			

S.P. Lydia J R
Course Co-ordinator

[Signature]
HOD

[Signature]
Principal

[Signature]
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/ML/2018

Date: 30.07.2018

Add-on Course

Name of the Course: **ARDUINO Programming**

Academic Year: 2018-2019

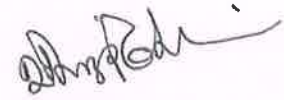
Course Duration: 23.07.2018-28.07.2018 (36 hours)

Year/Dept.: III/EEE

Mark Lists

S. No	Roll No.	Name	Marks
1.	621116105001	ABINAYA K	40
2.	621116105002	ANBUMAYIL A	38
3.	621116105003	ARUNA C	45
4.	621116105006	BHARATHI K	47
5.	621116105007	GAYATHRI K	40
6.	621116105009	KALAIVANI A	41
7.	621116105014	NARMATHA K	42
8.	621116105015	PERIYANAYAKI T	43
9.	621116105017	SARANYA S	42
10.	621116105019	SHALINI M K	39
11.	621116105021	SRI SWARNA	37
12.	621116105023	THEERTHANA K	38


S.P. Lydi
Course Co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

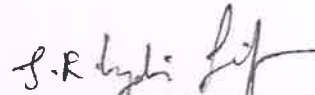
Chinnasalem – 606201, Villupuram Dt.


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CERTIFICATE OF COMPLETION

This is to Certify that.....Theerthana. K......
studyingIII - EEE..... has successfully completed36 hours..... Add-on Course
on.....ARDUINO Programming..... conducted by the Department of
.....EEE..... from 23.07.2018.. to 28.07.2018. In the academic year ..2018-2019.....


S.R. Sridhar
Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.E.,
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IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.


Principal



IDHAYA ENGINEERING COLLEGE FOR WOMEN

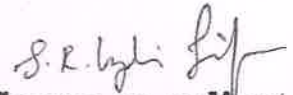
Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.


An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....Bharathi K......
studyingIII - EEE..... has successfully completed36 hours..... Add-on Course
on.....ARDUINO Programming..... conducted by the Department of
.....ECE..... from23:07:2018 to 28:07:2018.. In the academic year ..2018.....-2019....


Course co-ordinator


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT


Principal



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Chinnasalem – 606201, Villupuram Dt.

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An ISO 9001: 2015 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....S. Saranya.....
studyingIII - EEE..... has successfully completed56 hours..... Add-on Course
on.....ARDUINO Programming..... conducted by the Department of
.....EEE..... from 23.07.2018 to 28.07.2018. In the academic year 2018 - 2019....

S.R. Liji
Course co-ordinator

[Signature]
HOD

[Signature]
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT. **Principal**



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

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2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

JAVA PROGRAMS AND JAVA COLLECTIONS & WEB SERVICE DEPLOYMENT



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/RL/2018

Date: 17.07.2018

Requisition Letter

To

The principal,
Idhaya Engineering College for Women,
Chinnasalem – 606201.

Through:

Head of the Department,
Department of Computer Science Engineering.


Sub: Request for organising a 30 hours add-on course.

Dear Sir,

I, Sr.Arockia Jaya, Assistant Professor in the Department of Computer Science Engineering, would like to conduct a 36 hours add-on course with the objective of learning advanced techniques on "Java Programs and Java Collections & Web Service Deployment" from 23-07-2018 to 28-07-2018 for third year CSE students. In this regard, I request you to give permission for the course.

Thanking you sir.

Yours Sincerely


(Sr.Arockia Jaya)

Review
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE, P.H.D.
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/CSE/CC/2018

Date: 17.07.2018

Add-on Course-Syllabus

Name of the Course: Java Programs and Java Collections & Web Service Deployment

Academic Year: 2018-2019

Course Objectives:

The Collection in Java is a framework that provides an architecture to store and manipulate the group of objects. Java Collections can achieve all the operations that you perform on a data such as searching, sorting, insertion, manipulation, and deletion. Java Collection means a single unit of objects.

- | | | |
|-----------|--|---|
| Topic-I | Java Introduction: Java Hello World, Java JVM, JRE and JDK, Java Variables and Literals, Java Data Types, Java Operators, Java Input and Output, Java Expressions & Blocks, Java Comment | 6 |
| Topic-II | Java Flow Control: if...else, switch Statement, for Loop, for-each Loop, while Loop, break Statement, continue Statement, Arrays, Multidimensional Array, J Copy Array. Java OOP: Class and Objects, Java Methods, Java Method Overloading Constructor, Strings, Access Modifiers, this keyword, final keyword, Recursion, instanceof Operator | 6 |
| Topic-III | OOP (II), Inheritance, Method Overriding, super Keyword, Abstract Class & Method, Interfaces, Polymorphism. Java OOP (III), Nested & Inner Class, Static Class, Anonymous Class, Singleton, enum Class, enum Constructor, enum String, Reflection | 6 |
| Topic-IV | Exception Handling, Exceptions, Exception Handling, try...catch, throw and throws, catch Multiple Exceptions, try-with-resources, Annotations, Annotation Types, Logging, Assertions, List, Collections Framework, Collection Interface, List Interface, Array List, Vector | 6 |
| Topic-V | Queue: Queue Interface, Priority Queue, Deque Interface, Linked List, Array Deque, Blocking Queue Interface, Array Blocking Queue, Linked Blocking Queue Map; Map Interface, Hash Map, Linked Hash Map, Weak | |


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
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Hash Map, Enum Map, Sorted Map Interface, Navigable Map Interface,
Tree Map, Concurrent Map Interface, Concurrent Hash Map

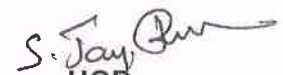
Topic-VI Set: Set Interface, Hash Set, Enum Set, Linked hash Set, Sorted Set 6
Interface, Navigable Set Interface, Tree Set, Algorithms, Iterator. I/O
Streams: Input Stream, Output Stream, File Input Stream, File Output
Stream, Byte Array Input Stream, Byte Array Output Stream, Object Input
Stream, Object Output Stream, Buffered Input Stream, Buffered Output
Stream, Print Stream


Total Hours 36

Course Outcomes:

After completion of the course, the students will be able to understand the working of Java Programs and Java Collections & Web Service Deployment. The students will be able to understand Java Programs and Java Collections & Web Service Deployment practically.


Course Co-ordinator.


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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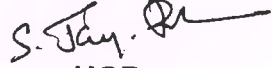
Ref: IECW/CSE/CIR/2018

Date: 18.07.2018

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

The Department of Computer Science and Engineering is offering Java Programs and Java Collections & Web Service Deployment as add -on course for third year CSE students from 23-07-2018 to 28-07-2018 for the academic year 2018-2019. Sr.Arockia Jaya, Assistant Professor /CSE will coordinate this course. Interested students can enrol their name for the course with Sr.Arockia Jaya.



HOD

Copy To:

1. Secretary for her kind information.
2. Principal
3. Vice Principal.
4. To circulate among the departments staff members.
5. File.

CC To:

To read in third year CSE class.


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT

Add-on Course

On

**“Java Programs and Java Collections &
Web Service Deployment”**

23-07-2018 to 28-07-2018

Sr.Arockia Jaya

Assistant Professor, CSE/IECW

Venue: LH 12- IECW



**Idhaya Engineering College for Women
Chinnasalem – 606201**

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ABOUT THE COURSE:

The Collection in Java is a framework that provides an architecture to store and manipulate the group of objects. Java Collections can achieve all the operations that you perform on a data such as searching, sorting, insertion, manipulation, and deletion. Java Collection means a single unit of objects

PARTICIPANTS:

Third Year CSE students

IMPORTANT DATES:

Last Date of Registration: 21.07.2018

Ramani
Dr.R.GURUMANI,M.E.,Ph.D.,M.B.A.,M.ISTE.,F.I.E.,
PRINCIPAL
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Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/SR/2018

Date: 21.07.2018

Add-on Course

Name of the Course: **Java Programs and Java Collections & Web Service Deployment**


Course Duration: 23-07-2018-28-07-2018 (36 hours) Academic Year: 2018-2019

Year/Dept.: III/CSE

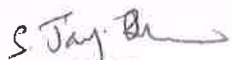
Registered Students

S. No	Roll No.	Name
1.	621116104001	ABIRAMI.R
2.	621116104002	AISWARIYA S
3.	621116104003	AMALA DARATHI B
4.	621116104004	ANITHA S
5.	621116104005	ARCHANA R
6.	621116104006	DHANISHA BANU A
7.	621116104007	EZHILARASI M
8.	621116104008	HASEENA PARVEEN F
9.	621116104009	INFANTA QUEEN T
10.	621116104010	JESSIE RIYOSHNA MARY R
11.	621116104011	KAVYA K
12.	621116104012	MANGAYAR KARASI R M
13.	621116104013	MANIMEGALAI M
14.	621116104014	MANIMOZHI S
15.	621116104016	MARIE SMILEIN A
16.	621116104017	MONIKHA S
17.	621116104018	MONISHA B
18.	621116104019	MURUGASELVI R
19.	621116104020	NAZIYAN SUSMITHA G
20.	621116104022	PRESILLA KANIMOZHI A
21.	621116104023	RAMYA M
22.	621116104024	RANJANI M
23.	621116104025	ROHINI S
24.	621116104026	SAMREEN T
25.	621116104028	SANDHIYA S
26.	621116104029	SARANYA C
27.	621116104031	SAVITHRA T
28.	621116104032	SIMRAN A
29.	621116104035	SWETHA S
30.	621116104036	THARANI T
31.	621116104037	VAISHNAVI S


Course Co-ordinator


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, F.I.E.
PRINCIPAL

IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT


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IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, VILLUPURAM DISTRICT, TAMIL NADU, INDIA.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/SAL/2018

Date: 23.07.2018

Add On Course

Name of the Course: Java Programs and Java Collections & Web Service Deployment

Course Duration: 23-07-2018-28-07-2018 (36 hours)

Academic Year: 2018-2019

Year/Dept.: III/CSE

Students Attendance List

S. No	Roll No.	Name	23.07.2018	24.07.2018	25.07.2018	26.07.2018	27.07.2018	28.07.2018
1.	621116104001	ABIRAMI.R	/	/	/	/	/	/
2.	621116104002	AISWARIYA S	/	/	/	/	/	/
3.	621116104003	AMALA DARATHI B	/	/	/	/	/	/
4.	621116104004	ANITHA S	/	/	/	/	/	/
5.	621116104005	ARCHANA R	/	/	/	/	/	/
6.	621116104006	DHANISHA BANU A	/	/	/	/	/	/
7.	621116104007	EZHILARASI M	/	/	/	/	/	/
8.	621116104008	HASEENA	/	/	/	/	/	/
9.	621116104009	INFANTA QUEEN T	/	/	/	/	/	/
10.	621116104010	JESSIE RIYOSHNA	/	/	/	/	/	/
11.	621116104011	KAVYA K	/	/	/	/	/	/
12.	621116104012	MANGAYAR	/	/	/	/	/	/
13.	621116104013	MANIMEGALAI M	/	/	/	/	/	/
14.	621116104014	MANIMOZHI S	/	/	/	/	/	/
15.	621116104016	MARIE SMILEIN A	/	/	/	/	/	/
16.	621116104017	MONIKHA S	/	/	/	/	/	/
17.	621116104018	MONISHA B	/	/	/	/	/	/
18.	621116104019	MURUGASELVI R	/	/	/	/	/	/
19.	621116104020	NAZIYAN	/	/	/	/	/	/
20.	621116104022	PRESILLA	/	/	/	/	/	/
21.	621116104023	RAMYA M	/	/	/	/	/	/
22.	621116104024	RANJANI M	/	/	/	/	/	/
23.	621116104025	ROHINI S	/	/	/	/	/	/
24.	621116104026	SAMREEN T	/	/	/	/	/	/
25.	621116104028	SANDHIYA S	/	/	/	/	/	/
26.	621116104029	SARANYA C	/	/	/	/	/	/
27.	621116104031	SAVITHRA T	/	/	/	/	/	/
28.	621116104032	SIMRAN A	/	/	/	/	/	/
29.	621116104035	SWETHA S	/	/	/	/	/	/
30.	621116104036	THARANI T	/	/	/	/	/	/
31.	621116104037	VAISHNAVI S	/	/	/	/	/	/

Course Co-ordinator

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S. Jayaram
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Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/ML/2018

Date:

Add On Course

Name of the Course: **Java Programs and Java Collections & Web Service Deployment**

Course Duration: 23-07-2018-28-07-2018 (30 hours)

Academic Year: 2018-2019

Year/Dept.: III/CSE

Mark List

S. No	Roll No.	Name	Marks
1.	621116104001	ABIRAMI.R	43
2.	621116104002	AISWARIYA S	40
3.	621116104003	AMALA DARATHI	38
4.	621116104004	ANITHA S	45
5.	621116104005	ARCHANA R	47
6.	621116104006	DHANISHA BANU	40
7.	621116104007	EZHILARASI M	41
8.	621116104008	HASEENA	42
9.	621116104009	INFANTA QUEEN	43
10.	621116104010	JESSIE	44
11.	621116104011	KAVYA K	44
12.	621116104012	MANGAYAR	46
13.	621116104013	MANIMEGALAI M	48
14.	621116104014	MANIMOZHI S	38
15.	621116104016	MARIE SMILEIN A	43
16.	621116104017	MONIKHA S	47
17.	621116104018	MONISHA B	40
18.	621116104019	MURUGASELVI R	41
19.	621116104020	NAZIYAN	42
20.	621116104022	PRESILLA	43
21.	621116104023	RAMYA M	44
22.	621116104024	RANJANI M	44
23.	621116104025	ROHINI S	46
24.	621116104026	SAMREEN T	47
25.	621116104028	SANDHIYA S	40
26.	621116104029	SARANYA C	39
27.	621116104031	SAVITHRA T	44
28.	621116104032	SIMRAN A	46
29.	621116104035	SWETHA S	43
30.	621116104036	THARANI T	40
31.	621116104037	VAISHNAVI S	38

Course Co-ordinator

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Ref: IECW/CSE/ER/2018

Date: 31.07.2018


Event Report

Name of Activity: Add - on Course- Java Programs and Java Collections & Web Service Deployment			
Organized by: Department of Computer Science and Engineering			
Date: 23-07-2018-28-07-2018		Total Participants:31	
Resource Person: Sr.Arockia Jaya			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Sr.Arockia Jaya	Assistant Professor	Department of Computer Science and Engineering -IECW, Chinnasalem
<p>For the benefits of student's The department of Electrical and Electronics Engineering, Idhaya Engineering College For Women, Chinnasalem. Conducted six days Add-on course on Java Programs and Java Collections & Web Service Deployment from 23-07-2018-28-07-2018. Sr.Arockia Jaya, Assistant Professor /CSE were the resource person. The students from third year CSE actively Participated in this course. At the end of the course the students learnt the working of Java Programs and Java Collections & Web Service Deployment. The students will able to understand Java Programs and Java Collections & Web Service Deployment practically.</p>			


Course Co-ordinator


HOD


Principal


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CERTIFICATE OF COMPLETION

This is to Certify that.....*A. Manie Smilein*.....
 studying*III - CSE*..... has successfully completed*36 hours*..... Add-on Course
 on *Java Programs and Java Collections & Web Service Deployment* conducted by the Department of
*ESE*..... from *28.07.2018* to *28.07.2018*.. In the academic year ..*2018-2019*..

[Signature]
Course co-ordinator

[Signature]
HOD

[Signature]
Dr. R. GURUMANAN M.E, Ph.D, M.B.A., M.ISTE., F.I.E.,
Principal



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CERTIFICATE OF COMPLETION

This is to Certify that.....*M. Exhilarasi*.....
 studying*III - CSE*..... has successfully completed*36 hours*..... Add-on Course
 on *Java Programs and Java Collections & Web Service Deployment* conducted by the Department of
*CSE*..... from *28.07.2018*.. to *28.07.2018*.. In the academic year *2018-2019*.....

[Signature]
 Course co-ordinator

[Signature]
 HOD

[Signature]
 Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
 PRINCIPAL
 IDHAYA ENGG. COLLEGE FOR WOMEN
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[Signature]
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CERTIFICATE OF COMPLETION

This is to Certify that:.....*M. Ramya*.....
 studying*III - CSE*..... has successfully completed*36 hours*..... Add-on Course
 on *Java Program & Java Collections & Web Service Deployment* conducted by the Department of
*CSE*..... from *23.07.2018* to *28.07.2018* In the academic year *2018-2019*...

Course co-ordinator

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NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING



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Ref:IECW/NPTEL/2018

NPTEL online Certificate Programme

Academic Year: 2018-2019

S. No	Name of the Course	Course Duration	Name of the student
1.	English Language for Competitive Exams	12 weeks	UDHAYANILA V

PRINCIPAL

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Ref:IECW/NPTEL/2020

NPTEL online Certificate Programme



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

UDHAYANILA V

for successfully completing the course

English Language for Competitive Exams

with a consolidated score of **40 %**

Online Assignments	14.75/25	Proctored Exam	25/75
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Total number of candidates certified in this course: **811**

Prof. A. Ramesh
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, SIE

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