



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

2016 -17



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S.No	Name of the Add-on Course
1.	Statistical Analysis for Engineers
2.	Modern Regression Analysis in R
3.	Java Programming: Solving Problems with Software
4.	MATLAB Based on Signal And Image Processing
5.	Understanding and Visualizing Data with Python
6.	PCB Designing and Simulation
7.	Power Devices Selection, Magnetic Design and Thermal Consideration For Power Supply

Renu
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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STATISTICAL ANALYSIS FOR ENGINEERS



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Email ID: indhaya@iecw.edu.in

Ref: IECW/S&H/RL/2017

Date: 02.01.2017

Requisition Letter

To

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

Through

Head of the Department,
Department of Science and Humanities.

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


Dear Sir,

I, Mrs S.Peter Francis, Assistant Professor, in the Department of Science and Humanities, would like to conduct a 36 hours add-on Course with the objective of Statistics provides us with a quantitative framework to utilize data for describing, summarizing, and modelling the world around us. Engineering statistics combines engineering and statistics using scientific methods for analyzing data. This course introduces students to the fundamental concepts of probability, random variables and their distributions, and shows how these ideas provide the theoretical foundation for data analysis through statistical modelling, estimation and hypothesis testing with a major emphasis on applications in electrical engineering and computer systems. on "Statistical Analysis for Engineers" from 05-01-2017 to 11-01-2017 for Second year ECE&EEE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely


(Mrs S.Peter Francis)


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Ref: IECW/S&H/CC/2017

Date: 02.01.2017

Add- on Course -Syllabus

Name of the Course: **Statistical Analysis for Engineers**

Academic Year: 2016-2017

Course Objectives: Statistics provides us with a quantitative framework to utilise data for describing, summarising, and modelling the world around us. Engineering statistics combines engineering and statistics using scientific methods for analysing data. This course introduces students to the fundamental concepts of probability, random variables and their distributions, and shows how these ideas provide the theoretical foundation for data analysis through statistical modelling, estimation and hypothesis testing with a major emphasis on applications in electrical engineering and computer systems.

1. Sample space, events, axioms of probability and Bayes' theorem	3
2. Random variables and their distributions: Univariate	4
3. Expected values and their properties	3
4. Functions of random variables	3
5. Vector and matrix calculations	3
6. Random vectors and joint distributions: Multivariate	4
7. Samples, sampling distributions and Central Limit Theorem	3
8. Hypothesis testing	4
9. Estimation	3
10. Simple linear regression models	3
11. Monte Carlo Simulation	3
Total Hours	36

Course Outcomes: On successful completion of the course students will be able to: concepts including probability and hypothesis testing to solve engineering problems- Apply Explain the basic concepts underlying probability and hypothesis testing - Explain the underlying assumptions and the applicability of each of the approaches studied - Apply statistical models and statistical linear algebra concepts and methods to statistical models- Demonstrate an enhanced analytical ability.


Course Co-ordinator

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

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Ref: IECW/S&H/CIR/2016

Date: 03.01.2017

DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

The Department of Science and Humanities is offering "Statistical Analysis for Engineers" as add-on Course for second year ECE & EEE students from 05-01-2017 to 11-01-2017 for the academic year 2016-2017. Mr. S.Peter Francis, Assistant Professor /S&H will coordinate this course. Interested students can enrol their name for the Course with Mr. S.Peter Francis.



HOD

Copy To:

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

CC To:

To read second year ECE & EEE classes.


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

Add-on Course

On

**“Statistical Analysis for
Engineers”**

05-01-2017 -11-01-2017

Mr.S.Peter Francis

Assistant Professor,S&H/IECW

Venue: LH 13- 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 9001:2008 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:

Statistics provides us with a quantitative framework to utilise data for describing, summarising, and modelling the world around us. Engineering statistics combines engineering and statistics using scientific methods for analysing data. This course introduces students to the fundamental concepts of probability, random variables and their distributions, and shows how these ideas provide the theoretical foundation for data analysis through statistical modelling, estimation and hypothesis testing with a major emphasis on applications in electrical engineering and computer systems.

PARTICIPANTS:

Second Year ECE & EEE Students.

IMPORTANT DATES:

Last Date of Registration: 04.01.2017

Principals
Dr. B. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Ref: IECW/ECE/SR/2017

Date: 04.01.2017

Add-on Course

Name of the Course: **Statistical Analysis for Engineers.**

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/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.	621115106019	LALITHA N
19.	621115106021	MERLIN SONA S
20.	621115106022	MONICA SELLUS D
21.	621115106023	NAMBIKKAI MARY.A
22.	621115106024	PADMA.V
23.	621115106025	PREETHA J
24.	621115106026	PREMALATHA E
25.	621115106027	PRITHIYA G
26.	621115106028	PRIYA K
27.	621115106029	RAMANI K
28.	621115106030	RANI A
29.	621115106031	SANGEETHA.K.S
30.	621115106032	SANGEETHA.V
31.	621115106033	SHALIYA MARY P
32.	621115106034	SHEIK AFRIN.K
33.	621115106035	SHOBANA.V
34.	621115106036	SIVARANJANI M
35.	621115106037	SOPHIA MARY R
36.	621115106038	SRIDEVI K
37.	621115106039	SUPRAJA.M

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

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38.	621115106040	VINOLIYA MERCY J
39.	621115106301	NAGALAKSHMI M
40.	621115106701	PUNITHA P


Course Co-ordinator


HOD


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Ref: IECW/EEE/SR/2017

Date: 05.01.2017

Add - On Course

Name of the Course: Statistical Analysis for Engineers.

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (6 Days)


Year/Dept.: II/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.	621115105019	SEEMAVATHY C
19.	621115105020	SELVALAKSHMI.T
20.	621115105021	SUDHA N
21.	621115105022	VIDHYA S
22.	621115105701	FARZANA B
23.	621115105702	MONIKA G


Course Co-ordinator


HOD


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Ref: IECW/ECE/SAL/2017

Date: 05.01.2017

Add-on Course

Name of the Course: **Statistical Analysis for Engineers.**

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36hours)

Year/Dept.: II/ECE

Students Attendance List

S. No	Roll No.	Name	05.01.2017	06.01.2017	07.01.2017	09.01.2017	10.01.2017	11.01.2017
1.	621115106001	ANBARASI.R	/	/	/	/	/	/
2.	621115106002	ANUSUYA.A	/	/	/	/	/	/
3.	621115106003	ARCHANA.M	/	/	/	/	/	/
4.	621115106004	ARULMOZHI.M	/	/	/	/	/	a
5.	621115106006	DIVYABHARATHI.T	/	/	/	/	/	/
6.	621115106007	DURGADEVI.R	a	/	/	/	/	/
7.	621115106008	ELAKKIYA P	/	/	/	/	/	/
8.	621115106009	FARHANA A	/	/	/	/	/	/
9.	621115106010	FARHANA.N	/	/	/	/	/	/
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14.	621115106015	JUDI SOWMIYA J	/	/	/	/	/	/
15.	621115106016	KAVIYARASI S	/	/	/	/	/	/
16.	621115106017	KAVYA.V	/	/	/	/	/	/
17.	621115106018	KAYALVIZHI R	/	/	/	/	/	/
18.	621115106019	LALITHA N	/	/	a	/	/	/
19.	621115106021	MERLIN SONA S	/	/	/	/	/	/
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40.	621115106701	PUNITHA P	/	/	/	/	/	/


Course Co-ordinator


HOD

Menei
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Ref: IECW/EEE/SAL/2017

Date: 05.01.2017

Add - On Course

Name of the Course: Statistical Analysis for Engineers.

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/EEE

Students Attendance List

S. No	Roll No.	Name	05.01.2017	06.01.2017	07.01.2017	09.01.2017	10.01.2017	11.01.2017
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.	621115105019	SEEMAVATHY C	/	/	/	/	/	/
19.	621115105020	SELVALAKSHMI.T	/	/	/	/	/	/
20.	621115105021	SUDHA N	/	/	/	/	/	/
21.	621115105022	VIDHYA S	/	/	/	/	/	/
22.	621115105701	FARZANA B	/	/	/	/	/	/
23.	621115105702	MONIKA G	/	/	/	/	/	/


Course Co-ordinator


HOD


Dr.R.GURUMURUGAN, M.E, Ph.D, M.B.A., MASTE., F.I.E.,
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Ref: IECW/ S&H/ER/2017

Date: 19.01.2017


Event Report

Name of Activity: Add on Course: Statistical Analysis for Engineers			
Organized by: Department of Science and Humanities.			
Date: 05-01-2017 -11-01-2017		Total Participants: 63	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mrs. S.Peter Francis	Assistant Professor.	Department of Science and Humanities, IECW, Chinnasalem.
<p>For sharing the knowledge, The Department of Science and Humanities, Idhaya Engineering College for Women, Chinnasalem, conducted a 36 hours Add-on Course on "Statistical Analysis for Engineers" from 05-01-2017 -11-01-2017. Mrs. S.Peter Francis, Assistant Professor /S&H were the resource person. The students from second year ECE&EEE enthusiastically attended the course. The course ended with an outcome of the students can Explain the basic concepts underlying probability and hypothesis testing - Explain the underlying assumptions and the applicability of each of the approaches studied - Apply statistical models and statistical linear algebra concepts and methods to statistical models and Demonstrate an enhanced analytical ability.</p>			


Course Co-ordinator


HOD


Principal


Dr.R.GORDHANI, 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/Mark List/2017

Date: 18.01.2017

Add -on Course

Name of the Course: **Statistical Analysis for Engineers.**

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/ECE

Mark List

S. No	Roll No.	Name	Marks	50
1.	621115106001	ANBARASI.R	42	
2.	621115106002	ANUSUYA.A	46	
3.	621115106003	ARCHANA.M	48	
4.	621115106004	ARULMOZHI.M	46	
5.	621115106006	DIVYABHARATHI.T	43	
6.	621115106007	DURGADEVI.R	40	
7.	621115106008	ELAKKIYA P	38	
8.	621115106009	FARHANA A	45	
9.	621115106010	FARHANA.N	47	
10.	621115106011	GOLDA REMINA MARY	40	
11.	621115106012	ISHWARYA S	42	
12.	621115106013	JEEVA SURUTHI A	38	
13.	621115106014	JENIFER SHARMILA.S	45	
14.	621115106015	JUDI SOWMIYA J	47	
15.	621115106016	KAVIYARASI S	40	
16.	621115106017	KAVYA.V	41	
17.	621115106018	KAYALVIZHI R	42	
18.	621115106019	LALITHA N	43	
19.	621115106021	MERLIN SONA S	44	
20.	621115106022	MONICA SELLUS D	44	
21.	621115106023	NAMBIKKAI MARY.A	46	
22.	621115106024	PADMA.V	48	
23.	621115106025	PREETHA J	38	
24.	621115106026	PREMALATHA E	39	
25.	621115106027	PRITHIYA G	40	
26.	621115106028	PRIYA K	37	
27.	621115106029	RAMANI K	38	
28.	621115106030	RANI A	38	
29.	621115106031	SANGEETHA.K.S	39	
30.	621115106032	SANGEETHA.V	40	
31.	621115106033	SHALIYA MARY P	37	
32.	621115106034	SHEIK AFRIN.K	41	
33.	621115106035	SHOBANA.V	43	
34.	621115106036	SIVARANJANI M	46	
35.	621115106037	SOPHIA MARY R	44	
36.	621115106038	SRIDEVI K	48	
37.	621115106039	SUPRAJA.M	40	

D.R. GURUMANT, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.E.,
PRINCIPAL
IDHAYA ENG. 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

38.	621115106040	VINOLIYA MERCY J	44
39.	621115106301	NAGALAKSHMI M	38
40.	621115106701	PUNITHA P	39


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/EEE/ML/2017

Date: 05.01.2017

Add-on Course

Name of the Course: **Statistical Analysis for Engineers.**

Academic Year: 2016-2017

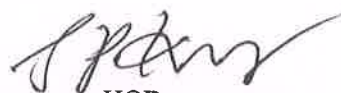
Course Duration: 05-01-2017 to 11-01-2017 (36 hours)


Year/Dept.: II/EEE

Mark List

S. No	Roll No.	Name	Marks 50
1.	621115105001	ABIRAMI M	35
2.	621115105002	ANBARASI P	36
3.	621115105003	ANITHA J	38
4.	621115105004	ANJU S	40
5.	621115105006	DEEPIKA B	47
6.	621115105007	DHANALAKSHMI K	40
7.	621115105008	ELIZABETH.S	41
8.	621115105009	JAYA SURYA M	42
9.	621115105010	KOWSALYA V	43
10.	621115105011	NITHIYA C	42
11.	621115105012	PAVITHRA.P	39
12.	621115105013	PRADEEPA P	41
13.	621115105014	PRIYA	42
14.	621115105015	RAMYA P	39
15.	621115105016	RASIKA R	38
16.	621115105017	REKA R	45
17.	621115105018	SATHYA.V	47
18.	621115105019	SEEMAVATHY C	42
19.	621115105020	SELVALAKSHMI.T	46
20.	621115105021	SUDHA N	48
21.	621115105022	VIDHYA S	37
22.	621115105701	FARZANA B	39
23.	621115105702	MONIKA G	41


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.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

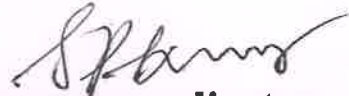
Chinnasalem – 606201, Villupuram Dt.


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


An ISO 9001: 2008 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....E. Nithiya.....
 studyingII-EEE..... has successfully completed36 hours..... Add-on Course
 on.....Statistical Analysis for Engineers..... conducted by the Department of
SEH..... from 05.01.2017 to 11.01.2017... In the academic year2016....2017...


Course co-ordinator


HOD


M.R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
PRINCIPAL
 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: 2008 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....*Durgadevi . P*.....
studying*II - ECE*..... has successfully completed*36 hours*..... Add-on Course
on.....*Statistical Analysis for Engineers*..... conducted by the Department of
.....*SEH*..... from *05.01.2017*.. to.....*11.01.2017*.. In the academic year*2016 - 2017*..

Sptm
Course co-ordinator

Sptm
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, KALIAKURICHI DT.

Heena
Principal



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An ISO 9001: 2008 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....A. Jadhava.....
studyingII - ECE..... has successfully completed36 hours..... Add-on Course
on.....Statistical Analysis for Engineers..... conducted by the Department of
.....S&H..... from ..05.01.2017.. to...11.01.2017.. In the academic year2016 - 2017.....


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.


Principal



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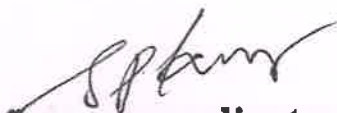
Chinnasalem – 606201, Villupuram Dt.

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An ISO 9001: 2008 Certified Institution


CERTIFICATE OF COMPLETION

This is to Certify that.....S. Elizabeth.....
studyingII - EEE..... has successfully completed36 hours..... Add-on Course
on.....Statistical Analysis for Engineers..... conducted by the Department of
.....SEH..... from05.01.2017 to.....11.01.2017... In the academic year2016 - 2017.....


Course co-ordinator


HOD


Principal


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, VILLUPURAM 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

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 REGRESSION ANALYSIS IN 'R'



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/2017

Date: 02.01.2017

Requisition Letter

To

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

Through

Head of the Department,
Department of Information Technology.

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

Dear Sir,

I, Mrs S.Jeeva, Assistant Professor, in the Department of Information Technology, would like to conduct a 36 hours add-on Course with the objective of In This course will provide a set of foundational statistical modeling tools for data science. In particular, students will be introduced to methods, theory, and applications of linear statistical models, covering the topics of parameter estimation, residual diagnostics, goodness of fit, and various strategies for variable selection and model comparison. Attention will also be given to the misuse of statistical models and ethical implications of such misuse on "Modern Regression Analysis in R" from 05-01-2017 to 11-01-2017 for second year CSE&IT students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely

S. Jeeva
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.Sc., P.T.
PRINCIPAL
(Mrs S.Jeeva)
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.

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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/IT/CC/2017

Date: 02.01.2017

Add- on Course

Name of the Course: **Modern Regression Analysis in R**

Academic Year: 2016-2017

Course Objectives: This course will provide a set of foundational statistical modeling tools for data science. In particular, students will be introduced to methods, theory, and applications of linear statistical models, covering the topics of parameter estimation, residual diagnostics, goodness of fit, and various strategies for variable selection and model comparison. Attention will also be given to the misuse of statistical models and ethical implications of such misuse.

- | | | |
|------------|--|---|
| Module-I | Introduction to Statistical Models: introduce the basic conceptual framework for statistical modelling in general , and for linear regression models in particular. | 9 |
| Module II | Linear Regression Parameter Estimation: fit linear regression models with least squares. properties of least squares, and describe some goodness of fit metrics for linear regression models. | 9 |
| Module III | Inference in Linear Regression: The uses of linear regression modeling for justifying inferences from samples to populations. | 9 |
| Module IV | Prediction and Explanation in Linear Regression Analysis : Models can predict future values, as well as construct interval estimates for those values. Explore the relationship between statistical modelling and causal explanations. | 9 |

Total Hours

36

Course Outcomes: By the end of the course the students able to analyze data using Modern Regression Analysis in R

S. Jeel
Course Co-ordinator.

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

[Signature]
HOD



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/IT/CIR/2016

Date: 03.01.2017

DEPARTMENT OF INFORMATION TECHNOLOGY

CIRCULAR

The Department of Information Technology is offering " Modern Regression Analysis in R " as add- on Course for second year CSE & IT students from 05-01-2017 to 11-01-2017 for the academic year 2016-2017. Mrs S.Jeeva, Assistant Professor /IT will coordinate this course. Interested students can enrol their name for the Course with Mrs S.Jeeva.



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.


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 Regression Analysis in R”

05-01-2017 -11-01-2017

Mrs S.Jeeva

Assistant Professor, IT/IECW

Venue: LH 15- IECW



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

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

Phone: 04151-258325

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

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 9001:2008 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:

This course will provide a set of foundational statistical modelling tools for data science. In particular, students will be introduced to methods, theory, and applications of linear statistical models, covering the topics of parameter estimation, residual diagnostics, goodness of fit, and various strategies for variable selection and model comparison. Attention will also be given to the misuse of statistical models and ethical implications of such misuse.

PARTICIPANTS:

Second Year CSE & IT Students.

IMPORTANT DATES:

Date of Registration: 04.01.2017



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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

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Phone: 04151-258325, 258326

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Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/SR/2017

Date: 04.01.2017

Add -on Course

Name of the Course: **Modern Regression Analysis in R**

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/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
7.	621115104007	ARTHI A
8.	621115104008	ARTHI S
9.	621115104009	ARULMANI P
10.	621115104010	BABYSUBBULAKSHMI
11.	621115104011	BHARATHI P
12.	621115104012	DEVIKA K
13.	621115104013	DHIVYA.S
14.	621115104015	ESHWARI K
15.	621115104016	GAYATHRI G
16.	621115104017	GEJALAKSHMI.S
17.	621115104018	JAYAPRADHA R
18.	621115104019	KALAIVANI S
19.	621115104020	KANIMOZHI D
20.	621115104021	KARPAGAVALLI N
21.	621115104022	KARPAKAM S
22.	621115104023	KAVITHA K
23.	621115104024	KAYALVIZHI S
24.	621115104025	KOWSALYA R.S
25.	621115104026	KOWSALYA S
26.	621115104027	LAKSHMI A
27.	621115104028	LICIYAANGEL A
28.	621115104029	MAHALAKSHMI J
29.	621115104030	MAHALAKSHMI R
30.	621115104031	MALARVIZHI.M
31.	621115104032	MANJU.M
32.	621115104034	MELVIN A
33.	621115104035	MOHANA PRIYA.M
34.	621115104036	MOHANA PRIYA.R
35.	621115104037	NIRMALA E
36.	621115104038	NITHYA.M
37.	621115104039	PREETHI K

Heaven
R. GURUMANI, M.E, P.H.D., M.B.A., MISTE.
PRINCIPAL
IDHAYA ENGINEERING COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

38.	621115104040	PRIYA S
39.	621115104041	RESHMA.R
40.	621115104042	ROOBINI V
41.	621115104043	SANTHIYA S
42.	621115104044	SATHYA PRIYA S
43.	621115104045	SHABANA S
44.	621115104046	SHABEENA.H
45.	621115104047	SHARMILA.K
46.	621115104048	SHOBANA.S
47.	621115104049	SINDHUJA.C
48.	621115104050	SIVARANJANI R
49.	621115104052	SONIYA M
50.	621115104053	SULOCHANA M
51.	621115104054	VIJAYALAKSHMI B

S. Jeev

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.



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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/IT/SR/2017

Date: 05.01.2017

Add -on Course

Name of the Course: **Modern Regression Analysis in R**

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/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.	621115205014	SUDHANDIRAPRIYA
13.	621115205015	SUMITHRA S
14.	621115205016	UDHAYAKUMARI U
15.	621115205017	VAITHEESWARI S
16.	621115205301	JAYASRI S

S. Jeeva

Course Co-ordinator

S. Jeeva
HOD

R. Gurumani
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/CSE/SAL/2017

Date: 05.01.2017

Add-on Course

Name of the Course: **Modern Regression Analysis in R**

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/CSE

Students Attendance List

S. No	Roll No.	Name	05.01.2017	06.01.2017	07.01.2017	09.01.2017	10.01.2017	11.01.2017
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	/	/	/	/	/	/
7.	621115104007	ARTHI A	/	/	/	/	/	/
8.	621115104008	ARTHI S	/	/	/	/	/	/
9.	621115104009	ARULMANI P	/	/	/	/	/	/
10.	621115104010	BABYSUBBULAKSHMI	/	/	/	/	/	/
11.	621115104011	BHARATHI P	/	/	/	/	/	/
12.	621115104012	DEVIKA K	/	/	/	/	/	/
13.	621115104013	DHIVYA.S	/	/	/	/	/	/
14.	621115104015	ESHWARI K	/	/	/	/	/	/
15.	621115104016	GAYATHRI G	/	/	/	/	/	/
16.	621115104017	GEJALAKSHMI.S	/	/	/	/	/	/
17.	621115104018	JAYAPRADHA R	/	/	/	/	/	/
18.	621115104019	KALAIVANI S	/	/	/	/	/	/
19.	621115104020	KANIMOZHI D	/	/	/	/	/	/
20.	621115104021	KARPAGAVALLI N	/	/	/	/	/	/
21.	621115104022	KARPAKAM S	/	/	/	/	/	/
22.	621115104023	KAVITHA K	/	/	/	/	/	/
23.	621115104024	KAYALVIZHI S	/	/	/	/	/	/
24.	621115104025	KOWSALYA R S	/	/	/	/	/	/
25.	621115104026	KOWSALYA S	/	/	/	/	/	/
26.	621115104027	LAKSHMI A	/	/	/	/	/	/
27.	621115104028	LICIYAANGEL A	/	/	/	/	/	/
28.	621115104029	MAHALAKSHMI J	/	/	/	/	/	/
29.	621115104030	MAHALAKSHMI R	/	/	/	/	/	/
30.	621115104031	MALARVIZHI.M	/	/	/	/	/	/
31.	621115104032	MANJU.M	/	/	/	/	/	/
32.	621115104034	MELVIN A	/	/	/	/	/	/
33.	621115104035	MOHANA PRIYA.M	/	/	/	/	/	/
34.	621115104036	MOHANA PRIYA.R	/	/	/	/	/	/
35.	621115104037	NIRMALA E	/	/	/	/	/	/
36.	621115104038	NITHYA.M	/	/	/	/	/	/
37.	621115104039	PREETHI K	/	/	/	/	/	/

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Email ID: idhaya@iecw.edu.in

38.	621115104040	PRIYA S	/	/	/	/	/	/
39.	621115104041	RESHMA.R	/	a	/	/	/	/
40.	621115104042	ROOBINI V	/	/	/	/	/	/
41.	621115104043	SANTHIYA S	/	/	/	/	/	/
42.	621115104044	SATHYA PRIYA S	/	/	/	/	/	/
43.	621115104045	SHABANA S	/	/	/	/	/	/
44.	621115104046	SHABEENA.H	/	/	/	/	/	/
45.	621115104047	SHARMILA.K	/	/	/	/	/	/
46.	621115104048	SHOBANA.S	/	/	/	/	/	/
47.	621115104049	SINDHUJA.C	/	/	/	/	/	/
48.	621115104050	SIVARANJANI R	/	/	/	/	/	/
49.	621115104052	SONIYA M	/	/	/	a	/	/
50.	621115104053	SULOCHANA M	/	/	/	/	/	/
51.	621115104054	VIJAYALAKSHMI B	/	/	/	/	/	/

S. Teel

Course Co-ordinator

HOD

Meeni
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Ref: IECW/IT/SAL/2017

Date: 05.01.2017

Add -on Course

Name of the Course: **Modern Regression Analysis in R**

Academic Year: 2016-2017

Course Duration 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/IT

Students Attendance List

S. No	Roll No.	Name	05.01.2017	06.01.2017	07.01.2017	09.01.2017	10.01.2017	11.01.2017
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	/	a	/	/	/	/
11.	621115205013	SOUNDARYA S	/	/	/	/	/	/
12.	621115205014	SUDHANDIRAPRIYA	/	/	/	/	/	/
13.	621115205015	SUMITHRA S	/	/	/	/	/	/
14.	621115205016	UDHAYAKUMARI U	/	/	/	a	/	/
15.	621115205017	VAITHEESWARI S	/	/	/	/	/	/
16.	621115205301	JAYASRI S	/	/	/	/	/	/

S. Jeeva
Course Co-ordinator

R. Gurumani
Dr.R.GURUMANI, M.E., Ph.D., M.B.A., MISTE, FIE.,
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S. Jeeva
HOD



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Email ID: idhaya@iecw.edu.in

Ref: IECW/ IT/ER/2017

Date: 19.01.2017

Event Report

Name of Activity: Add-on Course: Modern Regression Analysis in R			
Organized by: Information Technology.			
Date: 05-01-2017 -11-01-2017		Total Participants: 67	
Resource Person:			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mrs S.Jeeva	Assistant Professor.	Information Technology, IECW, Chinnasalem.
<p>For sharing the knowledge, The Department of Information Technology, Idhaya Engineering College for Women, Chinnasalem, conducted Add on Course on "Modern Regression Analysis in R" from 05-01-2017 -11-01-2017. Mrs S.Jeeva, Assistant Professor /IT were the resource person. The students from second year CSE&IT actively attended the course. The course ended with an outcome of high knowledge about Statistical modeling lies at the heart of data science. Well-crafted statistical models allow data scientists to draw conclusions about the world from the limited information present in their data. In this three credit sequence, learners will add some intermediate and advanced statistical modeling techniques to their data science toolkit. In particular, learners will become proficient in the theory and application of linear regression analysis; ANOVA and experimental design; and generalized linear and additive models. Emphasis will be placed on analyzing real data using the R programming language.</p>			

S. Jeeva
Course Co-ordinator

[Signature]
HOD

[Signature]
Principal

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Ref: IECW/CSE/ML/2017

Date: 19.01.2017

Add-on Course

Name of the Course: **Modern Regression Analysis in R**

Academic Year: 2016-2017

Course Duration: 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/CSE

Mark List

S. No	Roll No.	Name	Marks
1.	621115104001	ABINAYA.P.S	45
2.	621115104002	ABIRAMI J	47
3.	621115104003	AKALYA.S	40
4.	621115104004	AKILANDESWARI A	41
5.	621115104005	ANITHA A	42
6.	621115104006	AROCKIA SHERLIN	43
7.	621115104007	ARTHI A	44
8.	621115104008	ARTHI S	44
9.	621115104009	ARULMANI P	46
10.	621115104010	BABYSUBBULAKSHMI	48
11.	621115104011	BHARATHI P	38
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24.	621115104025	KOWSALYA R S	45
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37.	621115104039	PREETHI K	42

Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.L.
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38.	621115104040	PRIYA S	43
39.	621115104041	RESHMA.R	44
40.	621115104042	ROOBINI V	44
41.	621115104043	SANTHIYA S	46
42.	621115104044	SATHYA PRIYA S	48
43.	621115104045	SHABANA S	38
44.	621115104046	SHABEENA.H	39
45.	621115104047	SHARMILA.K	40
46.	621115104048	SHOBANA.S	37
47.	621115104049	SINDHUJA.C	48
48.	621115104050	SIVARANJANI R	45
49.	621115104052	SONIYA M	44
50.	621115104053	SULOCHANA M	46
51.	621115104054	VIJAYALAKSHMI B	40

S. Jeel

Course Co-ordinator

S. Jeel
HOD

Mani
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Email ID: idhaya@iecw.edu.in

Ref: IECW/IT/ML/2017

Date: 19.01.2017

Add -on Course

Name of the Course: Modern Regression Analysis in R

Academic Year: 2016-2017

Course Duration 05-01-2017 to 11-01-2017 (36 hours)

Year/Dept.: II/IT

Mark List

S. No	Roll No.	Name	Marks
1.	621115205001	AMALA S	48
2.	621115205002	BHARATHI S	46
3.	621115205003	DEEPA M	43
4.	621115205005	GHAYATHRI T	40
5.	621115205006	MARY MARIA	38
6.	621115205008	PADHMA.P	45
7.	621115205009	PRAVITHA.S	47
8.	621115205010	SHARMILA E	40
9.	621115205011	SHARMILA DEVI.N	41
10.	621115205012	SHERLY METTILDA	42
11.	621115205013	SOUNDARYA S	43
12.	621115205014	SUDHANDIRAPRIYA	44
13.	621115205015	SUMITHRA S	44
14.	621115205016	UDHAYAKUMARI U	46
15.	621115205017	VAITHEESWARI S	48
16.	621115205301	JAYASRI S	38

S. Jeeva
Course Co-ordinator

Meenu
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[Signature]
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Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....*Amala: S*.....
 studying*II-IT*..... has successfully completed*36 hours*..... Add-on Course
 on.....*Modern Regression Analysis in R*..... conducted by the Department of
*IT*..... from *05.01.2017* to *11.01.2017*. In the academic year *2016-2017*....

S. Jui
Course co-ordinator

S. Jay
HOD

Neeraj
DR. R. GURUMANI, M.E., Ph.D., M.B.A., M.I
Principal
 PRINCIPAL
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CERTIFICATE OF COMPLETION

This is to Certify that.....P. Arulmani.....
studyingII - CSE..... has successfully completed36 hours..... Add-on Course
on.....Modern Regression Analysis in R..... conducted by the Department of
.....IT..... from 05.01.2017 to 11.01.2017... In the academic year ...2016 - 2017.....

S. Jeeva
Course co-ordinator

S. Jay
HOD

R. G. Guramani
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CERTIFICATE OF COMPLETION

This is to Certify that.....M. Sulachana.....
studyingII - CSE..... has successfully completed36 hours..... Add-on Course
on.....Modern Regression Analysis in R..... conducted by the Department of
.....IT..... from 05.01.2017 to 11.01.2017.. In the academic year 2016 - 2017...

S. Jeya
Course co-ordinator

S. Jay
HOD

Ramesh
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CERTIFICATE OF COMPLETION

This is to Certify that.....S. Sharmila.....
 studyingII - IT..... has successfully completed56 hours..... Add-on Course
 on.....Modern Regression Analysis in R..... conducted by the Department of
IT..... from 05.01.2017 to 11.01.2017.. In the academic year 2016 - 2017.....

S. Jay
Course co-ordinator

S. Jay
HOD

Mani
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE, MIE.,
PRINCIPAL **Principal**
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JAVA PROGRAMMING: SOLVING PROBLEMS WITH SOFTWARE



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Email ID: indhaya@iecw.edu.in

Ref: IECW/IT/RL/2016

Date: 16.08.2016

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, Assistant Professor in the Department of Information Technology, would like to conduct a 36 hours add-on Course with the objective of Students will learn to write and run your first Java programs, including one program that prints languages and another where students will analyze the perimeters and other information of shapes. To accomplish these tasks, you will learn the basics of Java syntax and how to design stepwise solutions with programs on "Java Programming: Solving Problems with Software" from 22-08 -2016 to 27-08- 2016 for final 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.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
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Email ID: indhaya@iecw.edu.in

Ref: IECW/IT/CC/2016

Date: 16.08.2016

Add-on Course

Name of the Course: **Java Programming Solving Problems with Software**

Academic Year: **2016-2017**

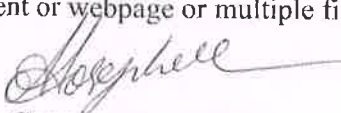
Course Objectives: Students will learn to write and run your first Java programs, including one program that prints languages and another where you will analyze the perimeters and other information of shapes. To accomplish these tasks, you will learn the basics of Java syntax and how to design stepwise solutions with programs.


Module-I	Using BlueJ to Program in Java-Shapes: Collections of Points-Mathematical Operators-Functions-Conditionals-Classes-For Each Loops-Solving Programming: A Seven Step Approach-Seven Steps in Action: Developing an Algorithm-Seven Steps in Action: Testing the Algorithm-Seven Steps in Action: Translating to Code.	12
Module II	What is a String-Understanding Strings-Developing an Algorithm-Positions in Strings-Translating into Code-Java Math-Introduction-Conceptual Understanding-While Loops-While Loop Syntax and Semantics-Coding While Loops-Three Stop Codons-Coding Three Stop Codons - Coding Three Stop Codons-Logical And / Or-Coding And / Or-Finding Multiple Genes-Translating to Code-Separation of Concerns-Storage Resource Class-Coding Storage Resource Class.	12
Module III	CSV Data: Comma Separated Values-Using CSV Libraries- Developing an Algorithm- Translating into Code- Converting Strings to Numbers Developing an Algorithm.	12

Total Hours 36

Course Outcomes:

- (1) Download and run BlueJ, the Java programming environment for this course;
- (2) Access the documentation for the Java libraries specially designed for this course;
- (3) Edit, compile, and run a Java program;
- (4) Construct methods, variables, if else statements, and for each loops in Java; and
- (5) Use Iterables (like Directory Resource) to run a program that iterates over multiples lines in a document or webpage or multiple files in a directory.


Course Co-ordinator.


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


HOD



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Email ID: idhaya@iecw.edu.in

Ref: IECW/IT/CIR/2016

Date: 17.08.2016

DEPARTMENT OF INFORMATION TECHNOLOGY

CIRCULAR

The Department of Information Technology is offering "Java Programming Solving Problems with Software" as add- on Course for final year CSE & IT students from 22-08-2016 to 27-08-2016 for the academic year 2016-2017. Mr. A. Joseph Selva Kumar, Assistant Professor /IT will coordinate this course. Interested students can enrol their name for the Course with Mr. A. Joseph Selva Kumar.

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 final year CSE & 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

**“Java Programming Solving Problems
with Software”**

22-08 2016 -27-08- 2016

Mr. A. Joseph SelvaKumar

Assistant Professor, IT/IECW

Venue: LH 08- 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 9001:2008 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:

Students will learn to write and run your first Java programs, including one program that prints languages and another where students will analyze the perimeters and other information of shapes. To accomplish these tasks, you will learn the basics of Java syntax and how to design stepwise solutions with programs.

PARTICIPANTS:

Final Year CSE & IT Students

IMPORTANT DATES:

Last Date of Registration: 19.08.2016

Dr. B. GURUMANI
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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/SR/2016

Date: 19.08.2016

Add-on Course

Name of the Course: **Java Programming Solving Problems with Software**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/CSE

Registered Students

S. No	Roll No.	Name
1.	621113104001	ABIRAMI K
2.	621113104002	AKILA A
3.	621113104005	ASWINI A
4.	621113104006	BRINDHA P
5.	621113104007	DARIS A
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28.	621113104030	SAGAYA JASEENTHA
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30.	621113104032	SASIPRIYA K
31.	621113104033	SHEENAZ FATHIMA S
32.	621113104034	SOUNDARYA
33.	621113104035	SUBALAKSHMI S
34.	621113104036	SWATHI R
35.	621113104037	UMARANI P
36.	621113104038	VICTORIA S

[Signature]
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37.	621113104040	VIJAYASREEBAVANI
38.	621113104041	VIMALA G S
39.	621113104301	PAVITHRA R
40.	621113104701	HAJARA YASMIN


Course Co-ordinator


HOD


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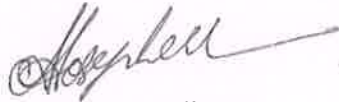
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40.	621113104701	HAJARA YASMIN	/	/	/	/	/	/


Course Co-ordinator


HOD


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Ref: IECW/IT/SAL/2016

Date: 22.08.2016

Add On Course

Name of the Course: Java Programming Solving Problems with Software

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/IT

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Course Co-ordinator

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Email ID: idhaya@iecw.edu.in

Ref: IECW/ IT/ER/2016

Date: 31.08.2016


Event Report

Name of Activity: Add-on Course: Java Programming: Solving Problems with Software			
Organized by: Department of Information Technology			
Date: 22-08 -2016 to 27-08- 2016		Total Participants: 57	
Resource Person:			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mr. A. Joseph Selva Kumar	Assistant Professor.	Department of Information Technology, IECW, Chinnasalem.
<p>The Department of Information Technology, Idhaya Engineering College for Women, Chinnasalem, conducted Add on Course on "Java Programming: Solving Problems with Software" from 22-08 -2016 to 27-08- 2016 . Mr. A. Joseph Selva Kumar, Assistant Professor /IT were the resource person. The students from final year CSE & IT actively attended the course. The course intended with an outcome of download and run BlueJ, the Java programming environment for this course, Access the documentation for the Java libraries specially designed for this course, Edit, compile, and run a Java program, Construct methods, variables, if else statements, and for each loops in Java; and Use Iterables (like Directory Resource) to run a program that iterates over multiples lines in a document or webpage or multiple files in a directory</p>			


Course Co-ordinator


HOD


Principal


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Ref: IECW/CSE/ML/2016

Date: 30.08.2016

Add-on Course

Name of the Course: **Java Programming Solving Problems with Software**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/CSE

Mark List

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1.	621113104001	ABIRAMI K	40
2.	621113104002	AKILA A	41
3.	621113104005	ASWINI A	42
4.	621113104006	BRINDHA P	43
5.	621113104007	DARIS A	44
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CERTIFICATE OF COMPLETION

This is to Certify that.....J. Meera Shiny.....
studyingIV - CSE..... has successfully completed36 hours..... Add-on Course
on.....Java Programming Solving Problems with Software..... conducted by the Department of
.....IT..... from 22.08.2016 to 27.08.2016.. In the academic year2016 - 2017..


Course co-ordinator


HOD


Principal


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IDHAYA ENGINEERING COLLEGE FOR WOMEN

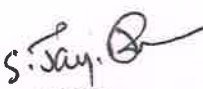
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.....IT..... from 22.08.2016.. to 27.08.2016. In the academic year2016 - 2017...


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



IDHAYA ENGINEERING COLLEGE FOR WOMEN

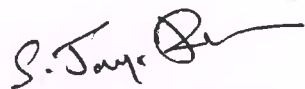
Chinnasalem – 606201, Villupuram Dt.

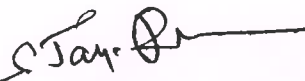
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CERTIFICATE OF COMPLETION

This is to Certify that.....Dhivya. S.....
 studyingIV - IT..... has successfully completed36 hours.... Add-on Course
 on Java Programming Solving Problems with Software... conducted by the Department of
IT..... from 22.08.2016.. to 27.08.2016.. In the academic year2016 - 2017...


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.



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CERTIFICATE OF COMPLETION

This is to Certify that.....Yuvashi S.....
studyingIV - IT..... has successfully completed36 hours..... Add-on Course
on.....Java Programming Solving Problems with Software..... conducted by the Department of
.....IT..... from 22.08.2016... to 27.08.2016. In the academic year 2016 - 2017.....

S. Jay. R.
Course co-ordinator

S. Jay. R.
HOD

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

neeni
Principal



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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

MATLAB BASED ON SIGNAL AND IMAGE PROCESSING



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Ref: IECW/EEE/RL/2016

Date: 16.08.2016

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.V.Karthikeyan, Assistant Professor, in the Department Electrical and Electronics Engineering, would like to conduct a 36 hours add-on Course with the objective of Matlab is an extremely versatile programming language for data, signal, and image analysis tasks. This course provides an introduction on how to use Matlab for data, signal, and image analysis. After completing the course, students will understand how machine learning methods can be used in Matlab for data classification and prediction; how to perform data visualization, including data visualization for high dimensional datasets; how to perform image processing and analysis methods, including image filtering and image segmentation; and how to perform common signal analysis tasks, including filter design and frequency analysis on "Matlab Based on Signal and Image Processing" from 22-08 -2016 to 27-08- 2016 for final year ECE&EEE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely

(Mr.V.Karthikeyan)

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

Ref: IECW/EEE/CC/2016

Date: 16.08.2016

Add-on Course


Name of the Course: Matlab Based on Signal and Image Processing


Academic Year: 2016-2017


Course Objectives: MATLAB is an extremely versatile programming language for data, signal, and image analysis tasks. This course provides an introduction on how to use MATLAB for data, signal, and image analysis. After completing the course, learners will understand how machine learning methods can be used in MATLAB for data classification and prediction; how to perform data visualization, including data visualization for high dimensional datasets; how to perform image processing and analysis methods, including image filtering and image segmentation; and how to perform common signal analysis tasks, including filter design and frequency analysis.

Module-I	Data Analysis In Matlab: Data Representation-Statistical Data Analysis-Data Visualization-Dimensionality Reduction-Data Classification-Data Prediction-Loading and Inspecting Datasets-Detecting Outliers-Histogram plots-Scatter plots-PCA-Smartphone activity classifier-Predicting Fuel Efficiency Using Regression Trees-Predicting Fuel Efficiency Using Gaussian Process Regression	12
Module II	Signal Analysis in Matlab: Signals as Time Dependent Data-Signal Interpolation-Audio Analysis-Convolution Filtering-Signal Frequency Analysis-Sampling and Aliasing- Reverse Audio-Spectrum plotting-Filter Quality Analysis	12
Module III	Image Analysis in Matlab: Image Representation-Image Resampling-Image Intensity & Color Distributions-Image Filtering-Image Segmentation- Cropping-Color Images-Motion-Convex Hull-Dilation and Erosion	12
Total Hours		36

Outcomes: By the end of the course the students able to understand how signals, images, and data are represented and manipulated in MATLAB, experienced with methods for data visualization, including high dimensional datasets in MATLAB, can apply machine learning methods for data classification and prediction in MATLAB, learned essential signal frequency analysis and image processing methods in MATLAB.


Course Co-ordinator.


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



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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/CIR/2016

Date: 17.08.2016

ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

The Department of Electrical and Electronics Engineering is offering "Matlab Based on Signal and Image Processing" as add- on Course for final year ECE & EEE students from 22-08-2016 to 27-08-2016 for the academic year 2016-2017. Mr.V.Karthikeyan, Assistant Professor /EEE will coordinate this course. Interested students can enrol their name for the Course with Mr. V.Karthikeyan.



HOD

Copy To:

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

CC To:

To read final year ECE & EEE classes.


SUKUMANI, 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

“Matlab Based on Signal and Image Processing”

22-08 2016 -27-08- 2016

Mr.V.Karthikeyan
Assistant Professor, EEE/IECW

Venue: LH 08- IECW



Idhaya Engineering College for Women
Chinnasalem – 606201

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

Phone: 04151-258325

new
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

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 9001:2008 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:

Matlab is an extremely versatile programming language for data, signal, and image analysis tasks. This course provides an introduction on how to use Matlab for data, signal, and image analysis. After completing the course, students will understand how machine learning methods can be used in Matlab for data classification and prediction; how to perform data visualization, including data visualization for high dimensional datasets; how to perform image processing and analysis methods, including image filtering and image segmentation; and how to perform common signal analysis tasks, including filter design and frequency analysis.

PARTICIPANTS:

Final Year ECE & EEE Students

IMPORTANT DATES:

Start Date of Registration: 19.08.2016



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Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/SR/2016

Date: 19.08.2016

Add -on Course

Name of the Course: **Matlab Based on Signal and Image Processing**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/ECE

Registered Students

S. No	Roll No.	Name
1.	621113106001	ABINANDHINI G
2.	621113106002	ABIRAMI A
3.	621113106003	ANGEL VINITHA A
4.	621113106004	ANUSUYA M
5.	621113106005	AROCKIA INNOCENTIA
6.	621113106006	BAKKIYA LAKSHMI T
7.	621113106007	BHARATHI S
8.	621113106008	CHANDIRAVATHANA R
9.	621113106009	CHANDRA KALA V
10.	621113106010	CHANDRA MEKALA V
11.	621113106011	DHIVYABHARATHY K
12.	621113106013	GEERTHANADEV I M
13.	621113106014	GIRIJA V
14.	621113106015	GOMATHI G
15.	621113106016	JANANI R
16.	621113106017	JAYALAKSHMI S
17.	621113106018	JAYASREE P
18.	621113106019	JEEVITHA R
19.	621113106020	KALPANA V
20.	621113106021	KEERTHANA DEVI D
21.	621113106022	KIRUTHIKA S
22.	621113106023	KRITHIKA D
23.	621113106024	LATHA M
24.	621113106025	LAVANYA S
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26.	621113106027	LOURDU ANITHMERCY T
27.	621113106028	MANGANI K
28.	621113106029	MANI MEGALAI S
29.	621113106030	MANJULA G
30.	621113106031	MEENA V
31.	621113106032	MEENAKSHI R
32.	621113106033	MUTHULAKSHMI
33.	621113106035	NANDHINI M
34.	621113106036	NITHYA R
35.	621113106037	OOVIYA M
36.	621113106038	PAVITHRA P
37.	621113106039	PAVITHRA S K

Wani
BY R. GURUMANI, M.E., Ph.D., M.B.A., M.ITE., F.I.E.
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IDHAYA ENGG. COLLEGE FOR WOMEN
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Email ID: indhaya@iecw.edu.in

38.	621113106040	PRIYA G
39.	621113106041	PRIYA S
40.	621113106042	PRIYANKA A
41.	621113106043	RAMYA J
42.	621113106044	RAMYA V
43.	621113106045	RANGEELA R
44.	621113106046	RANJITHA B
45.	621113106047	REBEKAH ADLINE T
46.	621113106048	SABARISHWARI K
47.	621113106049	SANDHIYA V
48.	621113106050	SASI KALA S
49.	621113106051	SASIKALA A
50.	621113106052	SATHIYA M
51.	621113106053	SATHYA M
52.	621113106054	SHABANA J
53.	621113106057	SHINY CHRISTIYA S A
54.	621113106058	SIVARANJANI S
55.	621113106059	SIVARANJANI V
56.	621113106060	SIVASANGARI S
57.	621113106061	SIVASANKARI M
58.	621113106062	SOWMIYA N S
59.	621113106063	SREEMATHI J
60.	621113106064	SRI RAJESHWARI P
61.	621113106065	TAMILMANI S
62.	621113106066	THENMOZHI K V
63.	621113106067	UDHAYA BANU S
64.	621113106069	UMAMAGESHWARI R
65.	621113106070	VINITHA P
66.	621113106071	VIRGINIYA X
67.	621113106301	REVATHI
68.	621113106701	BENAZIR BEGUM

Course Co-ordinator

HOD

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Ref: IECW/EEE/SR/2016

Date: 19.08.2016

Add -on Course

Name of the Course: **Matlab Based on Signal and Image Processing**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/EEE

Registered Students

S. No	Roll No.	Name
1.	621113105001	ABIRAMI S
2.	621113105002	ANANTHI S
3.	621113105003	ARULMOZHI A
4.	621113105004	ASIGAADEVI A
5.	621113105005	AVILA JOWIN A
6.	621113105006	BALASARASWAT
7.	621113105007	DURGADEVI G
8.	621113105008	ELAKIYA S
9.	621113105009	GAYATHRI A
10.	621113105010	IRFANA ANJUM K
11.	621113105011	JAYALAKSHMI P
12.	621113105013	KIRUBA M
13.	621113105014	KIRUBASRI S
14.	621113105015	KOHILA G
15.	621113105016	LAVANYA A
16.	621113105017	LOYALA
17.	621113105018	MARIA MONICA E
18.	621113105019	NATHIYA N
19.	621113105020	NIVETA E
20.	621113105021	NIVETHA G
21.	621113105022	NIVETHA S
22.	621113105023	PAVEENA P
23.	621113105024	POOMANI I
24.	621113105025	PRAVEENA A
25.	621113105026	PREETHI D
26.	621113105027	PRIYANGA R
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33.	621113105034	TAMILMOZHI P
34.	621113105035	VENNILA K
35.	621113105036	VIDHYA R
36.	621113105037	VINOTHINI M

[Signature]
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CHINNASALEM, 606 201, KALLAKURICHY

[Signature]

Course Co-ordinator

[Signature]

HOD



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Ref: IECW/ECE/SAL/2016

Date: 22.08.2016

Add - on Course

Name of the Course: **Matlab Based on Signal and Image Processing**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/ECE

Students Attendance List

S. No	Roll No.	Name	22.08.2016	23.08.2016	24.08.2016	25.08.2016	26.08.2016	27.08.2016
1.	621113106001	ABINANDHINI G	/	/	/	/	/	/
2.	621113106002	ABIRAMI A	/	/	/	/	/	/
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33.	621113106035	NANDHINI M	/	/	/	/	/	/
34.	621113106036	NITHYA R	/	/	/	/	/	/
35.	621113106037	OVIYA M	/	/	/	/	/	/
36.	621113106038	PAVITHRA P	/	/	/	/	/	/
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Dr. R. GURUMANI, M.E., Ph.D., M.B.A., MISTE., F.I.E.,
PRINCIPAL

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46.	621113106048	SABARISHWARI K	/	/	/	/	/	/
47.	621113106049	SANDHIYA V	/	/	/	/	/	/
48.	621113106050	SASI KALA S	/	/	/	/	/	/
49.	621113106051	SASIKALA A	/	/	/	/	/	/
50.	621113106052	SATHIYA M	/	/	/	/	/	/
51.	621113106053	SATHYA M	/	/	/	/	/	/
52.	621113106054	SHABANA J	/	/	/	/	/	/
53.	621113106057	SHINY CHRISTIYA S A	/	/	/	/	/	/
54.	621113106058	SIVARANJANI S	/	/	/	/	/	/
55.	621113106059	SIVARANJANI V	/	/	/	/	/	/
56.	621113106060	SIVASANGARI S	/	/	/	/	/	/
57.	621113106061	SIVASANKARI M	/	/	/	/	/	/
58.	621113106062	SOWMIYA N S	/	/	/	/	/	/
59.	621113106063	SREEMATHI J	/	/	/	/	/	/
60.	621113106064	SRI RAJESHWARI P	/	/	/	/	/	/
61.	621113106065	TAMILMANI S	/	/	/	/	/	/
62.	621113106066	THENMOZHI K V	/	/	/	/	/	/
63.	621113106067	UDHAYA BANU S	/	/	/	/	/	/
64.	621113106069	UMAMAGESHWARI R	/	/	/	/	/	/
65.	621113106070	VINITHA P	/	/	/	/	/	/
66.	621113106071	VIRGINIYA X	/	/	/	/	/	/
67.	621113106301	REVATHI	/	/	/	/	/	/
68.	621113106701	BENAZIR BEGUM	/	/	/	/	/	/

Course Co-ordinator

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 OT



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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SAL/2016

Date: 22.08.2016

Add -on Course

Name of the Course: **Matlab Based on Signal and Image Processing**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/EEE

Students Attendance List

S. No	Roll No.	Name	22.08.2016	23.08.2016	24.08.2016	25.08.2016	26.08.2016	27.08.2016
1.	621113105001	ABIRAMI S	/	/	/	/	/	/
2.	621113105002	ANANTHI S	/	/	/	/	/	/
3.	621113105003	ARULMOZHI A	/	/	/	/	/	/
4.	621113105004	ASIGAADEVI A	/	/	/	/	/	/
5.	621113105005	AVILA JOWIN A	/	/	/	/	/	/
6.	621113105006	BALASARASWAT	/	/	/	/	/	/
7.	621113105007	DURGADEVI G	/	/	/	/	/	/
8.	621113105008	ELAKIYA S	/	/	/	/	/	/
9.	621113105009	GAYATHRI A	/	/	/	/	/	/
10.	621113105010	IRFANA ANJUM K	/	/	/	/	/	/
11.	621113105011	JAYALAKSHMI P	/	/	/	/	/	/
12.	621113105013	KIRUBA M	/	/	/	/	/	/
13.	621113105014	KIRUBASRI S	/	/	/	/	/	/
14.	621113105015	KOHILA G	/	/	/	/	/	/
15.	621113105016	LAVANYA A	/	/	/	/	/	/
16.	621113105017	LOYALA	/	/	/	/	/	/
17.	621113105018	MARIA MONICA E	/	/	/	/	/	/
18.	621113105019	NATHIYA N	/	/	/	/	/	/
19.	621113105020	NIVETA E	/	/	/	/	/	/
20.	621113105021	NIVETHA G	/	/	/	/	/	/
21.	621113105022	NIVETHA S	/	/	/	/	/	/
22.	621113105023	PAVEENA P	/	/	/	/	/	/
23.	621113105024	POOMANI I	/	/	/	/	/	/
24.	621113105025	PRAVEENA A	/	/	/	/	/	/
25.	621113105026	PREETHI D	/	/	/	/	/	/
26.	621113105027	PRIYANGA R	/	/	/	/	/	/
27.	621113105028	PRIYANKA A	/	/	/	/	/	/
28.	621113105029	REKHA P	/	/	/	/	/	/
29.	621113105030	SAVITHRI R	/	/	/	/	/	/
30.	621113105031	SIVSANKARI M	/	/	/	/	/	/
31.	621113105032	SOWMIYA T	/	/	/	/	/	/
32.	621113105033	SURYA	/	/	/	/	/	/
33.	621113105034	TAMILMOZHI P	/	/	/	/	/	/
34.	621113105035	VENNILA K	/	/	/	/	/	/
35.	621113105036	VIDHYA R	/	/	/	/	/	/
36.	621113105037	VINOTHINI M	/	/	/	/	/	/

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

HO



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Email ID: idhaya@iecw.edu.in


Ref: IECW/EEE/ER/2016

Date: 31.08.2016


Event Report

Name of Activity: Add-on Course: Matlab Based on Signal and Image Processing			
Organized by: Electrical and Electronics Engineering.			
Date: 22-08 -2016 to 27-08- 2016		Total Participants: 104	
Resource Person:			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mr.V.Karthikeyan	Assistant Professor.	Electrical and Electronics Engineering, IECW, Chinnasalem.
<p>For sharing the knowledge, The Department of Electrical and Electronics Engineering, Idhaya Engineering College for Women, Chinnasalem, conducted Add on Course on "Matlab Based on Signal and Image Processing" from 22-08 -2016 to 27-08-2016 . Mr.V.Karthikeyan, Assistant Professor /EEE were the resource person. The students from final year EEE & ECE actively attended the course. The course ended with an outcome of students able to understand how signals, images, and data are represented and manipulated in MATLAB, experienced with methods for data visualization, including high dimensional datasets in MATLAB, can apply machine learning methods for data classification and prediction in MATLAB, learned essential signal frequency analysis and image processing methods in MATLAB.</p>			


Course Coordinator


HOD


Principal


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



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Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/ML/2016

Date: 31.08.2016

Add -on Course

Name of the Course: **Matlab Based on Signal and Image Processing**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/ECE

Mark List

S. No	Roll No.	Name	Marks
1.	621113106001	ABINANDHINI G	42
2.	621113106002	ABIRAMI A	43
3.	621113106003	ANGEL VINITHA A	44
4.	621113106004	ANUSUYA M	44
5.	621113106005	AROCKIA INNOCENTIA	46
6.	621113106006	BAKKIYA LAKSHMI T	48
7.	621113106007	BHARATHI S	38
8.	621113106008	CHANDIRAVATHANA R	39
9.	621113106009	CHANDRA KALA V	40
10.	621113106010	CHANDRA MEKALA V	37
11.	621113106011	DHIVYABHARATHY K	41
12.	621113106013	GEERTHANADEV I M	43
13.	621113106014	GIRIJA V	46
14.	621113106015	GOMATHI G	44
15.	621113106016	JANANI R	48
16.	621113106017	JAYALAKSHMI S	40
17.	621113106018	JAYASREE P	41
18.	621113106019	JEEVITHA R	40
19.	621113106020	KALPANA V	38
20.	621113106021	KEERTHANA DEVI D	37
21.	621113106022	KIRUTHIKA S	39
22.	621113106023	KRITHIKA D	42
23.	621113106024	LATHA M	39
24.	621113106025	LAVANYA S	44
25.	621113106026	LOGAMBAL R	40
26.	621113106027	LOURDU ANITHMERCY T	43
27.	621113106028	MANGANI K	42
28.	621113106029	MANI MEGALAI S	43
29.	621113106030	MANJULA G	44
30.	621113106031	MEENA V	44
31.	621113106032	MEENAKSHI R	46
32.	621113106033	MUTHULAKSHMI T	48
33.	621113106035	NANDHINI M	38
34.	621113106036	NITHYA R	39

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

35.	621113106037	OOVIYA M	46
36.	621113106038	PAVITHRA P	48
37.	621113106039	PAVITHRA S K	37
38.	621113106040	PRIYA G	39
39.	621113106041	PRIYA S	42
40.	621113106042	PRIYANKA A	39
41.	621113106043	RAMYA J	44
42.	621113106044	RAMYA V	40
43.	621113106045	RANGEELA R	43
44.	621113106046	RANJITHA B	39
45.	621113106047	REBEKAH ADLINE T	44
46.	621113106048	SABARISHWARI K	46
47.	621113106049	SANDHIYA V	43
48.	621113106050	SASI KALA S	38
49.	621113106051	SASIKALA A	45
50.	621113106052	SATHIYA M	47
51.	621113106053	SATHYA M	40
52.	621113106054	SHABANA J	41
53.	621113106057	SHINY CHRISTIYA S A	42
54.	621113106058	SIVARANJANI S	43
55.	621113106059	SIVARANJANI V	44
56.	621113106060	SIVASANGARI S	44
57.	621113106061	SIVASANKARI M	46
58.	621113106062	SOWMIYA N S	48
59.	621113106063	SREEMATHI J	38
60.	621113106064	SRI RAJESHWARI P	39
61.	621113106065	TAMILMANI S	40
62.	621113106066	THENMOZHI K V	37
63.	621113106067	UDHAYA BANU S	48
64.	621113106069	UMAMAGESHWARI R	45
65.	621113106070	VINITHA P	44
66.	621113106071	VIRGINIYA X	46
67.	621113106301	REVATHI	40
68.	621113106701	BENAZIR BEGUM	41

Course Co-ordinator

HOD

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

PRINCIPAL

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Ref: IECW/EEE/ML/2016

Date: 31.08.2016

Add-on Course

Name of the Course: **Matlab Based on Signal and Image Processing**

Academic Year: 2016-2017

Course Duration: 22-08 -2016 to 27-08- 2016 (36 hours)

Year/Dept.: IV/EEE

Mark List

S. No	Roll No.	Name	Marks
1.	621113105001	ABIRAMI S	44
2.	621113105002	ANANTHI S	46
3.	621113105003	ARULMOZHI A	40
4.	621113105004	ASIGAADEVI A	41
5.	621113105005	AVILA JOWIN A	42
6.	621113105006	BALASARASWATHI DEVLP	39
7.	621113105007	DURGADEVI G	38
8.	621113105008	ELAKIYA S	45
9.	621113105009	GAYATHRI A	47
10.	621113105010	IRFANA ANJUM K	42
11.	621113105011	JAYALAKSHMI P	46
12.	621113105013	KIRUBA M	48
13.	621113105014	KIRUBASRI S	46
14.	621113105015	KOHILA G	43
15.	621113105016	LAVANYA A	40
16.	621113105017	LOYALA SHASHINI	38
17.	621113105018	MARIA MONICA E	45
18.	621113105019	NATHIYA N	47
19.	621113105020	NIVETA E	40
20.	621113105021	NIVETHA G	41
21.	621113105022	NIVETHA S	42
22.	621113105023	PAVEENA P	43
23.	621113105024	POOMANI I	44
24.	621113105025	PRAVEENA A	44
25.	621113105026	PREEETHI D	46
26.	621113105027	PRIYANGA R	48
27.	621113105028	PRIYANKA A	38
28.	621113105029	REKHA P	39
29.	621113105030	SAVITHRI R	40
30.	621113105031	SIVSANKARI M	37
31.	621113105032	SOWMIYA T	43

Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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32.	621113105033	SURYA	44
33.	621113105034	TAMILMOZHI P	46
34.	621113105035	VENNILA K	40
35.	621113105036	VIDHYA R	41
36.	621113105037	VINOTHINI M	

Course Co-ordinator

HOD

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

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CERTIFICATE OF COMPLETION

This is to Certify that.....*Girija :D*.....
studying*IV - ECE*..... has successfully completed*36 hours*..... Add-on Course
on.....*Matlab Based on Signal and Image Processing*..... conducted by the Department of
.....*EEE*..... from *22.08.2016* to *27.08.2016*.. In the academic year ...*2016*...*2017*.....

Course co-ordinator

HOD

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



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CERTIFICATE OF COMPLETION

This is to Certify that.....Angel Vinitha : A.....
 studyingIV - ECE..... has successfully completed36 hours..... Add-on Course
 on.....Matlab Based on Signal and Image Processing..... conducted by the Department of
EEE..... from 22.08.2016 to 27.08.2016.. In the academic year ...2016 - 2017.....

Course co-ordinator

HOD

neeni
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.....D. Preethi.....
studyingIV - EEE..... has successfully completed36 hours..... Add-on Course
on.....Matlab Based on Signal and Image Processing..... conducted by the Department of
.....EEE..... from 22.08.2016 to 27.08.2016..... In the academic year2016 - 2017..

Course co-ordinator

HOD

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

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Principal



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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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UNDERSTANDING AND VISUALIZING DATA WITH PYTHON



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/CSE/RL/2016

Date: 16.08.2016

Requisition Letter

To:

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

Through :

Head of the Department,
Department of Computer Science and Engineering.


Sub: Request for conducting a 48 hours Add- on Course.


Dear Sir,

I, Mr.S.Jaya Prakash, Assistant Professor, in the Department of Computer Science and Engineering, would like to conduct a 48 hours add-on Course with the objective of this course, learners will be introduced to the field of statistics, including where data come from, study design, data management, and exploring and visualizing data. Learners will identify different types of data, and learn how to visualize, analyze, and interpret summaries for both univariate and multivariate data. Students will also be introduced to the differences between probability and non-probability sampling from larger populations, the idea of how sample estimates vary, and how inferences can be made about larger populations based on probability sampling on "Understanding and Visualizing Data with Python" from 19, 20-26,27-08-2016 to 2,3-9,10-09-2016 for third year CSE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely


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


(Mr. S. Jaya Prakash)



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/2016

Date: 12.08.2016

Add-on Course

Name of the Course: **Understanding and Visualizing Data with Python**

Academic Year: 2016-2017

Course Objectives: In this course, learners will be introduced to the field of statistics, including where data come from, study design, data management, and exploring and visualizing data. Learners will identify different types of data, and learn how to visualize, analyze, and interpret summaries for both univariate and multivariate data. Learners will also be introduced to the differences between probability and non-probability sampling from larger populations, the idea of how sample estimates vary, and how inferences can be made about larger populations based on probability sampling.

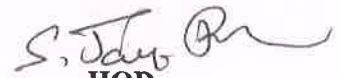
Topic to be covered:


1. Introduction To Data	9
2. Univariate Data	9
3. Multivariate Data	9
4. Populations and Samples	9

Total Hours 36

Course Outcomes: At the end of each week, learners will apply the statistical concepts they've learned using Python within the course environment. During these lab-based sessions, learners will discover the different uses of Python as a tool, including the Numpy, Pandas, Statsmodels, Matplotlib, and Seaborn libraries.


Course Co-ordinator.


HOD


Dr. R. GURURAMANI, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.C.T.E.
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Email ID: indhaya@iecw.edu.in

Ref: IECW/CSE/CIR/2016

Date: 17.08.2016

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

The Department of Computer Science And Engineering is offering "Understanding and Visualizing Data with Python" as add - on Course for third year CSE students from 19, 20-26,27-08-2016 to 2,3-9,10-09-2016 for the academic year 2016-2017. Mr.S.Jaya Prakash, Assistant Professor /CSE will coordinate this course. Interested students can enrol their name for the Course with Mr. S.Jaya Prakash.

S. Jaya Prakash
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 CSE class.

M. S. G. GURUMATHI
DIPLOMA IN COMPUTER SCIENCE, M.CA, P.H.D., M.B.A., M.I.S.TE., F.I.E.,
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI DT.

Add-on Course

On

**“Understanding and Visualizing
Data with Python”**

19, 20-26, 27-08-2016 to 2,3-9,10-09-2016

Mr.S.Jaya Prakash

Assistant Professor, CSE /IECW

Venue: LH 11- IECW



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

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

Phone: 04151-258325

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.

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 9001:2008 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, learners will be introduced to the field of statistics, including where data come from, study design, data management, and exploring and visualizing data. Learners will identify different types of data, and learn how to visualize, analyze, and interpret summaries for both univariate and multivariate data. Learners will also be introduced to the differences between probability and non-probability sampling from larger populations, the idea of how sample estimates vary, and how inferences can be made about larger populations based on probability sampling.

PARTICIPANTS:

Third Year CSE Students.

IMPORTANT DATES:

Last Date of Registration: 18.08.2016



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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/CSE/SR/2016

Date: 18.08.2016

Add-on Course

Name of the Course: **Understanding and Visualizing Data with Python**

Academic Year: 2016-2017

Course Duration: 19, 20-26, 27-08-2016 to 2,3-9,10-09-2016 (48 hours)

Year/Dept.: III/CSE

Registered Students

S. No	Roll No.	Name
1.	621114104001	AARTHI J W
2.	621114104002	AKILA A
3.	621114104003	AMBIKA D
4.	621114104005	ARULVANI.S
5.	621114104006	DHIVYABHARATHI.T
6.	621114104007	ELIZABETH SMILA.F
7.	621114104008	EMALDAMARY.A
8.	621114104009	FOWMITHA.J
9.	621114104010	GANGA.P
10.	621114104011	GAYATHRI M
11.	621114104012	GAYATHRI.T
12.	621114104013	GIRIJA S
13.	621114104014	GOKILADEVI S
14.	621114104015	GUNAVATHI B
15.	621114104016	JAYANTHI K
16.	621114104017	KISHAKIRAN.K
17.	621114104018	KOWSALYA.P
18.	621114104019	LAKSHMI.R
19.	621114104020	MADHURA.S
20.	621114104021	MALARVIZHI M
21.	621114104022	MAREESWARI
22.	621114104023	MERLIN CLARA.A
23.	621114104024	MOHANA M
24.	621114104025	MONICA.R
25.	621114104026	NAGALAKSHMI S
26.	621114104028	PERIYANAYAKI
27.	621114104029	RATHINA PRIYA R
28.	621114104030	RENUKADEVI A
29.	621114104031	SANGEETHA K M
30.	621114104032	SARANYA G
31.	621114104033	SHALINI B
32.	621114104034	SOUNDARYA.S
33.	621114104035	SUBASHINI A
34.	621114104036	SUBASRI D
35.	621114104038	SUGAPRIYA D
36.	621114104039	SUJITHA.S
37.	621114104040	THILAGAVATHI R

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



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39.	621114104043	UTHIRAMBAL S
40.	621114104044	VANAJA A
41.	621114104045	VASANTHAPRIYA C
42.	621114104301	KARKUZHALI
43.	621114104701	PRAGATHI


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/CSE/SAL/2016

Date: 19.08.2016

Add-on Course

Name of the Course: **Understanding and Visualizing Data with Python**

Academic Year: 2016-2017

Course Duration: 19, 20-26, 27-08-2016 to 2,3-9,10-09-2016 (48 hours)

Year/Dept.: III/CSE

Students Attendance List

S. No	Roll No.	Name	19.08.2016	20.08.2016	26.08.2016	27.08.2016	02.09.2016	03.09.2016	09.09.2016	10.09.2016
1.	621114104001	AARTHI J W	/	/	/	/	/	/	/	/
2.	621114104002	AKILA A	/	/	/	/	/	/	/	/
3.	621114104003	AMBIKA D	/	/	/	/	/	/	/	/
4.	621114104005	ARULVANI.S	/	/	/	/	/	/	/	/
5.	621114104006	DHIVYABHARATHI.T	/	/	/	/	/	/	/	/
6.	621114104007	ELIZABETH SMILA.F	/	/	/	/	/	/	/	a
7.	621114104008	EMALDAMARY.A	/	/	/	/	/	/	/	/
8.	621114104009	FOWMITHA.J	/	/	/	/	/	/	/	/
9.	621114104010	GANGA.P	/	/	/	/	/	/	/	/
10.	621114104011	GAYATHRI M	/	/	/	/	/	/	/	/
11.	621114104012	GAYATHRI.T	a	/	/	/	/	/	/	/
12.	621114104013	GIRIJA S	/	/	/	/	/	/	/	/
13.	621114104014	GOKILADEVI S	/	/	/	/	/	/	/	/
14.	621114104015	GUNAVATHI B	/	/	/	/	/	/	/	/
15.	621114104016	JAYANTHI K	/	/	/	/	/	/	/	/
16.	621114104017	KISHAKIRAN.K	/	/	/	/	/	/	/	/
17.	621114104018	KOWSALYA.P	/	/	/	/	/	/	/	/
18.	621114104019	LAKSHMI.R	/	/	/	/	/	/	/	/
19.	621114104020	MADHURA.S	/	/	/	/	/	/	/	/
20.	621114104021	MALARVIZHI M	/	/	/	/	/	/	/	/
21.	621114104022	MAREESWARI	/	/	/	/	/	/	/	/
22.	621114104023	MERLIN CLARA.A	/	/	/	/	/	/	/	/
23.	621114104024	MOHANA M	/	/	/	/	/	/	/	/
24.	621114104025	MONICA.R	/	/	/	/	/	/	/	/
25.	621114104026	NAGALAKSHMI S	/	/	/	/	/	/	/	/
26.	621114104028	PERIYANAYAKI	/	a	/	/	/	/	/	/
27.	621114104029	RATHINA PRIYA R	/	/	/	/	/	/	/	/
28.	621114104030	RENUKADEVI A	/	/	/	/	/	/	/	/
29.	621114104031	SANGEETHA K M	/	/	/	/	/	/	/	/
30.	621114104032	SARANYA G	/	/	/	/	/	/	/	/
31.	621114104033	SHALINI B	/	/	/	/	/	/	/	/
32.	621114104034	SOUNDARYA.S	/	/	/	/	/	/	/	/
33.	621114104035	SUBASHINI A	/	/	/	/	/	/	/	/
34.	621114104036	SUBASRI J	/	/	/	/	/	/	/	/
35.	621114104038	SUGAPRIYA D	/	/	/	/	/	/	a	/
36.	621114104039	SUJITHA.S	/	/	/	/	/	/	/	/
37.	621114104040	THILAGAVATHI R	/	/	/	/	/	/	/	/

DR. R. GURURAJAN, M.E., Ph.D., M.A., MISTE, F.Y.
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39.	621114104043	UTHIRAMBAL S	/	/	/	/	/	/	/	/
40.	621114104044	VANAJA A	/	/	/	/	/	/	/	/
41.	621114104045	VASANTHAPRIYA C	/	/	/	/	/	/	/	/
42.	621114104301	KARKUZHALI	/	/	/	/	/	/	/	/
43.	621114104701	PRAGATHI	/	/	/	/	/	/	/	/

S. Jay. R.

Course Co-ordinator

S. Jay. R.

HOD

M. R. G.
DI. R. GURUKRISHNAN, M.E., Ph.D., M.B.A., M.I.S.T.E., F.I.E.,
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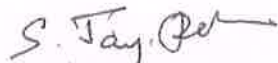
Email ID: idhaya@iecw.edu.in

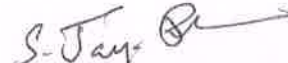
Ref: IECW/ CSE/ER/2016

Date: 13.09.2016

Event Report

Name of Activity: Add on Course: Understanding and Visualizing Data with Python			
Organized by: Department of Computer Science and Engineering.			
Date: 19,20-26,27-08-2016- 2,3-9'10-09-2016		Total Participants: 43	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mr.S.Jaya Prakash	Assistant Professor.	Department of Computer Science and Engineering, IECW, Chinnasalem.
<p>For the benefits of student's, The Department of Computer Science and Engineering, Idhaya Engineering College for Women, Chinnasalem, conducted a 48 hours Add-on Course on "Understanding and Visualizing Data with Python" from 19,20-26,27-08-2016- 2,3-9'10-09-2016. Mr. S.Jaya Prakash, Assistant Professor /CSE were the resource person. The students from third year CSE enthusiastically attended the course. The course ended with an outcome of the students can apply the statistical concepts they've learned using Python within the course environment. During these lab-based sessions, learners will discover the different uses of Python as a tool, including the Numpy, Pandas, Statsmodels, Matplotlib, and Seaborn libraries.</p>			


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/CSE/ML/2016

Date: 12.09.2016

Add-on Course

Name of the Course: **Understanding and Visualizing Data with Python**

Academic Year: 2016-2017

Course Duration: 19, 20-26, 27-08-2016 to 2, 3-9, 10-09-2016 (48 hours)

Year/Dept.: III/CSE

Mark List

S. No	Roll No.	Name	Marks ⁵⁰
1.	621114104001	AARTHI J W	38
2.	621114104002	AKILA A	39
3.	621114104003	AMBIKA D	37
4.	621114104005	ARULVANI.S	42
5.	621114104006	DHIVYABHARATHI.T	45
6.	621114104007	ELIZABETH SMILA.F	47
7.	621114104008	EMALDAMARY.A	42
8.	621114104009	FOWMITHA.J	46
9.	621114104010	GANGA.P	48
10.	621114104011	GAYATHRI M	37
11.	621114104012	GAYATHRI.T	39
12.	621114104013	GIRIJA S	42
13.	621114104014	GOKILADEVI S	39
14.	621114104015	GUNAVATHI B	44
15.	621114104016	JAYANTHI K	40
16.	621114104017	KISHAKIRAN.K	45
17.	621114104018	KOWSALYA.P	41
18.	621114104019	LAKSHMI.R	42
19.	621114104020	MADHURA.S	43
20.	621114104021	MALARVIZHI M	44
21.	621114104022	MAREESWARI LAKSHMI D	44
22.	621114104023	MERLIN CLARA.A	46
23.	621114104024	MOHANA M	48
24.	621114104025	MONICA.R	38
25.	621114104026	NAGALAKSHMI S	39
26.	621114104028	PERIYANAYAKI JENIFER	40
27.	621114104029	RATHINA PRIYA R	37
28.	621114104030	RENUKADEVI A	41
29.	621114104031	SANGEETHA K M	43
30.	621114104032	SARANYA G	46
31.	621114104033	SHALINI B	44
32.	621114104034	SOUNDARYA.S	44
33.	621114104035	SUBASHINI A	46
34.	621114104036	SUBASRI J	40
35.	621114104038	SUGAPRIYA D	40
36.	621114104039	SUJITHA.S	38
37.	621114104040	THILAGAVATHI R	45

DR. SURESH K. ANAND, Ph.D., B.A., MISTE, FIC,
PRINCIPAL
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CHINNASALEM-606 201, KALAKURICHIT



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41.	621114104045	VASANTHAPRIYA C	42
42.	621114104301	KARKUZHALI	43
43.	621114104701	PRAGATHI	42

S. Jay. Per
Course Co-ordinator

S. Jay. Per
HOD

men
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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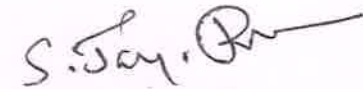
Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....P. Ganga.....
studyingIII - CBE..... has successfully completed48 hours..... Add-on Course
on.....Understanding and Visualizing Data with Python..... conducted by the Department of
.....CSE..... from ..19.08.2016.. to..10.09.2016.. In the academic year ..2016.....-2017.....


Course co-ordinator


HOD


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



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CERTIFICATE OF COMPLETION

This is to Certify that.....P. Monica.....
 studyingIII - CSE..... has successfully completed48 hours..... Add-on Course
 on.....Understanding and Visualizing Data with Python..... conducted by the Department of
CSE..... from 19.08.2016... to 10.09.2016... In the academic year 2016 - 2017.....

S. Jay. Ram
Course co-ordinator

S. Jay. Ram
HOD

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



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CERTIFICATE OF COMPLETION

This is to Certify that.....*D. Ambika*.....
studying*III - CSE*..... has successfully completed*48 hours*..... Add-on Course
on.....*Understanding and Visualizing Data with Python*..... conducted by the Department of
.....*CSE*..... from *19.08.2016* to *10.09.2016*. In the academic year*2016-2017*...

S. Jay. D.
Course co-ordinator

S. Jay. D.
HOD

R. Guramani
Or. R. GURUMANI, M.E., Ph.D., M.B.A., M.S.P.E., M.T.E.
Principal
PRINCIPAL
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CERTIFICATE OF COMPLETION

This is to Certify that.....*B. Shalini*.....
studying*III - CSE*..... has successfully completed*48 hours*..... Add-on Course
on.....*Understanding and Visualizing Data with Python*..... conducted by the Department of
.....*CSE*..... from *19.08.2016* to *10.09.2016*... In the academic year *2016 - 2017*.....

S. Jay. Per
Course co-ordinator

S. Jay. Per
HOD

R. G. Mani
Principal
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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2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

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PCB DESIGNING AND SIMULATION



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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/RL/2016

Date: 16.08.2016

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 conducting a 48 hours Add- on Course.

Dear Sir,

I, Sr. A. Jenitta, Assistant Professor, in the Department of Electronics and Communication Engineering, would like to conduct a 48 hours add-on Course with the objective of Become familiar with the simulation software, Learn to use Power logic and power PCB ,Setup parameters and simulate and Generate CAM files on "PCB Designing and Simulation" from 19, 20-26,27-08-2016 to 2,3-9,10-09-2016 for third year ECE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

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

Yours Sincerely

(Signature)
(Sr. A. Jenitta)

16 | 8 | 2016



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Website: www.iecw.edu.in

Email ID: idhaya@iecw.edu.in

Ref: IECW/ECE/CC/2016

Date: 16.08.2016

Add- On Course

Name of the Course: **PCB Designing and Simulation**

Academic Year: **2016-2017**

Course Objectives:


- Become familiar with the simulation software
- Learn to use Power logic and power PCB
- Setup parameters, simulate and Generate CAM Files

Module-I	Introduction to PCB Design, Power logic and Power PCB Tool: Introduction to PCB Design - Introduction to Power Logic software - Introduction to Power PCB software	12
Module II	Design of single sided, double Sided PCB Using through hole and SMD devices: Design of single sided PCB-Design of Double sided PCB -Design of Double sided PCB - Design of single sided PCB using SMD's-Design of single sided PCB with Copper pouring	12
Module III	New Part creation – CAE and PCB Decal Creation: Part creation – Creation of New CAE-Decal for Existing PCB Decal - Part creation – Creation of New CAE-Decal and PCB Decal	12
	Introduction to PCB design using Or CAD tool: Introduction to PCB Design using Or CAD tool	
Total Hours		36

Course Outcomes:

Students are familiarization of PCB Circuit Terminology and able to design a circuit and create a schematic Capture , Become proficient with computer skills (eg., Power logic and Power PCB) for drawing Schematic and PCB Layout , To Create PCB Art work and CAM Files To Create New part and to Fabricate a Prototype PCB.


Course Co-ordinator.


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


HOD



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: 2008 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/ECE/CIR/2016

Date: 17.08.2016

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

The Department of Electronics and Communication Engineering is offering "PCB Designing and Simulation" as add-on Course for third year ECE students from 19, 20-26,27-08-2016 to 2,3-9,10-09-2016 for the academic year 2016-2017. Sr. A. Jenitta, Assistant Professor /ECE will coordinate this course. Interested students can enrol their name for the Course with 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 third year ECE 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

“PCB Designing and Simulation”

19, 20-26, 27-08-2016 to 2,3-9,10-09-2016

Sr. A. Jenitta

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

PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM-606201, KALLAKURICHI DT.

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 9001:2008 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:

PCB Designing and Simulation is familiar with the simulation software, Learn to use Power logic and power PCB, Setup parameters and simulate and Generate CAM files.

PARTICIPANTS:

Third Year ECE Students.

IMPORTANT DATES:

Last Date of Registration: 18.08.2016



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/SR/2016

Date: 19.08.2016

Add -on Course

Name of the Course: **PCB Designing and Simulation**

Academic Year: 2016-2017

Course Duration 19, 20-26, 27-08-2016 to 2, 3-9, 10-09-2016 (48 hours)

Year/Dept.: III/ECE

Registered Students

S. No	Roll No.	Name
1.	621113106001	AKILA T
2.	621113106002	AKILA.K
3.	621113106003	AMUDHA P
4.	621113106005	ANGELMARTINA S
5.	621113106006	ANISHA.D
6.	621113106007	ANITHA.A
7.	621113106008	ANUSHIYA G
8.	621113106009	CHANDRA.D
9.	621113106010	DAISY A
10.	621113106011	DEEPA H
11.	621113106012	DHANA PRIYA P
12.	621113106013	DIVYA.S
13.	621113106014	FELICITA PRINCY X
14.	621113106015	HELEN PRABHA J
15.	621113106016	ISHWARYA.B
16.	621113106019	KAJAL.S
17.	621113106020	KANIMOZHI B
18.	621113106021	KARTHIKA.V
19.	621113106022	KAVITHA M
20.	621113106023	KAVIYA.R
21.	621113106024	KAWSHIKA R
22.	621113106025	KOWSALYA R
23.	621113106026	KOWSALYA.E
24.	621113106027	MAHALAKSHMI P
25.	621113106030	MEERA P C
26.	621113106031	NAMBIKKAI.A
27.	621113106032	OVIYA M
28.	621113106033	OVIYA.N
29.	621113106035	RAAMALAKSHMI.G
30.	621113106036	RUTHRA.E
31.	621113106037	SABITHA.S
32.	621113106038	SANDHIYA.R
33.	621113106039	SAVITHA S
34.	621113106040	SHANMUGAPRIYA.R
35.	621113106041	SIVASAKTHI.C
36.	621113106042	SNEHA S
37.	621113106043	SOUNDHARYA.H

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



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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

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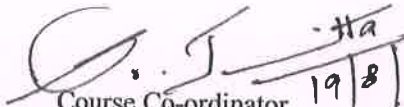
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Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

38.	621113106044	SOWMIYA S
39.	621113106045	STEPHY EMELDA B
40.	621113106047	UMAAMBIGAI.M
41.	621113106048	VIDHYA SREE.B
42.	621113106701	NIVEDHA S


Course Co-ordinator 19/8/16.


HOD


Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.S.T.C.,
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/2016

Date: 19.08.2016

Add-on Course

Name of the Course: PCB Designing and Simulation

Academic Year: 2016-2017

Course Duration 19, 20-26, 27-08-2016 to 2,3-9,10-09-2016 (48 hours)

Year/Dept.: III/ECE

Students Attendance List

S. No	Roll No.	Name	19.08.2016	20.08.2016	26.08.2016	27.08.2016	02.09.2016	03.09.2016	09.09.2016	10.09.2016
1.	621113106001	AKILA T	/	/	/	/	/	/	/	/
2.	621113106002	AKILA.K	/	/	/	/	/	/	/	/
3.	621113106003	AMUDHA P	/	/	/	/	/	/	/	/
4.	621113106005	ANGELMARTINA S	/	/	/	/	/	/	/	/
5.	621113106006	ANISHA.D	/	/	/	/	/	/	/	/
6.	621113106007	ANITHA.A	/	/	/	/	/	/	/	/
7.	621113106008	ANUSHIYA G	/	/	/	/	/	/	/	/
8.	621113106009	CHANDRA.D	/	/	/	/	/	/	/	/
9.	621113106010	DAISY A	/	/	/	/	/	/	/	/
10.	621113106011	DEEPA H	/	/	/	/	/	/	/	/
11.	621113106012	DHANA PRIYA P	/	/	/	/	/	/	/	/
12.	621113106013	DIVYA.S	/	/	/	/	/	/	/	/
13.	621113106014	FELICITA PRINCY X	/	/	/	/	/	/	/	/
14.	621113106015	HELEN PRABHA J	/	/	/	/	/	/	/	/
15.	621113106016	ISHWARYA.B	/	/	/	/	/	/	/	/
16.	621113106019	KAJAL.S	/	/	/	/	/	/	/	/
17.	621113106020	KANIMOZHI B	/	/	/	/	/	/	/	/
18.	621113106021	KARTHIKA.V	/	/	/	/	/	/	/	/
19.	621113106022	KAVITHA M	/	/	/	/	/	/	/	/
20.	621113106023	KAVIYA.R	/	/	/	/	/	/	/	/
21.	621113106024	KAWSHIKA R	/	/	/	/	/	/	/	/
22.	621113106025	KOWSALYA R	/	/	/	/	/	/	/	/
23.	621113106026	KOWSALYA.E	/	/	/	/	/	/	/	/
24.	621113106027	MAHALAKSHMI P	/	/	/	/	/	/	/	/
25.	621113106030	MEERA P C	/	/	/	/	/	/	/	/
26.	621113106031	NAMBIKKAI.A	/	/	/	/	/	/	/	/
27.	621113106032	OOVIYA M	/	/	/	/	/	/	/	/
28.	621113106033	OVIYA.N	/	/	/	/	/	/	/	/
29.	621113106035	RAAMALAKSHMI.G	/	/	/	/	/	/	/	/
30.	621113106036	RUTHRA.E	/	/	/	/	/	/	/	/
31.	621113106037	SABITHA.S	/	/	/	/	/	/	/	/
32.	621113106038	SANDHIYA.R	/	/	/	/	/	/	/	/
33.	621113106039	SAVITHA S	/	/	/	/	/	/	/	/
34.	621113106040	SHANMUGAPRIYA R	/	/	/	/	/	/	/	/
35.	621113106041	SIVASAKTHI.C	/	/	/	/	/	/	/	/
36.	621113106042	SNEHA S	/	/	/	/	/	/	/	/
37.	621113106043	SOUNDHARYA.H	/	/	/	/	/	/	/	/

D.R.GURUMANI, M.E., P.D., M.B.A., MSTE., FIG
 PRINCIPAL,
 IDHAYA ENGG. COLLEGE FOR WOMEN,
 CHINNASALEM, 606 201, KALLAKURICHI.



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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

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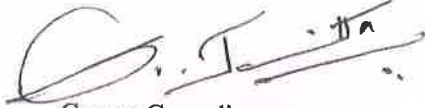
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Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

38.	621113106044	SOWMIYA S	/	/	/	/	/	/	/	/
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40.	621113106047	UMAAMBIGAI.M	/	/	/	/	/	/	/	/
41.	621113106048	VIDHYA SREE.B	/	/	/	/	/	/	/	/
42.	621113106701	NIVEDHA S	/	/	/	/	/	/	/	/


Course Co-ordinator


HOD

Manu
Dr. R. GURUBASINI, M.E., Ph.D., M.B.A., MISTE, P.T.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/ER/2016


Date: 13.09.2016

Event Report

Name of Activity: Add on Course: PCB Designing and Simulation			
Organized by: Electronics and Communication Engineering.			
Date:19,20-26,27-08-2016- 2,3-9'10-09-2016		Total Participants: 42	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Sr. A. Jenitta	Assistant Professor.	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 48 hours Add on Course on "PCB Designing and Simulation" from 19,20-26,27-08-2016- 2,3-9'10-09-2016. Sr. A. Jenitta, Assistant Professor /ECE were the resource person. The students from third year ECE eagerly attended the course. The course ended with an outcome of the students are familiarization of PCB Circuit Terminology and able to design a circuit and create a schematic Capture, Become proficient with computer skills (eg., Power logic and Power PCB) for drawing Schematic and PCB Layout, Create PCB Art work and CAM Files, Create New part and to Fabricate a Prototype PCB.</p>			


Course Co-ordinator 13/9/16


HOD


Principal

Dr. R. GURUMANI, M.E, Ph.D, M.B.A., M.ISTC
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/ML/2016

Date: 19.08.2016

Add - on Course

Name of the Course: **PCB Designing and Simulation**

Academic Year: 2016-2017

Course Duration 19, 20-26, 27-08-2016 to 2, 3-9, 10-09-2016 (48 hours)

Year/Dept.: III/ECE

Mark List

S. No	Roll No.	Name	Marks
1.	621113106001	AKILA T	43
2.	621113106002	AKILA.K	40
3.	621113106003	AMUDHA P	38
4.	621113106005	ANGELMARTINA S	45
5.	621113106006	ANISHA.D	47
6.	621113106007	ANITHA.A	40
7.	621113106008	ANUSHIYA G	41
8.	621113106009	CHANDRA.D	42
9.	621113106010	DAISY A	43
10.	621113106011	DEEPA H	42
11.	621113106012	DHANA PRIYA P	39
12.	621113106013	DIVYA.S	43
13.	621113106014	FELICITA PRINCY X	40
14.	621113106015	HELEN PRABHA J	38
15.	621113106016	ISHWARYA.B	45
16.	621113106019	KAJALS	47
17.	621113106020	KANIMOZHI B	40
18.	621113106021	KARTHIKA.V	41
19.	621113106022	KAVITHA M	42
20.	621113106023	KAVIYA.R	43
21.	621113106024	KAWSHIKA R	48
22.	621113106025	KOWSALYA R	38
23.	621113106026	KOWSALYA.E	39
24.	621113106027	MAHALAKSHMI P	40
25.	621113106030	MEERA P C	37
26.	621113106031	NAMBIKKAI.A	41
27.	621113106032	OOVIYA M	43
28.	621113106033	OVIYA.N	46
29.	621113106035	RAAMALAKSHMI.G	44
30.	621113106036	RUTHRA.E	48
31.	621113106037	SABITHA.S	40
32.	621113106038	SANDHIYA.R	41
33.	621113106039	SAVITHA S	40
34.	621113106040	SHANMUGAPRIYA R	38
35.	621113106041	SIVASAKTHI.C	37
36.	621113106042	SNEHA S	39
37.	621113106043	SOUNDHARYA.H	42

Principals
D.R. GURUKANL, M.E., B.D., M.B.A., M.I.S.T.E., F.E.
PRINCIPAL
IDHAYA ENGINEERING COLLEGE FOR WOMEN
CHINNASALEM-606 201, KALLAKURICHI



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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39.	621113106045	STEPHY EMELDA B	47
40.	621113106047	UMAAMBIGAI.M	44
41.	621113106048	VIDHYA SREE.B	39
42.	621113106701	NIVEDHA S	40

Course Co-ordinator

HOD

Dr. R. GURUMANTI, 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.



IDHAYA ENGINEERING COLLEGE FOR WOMEN


Chinnasalem – 606201, Villupuram Dt.

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

An ISO 9001: 2008 Certified Institution


CERTIFICATE OF COMPLETION

This is to Certify that.....Sabitha S.....
 studyingIII - ECE..... has successfully completed48 hours..... Add-on Course
 on.....PCB Desinging and Simulation..... conducted by the Department of
ECE..... from 19.08.2016... to 10.09.2016... In the academic year ...2016.....2017..


Course co-ordinator


HOD


Principal


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



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

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

An ISO 9001: 2008 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that..... J. Helen Prabha.....
 studying MI - ECE..... has successfully completed 48 hours..... Add-on Course
 on..... PCB Designing and Simulation..... conducted by the Department of
 ECE..... from 19.08.2016 to 10.09.2016. In the academic year 2016 - 2017 ..:


Course co-ordinator


HOD


Principal


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

CHINNASALEM



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.
An ISO 9001: 2008 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that..... B. Kajal.....
studying III - ECE..... has successfully completed 48 hours..... Add-on Course
on..... PCB Designing and Simulation..... conducted by the Department of
..... ECE..... from ..19.08.2016.. to ..10.09.2016.. In the academic year2016-2017.....


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

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

POWER DEVICES SELECTION, MAGNETIC DESIGN AND THERMAL CONSIDERATION FOR POWER SUPPLY



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/EEE/RL/2016

Date: 16.08.2016

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 48 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 48 hours add-on Course with the objective of This course is to familiarize the participating individuals with the practical and design aspects of power semiconductor devices and passive components, including their applications in various electronic systems. In order to provide a comprehensive understanding of selection of devices and power electronic circuit design considerations, coverage from the basic device physics to device structures and characteristics would be provided on "Power Devices Selection, Magnetic Design and Thermal Consideration For Power Supply" from 19, 20-26,27-08-2016 to 2,3-9,10-09-2016 for third year EEE students. In this regards, I request you to give permission for the Course.

Thanking you sir.

Yours Sincerely

M. S. M.
Dr. R. GURUMANI, M.E., Ph.D., M.B.A., M.ISTE. (IEE)
PRINCIPAL
IDHAYA ENGG. COLLEGE FOR WOMEN (Mr. C. Kumar)
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: 2008 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/2016

Date: 16.08.2016

Add-on Course

Name of the Course: **Power Devices Selection, Magnetic Design and Thermal Consideration for Power Supply**

Academic Year: 2016-2017



Course Objectives: This course is to familiarize the participating individuals with the practical and design aspects of power semiconductor devices and passive components, including their applications in various electronic systems. In order to provide a comprehensive understanding of selection of devices and power electronic circuit design considerations, coverage from the basic device physics to device structures and characteristics would be provided.

Module-I	Overview of Power Electronics and Semiconductor Physics: Introduction to power electronic systems-SMPS topologies (buck, boost, flyback), critical considerations, analog or digital control?-Overview of power switches-Power semiconductor physics	6
Module II	Power Diodes and Thyristors: Basic structures of power diodes-Thyristors, GTOs, MCTs-Physics of device operation-Static characteristics-Dynamic characteristics-Breakdown voltages-On-state and switching losses.	6
Module III	Power Transistors: Output stage design-Basic structures of -Power BJT, power MOSFET and insulated gate bipolar transistors-Physics of device operation-Static characteristics-Dynamic characteristics-Breakdown voltages-On-state and switching losses-Second breakdown and latch-up-Device limits and safe operating areas-Rating considerations, FOM, conversion efficiency	6
Module IV	Control and Protection of Devices: Applications and types of snubber circuits: turn-on, turn-off, over-voltage, energy recovery and active snubbers-Base drives for power BJT-Gate drives for MOS-gated devices	6
Module V	Passive Components and Magnetics: Power resistors-Heat transfer by conduction, convection and radiation-Heat sink design-Saturation and losses in magnetic cores-Inductor and transformer core selection and winding design-Power capacitor type, selection and loss computation	6
Module VI	Design Examples: Gate drive circuits with EMI suppression-Thermal management for multiphase DC-DC converters	6

Total Hours 36

Course Outcomes: After participating in this course, students is expected to gain a good understanding of the theory and industrial applications of power semiconductor and passive devices, their protection aspects, and their applications in power conversion techniques. Participants would be at ease with the selection of active and passive devices, designing control and protection circuits for them and planning the layout of power electronic circuits.


Course Co-ordinator.



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



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Ref: IECW/EEE/CIR/2016

Date: 17.08.2016

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

The Department of Electrical and Electronics Engineering is offering "Power Devices Selection, Magnetic Design and Thermal Consideration For Power Supply " as 48 hours Add-on Course for third year EEE students from 19, 20-26,27-08-2016 to 2,3-9,10-09-2016 for the academic year 2016-2017. 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 department staff members.
5. File.

CC To:

To read third year EEE class.


DR. A. J. ANANTH, 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

**“Power Devices Selection, Magnetic Design
and Thermal Consideration for Power
Supply”**

19, 20-26, 27-08-2016 to 2,3-9,10-09-2016

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 9001:2008 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:

This course is to familiarize the participating individuals with the practical and design aspects of power semiconductor devices and passive components, including their applications in various electronic systems. In order to provide a comprehensive understanding of selection of devices and power electronic circuit design considerations, coverage from the basic device physics to device structures and characteristics would be provided.

PARTICIPANTS:

Third Year EEE Students.

IMPORTANT DATES:

Last Date of Registration: 18.08.2016

Dr. R. GURURAJAN
PRINCIPAL, IECW
IDHAYA ENGG. COLLEGE FOR WOMEN
CHINNASALEM, CHENNAI



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SR/2016

Date: 18.08.2016

Add-on Course

Name of the Course: **Power Devices Selection, Magnetic Design and Thermal Consideration for Power Supply**

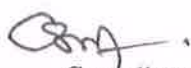
Academic Year: 2016-2017

Course Duration: 19, 20-26, 27-08-2016 to 2,3-9,10-09-2016 (48 hours)


Year/Dept.: III/EEE

Registered Students

S. No	Roll No.	Name
1.	621113105001	AMALIKRISHNA.P
2.	621113105002	ANITHA S
3.	621113105003	DELSI DAYANA MARY F
4.	621113105004	FAMITHA.A
5.	621113105005	INDUMATHI.V
6.	621113105006	INFANT CYRILLA J
7.	621113105007	JAGADESHWARI.M
8.	621113105008	JOSHMA JENIFER C
9.	621113105009	KANNAGI.K
10.	621113105010	KEERTHANA R
11.	621113105011	MAHA LAKSHMI S S
12.	621113105012	MOHANA PRIYA.P
13.	621113105013	MONIKA S
14.	621113105014	NAZIYA BEGUM.S
15.	621113105015	PACHAIYAMMAL.S
16.	621113105016	REVATHI.R
17.	621113105017	ROSELIN.K.M
18.	621113105018	SANGEETHA K
19.	621113105019	SANTHIYA.S
20.	621113105020	SARANYA.C
21.	621113105021	SHEELA K
22.	621113105022	SIVASAKTHI.C
23.	621113105023	SIVASAKTHI.C
24.	621113105024	SRIPRIYA.P
25.	621113105025	SUBASHINI V
26.	621113105026	SUREKA.S
27.	621113105027	SURYA. S
28.	621113105028	SWEDHASANDHILYA R
29.	621113105029	THASLIMA.J
30.	621113105030	VIMALI JOVITHA.C
31.	621113105031	ABINAYA T


Course Co-ordinator


HOD


R. G. UMANI, M.E., PH.D., M.B.A., MISTE., F.I.E.,
PRINCIPAL
IDHAYA ENGINEERING COLLEGE FOR WOMEN
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Email ID: idhaya@iecw.edu.in

Ref: IECW/EEE/SAL/2016

Date: 19.08.2016

Add-on Course

Name of the Course: Power Devices Selection, Magnetic Design and Thermal Consideration for Power Supply

Academic Year: 2016-2017

Course Duration: 19, 20-26, 27-08-2016 to 2,3-9,10-09-2016 (48 hours)

Year/Dept.: III/EEE

Students Attendance List

S. No	Roll No.	Name	19.08.2016	20.08.2016	26.08.2016	27.08.2016	02.09.2016	03.09.2016	09.09.2016	10.09.2016
1.	621113105001	AMALIKRISHNA.P	/	/	/	/	/	/	/	/
2.	621113105002	ANITHA S	/	/	/	/	/	/	/	/
3.	621113105003	DELSI DAYANA MARY F	/	/	/	/	/	/	/	/
4.	621113105004	FAMITHA.A	/	/	/	/	/	/	/	/
5.	621113105005	INDUMATHI.V	/	/	/	/	/	/	/	/
6.	621113105006	INFANT CYRILLA J	/	/	/	/	/	/	/	/
7.	621113105007	JAGADESHWARI.M	/	/	/	/	/	/	/	/
8.	621113105008	JOSHMA JENIFER C	/	/	/	/	/	/	/	/
9.	621113105009	KANNAGI.K	/	/	/	/	/	/	/	/
10.	621113105010	KEERTHANA R	/	/	/	/	/	/	/	/
11.	621113105011	MAHA LAKSHMI S S	/	a	/	/	/	/	/	/
12.	621113105012	MOHANA PRIYA.P	/	/	/	/	/	/	/	/
13.	621113105013	MONIKA S	/	/	/	/	/	/	/	/
14.	621113105014	NAZIYA BEGUM.S	/	/	/	/	/	/	/	/
15.	621113105015	PACHAIYAMMAL.S	/	/	/	/	/	/	/	/
16.	621113105016	REVATHI.R	/	/	/	/	/	/	/	/
17.	621113105017	ROSELIN.K.M	/	/	/	/	/	/	/	/
18.	621113105018	SANGEETHA K	/	/	/	/	/	/	/	/
19.	621113105019	SANTHIYA.S	/	/	/	/	a	/	/	/
20.	621113105020	SARANYA.C	/	/	/	/	/	/	/	/
21.	621113105021	SHEELA K	/	/	/	/	/	/	/	/
22.	621113105022	SIVASAKTHI C	/	/	/	/	/	/	/	/
23.	621113105023	SIVASAKTHI.C	/	/	/	/	/	/	/	/
24.	621113105024	SRIPRIYA.P	/	/	/	/	/	/	/	/
25.	621113105025	SUBASHINI V	/	/	/	/	/	/	/	/
26.	621113105026	SUREKA.S	/	/	/	/	/	/	/	/
27.	621113105027	SURYA. S	/	/	/	/	/	/	/	a
28.	621113105028	SWEDHASANDHILYA R	/	/	/	/	/	/	/	/
29.	621113105029	THASLIMA.J	/	/	/	/	/	/	/	/
30.	621113105030	VIMALI JOVITHA.C	/	/	/	/	/	/	/	/
31.	621113105031	ABINAYA T	/	/	/	/	/	/	/	/

Course Co-ordinator

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



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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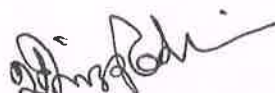
Ref: IECW/ EEE/ER/2016

Date: 13.09.2016


Event Report

Name of Activity: Add on Course: Power Devices Selection, Magnetic Design and Thermal Consideration For Power Supply.			
Organized by: Electrical and Electronics Engineering.			
Date:19,20-26,27-08-2016- 2,3-9'10-09-2016		Total Participants: 31	
Resource Person: Details			
S. No.	Name of the Resource Persons	Designation	Institution & Place
1.	Mr. C. Kumar	Assistant Professor.	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 Add on Course on "Power Devices Selection, Magnetic Design and Thermal Consideration For Power Supply" from 19,20-26,27-08-2016- 2,3-9'10-09-2016. Mr. C. Kumar, Assistant Professor /EEE were the resource person. The students from third year EEE eagerly attended the course. The course ended with an outcome of the students is expected to gain a good understanding of the theory and industrial applications of power semiconductor and passive devices, their protection aspects, and their applications in power conversion techniques. Participants would be at ease with the selection of active and passive devices, designing control and protection circuits for them and planning the layout of power electronic circuits</p>			


Course Co-ordinator


HOD


Principal


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

Ref: IECW/EEE/ML/2016

Date: 13.09.2016

Add -on Course

Name of the Course: **Power Devices Selection, Magnetic Design and Thermal Consideration for Power Supply**

Academic Year: 2016-2017

Course Duration: 19, 20-26, 27-08-2016 to 2, 3-9, 10-09-2016 (48 hours)

Year/Dept.: III/EEE

Mark List

S. No	Roll No.	Name	Marks
1.	621113105001	AMALIKRISHNA.P	45
2.	621113105002	ANITHA S	47
3.	621113105003	DELSI DAYANA MARY F	40
4.	621113105004	FAMITHA.A	41
5.	621113105005	INDUMATHI.V	42
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10.	621113105010	KEERTHANA R	48
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13.	621113105013	MONIKA S	40
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30.	621113105030	VIMALI JOVITHA.C	47
31.	621113105031	ABINAYA T	40

Course Co-ordinator

HOD



IDHAYA ENGINEERING COLLEGE FOR WOMEN

Chinnasalem – 606201, Villupuram Dt.


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CERTIFICATE OF COMPLETION

This is to Certify that.....K. Kannagi.....
studyingIII - EEE..... has successfully completed48 hours..... Add-on Course
on Power Devices.. Selection.. Magnetic Device.. & Thermal Consideration.. power Supply..... conducted by the Department of
.....EEE..... from 20.08.2016.. to 10.09.2016.... In the academic year2016 - 2017....


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.


Principal



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Chinnasalem – 606201, Villupuram Dt.

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CERTIFICATE OF COMPLETION

This is to Certify that.....P. Amal Krishna.....
studyingIII-EEE..... has successfully completed48 hours..... Add-on Course
on Power Devices Selection, Magnetic Device & Thermal Consideration Power Supply conducted by the Department of
.....EEE..... from 22.08.2016..... to 10.09.2016..... In the academic year2016.....2017.....

Cory
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: 2008 Certified Institution

CERTIFICATE OF COMPLETION

This is to Certify that.....K. Sheela.....
 studyingIII - EEE..... has successfully completed48 hours..... Add-on Course
 on Power Devices, Selection, Magnetic Device & Thermal Consideration Power Supply..... conducted by the Department of
EEE..... from ..20.08.2016.. to ..10.09.2016.. In the academic year2016.....2017..

[Signature]

Course co-ordinator

[Signature]

HOD

[Signature]

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

PRINCIPAL

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