



Kathir College of Engineering

[An institution run by Lamika Educational and Charitable Trust]

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"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore 641062

Phone: 0422-2203787, 2203778 | Fax: 08030723600 | Email: kathirce@gmail.com | Web: www.kathir.ac.in

1.2.2 Number of Add on /Certificate programs offered during the 2017-2018 year.

Course No.	Program Details	Page No
1.	JAVA and MySQL Server	1-9
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Date: 03.10.2017

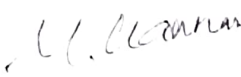
Circular

Sub : Certificate Program - Java and MYSQL Server

This is to inform third year students that the Department of Computer Science and Engineering is offering a free certificate programme on "**Java with MYSQL Server**". The course will be delivered by Mr.T.Rajendran, AsP/CSE, Angel College of Engineering and Technology, Tirupur. Students who intend to enroll in the course mentioned below should register your names to the course coordinator.

Name of the Add-on Course	Course Coordinator
Java and MYSQL Server	Mr.D.Ravi, AP/CSE and Mr.R.Manoj Kumar, AP/CSE
Commencement of Course from 09.10.2017 to 13.10.2017 Time : 9.00 am – 12.30 pm & 1.30 pm - 4.30 pm	


Course Coordinator

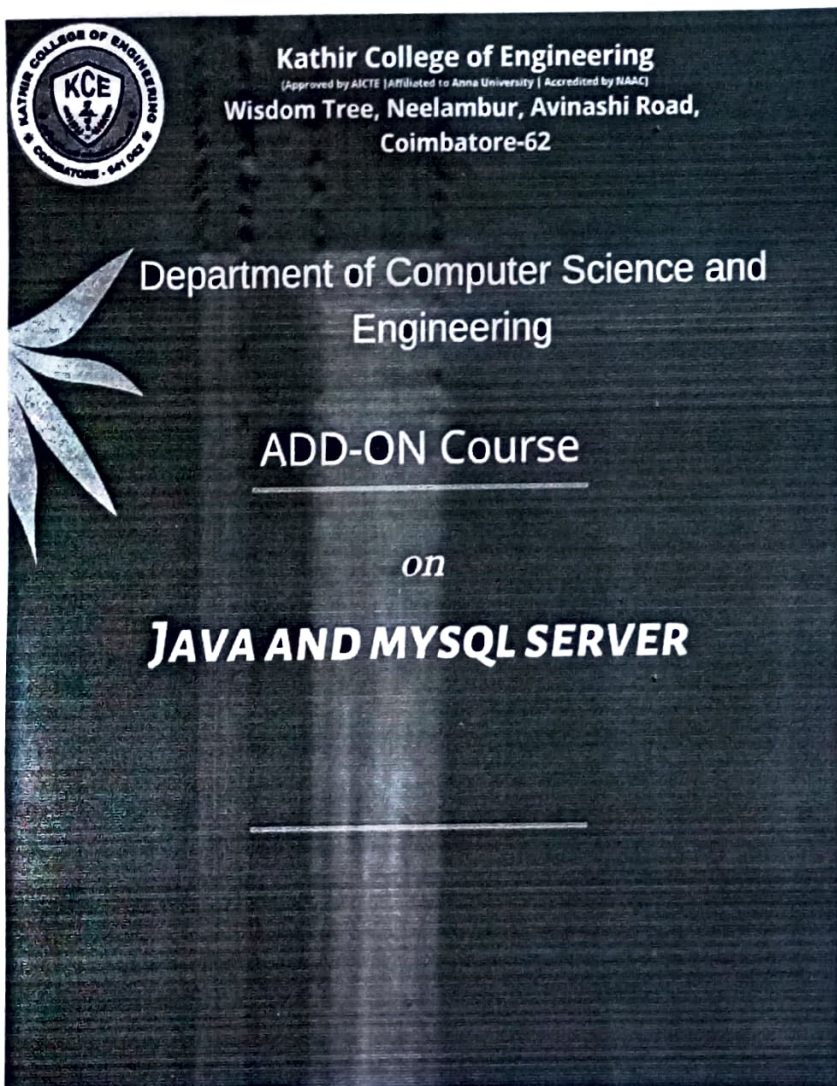

IQAC Coordinator


HoD/CSE


Principal




PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62.



RESOURCE PERSON:

Mr. T. Rajendran,
Associate Professor
SNS College of
Technology
Coimbatore-641035


VENUE:

IIT Bombay Hall

**09.30 AM to 12.30 PM
&
1.30 PM to 4.30 PM**

09 to 13 October 2017




Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Syllabus

Name of the Course : Java and MYSQL Server
Course Code : K17A101
Course Coordinator : Mr.D.Ravi,AsP/CSE and Mr.R.Manoj Kumar,AP/CSE
Total Hours : 30hrs
Academic Year : 2017-2018

Objective:

- To understand basic characteristics of Java
- To define exceptions and use I/O streams
- To develop a java application with threads and generic classes

Unit - I Basics Of JAVA & MYSQL

Overview of Java & MySQL - Environment Setup - Sample code - connections -
Exceptions - Statement - Prepared Statement - Callable Statement

Unit - II JAVA & MYSQL Result and Transactions

Result Set - Navigate Result - View Result Set - Update Result Set - Introduction to
Transactions - Commit & Rollback - SavePoint Transactions

Unit - III Batch Processing and Streaming

Batch Processing-Statement - Prepared Statement - Introduction to Streaming data -
Database Operations

Course outcomes

At the end of the course, the students should be able to:

- Develop Java programs with the concepts inheritance and interfaces
- Build Java application using exceptions and I/O streams

References:

1. Paul Deitel, Harvey Deitel, "Java SE 8 for programmers", 3rd Edition, Pearson, 2015.
2. Steven Holzner, —Java 2 Black book, Dreamtech press, 2011.
3. Timothy Budd, —Understanding Object-oriented programming with Java, Updated Edition, Pearson Education, 2000.



Course Coordinator



IQAC Coordinator



HoD/CSE



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Department of Computer Science and Engineering

Attendance Sheet

Name of the Course : Java and MYSQL Server

Course Code : K17A101

Course Coordinator : Mr.D.Ravi, AP/CSE and Mr.R.ManojKumar, AP/CSE

Total Hours : 30hrs

Academic Year : 2017-2018

S.No	Register no	Name of the student	09.10.2017	10.10.2017	11.10.2017	12.10.2017	13.10.2017	Revision & Test	Sign
1	711615104002	ALAGUMUTHU M	✓	✓	✓	✓	✓	✓	Alagumuthu M
2	711615104003	ANANTHI PRIYA S	✓	✓	✓	✓	✓	✓	S. Ananthi Priya
3	711615104004	ARUN KUMAR K	✓	✓	✓	✓	✓	✓	Arunkumar K
4	711615104005	ASHWIN D	✓	✓	✓	✓	✓	✓	Ashwin D
5	711615104006	BHUVANESWARI R	✓	✓	✓	✓	✓	✓	R Bhuvaneshwari
6	711615104007	BUVANASUNDHARI P	✓	✓	✓	✓	✓	✓	P. Buvanashundari
7	711615104008	CHANDRA PRAKASH S	✓	✓	✓	✓	✓	✓	Chandras
8	711615104009	DEVA ARASI S	✓	✓	✓	✓	✓	✓	Devas
9	711615104013	GANESH M	✓	✓	✓	✓	✓	✓	Ganesh M
10	711615104014	HARSHINI B	✓	✓	✓	✓	✓	✓	Harshini B
11	711615104016	JULIET MARY B	✓	✓	✓	✓	✓	✓	Juliet Mary B
12	711615104017	KARTHICK RAJA S	✓	✓	✓	✓	✓	✓	Karthick Raja S
13	711615104018	KEERTHI A	✓	✓	✓	✓	✓	✓	Keerthi A

14	711615104019	MADHAN KUMAR M	✓	✓	✓	✓	✓	✓	Madhan
15	711615104020	MALATHI M	✓	✓	✓	✓	✓	✓	Malathi
16	711615104021	MANJU PARKAVI N	a	✓	✓	✓	✓	✓	Manju
17	711615104023	MOHANAVANI S	✓	✓	✓	✓	✓	✓	Mohanavani
18	711615104025	PUNITAVATHI D	✓	a	✓	✓	✓	✓	Punitavathi
19	711615104026	RAMANI M	✓	✓	✓	✓	✓	✓	Ramani
20	711615104027	RAVINA T	✓	✓	✓	✓	✓	✓	Ravina
21	711615104028	RESHMA S	✓	✓	✓	✓	✓	✓	Reshma
22	711615104029	SANGEETHA R	✓	✓	✓	✓	✓	✓	Sangeetha
23	711615104030	SARAN E	✓	✓	✓	a	✓	✓	Saran
24	711615104031	SATHEESH S	✓	✓	✓	✓	✓	✓	Satheesh
25	711615104032	SHANMUGA PRIYA A	✓	✓	✓	✓	✓	✓	Shanmuga
26	711615104033	SHINU V	✓	a	✓	✓	✓	✓	Shinu
27	711615104034	SIVAKUMAR S	✓	✓	✓	✓	✓	✓	Sivakumar
28	711615104036	SURENDAR M	✓	✓	a	✓	✓	✓	Surender
29	711615104037	VAISHNAVI D	✓	✓	✓	✓	✓	✓	Vaishnavi
30	711615104038	VENKATESH V	✓	✓	✓	✓	✓	✓	Venkatesh
31	711615104039	VIKRAM G K	✓	✓	✓	✓	a	✓	Vikram
32	711615104041	YOGESHWARAN M	✓	✓	✓	✓	✓	✓	Yogeshwaran

J. Ravin
Course Coordinator

[Signature]
HoD/CSE

[Signature]
Principal



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Department of Computer Science and Engineering

One Page Report

Name of the Course : Java and MYSQL Server

Academic Year : 2017-2018

Course Code : K17A101

On "Java with MYSQL Server," a five-day add-on course, the Department of Computer Science and Engineering offered it from October 9 to October 13, 2017. Totally 32 students have attended the course.

This session on Java and MySQL Server was led by Mr. D. Ravi, AsP/CSE, and Mr. R. Manoj Kumar, AP/CSE, the course coordinator. These students will graduate from the programme with a variety of technical skills that are now in demand on the job market.

Course Coordinator

HoD/CSE

Principal



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CERTIFICATE OF COMPLETION

This is to certify that **CHANDRA PRAKASH S** of III year successfully completed the add-on course in **Java and MYSQL Server** conducted by the Department of Computer Science and Engineering in the academic year **2017 - 2018** during **09.10.2017 to 13.10.2017**.

Course Co-ordinator

HoD

Principal





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CERTIFICATE OF COMPLETION

This is to certify that **MADHAN KUMAR M** of **III** year successfully completed the add-on course in **Java and MYSQL Server** conducted by the Department of Computer Science and Engineering in the academic year **2017 - 2018** during **09.10.2017 to 13.10.2017**.

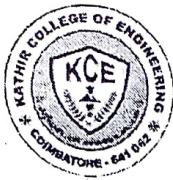

Course Co-ordinator


HoD




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Date: 13.02.2018

Circular

Sub : Certificate Program - PHP/VB.Net

It is planned to conduct a certification course on **PHP/VB.NET** for the benefit of II CSE students. The course resource person is Mr. INFANT RAJ IRUDAYARAJ, K. Ramakrishnan College of Engineering, Tiruchirappalli, and it is scheduled from 19.02.2018 to 23.02.2018 for 30 hours. The timings are 9 am – 12.30 pm & 1.30 pm - 4.30 pm.

All students must attend all classes without fail. The following faculty members are assigned to handle the course

S. No	Name of the Faculty	Designation
1	Ms.V.C.Nathiya	Assistant Professor
2	Ms.K.Karthika	Assistant Professor

Students who are completed the course successfully with good score will get the course completion certificate from the Institute/Department.

V.C. Nandiy
Course Coordinator

M. Cleannan
IQAC Coordinator

[Signature]
HoD/CSE

[Signature]
Principal



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Coimbatore-62

Department of Computer Science and Engineering

ADD-on Course on PHP/VB.Net

RESOURCE PERSON:

MR. R.INFANT RAJ IRUDAYARAJ,

ASSOCIATE PROFESSOR,

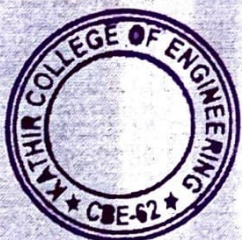
K. RAMAKRISHNA COLLEGE OF ENGINEERING,

TRICHY-621112.

Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal

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"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

19 TO 23 FEBRUARY 2018
VENUE: MBA SEMINAR



Time: 9.30 AM to 12.30 PM & 1.30 PM to 4.30 PM



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Syllabus

Name of the Course : PHP/VB.Net
Course Code : K17A102
Course Coordinator : Ms.V.C.Nathiya, AP/CSE and Ms.K.Karthika, AP/CSE
Total Hours : 30hrs
Academic Year : 2017-2018

Objective:

- To understand the Fundamentals of PHP Development.
- To use VB.NET.
- To understand the basics of VB.NET ARRAYS & Exception Handling.

Unit - I

Fundamentals of PHP Development

Various Data Types-Advanced PHP Functions-Classes-Objects-Advanced OOPS in PHP-
Various Database concepts-Cookies and Session Management-How to work with forms
and system files-Error Handling-Secure PHP Programming

Unit - II

VB.NET

Introduction-History-Features-Advantages-Disadvantages-VB.Net Program Structure,
Module, Classes — Hello World Example-VB.Net Data Types and Variable Declaration —

Definition and Explanation VB.Net Operators — Arithmetic, Comparison, Logical with Examples

Unit - III

VB.NET ARRAYS & Exception Handling

VB.Net Arrays — String, Dynamic with Examples-For Each...Next, Exit, Continue Statement in VB.net — Select...Case Statement in VB.Net with Example-VB.NET Exception Handling — Try...Catch...Finally, Throws, User Defined

Course outcomes

At the end of the course, the students should be able to:

- Design, formulate, and construct applications with VB.NET
- Integrate variables and constants into calculations applying VB.NET
- Determine logical alternatives with VB.NET decision structures
- Implement lists and loops with VB.NET controls and iteration

References:

1. Andrew Troelsen , "Pro C# 2010 and the .NET 4 Platform, Fifth edition, A Press, 2010.
2. Ian Griffiths, Matthew Adams, Jesse Liberty, "Programming C# 4.0", Sixth Edition, O'Reilly, 2010.

V.C. Nandiy
Course Coordinator

M. C. Gnanan
IQAC Coordinator

[Signature]
HoD/CSE



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 Department of Computer Science and Engineering

Attendance Sheet

Name of the Course :PHP/VB.Net

Course Code : K17A102

Course Coordinator :Ms.V.C.Nathiya, AP/CSE and Ms.K.Karthika, AP/CSE

Total Hours : 30hrs

Academic Year : 2017-2018

S.N O	Reg no	Name of the student	19.02.2018	20.02.2018	21.02.2018	22.02.2018	23.02.2018	Revision & Test	Sign
1	711616104001	ABILASH C	✓	✓	✓	✓	✓	✓	Abilash C
2	711616104002	ABIRAMI S	✓	✓	✓	✓	✓	✓	Abirami
3	711616104003	AKHIL KUMAR S	✓	✓	✓	✓	✓	✓	Akash
4	711616104005	BHARATHIKANN AN M	✓	✓	✓	✓	✓	✓	Bharath
5	711616104006	CHELLAPANDI C	✓	✓	✓	✓	✓	✓	Chellapandi
6	711616104007	DINESH P	✓	✓	✓	✓	✓	✓	Dinesh
7	711616104008	DIVYANAND D J	✓	✓	✓	✓	✓	✓	Divy
8	711616104010	GOKUL RAJ S	✓	✓	✓	✓	✓	✓	Gokul
9	711616104011	HARSHENI K	✓	✓	✓	✓	✓	✓	Harsheni
10	711616104012	HEMALATHA C N	✓	✓	✓	✓	✓	✓	Hemalatha
11	711616104013	JEEVITHA C	✓	✓	✓	✓	✓	✓	Jeevitha
12	711616104014	JOTHI M	✓	✓	✓	✓	✓	✓	Jothi
13	711616104016	KEERTHANA P	✓	✓	✓	✓	✓	✓	Keerthana
14	711616104017	KEERTHANA S	✓	✓	✓	✓	✓	✓	Keerthana
15	711616104018	KEERTHANA PRAKASH B	✓	✓	✓	✓	✓	✓	Keerthana

16	711616104019	KIRUBA N	/	/	/	/	/	/	<i>Calid</i>
17	711616104021	MANIBHARATH T	✓	✓	✓	✓	✓	✓	<i>manibharath</i>
18	711616104022	MEHA DHANUSHYA L	✓	✓	a	✓	✓	✓	<i>Mehta</i>
19	711616104023	MENAKA T	✓	a	✓	✓	✓	✓	<i>menaka</i>
20	711616104024	MOHANRAJ V	✓	✓	a	✓	✓	✓	<i>Moh</i>
21	711616104025	MONISHA P	✓	✓	✓	✓	✓	✓	<i>Monish</i>
22	711616104026	MUTHUKOODAL INGAM V	✓	✓	✓	✓	✓	a	<i>Muthukoodal</i>
23	711616104027	NAVEEN V	✓	✓	✓	✓	✓	✓	<i>Naveen</i>
24	711616104028	NIZAMUDEEN M	✓	✓	✓	✓	a	✓	<i>Nizam</i>
25	711616104031	PREETHI R	✓	✓	/	/	/	/	<i>Preethi</i>
26	711616104032	RAMYA A	✓	a	✓	✓	✓	✓	<i>Ramya</i>
27	711616104033	SATHISH KUMAR T	✓	✓	✓	✓	✓	✓	<i>Sathish Kumar</i>
28	711616104034	SELVAKUMAR C	✓	✓	/	/	/	/	<i>Selvakumar</i>
29	711616104035	SHINEY PRINCY D	✓	✓	✓	✓	✓	✓	<i>Shiney</i>
30	711616104036	SHINY RACHEL M	/	/	/	/	/	/	<i>Shiny Rachel</i>
31	711616104037	SIVASANKARI S	/	/	/	/	/	/	<i>Siva</i>
32	711616104030	THIRURAMAN G	✓	✓	✓	a	✓	✓	<i>Thiru</i>
33	711616104039	THIRUVENKETA KUMAR T	✓	✓	✓	✓	/	✓	<i>Thiruv</i>
34	711616104040	UDHAYAN M	✓	✓	✓	✓	✓	✓	<i>Udhayan</i>
35	711616104042	YASICKRAJU N	✓	/	/	/	/	/	<i>Yasick</i>
36	711616104301	LAVANYA M	/	/	a	/	/	✓	<i>Lavanya</i>
37	711614104015	POORNIMA R	✓	✓	a	✓	✓	✓	<i>Poornima</i>
38	711614104023	SOWMIYA K	✓	✓	✓	✓	✓	✓	<i>Sowmiya</i>

v.c. dandiy
Course Coordinator

HoD/CSE

Principal



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Department of Computer Science and Engineering

One Page Report

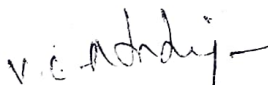
Name of the Course : PHP/VB.Net

Academic Year: 2017-2018

Course Code : K17A102

The Department of Computer Science and Engineering organized five days add-on course on PHP/VB.Net from 19.02.2018 to 23.02.2018. Totally 38 students have attended the course.


The course coordinators Ms.V.C.Nathiya, AP/CSE and Ms.K.Karthika, AP/CSE handled this session on the topic of PHP/VB.Net. During the last session a competition was conducting for students for website creation in which students actively participated with interest. During this course they are well trained and will be strengthened for their future employment opportunities


Course Coordinator


HoD/CSE


Principal




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CERTIFICATE OF COMPLETION

This is to certify that **SIVASANKARI S** of **II** year successfully completed the
add-on course in **PHP/VB.Net** conducted by the Department of Computer
Science and Engineering in the academic year **2017 - 2018** during
19.02.2018 to 23.02.2018.

v.c. n. d. d. y.
Course Co-ordinator

[Signature]
HoD



[Signature]
Principal

[Signature]
Principal
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CERTIFICATE OF COMPLETION

This is to certify that **MANIBHARATH T** of **II** year successfully completed
the add-on course in **PHP/VB.Net** conducted by the Department of
Computer Science and Engineering in the academic year **2017 - 2018** during
19.02.2018 to 23.02.2018.

V.C. Nataraj
Course Co-ordinator

[Signature]
HoD



[Signature]
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Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

Date: 01.08.17

To

The Principal

Kathir College of Engineering

Coimbatore – 641062

Respected Sir,

Sub: Add on course – Reg

We want to let you know that from August 7 to August 12, 2017, we have planned to give a special add-on course on "Building Information Modeling" for final-year civil engineering students. We humbly request your consent to use the lab and classroom for the course.

Name of the Course: Building Information Modelling

Course Code : K17A201

Course Coordinator: Mr. T. Gokul

Thanking you

Course Coordinator

HoD/CIVIL

Principal



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
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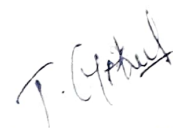
04.08.2017

Circular

Sub: Add on Course

For Final-year civil engineering students, the Department of Civil Engineering will conduct an add-on course on Building Information Modelling. Students who are interested in enrolling in the course can submit their names to the course coordinator. Below are the course specifics.

Name of the Add on Course	Course Coordinator
Building Information Modelling	Mr. T. Gokul, AP/ CIVIL
Duration of Course from 07-08-2017 to 12-08-2017 Time : 1.00 pm – 6.00 pm	



Course Coordinator



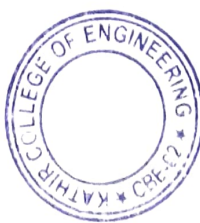
IQAC Coordinator




HoD/ CIVIL



Principal




Dr. R. UDAYAKUMAR, ME., Ph.D.,
Principal
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Neelambur, Coimbatore - 641 062.



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Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

DEPARTMENT OF CIVIL ENGINEERING

Course Syllabus

Name of the Course: Building Information Modelling

Course Code : K16A202

Course Coordinator: Mr. T. Gokul, AP/CIVIL

Total Hours : 30 hours

Academic Year : 2017-2018

Objective:

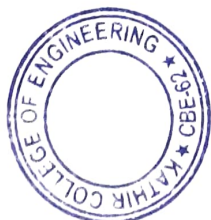
- To introduce the fundamentals and concepts of Building Information Modelling.
- To Demonstrate proficiency of commonly used BIM software (Autodesk Revit), including project document development and professional presentation of a BIM model.
- To apply BIM technology in various aspects of Civil Engineering such as cost estimation, architectural renderings, interference checking, and modeling.


Syllabus


Introduction to BIM.


- Reading of Building Documents.
- Rough Sketch based on building documents.
- Dimension Settings.
- Hands on training Building Plan.
- Hands on training Interior Design and Exterior Design of Residential Building.
- Plumbing and wiring design
- Calendar setup – Work breakdown structure
- Manual calculation for CPM method – Network diagram
- Estimation of Joinery Details.
- Estimation of Wall Section.
- Estimation of Wall with opening.
- Estimation of Residential Building.
- Material cost, Labor cost, Subcontractor cost and Time period estimation.
- Report generation.


Course Coordinator




IQAC Coordinator


HoD/ CIVIL


Dr. R. UDAYAKUMAR, M.E., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Attendance Sheet

Name of the Course : Building Information Modelling

Course Code : K17A201

Course Coordinator : Mr. T. Gokul, AP/ CIVIL

Total Hours : 30 hours

Academic Year : 2017-18

S. No.	Reg. No.	Name of the student	07.08.17	08.08.17	09.08.17	10.08.17	11.08.17	12.08.17
1	711614103001	AGATHEESWARAN G	A	A	A	A	A	A
2	711614103002	AISHWARYA S	S. Aish	S. Aish	S. Aish	S. Aish	S. Aish	S. Aish
3	711614103003	AKASH S	Akash	Akash	Akash	Akash	Akash	Akash
4	711614103004	ALISHPRIYANKA S	Alish	Alish	Alish	Alish	Alish	Alish
5	711614103005	ANTO ARUN RANJEETH D	Anto	Anto	Anto	Anto	Anto	Anto
6	711614103006	ARAVIND S	Arav	Arav	Arav	Arav	Arav	Arav
7	711614103008	BALAJI V	V. Balaji	V. Balaji	V. Balaji	V. Balaji	V. Balaji	V. Balaji
8	711614103009	BALA KUMAR K	Bala	Bala	Bala	Bala	Bala	Bala
9	711614103010	BALAKUMARAN M	Bala	Bala	Bala	Bala	Bala	Bala
10	711614103011	BOOPATHY V	Boo	Boo	Boo	Boo	Boo	Boo
11	711614103012	DEEPAN KUMAR V	Deep	Deep	Deep	Deep	Deep	Deep
12	711614103014	DHEENADHAYALAN S	Dhee	Dhee	Dhee	Dhee	Dhee	Dhee
13	711614103015	ELANGO VAN R	Elan	Elan	Elan	Elan	Elan	Elan
14	711614103017	GOKULRAJ A	Goku	Goku	Goku	Goku	Goku	Goku
15	711614103018	GOPALAKRISHNAN S	S. Gopa	S. Gopa	S. Gopa	S. Gopa	S. Gopa	S. Gopa
16	711614103019	HARI HARA SUDHAN V	Hari	Hari	Hari	Hari	Hari	Hari
17	711614103021	INBARASU S	Inbar	Inbar	Inbar	Inbar	Inbar	Inbar
18	711614103022	JAYAKUMAR V	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya
19	711614103023	JAYAPRAKASH V	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya
20	711614103024	JESINTHA SMIRNA B	Jesin	Jesin	Jesin	Jesin	Jesin	Jesin
21	711614103025	KARTHICK L	Karth	Karth	Karth	Karth	Karth	Karth
22	711614103026	KARTHICK M	Karth	Karth	Karth	Karth	Karth	Karth
23	711614103027	KARTHICK S	Karth	Karth	Karth	Karth	Karth	Karth
24	711614103028	KARTHIK G	Karth	Karth	Karth	Karth	Karth	Karth
25	711614103029	KARTHIK M	Karth	Karth	Karth	Karth	Karth	Karth
26	711614103030	KARTHIKEYAN P	P. Karth	P. Karth	P. Karth	P. Karth	P. Karth	P. Karth
27	711614103031	KARUNYA A	Karu	Karu	Karu	Karu	Karu	Karu
28	711614103032	KAVIYANANTH D	Kavi	Kavi	Kavi	Kavi	Kavi	Kavi
29	711614103033	KIRUBAKARAN S	Kiru	Kiru	Kiru	Kiru	Kiru	Kiru
30	711614103034	KISHORE M	Kishi	Kishi	Kishi	Kishi	Kishi	Kishi





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31	711614103035	KOKILA S	Kokila S	Kokila S	Kokila S	Kokila S	Kokila S
32	711614103036	KRISHNA S	Krishna S	Krishna S	Krishna S	Krishna S	Krishna S
33	711614103037	LAKSHMI B	Lakshmi B	Lakshmi B	Lakshmi B	Lakshmi B	Lakshmi B
34	711614103038	LALITH KUMAR M	Lalith M	Lalith M	Lalith M	Lalith M	Lalith M
35	711614103039	MAHARAJAN S	Maharajan S	Maharajan S	Maharajan S	Maharajan S	Maharajan S
36	711614103041	MANIMARAN B	Mani M	Mani M	Mani M	Mani M	Mani M
37	711614103042	MANIVASAGAM T	Mani M	Mani M	Mani M	Mani M	Mani M
38	711614103043	MATHANKUMAR S	Mathan S	Mathan S	Mathan S	Mathan S	Mathan S
39	711614103044	MOHAMMED ISMAIL P	Mohammed P	Mohammed P	Mohammed P	Mohammed P	Mohammed P
40	711614103045	MUKESH S	Mukesh S	Mukesh S	Mukesh S	Mukesh S	Mukesh S
41	711614103046	MUNISH D	Munish D	Munish D	Munish D	Munish D	Munish D
42	711614103047	MURALITHARAN K	Murali K	Murali K	Murali K	Murali K	Murali K
43	711614103049	NAVEENKUMAR R	Naveen R	Naveen R	Naveen R	Naveen R	Naveen R
44	711614103050	NAVEEN KUMAR A P	Naveen A	Naveen A	Naveen A	Naveen A	Naveen A
45	711614103051	NAVEENRAJ N	Naveen N	Naveen N	Naveen N	Naveen N	Naveen N
46	711614103053	PALANI KUMAR M	Palani M	Palani M	Palani M	Palani M	Palani M
47	711614103054	PRASANTH M	Prasanth M	Prasanth M	Prasanth M	Prasanth M	Prasanth M
48	711614103055	PRASATH S	Prasath S	Prasath S	Prasath S	Prasath S	Prasath S
49	711614103056	PUGALZHENDHI P	Pugal P	Pugal P	Pugal P	Pugal P	Pugal P
50	711614103058	RAJA GOPAL R	Raja R	Raja R	Raja R	Raja R	Raja R
51	711614103059	SAI HEMA KRUBA V	Sai V	Sai V	Sai V	Sai V	Sai V
52	711614103060	SAMJEYAKIRUBHAKARAN K	Samjey K	Samjey K	Samjey K	Samjey K	Samjey K
53	711614103061	SANGEETH KUMAR S	Sangeeth S	Sangeeth S	Sangeeth S	Sangeeth S	Sangeeth S
54	711614103062	SARAN B	Saran B	Saran B	Saran B	Saran B	Saran B
55	711614103063	SARAVANAN P	Saravan P	Saravan P	Saravan P	Saravan P	Saravan P
56	711614103064	SATHESH S	Sathish S	Sathish S	Sathish S	Sathish S	Sathish S
57	711614103065	SELVAM E	Selva E	Selva E	Selva E	Selva E	Selva E
58	711614103066	SHYAM B	B. Shyam	B. Shyam	B. Shyam	B. Shyam	B. Shyam
59	711614103067	SUJITH R	Sujith R	Sujith R	Sujith R	Sujith R	Sujith R
60	711614103068	SUJITH KUMAR K	Sujith K	Sujith K	Sujith K	Sujith K	Sujith K
61	711614103069	SURENTHIRAN U	U. Surendra	U. Surendra	U. Surendra	U. Surendra	U. Surendra
62	711614103071	TAMILARASAN G K	Thamil G	Thamil G	Thamil G	Thamil G	Thamil G
63	711614103072	TAMILNATHAN V	V. Thamil	V. Thamil	V. Thamil	V. Thamil	V. Thamil
64	711614103073	VENKATESH S	S. Venkatesh	S. Venkatesh	S. Venkatesh	S. Venkatesh	S. Venkatesh
65	711614103074	VIGNESH K	Vignesh K	Vignesh K	Vignesh K	Vignesh K	Vignesh K
66	711614103075	VIGNESH R	Vignesh R	Vignesh R	Vignesh R	Vignesh R	Vignesh R
67	711614103076	VISALI C	Visali C	Visali C	Visali C	Visali C	Visali C
68	711614103301	AJITH KUMAR R	Ajith R	Ajith R	Ajith R	Ajith R	Ajith R
69	711614103302	ANANTH S	Ananth S	Ananth S	Ananth S	Ananth S	Ananth S





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70	711614103303	BALAJI L	Balaji L	Balaji L	Balaji L	Balaji L	Balaji L	Balaji L	Balaji L
71	711614103304	DHILIP H	Dhilip H	Dhilip H	Dhilip H	Dhilip H	Dhilip H	Dhilip H	Dhilip H
72	711614103305	GOPI M	Gopi M	Gopi M	Gopi M	Gopi M	Gopi M	Gopi M	Gopi M
73	711614103306	KALAIVANI R N	Kalaivani R N	Kalaivani R N	Kalaivani R N	Kalaivani R N	Kalaivani R N	Kalaivani R N	Kalaivani R N
74	711614103307	MANIKANDAN S	Manikandan S	Manikandan S	Manikandan S	Manikandan S	Manikandan S	Manikandan S	Manikandan S
75	711614103308	MANOBALAN K	Manobalan K	Manobalan K	Manobalan K	Manobalan K	Manobalan K	Manobalan K	Manobalan K
76	711614103309	NAVEEN R	Naveen R	Naveen R	Naveen R	Naveen R	Naveen R	Naveen R	Naveen R
77	711614103310	PRAKASH K	Prakash K	Prakash K	Prakash K	Prakash K	Prakash K	Prakash K	Prakash K
78	711614103311	SARAVANA PRABU S	Saravana Prabhu S	Saravana Prabhu S	Saravana Prabhu S	Saravana Prabhu S	Saravana Prabhu S	Saravana Prabhu S	Saravana Prabhu S
79	711614103312	SATHISH KUMAR A	Sathish Kumar A	Sathish Kumar A	Sathish Kumar A	Sathish Kumar A	Sathish Kumar A	Sathish Kumar A	Sathish Kumar A
80	711614103313	UDHAYA KUMAR S	Udhaya Kumar S	Udhaya Kumar S	Udhaya Kumar S	Udhaya Kumar S	Udhaya Kumar S	Udhaya Kumar S	Udhaya Kumar S
81	711614103314	VINOTH KUMAR D	Vinodh Kumar D	Vinodh Kumar D	Vinodh Kumar D	Vinodh Kumar D	Vinodh Kumar D	Vinodh Kumar D	Vinodh Kumar D
82	711614103315	VINOTH RAJ J	Vinodh Raj J	Vinodh Raj J	Vinodh Raj J	Vinodh Raj J	Vinodh Raj J	Vinodh Raj J	Vinodh Raj J
83	711614103316	VIVEK M	Vivek M	Vivek M	Vivek M	Vivek M	Vivek M	Vivek M	Vivek M
84	711614103701	MOHAMED IRFAN S	Mohamed Irfan S	Mohamed Irfan S	Mohamed Irfan S	Mohamed Irfan S	Mohamed Irfan S	Mohamed Irfan S	Mohamed Irfan S

T. G. G. G.
Course Coordinator

Jamini D
HoD/ CIVIL

Dr. R. U.
Principal



AB
Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Department of Civil Engineering

One Page Report

Name of the Course : Building Information Modelling

Academic Year : 2017-2018

Course Code : K17A201

Course Coordinator : Mr. T. Gokul, AP/CIVIL

The Add on course "Building Information Modelling" that was offered to the students covered all of the course contents specified in the curriculum. The course was designed to teach the students to the basics of Building Information Modelling. Additionally covered in the session were the various ways that BIM may be applied to solve civil engineering problems.


The students gained knowledge of cutting-edge approaches for precisely resolving challenging technological issues. All the final-year students participated fully in this co-curricular activity and gained additional knowledge.


Course Coordinator


HoD/ Civil


Principal




Dr. R. UDAYAKUMAR, ME., Ph.D.
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062



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Tree, Neelambur, Avinashi Road, Coimbatore-62

CERTIFICATE OF COMPLETION

This is to certify that **BALAJI V** of **IV** year successfully completed the add-on course in **Building Information Modelling** conducted by the **Department of Civil Engineering** in the academic year **2017-18** during **07.08.17 to 12.08.17**.

T. Gobind
Course Co-ordinator

Tamilmani D
HoD



Dr. J.
Principal



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Tree, Neelambur, Avinashi Road, Coimbatore-62

CERTIFICATE OF COMPLETION

This is to certify that **JAYAKUMAR V** of **IV** year successfully completed the add-on course in **Building Information Modelling** conducted by the **Department of Civil Engineering** in the academic year **2017-18** during **07.08.17 to 12.08.17**.

T. G. K. K.
Course Co-ordinator

Tamilmani D.
HoD



J. S. S.
Principal



Kathir College of Engineering

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Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62



Date: 18.09.2017

To
The Principal,
Kathir College of Engineering
Coimbatore – 641062

Respected Sir,

Sub: Permission to conduct add-on course – Reg

We have planned to conduct the add-on course for the EEE students from 25.09.2017 to 30.09.2017. The course is selected based on the willingness opted by the students. This add-on course will be very for our students to understand about the Soft Skill and Personality Development. This Course will be very useful for the students to face the interview and placement-oriented skills. In this regard I kindly request you to permission to utilize the MBA Seminar Hall.

Name of the Course : Soft Skill and Personality Development


Course Code : K17A301

Course Coordinators : Ms.S.Kalpana and Ms.J.Jeyabharathi

Thanking you


Course Coordinator


HOD/EEE


Principal




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NEELAMBUR,
COIMBATORE-62.



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Date: 18.09.2017

Circular

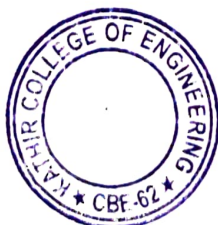
It is planned to conduct the add-on course for our students. This is a certification course which is designed and offered by our department for the benefit of the students. Add-on course will be conducted at free of cost.

Name of the Add-on Course	Course Coordinator
Soft Skill and Personality Development	Ms.S.Kalpana and Ms.J.Jeyabharathi
Commencement of Course from 25.09.2017 to 30.09.2017 Time: 9.00 am – 5.00 pm	

Course Coordinator

IQAC Coordinator

HoD/EEE




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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Course Syllabus

Name of the Course : Soft Skill and Personality Development Course Code: K17A301

Course Coordinator : Ms.S.Kalpana and Ms.J.Jeyabharathi Total Hours : 30 Hrs

Soft Skills and Personality Development

Module-1

Introduction to Soft-Skills-Personal Skills: Knowing Oneself/Self-Discovery- Confidence Building- Defining Strengths- Developing Positive Attitude- Thinking Creatively Improving Perceptions -Forming Values.

Module-2

Interpersonal and Social Skills: Understanding others-Developing Inter-personal relationship-Team Building-Group dynamics-Networking-Problem-solving.

Module-3

Communication Skills: Art of Listening-Art of Speaking-Art of Reading-Art of Writing-Art of Writing E-mails: Email etiquette

Module-4

Corporate Skills: Working with others- Developing a proper body language-behaviouralettiques and mannerism- Time Management –Stress Management.

Module-5

Job-hunting skills: Writing Resume/CV- Interview skills-Group discussion-Mock interview- Mock GD-Goal Setting-Career Planning




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COIMBATORE-62.

Textbooks:

1. Meena K and V. Ayothi (2013) A Book on Development of Soft Skills (Soft Skills: A Road Map to Success), P. R. Publishers & Distributors.
2. Alex K. (2012) Soft Skills-Know Yourself & Know the World, S. Chand & Company LTD, Ram Nagar, New Delhi-110055.



Course Coordinator



IQAC Coordinator



HOD/EEE



Principal



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING STUDENTS ENROLLMENT

S. No.	Reg. No.	Name of the Student
1	711614105001	ARAVIND KUMAR M
2	711614105002	KALAISELVI S
3	711614105003	KARTHIKEYAN A
4	711614105004	KAVIPRIYA M
5	711614105005	MANIMARAN S
6	711614105006	MEENACHI P
7	711614105009	RAMAKRISHNAN D
8	711614105010	SANTHOSH K.R
9	711614105011	SATHYA SHRIMATHI R
10	711614105301	PARTHIBAN A
11	711614105302	VENKATESH K
12	711614105501	NIRMAL RAJ S

J. Sathya

Course Coordinator




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NEELAMBUR,
COIMBATORE-62.

[Signature]
HOD/EEE



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Attendance Sheet

Name of the Course : Soft Skill and Personality Development

Course Code: K17A301

Course Coordinator : Ms.S.Kalpana and Ms.J.Jeyabharathi
Hrs

Total Hours : 30

Sl.No	Students Name	25.09.2017		26.09.2017		27.09.2017		29.09.2017		30.09.2017		Sign
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1	ARAVIND KUMAR M	P	P	P	P	P	P	P	P	P	P	Aravind Kumar
2	KALAISELVI S	P	P	P	P	P	P	P	P	A	A	Kalaiselvi S
3	KARTHIKEYAN A	P	P	P	P	P	P	P	P	P	P	Karthikeyan A.
4	KAVIPRIYA M	P	P	P	P	A	A	P	P	P	P	Kavipriya M
5	MANIMARAN S	P	P	P	P	A	A	P	P	P	P	Manimaran S
6	MEENACHI P	P	P	P	P	P	P	P	P	P	P	Meenachi P.
7	RAMAKRISHNAN D	P	P	P	P	P	P	P	P	P	P	Ramakrishnan D
8	SANTHOSH K R	P	P	P	P	P	P	A	A	P	P	Santhosh K R
9	SATHYA SHRIMATHI R	P	P	P	P	P	P	P	P	P	P	Sathy
10	PARTHIBAN A	P	P	A	A	P	P	P	P	P	P	Parthiban A
11	VENKATESH K	P	P	P	P	P	P	P	P	P	P	Venkatesh K
12	NIRMAL RAJ S	P	P	P	P	P	P	A	A	P	P	Nirmalraj. S

S.Kal
25.9

S.Kal
26.9

S.Kal
27.9

S.Kal
29.9

S.Kal
30.9

J. Jeyabharathi

Course Coordinator

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HOD/EEE



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Add-on Program report

Name of the Course : Soft Skill and Personality Development Course Code: K17A301

Course Coordinator : Ms.S.Kalpana and Ms.J.Jeyabharathi Total Hours : 30 Hrs

Without soft skills, everyday business would be very difficult, since almost all aspects of work involve people. Many jobs also involve collaboration and interaction with different types of people, and interpersonal skills are vital to make this happen. Even if one has a very technical job, such as an IT role, they will need to interact with colleagues or clients regularly, often imparting complicated information or having to listen carefully to requirements. On September 25, 2017 Introduction to Soft and Social Skills, - Personal Competencies Building Oneself/Self-Confidence, Strengths, Developing a Positive Attitude, Increasing Perceptions through Creative Thinking, On September 26, 2017 Intro to Social Skills Interpersonal relationships - Team Building - Group Dynamics - Networking - Problem-solving. were believed. Introduction to Communication Skills on September 27, 2017: Art of Listening-Art of Speaking-Art of Reading-Art of Writing-E-mails: Email etiquette. Corporate Skills on 29.9.2017: Working with Others; Developing Appropriate Body Language; Time Management; and Stress Management. On 30.9.2017 Writing a resume/CV - Interview skills - Group discussion - Mock interviews - Mock GD -Objective-Oriented Career Planning

Having excellent technical capabilities on one's resume won't necessarily be enough to get you the job. The syllabus coverage is good and the way of explanation and demonstration is excellent.


Course Coordinator


HOD EEE


Principal



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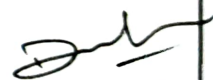
CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms PARTHIBAN A of IV year
successfully completed Add-on course in **SOFT SKILL AND PERSONALITY
DEVELOPMENT** conducted by the Department of Electrical and Electronics
Engineering between 25TH to 30TH September 2017.


Coordinator


HOD


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COIMBATORE-62


Principal



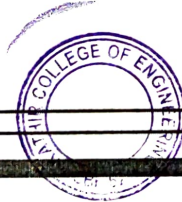
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CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms KALAI SELVI . S of IV year
successfully completed Add-on course in **SOFT SKILL AND PERSONALITY
DEVELOPMENT** conducted by the Department of Electrical and Electronics
Engineering between 25TH to 30TH September 2017.


Coordinator




HOD


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Principal



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Date: 22.01.2018

To

The Principal,

Kathir College of Engineering

Coimbatore – 641062

Respected Sir,

Sub: Permission to conduct add-on course – Reg

We have planned to conduct the add-on course for the EEE students from 27.01.2018 to 02.02.2018. The course is selected based on the willingness opted by the students. This add-on course will be very for our students to understand about the Intelligent Controller. This course will be very useful for the students to know about different types of advanced controllers in the industrial application and in R&D. In this regard I kindly request you to permission to utilize the Power Electronics Lab.

Name of the Course : Intelligent Controller

Course Code : K17A302

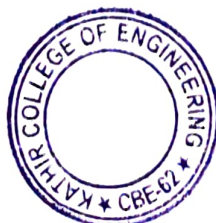
Course Coordinators : Dr.T.Sivakumar and Ms.M.Sasirekha

Thanking you


Course Coordinator


HOD/EEE


Principal




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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Date: 22.01.2018

Circular

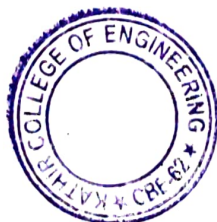
It is planned to conduct the add-on course for our students. This is a certification course which is designed and offered by our department for the benefit of the students. Add-on course will be conducted at free of cost.


Name of the Add-on Course	Course Coordinator
Intelligent Controller	Dr.T.Sivakumar and Ms.M.Sasirekha
Commencement of Course from 27.01.2018 to 02.02.2018 Time: 9.00 am – 5.00 pm	


Course Coordinator


IQAC Coordinator


HOD/EEE




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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Course Syllabus

Name of the Course : Intelligent Controller

Course Code: K17A302

Course Coordinator : Dr.T.Sivakumar and Ms.M.Sasirekha

Total Hours : 30 Hrs

INTELLIGENT CONTROLLERS

Introduction

Fuzzy Logic and neural networks in the control of AC drives – Artificial intelligence and expert systems theory in the control of drives and Power electronic converters like UPS.

Vector control of AC drives

A Review –Traditional Phasors – AC motor equation – space phasors and analysis of AC motors – A short review of inverters for the control of AC motors.

Robust control techniques

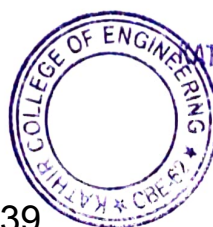
Introduction to Robust control – Robust servo control – Linear and nonlinear – Adaptive control – MRAC – Self tuning control.

Robust AC drive control

Introduction – Control methods – Observe for robust control – Speed observer – Speed sensor less operation – Neuro-observer – Fuzzy robust control self tuning Fuzzy controllers - Stability considerations.

Soft computing applied to intelligent control of AC drives

Introduction – Soft computing – Neuro, fuzzy algorithms and their combination in the control and diagnosis of AC drives – PE systems intelligent control – Sensor failure detection using Neuro and fuzzy – Hardware for soft computing.



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TEXTBOOKS:

1. Bimal.K.Sen, "Modern Power Electronics and AC Drives", Pearson publications, 2002.

REFERENCES:

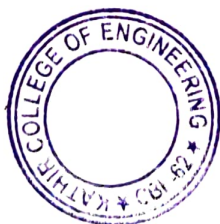
1. Yashiko Dote and RG Hoft, "Intelligent control power Electronic Systems", Oxford University press, 1998.
2. Vedam Subrahmanyam, "Thyristor control of electric drives", TMH, 1988.
3. Vedam Subrahmanyam, "Electric Drives – Concepts and Applications", TMH, 2000.


Course Coordinator


IQAC Coordinator


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Principal





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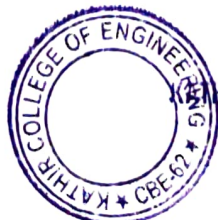
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING STUDENTS ENROLLMENT

S. No.	Reg. No.	Name of the Student
1.	711615105001	AJAY A
2.	711615105003	GOKILAVANI K M
3.	711615105004	GOKUL M
4.	711615105005	JAGADISH K
5.	711615105009	KIRAN KUMAR M
6.	711615105011	MATHUMITHA V
7.	711615105012	NIVETHA S
8.	711615105013	PREMKUMAR V
9.	711615105014	RAMESH R
10.	711615105016	RAVI KUMAR G
11.	711615105017	RISHIWANTH S
12.	711615105019	SANTHIYA P
13.	711615105020	SARANYA M
14.	711615105022	SOWNTHARYA K
15.	711615105023	SUDHAN C RAJU
16.	711615105024	TAMIL SELVAN B
17.	711615105025	THAVALAKSHMI P
18.	711615105026	UTHAYA KUMAR S
19.	711615105027	VIDHYA M
20.	711615105029	VIJAYASUNDAR M
21.	711615105030	VIVEK K A
22.	711615105701	KOWSALYA S


Course Coordinator




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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Attendance Sheet

Name of the Course : Intelligent Controller

Course Code: K17A302

Course Coordinator : Dr.T.Sivakumar and Ms.M.Sasirekha

Total Hours : 30 Hrs

Sl.No	Students Name	27.01.2018		29.01.2018		30.02.2018		01.02.2018		02.02.2018		Sign
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1.	AJAY A	P	P	P	P	P	P	P	P	P	P	Ajay . M.
2.	GOKILAVANI K M	P	P	P	P	P	P	P	P	P	P	M. Gokil
3.	GOKUL M	P	P	A	A	P	P	P	P	A	A	M. Gokul
4.	JAGADISH K	P	P	P	P	P	P	P	P	P	P	Jagadish K.
5.	KIRAN KUMAR M	P	P	P	P	A	A	P	P	P	P	Kiran K.
6.	MATHUMITHA V	P	P	P	P	P	P	P	P	P	P	Mathumitha
7.	NIVETHA S	P	P	P	P	P	P	P	P	P	P	S. Nivetha
8.	PREMKUMAR V	P	P	P	P	P	P	A	A	P	P	Premkumar
9.	RAMESH R	P	P	P	P	P	P	P	P	P	P	Ramesh R.
10.	RAVI KUMAR G	P	P	P	P	P	P	P	P	P	P	Ravi Kumar
11.	RISHIWANTH S	P	P	A	A	A	A	P	P	P	P	Rishiwanth
12.	SANTHIYA P	P	P	P	P	P	P	P	P	P	P	Santhiya P.
13.	SARANYA M	P	P	P	P	P	P	P	P	P	P	Saranya M.
14.	SOWNTHARYA K	P	P	P	P	P	P	A	A	P	P	Sowntharya K.
15.	SUDHAN C RAJU	A	A	P	P	P	P	A	A	P	P	Sudhan C Raju
16.	TAMIL SELVAN B	P	P	P	P	P	P	P	P	P	P	Tamil Selvan B.
17.	THAVALAKSHMI P	P	P	P	P	P	P	P	P	P	P	Thavalakshmi P.
18.	UTHAYA KUMAR S	P	P	A	A	P	P	P	P	A	A	Uthaya Kumar S.
19.	VIDHYA M	P	P	P	P	P	P	P	P	P	P	Vidhya M.
20.	VIJAYASUNDAR M	P	P	P	P	A	A	P	P	P	P	Vijayasundar M.
21.	VIVEK K A	P	P	P	P	P	P	P	P	P	P	Vivek K A.
22.	KOWSALYA S	P	P	A	A	P	P	P	P	A	A	Kowsalya S.

M. Sathya
24/1

M. Sathya
24/1

M. Sathya
30/2

M. Sathya
1/2

M. Sathya
2/2

Dr. T. Sivakumar
Course Coordinator



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Dr. T. Sivakumar
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2017-2018

Add-on Program report

Name of the Course : Intelligent Controller

Course Code: K17A302

Course Coordinator : Dr.T.Sivakumar and Ms.M.Sasirekha

Total Hours : 30 Hrs

On 27.01.2018 Introduction about Fuzzy Logic and neural networks in the control of AC drives – Artificial intelligence and expert systems theory. Application in UPS.

On 29.01.2018 Vector control of AC drives discussed about Traditional Phasors – space phasors and analysis of AC motors. Application in speed control in industrial drives. Demonstrated in power electronics lab.

On 30.01.2018 Introduction to Robust control in servo control both Linear and nonlinear, Self-tuning control. Demonstrated the same in PE lab servo transmitter and receiver.


On 01.02.2018 and 02.02.2018 Introduction to speed control methods with sensor and without sensor using Neuro and Fuzzy technique. Demonstrated in PE lab using MATLAB. Soft computing using Neuro, fuzzy algorithms and their combination in the control and diagnosis.

The syllabus coverage is good, and the way of explanation and demonstration is excellent.


Course Coordinator


HOD/EEE




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CERTIFICATE OF COMPLETION

This is to certify that ~~Mr~~/Ms GOKULAVANI. M of III year successfully completed the add-on course in INTELLIGENT CONTROLLER conducted by the Department of Electrical and Electronics Engineering in the academic year 2017- 2018 during 27.01.2018 to 02.02.2018.


Co-Ordinator




HOD


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Principal



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CERTIFICATE OF COMPLETION

This is to certify that Mr/~~Ms~~ UTHAYA KUMAR . S of III year successfully completed the add-on course in INTELLIGENT CONTROLLER conducted by the Department of Electrical and Electronics Engineering in the academic year 2017- 2018 during 27.01.2018 to 02.02.2018.


Co-Ordinator




HOD


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COIMBATORE-62.


Principal



KATHIR COLLEGE OF ENGINEERING

"Wisdom Tree", Neelambur, Coimbatore-641062

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The management, Principal, Staff & Students Cordially Invite you for the

Department of Electronics and Communication Engineering

Add On Course on

ZIGBEE Controller and its Application

RESOURCE PERSON

Dr. P.VETRIVELAN

Head of The Department(IC),

Department of ECE, PSG Institute of Technology and Applied Research,CBE

Felicitation

Thiru.E.S.Kathir

Chairman, Kathir Institutions

Tmt.Lavanya Kathir

Secretary, Kathir Institutions

Dr.G.Doraiswamy

CEO,KCE

Dr.D.Ananthakrishnan

Principal,KCE

VENUE: IIT BOMBAY HALL

DATE:11/02/2018

All are Cordially Invited



Dr. R. UDAIYAKUMAR, ME.,Ph.D.,

Principal

Kathir College of Engineering

"Wisdom Tree" Avinashi Road,

Neelambur,Coimbatore - 641 062.



Kathir College of Engineering

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"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore 641062

Date : 05.02.2018

To

The Principal,

Kathir College of Engineering

Coimbatore – 641062

Respected Sir,

Sub : Permission to conduct add on course – Reg

We have planned to conduct the add on course for the Third year ECE students from 11.02.2018 to 15.02.2018

Name of the Course : **ZIGBEE CONTROLLER AND ITS APPLICATION**


Course Code : **K17A402**


Course Coordinator : Ms. K. REVATHI , AP/ECE

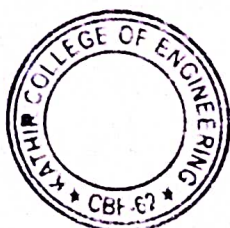
So kindly permit us to conduct the above course and to utilize the class room and the lab

Thanking you


Course Coordinator


HoD/ECE


Principal



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Circular

Sub : Add on Course

It is planned to conduct add on course for the Third year Electronics and Communication Engineering students.

The add on course are the certification course which are designed and offered by our department for the benefit of the students. Add on course will be conducted at free of cost and on completion of the course all the students will be issued the Certificate.

Students who are willing to attend the below mentioned course can enroll their names to the course coordinator.

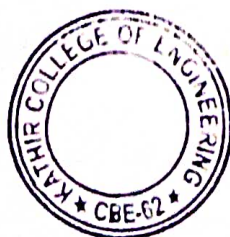
Name of the Add on Course	Course Coordinator
ZIGBEE CONTROLLER AND ITS APPLICATION	Ms. K. REVATHI , AP/ECE
Commencement of Course from 11.02.2018 to 15.02.2018	
Time : 9.00 am – 5.00 pm	

K. Revathi
Course Coordinator

M. Kannan
IS/AC Coordinator

M. Kannan
HoD/ECE

[Signature]
Principal



[Signature]
Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Course Syllabus

Name of the Course : ZIGBEE CONTROLLER AND ITS APPLICATION

Course Code : K17A402

Course Coordinator : Ms. K. REVATHI , AP/ECE

Total Hours : 48

Academic Year : 2017-2018

Objective:

To understand the basics of Zigbee controller

To design Zigbee based product

To develop a protocol of specific application of Zigbee controller

Unit -I

Introduction to Zigbee controller

Unit – II

Designing of Zigbee based product

Unit – III

Application of Zigbee controller

Course outcomes:

By completing this course, the students will be able to

Understand the basics of Zigbee controller

Design a Zigbee based product

Develop a protocol of specific application of Zigbee controller

Reference: ZigBee Wireless Sensor and Control Network by Ata Elahi, Adam Gschwender

K. Revathi
Course Coordinator

M. Kannas
I & C Coordinator

M. Kannas
HoD/ECE

[Signature]
Principal



[Signature]
Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Add on Course Name List

ADD on Coordinator : Ms. K. REVATHI , AP/ECE

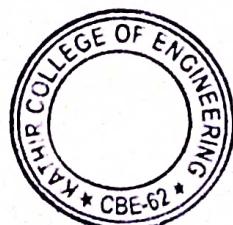
Academic Year : 2017-2018

S.No	Register.No	Name of the Student	Signature
1	711615106032	PAVITHRA.B	
2	711615106033	PAVITHRA.S	
3	711615106034	PRAMILA. T	
4	711615106036	PRATHIBHA.P	
5	711615106038	PREMKISHORE.K	
6	711615106039	PRETHIVIJITH. C.J	
7	711615106040	PRIYADHARSHINI.S	
8	711615106042	REVATI VIJEYSHRI.V	
9	711615106043	RISHI KUMARAN.R	
10	711615106044	SAKTHIGOWRI.S	
11	711615106045	SAKTHIVIGNESH.V	
12	711615106046	SARANYA.N	
13	711615106047	SATHYAPRIYA. S	
14	711615106048	SRIRAM.L	
15	711615106049	SUGANYA.S	
16	711615106050	VANMATHIE	
17	711615106051	VINODHKUMAR.A.M	
18	711615106052	VISHNUPRIYA.M	
19	711615106053	VIYASHINI.U	
20	711615106301	AJAY SHANKAR.J	

Course Coordinator

HoD/ECE

Principal



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Department of Electronics and Communication Engineering

Attendance Sheet

Name of the Course : ZIGBEE CONTROLLER AND ITS APPLICATION

Course Code : K17A402

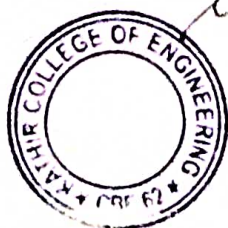
Course Coordinator : Ms. K. REVATHI , AP/ECE

Total Hours : 48

Academic Year : 2017-2018

S.No	Reg no	Name of the student	11/02/18	11/02/18	12/02/18	12/02/18	13/02/18	13/02/18	14/02/18	14/02/18	15/02/18	15/02/18	15/02/18
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	R&T
1	711615106032	PAVITHRA.B	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	P
2	711615106033	PAVITHRA.S	AB	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
3	711615106034	PRAMILA. T	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
4	711615106036	PRATHIBHA.P	PS	PS	AB	PS	PS	PS	PS	PS	PS	PS	PS
5	711615106038	PREMKISHORE.K	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
6	711615106039	PRETHIVIJITH. C.J	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
7	711615106040	PRIYADHARSHINI.S	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
8	711615106042	REVATI VIJEYSHRI.V	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
9	711615106043	RISHI KUMARAN.R	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
10	711615106044	SAKTHIGOWRI.S	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
11	711615106045	SAKTHIVIGNESH.V	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
12	711615106046	SARANYA.N	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
13	711615106047	SATHYAPRIYA. S	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
14	711615106048	SRIRAM.L	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
15	711615106049	SUGANYA.S	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
16	711615106050	VANMATHILE	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
17	711615106051	VINODHKUMAR.A.M	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
18	711615106052	VISHNUPRIYA.M	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
19	711615106053	VIYASHINI.U	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
20	711615106301	AJAY SHANKAR.J	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

Course Coordinator



HOD/ECE

Dr. R. UDAIYAKUMAR, ME., Ph.D.,

Principal

Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641062.



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Department of Electronics and Communication Engineering

One Page Report

Name of the Course : ZIGBEE CONTROLLER AND ITS APPLICATION Academic Year :2017-2018

Course Code : K17A402

Course Coordinator : Ms. K. REVATHI , Assistant Professor, ECE

The entire course contents listed in the course syllabus of the add on course "ZIGBEE CONTROLLER AND ITS APPLICATION" has educated the students the part of prescribed co-curricular activities through add on program.

They have been given basic concepts of topics mentioned and students clearly understood the fundamentals of Zigbee controller and its Application.

The add on course titled "ZIGBEE CONTROLLER AND ITS APPLICATION" has been conducted and course delivery along with attendance of the students was recorded.

The students actively attended this add on course and performed well throughout the program and all students received the certificate.

At the End of this course the students will be Equipped to execute the following Skills.

Course outcomes


By completing this course, the students are expected to have obtained the skills to

Understand the basics of Zigbee controller

Design a Zigbee based product

Develop a protocol of specific application of Zigbee controller

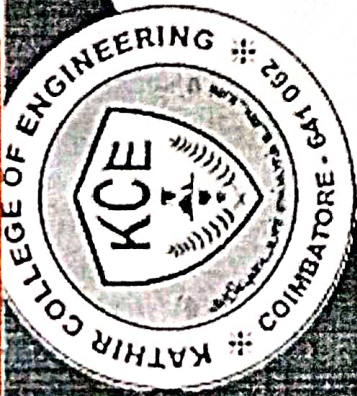

Course Coordinator


HoD/ECE


Principal



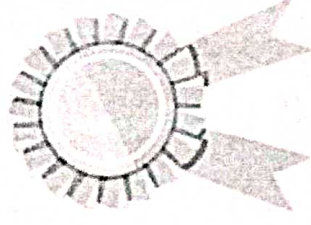
Dr. R. UDAIYAKUMAR, ME., Ph.D.,
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Neelambur, Coimbatore - 641 062.



KATHIR COLLEGE OF ENGINEERING

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CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT

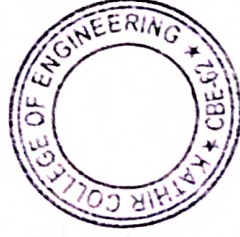
PAYITHRA.B

Of **III** year successfully completed the add-on course in **Zigbee
Controller and its Application** conducted by the
Department of Electronics and Communication
engineering in the academic year
2017-2018 during **12.02.18** to **15.02.18**

K. Ravi

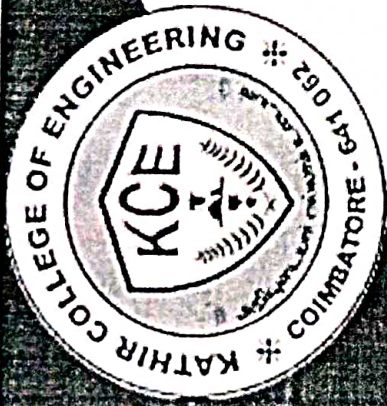
Co-ordinator

Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Vignana Tree" Avinashi Road,
Narasimharpet, Coimbatore - 641 062.



M. Leenas

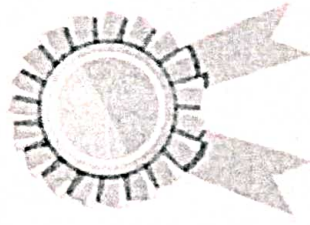
HoD



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CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT

S R I R A M . L

Of **III** year successfully completed the add-on course in **Zigbee
Controller and its Application** conducted by the
**Department of Electronics and Communication
engineering** in the academic year
2017-2018 during **12.02.18** to **15.02.18**

Dr. R. UDAIYAKUMAR, ME., Ph.D.,

Principal

Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

K. Revinf

Co-ordinator



M. Annas

HOD



KATHIR COLLEGE OF ENGINEERING

"Wisdom Tree", Neelambur, Coimbatore-641062

(Approved by AICTE /Affiliated to Anna University)

Accredited by NAAC & ISO Certified Institution



The management, Principal, Staff & Students Cordially Invite you for the

Department of Electronics and Communication Engineering

Add On Course on

ARM Processor AND ITS Application

RESOURCE PERSON

Dr. S.Krishnan

Head of The Department,

Department of ECE, Sona College of Technology, Salem

Felicitation

Thiru.E.S.Kathir

Chairman, Kathir Institutions

Tmt.Lavanya Kathir

Secretary, Kathir Institutions

Dr.G.Doraiswamy

CEO,KCE

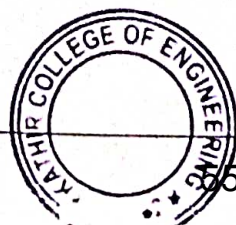
Dr.D.Ananthakrishnan

Principal,KCE

VENUE: IIT BOMBAY HALL

DATE:11/10/2017

All are Cordially Invited



Dr. R. UDAIYAKUMAR, ME.,Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Date : 05.10.2017

To

The Principal,

Kathir College of Engineering

Coimbatore – 641062

Respected Sir,

Sub : Permission to conduct add on course – Reg

We have planned to conduct the add on course for the Third year ECE students
from 11.10.2017 to 15.10.2017

Name of the Course : ARM PROCESSOR AND ITS APPLICATION

Course Code : K17A401

Course Coordinator : Ms. R.SARANYA , AP/ECE

So kindly permit us to conduct the above course and to utilize the class room and the lab

Thanking you

R. Saranya
Course Coordinator

M. Kannas

HoD/ECE

[Signature]

Principal



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Circular

Sub : Add on Course

It is planned to conduct add on course for the Third year Electronics and Communication Engineering students.

The add on course are the certification course which are designed and offered by our department for the benefit of the students. Add on course will be conducted at free of cost and on completion of the course all the students will be issued the Certificate.

Students who are willing to attend the below mentioned course can enroll their names to the course coordinator.

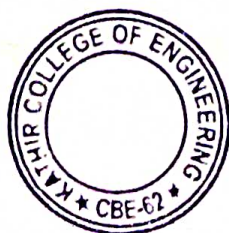
Name of the Add on Course	Course Coordinator
ARM PROCESSOR AND ITS APPLICATION	Ms. R.SARANYA , AP/ECE
Commencement of Course from 11.10.2017 to 15.10.2017	
Time : 9.00 am – 5.00 pm	

R. Saranya
Course Coordinator

M. Kannas
IAC Coordinator

M. Kannas
HoD/ECE

[Signature]
Principal



[Signature]
Dr. R. UDAIYAKUMAR, ME.,Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Course Syllabus

Name of the Course : ARM PROCESSOR AND ITS APPLICATION

Course Code : K17A401

Course Coordinator : Ms. R.SARANYA , AP/ECE

Total Hours : 48

Academic Year : 2017-2018

Objective:

Understand the importance and applications of ARM Design

- Know the architecture of ARM processor
- Use instruction sets of ARM processor
- Analyze the adaptation of C code, firmware, OS, Interrupts, caches, etc. in ARM embedded systems

Unit -I

ARM Embedded Systems Introduction, RISC design philosophy, ARM design philosophy, Embedded system hardware – AMBA bus protocol, ARM bus technology, Memory, Peripherals, Embedded

Unit – II

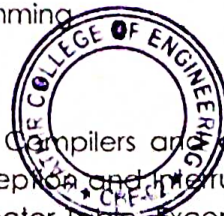
Introduction to the ARM Instruction set Introduction, Data processing instructions, Load - Store instruction, Software interrupt instructions, Program status register instructions, Loading constants, Conditional Execution. ALP programming.

Unit – III

Introduction to the THUMB instruction set Introduction, THUMB register usage, ARM – THUMB interworking, Other branch instructions, Data processing instructions, Stack instructions, Software interrupt instructions. ALP programming.

Unit – IV

Efficient C Programming: Overview of C Compilers and optimization Basic of Engineering Local Variable Types, Portability issues Exception and Interrupt Handling, Avinashi Road, Coimbatore - 641062. ARM Processor Exceptions and Modes, Vector table, Exception Priorities, Link Register Offset,



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Principal

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Coimbatore - 641062.

Interrupts- Interrupt Latency, Basic Interrupt Stack design, and implementation, Interrupt Handling Schemes

Unit – V

Firmware: Firmware and Bootloader Embedded Operating Systems: Fundamental Components

Caches: The memory Hierarchy and caches memory-caches and memory management units, Cache architecture basic architecture of caches memory, basic operation of the cache controller, the relationship between cache and main memory

Course outcomes:

By completing this course, the students will be able to

1. Depict the organization, architecture, bus technology, memory and operation of the ARM processors
2. Employ the knowledge of Instruction set of ARM processors to develop basic Assembly Language Programs
3. Recognize the importance of the Thumb mode of operation of ARM processors
4. Describe the techniques involved in writing C code for ARM processors and Exception & Interrupt handling in ARM Processors
5. Describe the importance and use of Firmware, OS and cache in ARM Embedded systems.

References:

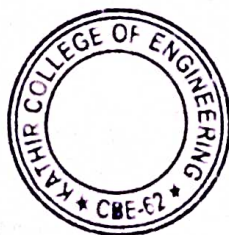
1. "ARM System-on-Chip Architecture" by Steve Furber
2. "ARM processor" by Santul Bisht

P. Samy
Course Coordinator

M. Cianna
IAC Coordinator

M. Cianna
HoD/ECE

[Signature]
Principal



[Signature]
Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Add on Course Name List

ADD on Coordinator : Ms. R.SARANYA , Assistant Professor, ECE

Academic Year : 2017-2018

S.No	Register.No	Name of the Student	Signature
1	711618106004	BRINDHA.P	Brindha
2	711618106006	EKANTHALINGAM.V	Ekanthalingam
3	711618106007	EZHIL PRAKASH.S	Ezhil
4	711618106008	JAMUNA.G	Jamuna
5	711618106009	JAYALAKSHMI.S	Jayalakshmi
6	711618106011	KAVIN.B	Kavin
7	711618106012	KAVYA.S	Kavya
8	711618106013	KAVIYARASAN.K	Kaviyarasan
9	711618106014	KOKILESHWARIS	Kokileshwaris
10	711618106015	LAKSHMANAN.K	Lakshmanan
11	711618106016	MOHAMMED IRSHATH.S	Mohammed Irshath
12	711618106018	NITHYANANDHAM.R	Nithyanandham

R. Saranya
Course Coordinator

M. Cannas
HoD/ECE

[Signature]
Principal



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Department of Electronics and Communication Engineering

Attendance Sheet

Name of the Course : ARM PROCESSOR AND ITS APPLICATION

Course Code : K17A401

Course Coordinator : Ms. R.SARANYA , Assistant Professor, ECE

Total Hours : 48

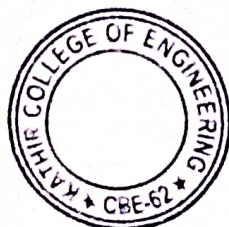
Academic Year : 2017-2018

S.No	Reg no	Name of the student	11/10/17	11/10/17	12/10/17	12/10/17	13/10/17	13/10/17	14/10/17	14/10/17	15/10/17	15/10/17	15/10/17
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	R&T
1	711618106004	BRINDHA.P	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha
2	711618106006	EKANTHALINGAM.V	Ea	AB	Ea	Ea	Ea	Ea	AB	Ea	Ea	Ea	Ea
3	711618106007	EZHIL PRAKASH.S	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP
4	711618106008	JAMUNA.G	Ja	Ja	Ja	Ja	Ja	AB	Ja	Ja	Ja	Ja	Ja
5	711618106009	JAYALAKSHMI.S	Jh	Jh	Jh	Jh	Jh	Jh	Jh	Jh	Jh	Jh	Jh
6	711618106011	KAVIN.B	Kavin	Kavin	Kavin	Kavin	Kavin	Kavin	Kavin	Kavin	Kavin	Kavin	Kavin
7	711618106012	KAVYA.S	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka
8	711618106013	KAVIYARASAN.K	AB	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka
9	711618106014	KOKILESHWARI.S	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka	Ka
10	711618106015	LAKSHMANAN.K	La	La	La	La	La	La	La	La	AB	La	La
11	711618106016	MOHAMMED IRSHATH.S	IR	IR	IR	IR	IR	IR	IR	IR	IR	IR	IR
12	711618106018	NITHYANANDHAM.R	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd

R. Saranya
Course Coordinator

M. Kannas
HoD/ECE

Principal



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



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Department of Electronics and Communication Engineering

One Page Report

Name of the Course : ARM PROCESSOR AND ITS APPLICATION Academic Year :2017-2018

Course Code : K17A401

Course Coordinator : Ms. R.SARANYA , Assistant Professor, ECE

The entire course contents listed in the course syllabus of the add on course "**ARM PROCESSOR AND ITS APPLICATION**" has educated the students the part of prescribed co-curricular activities through add on program.

They have been given basic concepts of topics mentioned and students clearly understood the fundamentals of Arm Processor and its Application.

The add on course titled "**ARM PROCESSOR AND ITS APPLICATION**" has been conducted and course delivery along with attendance of the students was recorded.

The students actively attended this add on course and performed well throughout the program and all students received the certificate.

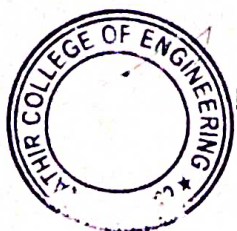
At the End of this course the students will be Equipped to execute the following Skills.

Course outcomes


By completing this course, the students are expected to have obtained the skills to

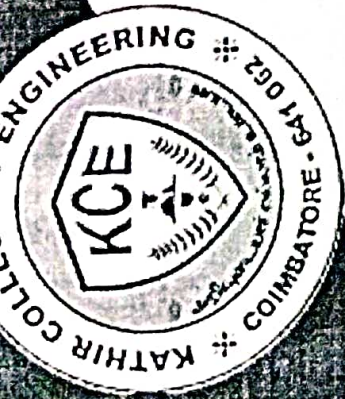
1. Depict the organization, architecture, bus technology, memory and operation of the ARM processors
2. Employ the knowledge of Instruction set of ARM processors to develop basic Assembly Language Programs
3. Recognize the importance of the Thumb mode of operation of ARM processors
4. Describe the techniques involved in writing C code for ARM processors and Exception & Interrupt handling in ARM Processors
5. Describe the importance and use of Firmware, OS and cache in ARM Embedded systems.


Course Coordinator




HoD/ECE

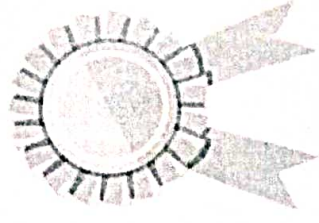

Principal
Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur Coimbatore - 641062



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CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT

KAVIN. B

Of **III** year successfully completed the add-on course in **Arm
Processor and its Application** conducted by the
Department of Electronics and Communication
engineering in the academic year
2017-2018 during **11.10.17** to **15.10.17**

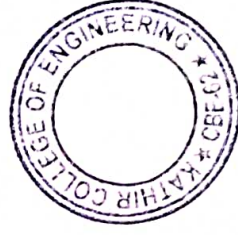
R. Suresh

Co-ordinator

Dr. R. UDAIYAKUMAR, ME., Ph.D.,

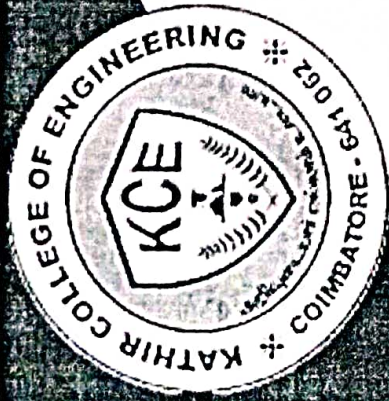
Principal

Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



M. Canna

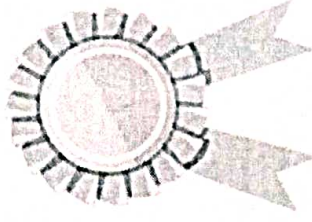
HoD



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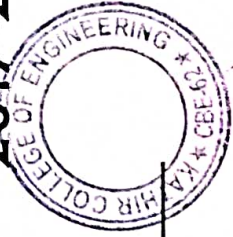
CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT

JAMUNA.G

Of III year successfully completed the add-on course in **Arm
Processor and its Application** conducted by the
Department of Electronics and Communication
engineering in the academic year
2017-2018 during **11.10.17** to **15.10.17**



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
Coimbatore - 641 067

M. Ceannas

R. Sanyal

Co-ordinator

HoD



KATHIR COLLEGE OF ENGINEERING
WISDOM TREE, NEELAMBUR,
COIMBATORE – 641 062

INDUSTRIAL SENSORS & APPLICATIONS

Dates:

26-09-2017 to 30-09-2017

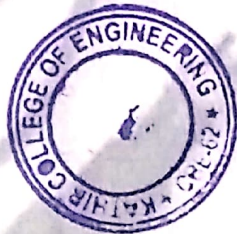
12 pm – 6 pm

by

**Mr.S. THILIBAN BABU &
Mr.V.GOKULNATH
INVENTOR AUTOMATION,
Coimbatore**

Venue:


**IIT Bombay hall- KCE
Neelambur**



**Faculty Coordinator
Mr.P.RAVIKUMAR**

**HoD/Mechanical
Prof. A.R.Suresh**

**Principal
Dr.D.ANANTHAKRISHNAN**


**PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62.**



Kathir College of Engineering

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"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore 641062

Date :08-09-17

To

The Principal,

Kathir College of Engineering

Coimbatore – 641062

Respected Sir,

Sub : Permission to conduct add on course – Reg

We have planned to conduct the add on course for the Final year MECHANICAL students from 26-09-17 to 30-09-17.

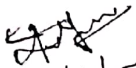
Name of the Course :Industrial Sensors and Applications

Course Code : K17A501

Course Coordinator :Mr.P.RAVIKUMAR-AP/Mech

So kindly permit us to conduct the above course and to utilize the class room and the lab

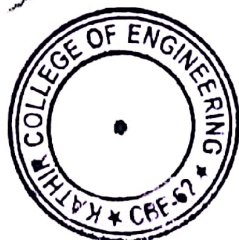
Thanking you



8/9/17

Course Coordinator


HoD/MECH


Principal




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COIMBATORE-62.



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Circular

Sub : Add on Course

It is planned to conduct the add on course for the final year Mechanical Engineering students.

The add on course are the certification course which are designed and offered by our department for the benefit of the students. Add on course will be conducted at free of cost and based on the performance of the participated students, the merit certificate will be issued after the successful completion of the course.

Students who are willing to attend the below mentioned course can enroll their names to the course coordinator.


Name of the Add on Course	Course Coordinator
Industrial Sensors and Applications	Mr.P.RAVIKUMAR-AP/Mech
Commencement of Course from 26-09-17 to 30-09-17 Time : 12 pm – 6 pm	


9/9/17
Course Coordinator


IQC Coordinator


HOD/MECH


Principal


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DEPARTMENT OF MECHANICAL ENGINEERING

Course Syllabus

Name of the Course :Industrial Sensors and Applications

Course Code :K17A501

Course Coordinator :Mr.P.RAVIKUMAR-AP/Mech

Total Hours : 30 hours

Academic Year :2017-2018

Objective:

- To make students familiar with the constructions and working principle of different types of sensors and transducers.
- To make students aware about the measuring instruments and the methods of measurement and the use of different transducers.

Unit -1

Mechanical and Electromechanical sensor

Resistive (potentiometric type): Forms, material, resolution, accuracy, sensitivity. Strain gauge, Inductive sensor: Magnetostrictive type, brief discussion with respect to material, construction and input output variable, Ferromagnetic plunger type, short analysis. LVDT: Construction, material.

Unit – II

Capacitive sensors

Variable distance-parallel plate type, variable area- parallel plate, serrated plate/teeth type and cylindrical type, variable dielectric constant type, calculation of sensitivity. Stretched diaphragm type: microphone, response characteristics. Piezoelectric element: piezoelectric effect, charge and voltage co-efficient, crystal model, materials, natural & synthetic type, their comparison, force & stress sensing, ultrasonic sensors.

Unit – III

Thermal sensors

Material expansion type: solid, liquid, gas & vapor Resistance change type: RTD materials, tip sensitive & stem sensitive type, Thermister material. Thermo emf sensor: types, thermoelectric power, general consideration, Junction semiconductor type IC and PTAT type.

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COIMBATORE-62.

Course outcomes

- Choose proper sensor comparing different standards and guidelines to make sensitive measurements of physical parameters like pressure, flow, acceleration, etc.
- Set up testing strategies to evaluate performance characteristics of different types of sensors and transducers and develop professional skills in acquiring and applying the knowledge outside the classroom through design of a real-life instrumentation system.

References:

1. Sensor & transducers, D. Patranabis, 2nd edition, PHI .
2. Measurement systems: application & design, E.A.Doebelin, McGraw Hill.


 9/9/17

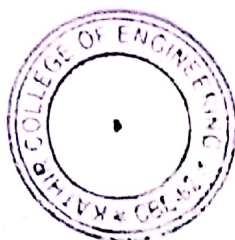
Course Coordinator


IAQC Coordinator


HOD/MECH


Principal


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COIMBATORE-62





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 Department of Mechanical Engineering

Attendance Sheet

Name of the Course :Industrial Sensors and Applications

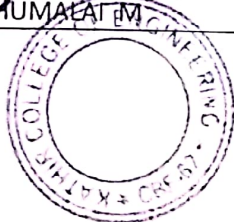
Course Code :K17A501

Course Coordinator :Mr.P.RAVIKUMAR-AP/MECH

Total Hours :30 hours

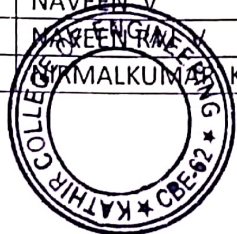
Academic Year : 2017-2018

S.No	Reg no	Name of the student	26/9	27/9	28/9	29/9	30/9	Test
1	711614114001	AGHIL P A						
2	711614114002	AJAI GODWIN A						
3	711614114003	AJITH KUMAR K						
4	711614114004	AKHIL K P						
5	711614114005	ANKIT S						
6	711614114006	ARCHUDAN R						
7	711614114007	ARJUN B						
8	711614114008	ARULMURUGAN V						
9	711614114009	ARUN K						
10	711614114010	ARUNACHALAM M						
11	711614114011	ARUNKUMAR C						
12	711614114012	ARUN KUMAR B						
13	711614114013	ARUN KUMAR M						
14	711614114014	ARUN KUMAR T						
15	711614114015	ARUN PANDIAN C						
16	711614114016	ARUN P ASHOK						
17	711614114017	ARUN SHARMA B						
18	711614114018	ARVINTH T S K						
19	711614114020	AYYASAMY R						
20	711614114021	BALAGANESAN P						
21	711614114022	BALAJI M						
22	711614114023	DANIEL RAJ A						
23	711614114024	DEEPAK V						
24	711614114025	DHANAPAL N						
25	711614114026	DHANASEKAR P						
26	711614114027	DHANA SEKAR N						
27	711614114028	DHARANEESWARAN M						
28	711614114029	DHINAKAR S						
29	711614114030	DINESH D						
30	711614114031	DINESH V						
31	711614114032	DIWAKAR S						
32	711614114033	EZHUMALAI M						



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33	711614114034	FELIX R	Felix R
34	711614114035	GANAPATHY P M	ganapathy p m
35	711614114036	GOKUL PARAMBATH NATH	Gokul Parambath Nath
36	711614114037	GOWTHAM S	Gowtham S
37	711614114039	GURU VIGNESH S R	Guru Vignesh S R
38	711614114040	HARIHARAN P J	Hariharan P J
39	711614114041	JAGATHESH KUMAR S	Jagathesh Kumar S
40	711614114043	JAYA PRAKASH M	Jaya Prakash M
41	711614114044	JAYARAM D	Jayaram D
42	711614114045	JEBESH J	Jebesh J
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44	711614114047	JOEL ANDREW J	Joel Andrew J
45	711614114048	KABILESH T	Kabilesh T
46	711614114049	KANIVARMAN V	Kanivarmann V
47	711614114050	KARMUHILAN M	Karmuhilan M
48	711614114051	KARNAN S	Karnan S
49	711614114052	KARTHICK RAJA S	Karthick Raja S
50	711614114053	KARTHIK M	Karthik M
51	711614114054	KARTHIK R	Karthik R
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56	711614114059	KAVIYARASU N	Kaviyarasu N
57	711614114060	KISHORE R (1996-11-27)	Kishore R (1996-11-27)
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60	711614114063	LOURD FERNANDEZ S	Lourd Fernandez S
61	711614114064	MADHU NISANTH B	Madhu Nisanth B
62	711614114065	MANIYARASAN R	Maniyarasan R
63	711614114066	MANOJ KUMAR M	Manoj Kumar M
64	711614114067	MANOOJKUMAAR K	Manoojkumaar K
65	711614114068	MANU K	Manu K
66	711614114072	MATHIVANAN R	Mathivanan R
67	711614114073	MEENA ANITHA A	Meena Anitha A
68	711614114074	MITHRUNANDHAN B	Mithrunandhan B
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71	711614114077	MUKILAN S	Mukilan S
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79	711614114087	NAVEEN K	Naveen K



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126	711614114135	VARUNRAJ T	



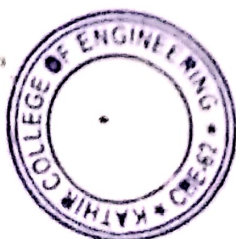
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COIMBATORE-52.

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152	711614114317	SAKTHIVEL P	29	29	29	29	29	29
153	711614114318	SANTHOSH V	29	29	29	29	29	29
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156	711614114323	THANGADURAI C	29	29	29	29	29	29
157	711614114324	VALLIAPPAN A L	29	29	29	29	29	29
158	71 614114325	VENKATESHWARAN M	29	29	29	29	29	29
159	711614114326	VIGNESH S	29	29	29	29	29	29
160	711614114327	VIGNESH KUMAR N	29	29	29	29	29	29
161	711614114701	IRUDHAYA DICKSON D	29	29	29	29	29	29
162	711614114901	ARPUTHARAJA R	29	29	29	29	29	29

Course Coordinator

Head/MECH

Principal



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Department of Mechanical Engineering

One Page Report

Name of the Course :Industrial Sensors and Applications

Academic Year :2017-2018

Course Code :K17A501

Course Coordinator :Mr.P.RAVIKUMAR-AP/MECH

I hereby affirm that the entire course contents listed in the course syllabus of the add on course "**Industrial Sensors and Applications**" has educated to the students as the part of prescribed co-curricular activities through add on program.

They have been given brief introduction about Industrial Sensors used in various mechanical applications, The topics are clearly explained the types and various applications of sensors used in industrial applications.

I confirmed that the add on course titled "**Industrial Sensors and Applications**" has been conducted and course delivery along with attendance and test performance of the students was recorded.


I confirmed that all the students are actively attended this add on course and performed well throughout the program and eligible students received the certificate.


Course Coordinator


HoD/MECH


Principal




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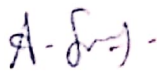
"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore 641062


CERTIFICATE OF COMPLETION

This is to certify that *Mr AGHIL P A* of Final year Mechanical Engineering successfully completed the add-on course in *Industrial Sensors and Applications* conducted by the Department of *Mechanical Engineering* in the academic year 2017- 2018 during 26.09.2017 to 30.09.2017.

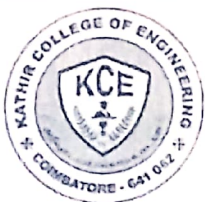



Course Co-ordinator


HoD


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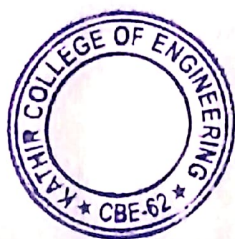
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CERTIFICATE OF COMPLETION

This is to certify that *Mr AJAI GODWIN A* of Final year Mechanical Engineering successfully completed the add-on course in *Industrial Sensors and Applications* conducted by the Department of *Mechanical Engineering* in the academic year 2017- 2018 during 26.09.2017 to 30.09.2017.

Course Co-ordinator



HoD

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Date :03-02-18

To

The Principal,

Kathir College of Engineering

Coimbatore – 641062

Respected Sir,

Sub : Permission to conduct add on course – Reg

We have planned to conduct the add on course for the Third year MECHANICAL students from 12-02-18 to 16-02-18.

Name of the Course :Industrial Robotics

Course Code : K17A502

Course Coordinator :Mr.PRADEEP T

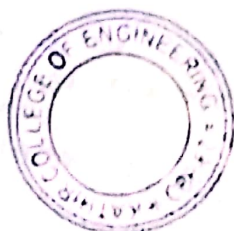
So kindly permit us to conduct the above course and to utilize the class room and the lab


Thanking you


3/2/18
Course Coordinator


HOD/MECH


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Circular

Sub : Add on Course

It is planned to conduct the add on course for the third year Mechanical Engineering students.

The add on course are the certification course which are designed and offered by our department for the benefit of the students. Add on course will be conducted at free of cost and based on the performance of the participated students, the merit certificate will be issued after the successful completion of the course.

Students who are willing to attend the below mentioned course can enroll their names to the course coordinator.

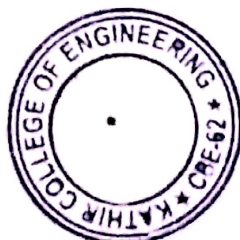
Name of the Add on Course	Course Coordinator
Industrial Robotics	Mr.PRADEEP T-AP/MECH
Commencement of Course from 12-02-18 to 16-02-18 Time : 1 pm – 6 pm	



Course Coordinator


IAQC Coordinator


HoD/MECH


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DEPARTMENT OF MECHANICAL ENGINEERING

Course Syllabus

Name of the Course :Industrial Robotics

Course Code :K17A502

Course Coordinator :Mr.PRADEEP T,AP/MECH

Total Hours : 30 hours

Academic Year :2017-2018

Objective:

The goal of the course is to familiarize the students with the concepts and techniques in robotic engineering, manipulator kinematics, dynamics and control, chose, and incorporate robotic technology in engineering systems.

Unit - I Introduction to Robotics

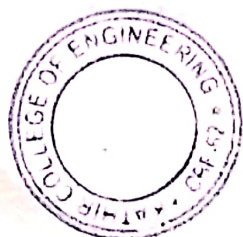
Automation and Robotics – An over view of Robotics – present and future applications. Components of the Industrial Robotics: common types of arms. Components, Architecture, number of degrees of freedom – Requirements and challenges of end effectors, Design of end effectors, Precision of Movement: Resolution, Accuracy and Repeatability, Speed of Response and Load Carrying Capacity.


Unit – II Motion Analysis

Basic Rotation Matrices, Equivalent Axis and Angle, Euler Angles, Composite Rotation Matrices. Homogeneous transformations as applicable to rotation and translation. Manipulator Kinematics-H notation-H method of Assignment of frames-H Transformation Matrix, joint coordinates and world coordinates, Forward and inverse kinematics – problems on Industrial Robotic Manipulators.

Unit – III Robot Application in Manufacturing

Material Transfer – Material handling, loading and unloading- Processing – spot and continuous arc welding & spray painting – Assembly and Inspection. Robotic Programming Methods – Languages: Lead through Programming, Textual Robotic Languages such as APT, MCL.





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Course outcomes

At the end of the course, the student will be able to understand the basic components of robots. Differentiate types of robots and robot grippers. Model forward and inverse kinematics of robot manipulators. Analyze forces in links and joints of a robot. Programme a robot to perform tasks in industrial applications. Design intelligent robots using sensors

References:

1. Klafter R.D, Chmielewski T.A and Negin M., "Robotic Engineering - An Integrated Approach", Prentice Hall, 2003.
2. Groover M.P, "Industrial Robotics -Technology Programming and Applications", McGraw Hill, 2001.


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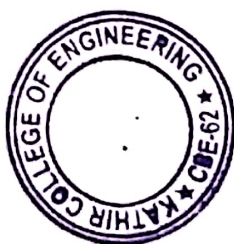

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 Department of Mechanical Engineering

Attendance Sheet

Name of the Course :Industrial Robotics

Course Code :K17A502

Course Coordinator :Mr.PRADEEP T-AP/MECH

Total Hours :30 hours

Academic Year : 2017-2018

S.No	Reg no	Name of the student	12/02	13/02	14/02	15/02	16/02	Test
1	711615114003	AbhishekPrabhakaran	Atk	Atk	Atk	Atk	Atk	Atk
2	711615114004	Abinandhan B	Atk	Atk	Atk	Atk	Atk	Atk
3	711615114008	Ajith Kumar S	Atk	Atk	Atk	Atk	Atk	Atk
4	711615114009	Alagudeepan C	Atk	Atk	Atk	Atk	Atk	Atk
5	711615114010	Aravindasamy P	Atk	Atk	Atk	Atk	Atk	Atk
6	711615114012	Arul Raj R	Atk	Atk	Atk	Atk	Atk	Atk
7	711615114014	Arunkumar M	Atk	Atk	Atk	Atk	Atk	Atk
8	711615114016	Ayyappan A	Atk	Atk	Atk	Atk	Atk	Atk
9	711615114017	BalaChandran B	Atk	Atk	Atk	Atk	Atk	Atk
10	711615114023	Boopathi S	Atk	Atk	Atk	Atk	Atk	Atk
11	711615114024	Brightson V	Atk	Atk	Atk	Atk	Atk	Atk
12	711615114029	Dhiyaneshwaran B	Atk	Atk	Atk	Atk	Atk	Atk
13	711615114030	Dineshkumar T	Atk	Atk	Atk	Atk	Atk	Atk
14	711615114032	Gajendran S	Atk	Atk	Atk	Atk	Atk	Atk
15	711615114034	Gokulraj S	Atk	Atk	Atk	Atk	Atk	Atk
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17	711615114040	Jone Justin J	Atk	Atk	Atk	Atk	Atk	Atk
18	711615114042	Kaliswaran E	Atk	Atk	Atk	Atk	Atk	Atk
19	711615114043	Karan L	Atk	Atk	Atk	Atk	Atk	Atk
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26	711615114060	Krishna Kriba Karan B	Atk	Atk	Atk	Atk	Atk	Atk
27	711615114061	LinoMathai	Atk	Atk	Atk	Atk	Atk	Atk
28	711615114071	Manoj S	Atk	Atk	Atk	Atk	Atk	Atk
29	711615114072	Manojkumar A	Atk	Atk	Atk	Atk	Atk	Atk
30	711615114075	Mohamed Afeek A	Atk	Atk	Atk	Atk	Atk	Atk
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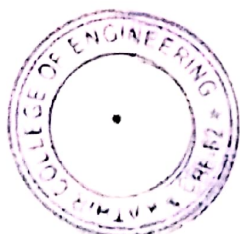
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42	711615114102	Rajkumar N	Raj	Raj	Raj	Raj	Raj	Raj
43	711615114108	Sanjay Khan N	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
44	711615114109	Santhosh M	Santh	Santh	Santh	Santh	Santh	Santh
45	711615114121	Sivakumar D	Siva	Siva	Siva	Siva	Siva	Siva
46	711615114122	Sivanesh S	Sivan	Sivan	Sivan	Sivan	Sivan	Sivan
47	711615114129	Sundar C	Sund	Sund	Sund	Sund	Sund	Sund
48	711615114130	Sureshkannan S	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh
49	711615114131	Tamilselvan K	Tamil	Tamil	Tamil	Tamil	Tamil	Tamil
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53	711615114146	VignesVaran K	Vign	Vign	Vign	Vign	Vign	Vign
54	711615114151	Vishnu Prabhu D	Vish	Vish	Vish	Vish	Vish	Vish
55	711615114152	Vivek G	Vive	Vive	Vive	Vive	Vive	Vive
56	711615114301	Arunkumar.G	Arun	Arun	Arun	Arun	Arun	Arun
57	711615114302	Boopthi.M	Boop	Boop	Boop	Boop	Boop	Boop
58	711615114312	Seethapathi N	Seeth	Seeth	Seeth	Seeth	Seeth	Seeth
59	711615114313	Sreepathy R	Sree	Sree	Sree	Sree	Sree	Sree
60	711615114314	Venkatachalam P	Venka	Venka	Venka	Venka	Venka	Venka

[Signature]
Course Coordinator

[Signature]
HOD/MECH

[Signature]
Principal

[Signature]



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"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore 641062

Department of Mechanical Engineering

One Page Report

Name of the Course :Industrial Robotics

Academic Year :2017-2018

Course Code :K17A501

Course Coordinator :Mr.PRADEEP T-AP/MECH

I hereby affirm that the entire course contents listed in the course syllabus of the add on course "**Industrial Robotics**" has educated to the students as the part of prescribed co-curricular activities through add on program.

At the end student able to understand the basic components of robots. Differentiate types of robots and robot grippers. Model forward and inverse kinematics of robot manipulators. Analyze forces in links and joints of a robot. Write a programme a robot to perform tasks in industrial applications.

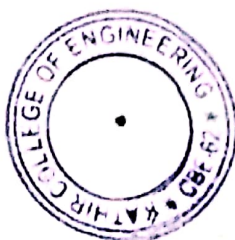
I confirmed that the add on course titled "**Industrial Robotics**" has been conducted and course delivery along with attendance and test performance of the students was recorded.


I confirmed that all the students are actively attended this add on course and performed well throughout the program and eligible students received the certificate.


Course Coordinator


HoD/MECH


Principal




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COIMBATORE-62



KATHIR COLLEGE OF ENGINEERING

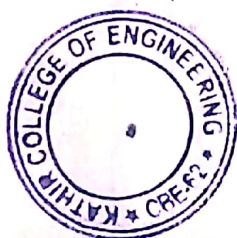
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CERTIFICATE OF COMPLETION

This is to certify that **Mr Abinandhan B** of Third year Mechanical Engineering successfully completed the add-on course in **Industrial Robotics** conducted by the Department of **Mechanical Engineering** in the academic year 2017- 2018 during 12.02.2018 to 16.02.2018.

Course Co-ordinator



HoD

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COIMBATORE-62.

Principal



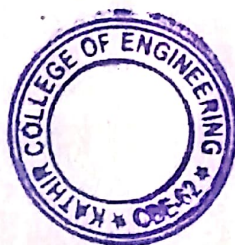
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CERTIFICATE OF COMPLETION

This is to certify that **Mr Abhishek Prabhakaran** of Third year Mechanical Engineering successfully completed the add-on course in **Industrial Robotics** conducted by the Department of **Mechanical Engineering** in the academic year 2017- 2018 during 12.02.2018 to 16.02.2018.



Course Co-ordinator

HoD

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Principal



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Date: 01.11.2017

Permission Letter

To

The Principal,

Kathir College of Engineering,

Coimbatore – 641062.

Respected Sir,

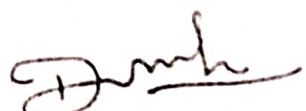
Sub: Requesting for Permission to conduct value added program reg: -

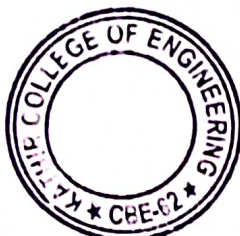
On behalf of the Science and Humanities Department, I Dr.K.N.Kannan nithin, Head of the department. Am requesting you to permit us to conduct a value-added program on "Bio-Chemistry" for first year students. The course is planned for 30 hours from 06/11/2017 to 10/11/2017.


Thanking you


Course Coordinator


HoD/S&H


Principal
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DATE:03.11.2017

CIRCULAR

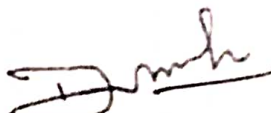
VALUE ADDED COURSE IN CHEMISTRY

The Department of Chemistry has planned to conduct value added course in the topic "Bio chemistry" from 06.11.2017 to 10.11.2017 for the first-year students. The Interested students can give their willingness to course coordinator on or before 03.11.2017.


Course Coordinator



IQAC


HoD/S&H


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DEPARTMENT OF SCIENCE AND HUMANITIES

Add on Course Willingness List

ADD on 1 Coordinator: Mrs.a.Radhika.,AP/Chemistry Academic Year: 2017-2018

ADD on 2 Coordinator: Dr.V.S.Angulakshmi.,AP/Chemistry

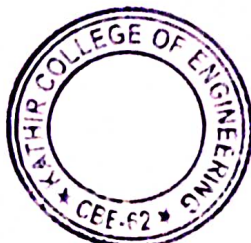
S.No	Name of the Student	Add On 1- Bio-Chemistry	Add On 2- Nano Chemistry	Signature
1	ABINAYA M	✓		Abinaya M
2	APARNA SHREE R	✓		R. Aparna
3	ARAVIND S		✓	Aravind S
4	ASWIN SE	✓		Aswin S.E
5	BATHIRAN N	✓		Bathiran N.
6	BHARANI DHARAN M		✓	Bharani
7	BHARATHI KANNAN A	✓		A. Bharathi
8	CHITHAMANI R	✓		Chithamani R.
9	EBI BENITTA J	✓		Ebi Benitta J.
10	GNANASEKAR G		✓	Gnanasekar G.
11	GOBIKRISHNAA P	✓		Gobikrishnaa P.
12	INDHUMATHI R	✓		Indhumathi R.
13	JOSEPH RAJ M	✓		Joseph Raj M.
14	KARTHIKEYAN G	✓		Karthikeyan G.
15	LISHA D		✓	Lisha D.
16	LOGANATHAN S	✓		Loganathan S.
17	MADHUMITHA S	✓		Madhumitha S.
18	MURALITHARAN S	✓		Muralitharan S.
19	NANDHINI R	✓		Nandhini R.
20	NANDHINI S	✓		Nandhini S.
21	NITHYA SHREE J	✓		Nithya Shree J.

22	PRAVEEN T		✓	Praveen T
23	PRAVIN J	✓		Pravin J
24	PRIYADHARSHINI B	✓		Priyadharshini B
25	RAMYA A	✓		Ramya A
26	RAVIKUMAR V	✓		Ravikumar V
27	RESHMA C	✓		Reshma C
28	SADHEESH S	✓		Sadheesh S
29	SARAN A		✓	Saran A
30	SARAN N B		✓	Saran N B
31	SATHISHKUMAR M	✓		Sathishkumar M
32	SREELAKSHMI K RAJEEVAN	✓		Sreelakshmi K Rajeevan
33	SRI KRISHNA S		✓	Sri Krishna S
34	SUNU PRASADH M	✓		Sunu Prasad M
35	SURENDAR A	✓		Surender A
36	SUWATHI V		✓	Suwathi V
37	THABASUM M	✓		Thabasum M
38	VARUN PRASATH M		✓	Varun Prasath M
39	VASUKIDEVI P		✓	Vasukidevi P
40	VIGNESH M		✓	Vignesh M
41	VIGNESH R	✓		Vignesh R
42	VINOTHINI M	✓		Vinothini M
43	VINOTH KUMAR M			Vinoth Kumar M
44	YUGA PRIYA B	✓		Yuga Priya B

AB
Course Coordinator

Jun
HoD/S&H

Dr. M. V. Vignesh
Principal



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DEPARTMENT OF SCIENCE AND HUMANITIES

Course syllabus

Name of the Course : Bio-chemistry

Course Code : K17A701

Course Coordinator: Mrs.A.Radhika.,AP/Chemistry

Total Hours :30 Hours

Academic Year: 2017-2018

Objective: To acquire knowledge on the structure and functions of biomolecules.

Lecture - 1: Carbohydrates: -Definition and Classification of carbohydrate. Fructose and Arabinose, Linear and ring forms for glucose and fructose. Disaccharides -Definition- Sucrose, maltose and Lactose occurrence, structure and functions.

Lecture - 2: Amino acids: - Definition and classification of amino acids. Reaction of amino acids with ninhydrin, Color reactions of amino acids Amphoteric nature, isoelectric pH and Zwitter ion.

Lecture - 3: Proteins: - Proteins-Definition. Peptide bond formation. Classification of proteins based on solubility, shape and size.

Lecture - 4: Lipids: - Definition, classification and functions of lipids. Physical property-emulsification. Chemical property-saponification. Functions of bile acids and bile salts. Occurrence, chemistry and biological functions of simple lipids, compound lipids.

Lecture - 5: Nucleic acids: - Nucleic acid- Composition of nucleic acid. Definition - nucleoside, nucleotide and polynucleotide. Double helical model of DNA and its biological functions. Chargaff's rule. Differences between DNA and RNA.

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Course outcomes:

Upon completion of the course, the student will be able to

CO1: Explain the structure, biological importance of carbohydrates, from monosaccharides to polysaccharides.

CO2: Identify the structure and classification of amino acids.

CO3: Classify proteins and explain their properties.

CO4: Define and classify lipids with examples, explain the properties of fats and describe the structure and biological functions of phospholipids, glycolipids and sterols.

CO5: Illustrate the structure of nucleotides, distinguish DNA and RNA and describe the structure of DNA, types of RNA and their biological functions.

REFERENCE BOOKS:

1. J. L. Jain, Nitin Jain, Sunjai Jai., Fundamentals of Biochemistry 7th edition S. Chand @ Co.Ltd., 2016

2. David L. Nelson, Michael M. Cox Lehninger principles of Biochemistry 7th edition Freeman W.H. and Company 2017.



Course Coordinator


IQAC


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DEPARTMENT OF SCIENCE AND HUMANITIES

Course Delivery

Name of the Course : Bio-chemistry

Course Code : K17A701

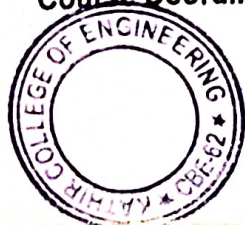
Course Coordinator: Mrs.A.Radhika., AP/Chemistry

Total Hours :30 Hours

Academic Year : 2017-2018

S.No	Topics Covered	Date of Delivery
1	Introduction Carbohydrate, Definition and Classification of carbohydrate, Fructose and Arabinose.	06.11.2017
2	Linear and ring forms for glucose and fructose. Disaccharides – Definition- Sucrose.	
3	Maltose and Lactose occurrence, Structure and functions.	
4	Amino acids: - Definition and classification of amino acids	07.11.2017
5	Reaction of amino acids with ninhydrin, Color reactions of amino acids Amphoteric nature, isoelectric pH and Zwitter ion.	
6	Proteins: - Proteins-Definition. Peptide bond formation	08.11.2017
7	Classification of proteins based on solubility, shape and size.	
8	Lipids: - Definition, classification and functions of lipids. Physical property-emulsification.	09.11.2017
9	Chemical property-saponification. Functions of bile acids and Bile salts.	
10	Occurrence, chemistry and biological functions of simple lipids, compound lipids.	10.11.2017
11	Nucleic acid: - Composition of nucleic acid. Definition - nucleoside, nucleotide and polynucleotide.	
12	Double helical model of DNA and its biological functions	
13	Chargaff's rule. Differences between DNA and RNA.	

Course Coordinator



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Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

Department of Science and Humanities

Attendance Sheet

S.No.	Reg Number	Students Name	06.11.2017	07.11.2017	08.11.2017	09.11.2017	10.11.2017	Students Signature
1.	711617104001	ABINAYA M	/	/	a	/	/	Abinaya M.
2.	711617104002	APARNA SHREE R	/	/	/	/	/	R. Aparna
3.	711617104003	ARAVIND S	/	a	/	/	a	Aravind S
4.	711617104004	ASWIN SE	/	/	/	/	a	Aswin S.E
5.	711617104005	BATHIRAN N	/	/	/	/	/	Bathiran N.
6.	711617104006	BHARANI DHARAN M	/	/	a	/	/	Bharani
7.	711617104007	BHARATHI KANNAN A	/	/	/	/	/	A. Bharathi
8.	711617104008	CHITHAMANI R	/	/	/	/	/	Chithamani R
9.	711617104009	EBI BENITTA J	/	/	/	/	/	Ebi Benitta J
10.	711617104010	GNANASEKAR G	a	/	/	/	/	Gnanasekar G
11.	711617104011	GOBIKRISHNAA P	/	/	/	/	/	Gobikrishna P
12.	711617104012	INDHUMATHI R	/	/	/	/	a	Indhumathi R
13.	711617104013	JOSEPH RAJ M	/	/	a	/	a	Joseph Raj M

14.	711617104014	KARTHIKEYAN G	/	a		/	/	lsh..
15.	711617104015	LISHA D	/	/	/	/	/	ling
16.	711617104016	LOGANATHAN S	/	/	/	/	/	Int's
17.	711617104017	MADHUMITHA S	/	/	/	/	/	mee
18.	711617104018	MURALITHARAN S	/	/	/	/	/	Hunt
19.	711617104019	NANDHINI R	/	/	a	/	/	Nandhu
20.	711617104020	NANDHINI S	/	/	/	/	/	Randy.S
21.	711617104021	NITHYA SHREE J	/	/	/	/	a	Bithy
22.	711617104022	PRAVEEN T	/	/	/	/	a	Taveen.T
23.	711617104023	PRAVIN J	/	/	/	/	/	Pravin.J
24.	711617104024	PRIYADHARSHINI B	a	/	/	/	/	Priyadhar.B
25.	711617104025	RAMYA A	a	/	/	/	/	A.Ramya
26.	711617104026	RAVIKUMAR V	/	/	/	/	/	Ravi.Vg
27.	711617104027	RESHMA C	/	/	/	/	/	C.Pesha
28.	711617104028	SADHEESH S	/	/	/	/	/	Ganesh
29.	711617104029	SARAN A	/	/	/	/	a	Saraj.
30.	711617104030	SARAN N B	/	/	/	/	/	Ravish.
31.	711617104031	SATHISKUMAR M	/	/	/	/	/	Sathishkumar
32.	711617104032	SREELAKSHMI K RAJEEVAN	/	/	/	/	/	Sreelakshmi.K
33.	711617104033	SRI KRISHNA S	/	/	/	/	/	Srikrishna.S
34.	711617104034	SUNU PRASADH M	/	/	/	/	/	Sunupaasadh.M

35.	711617104035	SURENDAR A	/	/	/	/	/	Surendar R
36.	711617104036	SUWATHI V	/	/	/	/	a	Suwathi V
37.	711617104037	THABASUM M	/	a	/	/	a	Thabasu
38.	711617104038	VARUN PRASATH M	/	/	/	/	/	Varun Prasath M
39.	711617104039	VASUKIDEVI P	/	/	/	a	/	P. Vasuki
40.	711617104040	VIGNESH M	/	/	/	a	/	Vignesh M
41.	711617104041	VIGNESH R	/	/	/	/	/	Vignesh R
42.	711617104042	VINOTHINI M	/	/	/	/	/	M. Vinodhini
43.	711617104043	VINOTH KUMAR M	/	/	/	/	/	Vinodh
44.	711617104044	YUGA PRIYA B	/	a	/	/	a	Yuga Priya B


Course Coordinator


HOD




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DEPARTMENT OF SCIENCE AND HUMANITIES

ONE PAGE REPORT

Name of the course: Bio chemistry

Course code : K17A701

Resource Person : Dr.S.Sujatha, Associate Professor

Program Schedule : 06.11.2017 to 10.11.2017

Dr.S.Sujatha has elaborated about structure and biological importance of carbohydrates . She also illustrated the structure of nucleotides and described about the structure of DNA , types of RNA and their biological function. Classification of amino acids, proteins and their properties has been taught. Finally, the students acquired knowledge on the structure and functions of biomolecules.

Course Coordinator


HoD/S&H

Principal

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Department of Science and Humanities

Add-on Course BIO-CHEMISTRY

TIME

9:30 am to 12:30 pm

2:00 pm to 4:00 pm

DATE

06/11/2017 to

10/11/2017

VENUE

Auditorium (second floor)

Resource
person

Dr. S.Sujatha

Associate Professor,
Department of Chemistry,
M.A.M College of Engineering
and Technology,
Trichy- 621105



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms S. LOGANATHAN - I CSE
Department of SCIENCE AND HUMANITIES has attended
a Add-on Course on BIO - CHEMISTRY
conducted from 06/11/2017 To 10/11/2017

AB

Course Coordinator



je

HOD

Dr. J. S. S.

Principal



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Date: 07.03.2018

Permission Letter

To

The Principal,

Kathir College of Engineering,

Coimbatore – 641062.

Respected Sir,

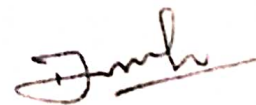
Sub: Requesting for Permission to conduct value added program reg: -

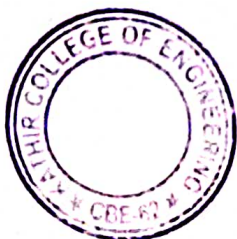
We are planning to conduct a value-added program on "Advanced Calculus and Set Algebra" for first year students. The course is planned for 30 hours. The teaching classes are planned from 12.03.2018 to 16.03.2018. Kindly permit us to conduct this program.


Thanking you


Course Coordinator


HoD/S&H


Principal




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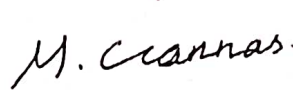
DATE: 08.03.2018

CIRCULAR


VALUE ADDED COURSE IN MATHEMATICS

The Department of Mathematics has planned to conduct value added course in the topic "Advanced Calculus and Set Algebra" from 12.03.2018 to 16.03.2018 for the first-year students. The Interested students can give their willingness to course coordinator on or before 10.03.2018.



Course Coordinator


IQAC


HoD/S&H


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DEPARTMENT OF SCIENCE AND HUMANITIES

Add on Course Willingness List

ADD on 1 Coordinator: Mr. S. Saravanan., AP/Mathematics

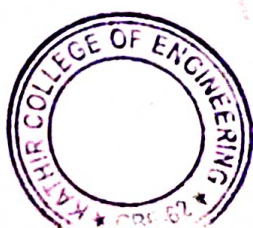
Academic Year: 2017-2018


ADD on 2 Coordinator: Dr. N. Ramya., AP/Mathematics


S.No	Name of the Student	Add On 1- Algebra	Add On 2- Advanced Calculus and Set Algebra	Signature
1	ARUN KUMAR S	✓		Arun K
2	BALAVIGNESS N	✓		N. Balavigness
3	CONCILIYA S	✓		Conciliya S
4	DESING D		✓	Desing D
5	HARIHARAN R		✓	Hariharan R
6	KABILAN M		✓	Kabilan M
7	KALPANA T		✓	Kalpana T
8	KAVIYARASU C	✓		Kaviyarasu C
9	MAHENDRAN V		✓	Mahendran V
10	PACHAIYAPPAN K		✓	Pachaiyappan K
11	PRADEESH J		✓	Pradeesh J
12	PRAVEEN KUMAR K		✓	Praveen Kumar K
13	TAMILARASAN J	✓		Tamilarasan J
14	VINOTHINI S		✓	Vinothini S
15	VISHWA E		✓	Vishwa E
16	AATHERSH N		✓	Aathersh N
17	ANITHA A	✓		Anitha A
18	ARUN KUMAR A		✓	Arun Kumar A
19	ASHWIN S		✓	Ashwin S
20	BALAMURUGAN A	✓		Balamurugan A
21	BHARATH K	✓		Bharath K

22	DINESH S		✓	Dinesh
23	DIVYA R	✓	✓	Divya
24	GOWTHAM BALAJI T		✓	Gowtham
25	INDHU S		✓	Indhu S.
26	JEBASTA S		✓	Jebasta S.
27	JISHNU R		✓	Jishnu R.
28	KAVIYA K		✓	Kaviya K.
29	KISHOREKUMAR M	✓		Kishore Kumar M.
30	KOUSIK C		✓	Kousik C.
31	LOGAKRISHNAN N		✓	Logakrishnan N.
32	LOSHANA SRI K	✓		Loshana S.K.
33	MUTHU VASANTHA KUMAR V		✓	Muthu Vasantha Kumar V.
34	NAVEEN KUMAR S		✓	Naveen Kumar S.
35	PAVITHRA K	✓		Pavithra K.
36	PRASANTH S		✓	Prasanth S.
37	PRAVEENA Y	✓		Praveena Y.
38	PRAVEEN KUMAR M	✓	✓	Praveen Kumar M.
39	PREETHI J		✓	Preethi J.
40	RAMYA NANDHINI M		✓	Ramya Nandhini M.
41	RANJITHKUMAR V		✓	Ranjith Kumar V.
42	SAKUNTHALA P	✓		Sakunthala P.
43	SARATH R	✓	✓	Sarath R.
44	SOWMIYA K		✓	Sowmiya K.
45	SUDHEESH M		✓	Sudheesh M.
46	SURENDAR R		✓	Surender R.
47	TAMILMANI R		✓	Tamilmani R.
48	VINOTHA K	✓		Vinotha K.
49	VIVEK S		✓	Vivek S.
50	YUVAN SHANKAR R		✓	Yuvan Shankar R.


Course Coordinator




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DEPARTMENT OF SCIENCE AND HUMANITIES

Course syllabus

Name of the Course : Advanced Calculus and Set Algebra Course Code : K17A702

Course Coordinator: Dr.N.Ramya.,AP/Mathematics Total Hours :30 Hours

Academic Year: 2017-2018

Objective: Engineering Mathematics is an essential tool for describing and analyzing engineering process and systems. It enables precise representation and communication of knowledge. The objective of the course is to expose students to understand the basics and importance of Vector Calculus, Complex Differentiation, Complex Integration, Sets and Relations and Functions which are being widely used in Information Sciences.

UNIT I: VECTOR CALCULUS

Gradient – Directional derivative – Divergence and Curl – Irrotational and Solenoidal vector fields – Vector Integration – Line Integrals – Applications of Vector calculus in Information Science.

UNIT II: COMPLEX DIFFERENTIATION

Limit and derivative of a complex function – Analytic functions – Cauchy-Riemann equations – Harmonic functions – Construction of analytic functions by Milne - Thomson's Method – Conformal mappings: $w = z + c$, cz , $1/z$ and Bilinear transformation – Applications of complex differentiation in Information Science.

UNIT III: COMPLEX INTEGRATION

Complex integration – Statements of Cauchy's theorem and Cauchy's integral formula – Laurent's series – Singular points – Residues – Calculation of Residues – Cauchy's Residue theorem – Applications of complex integration in Information Science.

UNIT IV: SETS AND RELATIONS

Algebra of sets – The Power set – Ordered pairs and Cartesian products – Relations on sets – Types of relations and their properties – Equivalence relations – Operations on relations – Applications of sets and relations in Information Science.

UNIT V: FUNCTIONS

Functions – Classification of functions –Types of functions – Injective, surjective and bijective functions – Composition of functions – Inverse functions – Characteristic function of a set – Applications of functions in Information Science.

Course outcomes:

Upon completion of the course, the student will be able to

CO1: Perform vector calculus operations such as gradient, divergence and curl in vector and scalar fields.

CO2: Gain knowledge to construct the analytic function and to find the image of given region under conformal mapping.

CO3: Gain knowledge to solve the problems by using complex integration.

CO4: Understand set algebra and relations which are widely used in theoretical computer science.

CO5: Gain the knowledge of functions and inverse function which is used in computer graphics.

TEXT BOOK:

T1. Grewal.B.S, "Higher Engineering Mathematics", 44th Edition, Khanna Publishers, New Delhi, 2017.

T2. Tremblay J P and Manohar R, "Discrete Mathematical Structures with Applications to Computer Science", Tata McGraw Hill, New Delhi, 2017

REFERENCE BOOKS:

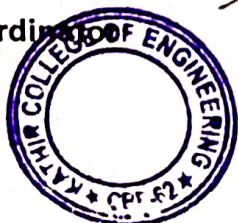
1. Bali N. P and Manish Goyal, "A Text book of Engineering Mathematics", 9 th Edition, Laxmi Publications Pvt Ltd., 2010.

2. Glyn James, "Advanced Modern Engineering Mathematics", 4 th Edition, Pearson Education, 2011.

3. Kenneth H Rosen, "Discrete Mathematics and its Applications", Tata McGraw Hill, New Delhi, 7 th Edition, 2013.

4. Kreyszig E., "Advanced Engineering Mathematics", 10th Edition, John Wiley and sons, 2011.

Course Coordinator



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DEPARTMENT OF SCIENCE AND HUMANITIES

Course Delivery

Name of the Course : Advanced Calculus and Set Algebra

Course Code: K17A701

Course Coordinator : Dr.N.Ramya., AP/Mathematics

Total Hours:30 Hours

Academic Year : 2017-2018

S.No	Topics Covered	Date of Delivery
1	Introduction to Vector Calculus, Gradient – Directional derivative – Divergence and Curl.	12.03.2018
2	Irrotational and Solenoidal vector fields – Vector Integration.	
3	Line Integrals – Applications of Vector calculus in Information Science.	
4	Limit and derivative of a complex function – Analytic functions – Cauchy-Riemann equations.	13.03.2018
5	Harmonic functions – Construction of analytic functions by Milne – Thomson's Method.	
6	Conformal mappings: $w = z + c$, cz , $1/z$ and Bilinear transformation and Applications of complex differentiation.	
7	Complex integration – Statements of Cauchy's theorem and Cauchy's integral formula.	14.03.2018
8	Laurent's series – Residues – Calculation of Residues.	
9	Cauchy's Residue theorem - Applications of complex integration.	
10	Algebra of sets – The Power set – Ordered pairs and Cartesian products.	15.03.2018
11	Principle of inclusion and exclusion –Types of relations and their properties.	
12	Relational matrix and the graph of relation and Applications of sets and relations.	
13	Functions – Classification of functions –Types of functions.	16.03.2018
14	Injective, surjective and bijective functions –Inverse functions.	
15	Characteristic function of a set – Applications of functions.	

Course Coordinator



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Department of Science and Humanities


Attendance Sheet

S.No.	Reg Number	Students Name	12.03.2018	13.03.2018	14.03.2018	15.03.2018	16.03.2018	Sign
1	711617105001	ARUN KUMAR S	/	/	/	a	/	Arun K.S.
2	711617105002	BALAVIGNESS N	/	/	/	a	/	Balavigness N
3	711617105003	CONCILIYA S	/	/	/	/	/	Conciliya S
4	711617105004	DESING D	/	a	/	/	a	Desing D
5	711617105005	HARIHARAN R	/	/	/	/	/	Hariharan R
6	711617105006	KABILAN M	/	/	/	a	a	Kabilan M
7	711617105007	KALPANA T	/	/	/	/	/	Kalpana T
8	711617105008	KAVIYARASU C	/	/	/	/	/	Kaviyarasu C
9	711617105009	MAHENDRAN V	/	/	/	/	/	Mahendran V
10	711617105010	PACHAIYAPPAN K	/	a	/	a	/	Pachaiyappan K
11	711617105011	PRADEESH J	/	a	/	/	/	Pradeesh J
12	711617105012	PRAVEEN KUMAR K	/	/	/	/	/	Praveen Kumar K
13	711617105013	TAMILARASAN J	/	/	/	/	/	Tamilarasan J

14	711617105014	VINOTHINI S	/	/	/	/	/	/	/	Vinothini
15	711617105015	VISHWA E	/	/	/	/	/	/	/	Vishwa
16	711617106001	AATHERSH N	/	/	/	/	/	/	/	Aatharsh
17	711617106002	ANITHA A	/	/	/	/	/	/	/	Anitha
18	711617106003	ARUN KUMAR A	/	/	/	/	/	/	/	Arun Kumar
19	711617106004	ASHWIN S	/	/	/	/	/	/	/	Ashwin
20	711617106005	BALAMURUGAN A	/	/	/	/	/	/	/	Balamurugan
21	711617106006	BHARATH K	/	/	/	/	/	/	/	Bharath
22	711617106007	DINESH S	/	/	/	/	/	/	/	Dinesh
23	711617106008	DIVYA R	/	/	/	/	/	/	/	Divya
24	711617106009	GOWTHAM BALAJI T	/	/	/	/	/	/	/	Gowtham
25	711617106010	INDHU S	/	/	/	/	/	/	/	Indhu
26	711617106011	JEBASTA S	/	/	/	/	/	/	/	Jebasta
27	711617106012	JISHNU R	/	/	/	/	/	/	/	Jishnu
28	711617106013	KAVIYA K	/	/	/	/	/	/	/	Kaviya
29	711617106014	KISHOREKUMAR M	/	/	/	/	/	/	/	Kishore
30	711617106015	KOUSIK C	/	/	/	/	/	/	/	Kousik
31	711617106016	LOGAKRISHNAN N	/	/	/	/	/	/	/	Logakrishnan
32	711617106017	LOSHANA SRI K	/	/	/	/	/	/	/	Loshana
33	711617106018	MUTHU VASANTHA KUMAR V	/	/	/	/	/	/	/	Muthu
34	711617106019	NAVEEN KUMAR S	/	/	/	/	/	/	/	Naveen

35	711617106020	PAVITHRA K	/	/	/	/	/	K. Pavithra
36	711617106021	PRASANTH S	/	/	/	/	/	PRASANTH S
37	711617106022	PRAVEENA Y	/	/	/	a	a	Praaveena Y
38	711617106023	PRAVEEN KUMAR M	/	/	/	/	/	Praaveen Kumar
39	711617106024	PREETHI J	/	/	/	/	/	Preethi J
40	711617106025	RAMYA NANDHINI M	/	/	/	/	/	Ramyam
41	711617106026	RANJITHKUMAR V	/	/	/	/	/	Ranjith
42	711617106027	SAKUNTHALA P	/	/	/	/	/	Sakunthala
43	711617106028	SARATH R	/	/	/	a	/	Sarath R
44	711617106029	SOWMIYA K	/	/	/	/	/	Sowmya K
45	711617106030	SUDHEESH M	/	a	/	/	a	Sudheesh
46	711617106031	SURENDAR R	/	a	/	/	/	Surender
47	711617106032	TAMILMANI R	/	/	/	/	/	Tamilmani
48	711617106033	VINOTHA K	/	/	/	/	/	Vinodh K.
49	711617106034	VIVEK S	/	/	/	/	/	Vivek S
50	711617106035	YUVAN SHANKAR R	/	a	/	/	/	Yuvan Shankar


Course Coordinator


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DEPARTMENT OF SCIENCE AND HUMANITIES

ONE PAGE REPORT

Name of the course: Advanced Calculus and Set Algebra

Course code :K17A702

Resource Person :Dr.N.Saivaraju.,Professor

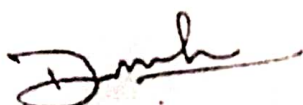
Program Schedule :12.03.2018 to 16.03.2018

After the completion of Dr.N.Saivaraju's session the students gained the knowledge to solve the problems by complex integration and to construct the analytic function. He explained about set algebra and relations. He overviewed the concepts on vector calculus operation. At last, everyone learnt about the function and inverse function.

50 students have attended this session and exposed them to understand the basics and importance of advance calculus and set algebra.


Course Coordinator


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Department of Science and Humanities

Add-on Course

ADVANCED CALCULUS
AND
SET ALGEBRA

DATE March 12, 2018 to
March 16, 2018
TIME 10:00am to 1:00 pm
2:00pm to 4:00pm
VENUE Auditorium

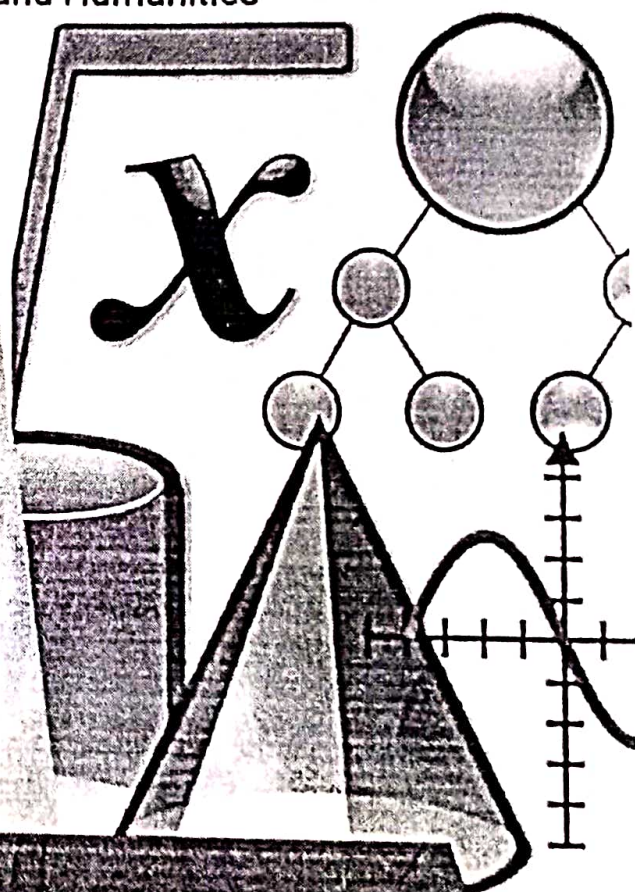
Resource person

Dr. N.Saivaraju

Professor in Mathematics,

Shri Angalamman College of Engineering &
Technology,

Trichy-621105.





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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms D. DESING (I EEE)
Department of SCIENCE AND HUMANITIES has attended
a Add-on Course on ADVANCED CALCULUS AND SET ALGEBRA
conducted from 12-03-18 To 16-03-18.

Course Coordinator



HOD

Principal



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Date: 5.10.2017

To,
The Principal,
Kathir College of Engineering,
Coimbatore - 62.

Respected Sir,


Sub: Permission to conduct certificate program - Reg

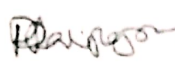
We have planned to conduct a certificate Program for our I MBA students from 9.10.2017 to 13.10.2017.


Name of the Certificate Program	Course Coordinator
The Return of Protectionism in World Trade: implications	Mr.D.David Baburaj
Course duration 9.10.2017 to 13.10.2017	Time: 9.00 am to 4.00 pm

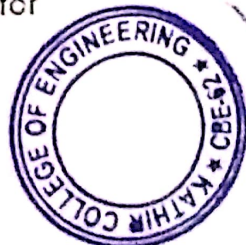
Hence, I kindly request you to give us permission to conduct the course.

Thanking You,

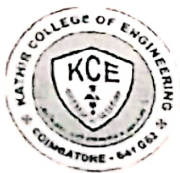

Course Co-ordinator


HoD/MBA


Principal



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CIRCULAR

Date: 8.10.2017

Sub: Certificate Program

It is planned to conduct certificate program for II MBA Students. The Certificate Program are short term certificate courses which are designed and offered by our department for the benefits of our students. Course will be conducted at free of cost and based on the performance of the participating students, the merit certificate will be issued after the successful completion of the course.

Name of the Certificate Program	Course Coordinator
The Return Of Protectionism in world trade: implications	Mr.D.David Baburaj
Course duration 9.10.2017 to 13.10.2017:9.00am to 4.00pm	

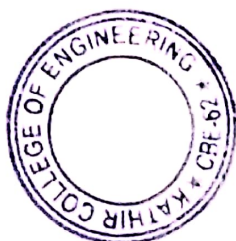
The students those who are willing to attend the above mentioned course can enroll their name to the course co-ordinator.

Deonj
Course Co-ordinator

M. C. Annas
IQAC Co-ordinator

Prapagn
HoD/MBA

[Signature]
Principal



[Signature]
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DEPARTMENT OF MANAGEMENT STUDIES CERTIFICATE PROGRAM – (II Year- III Semester)

Course Syllabus

Name of the Course : The Return of Protectionism in World trade implications Course Code: K17A601
Course Co-ordinator: Mr.D.David Baburaj Academic Year: 2017 - 2018
Total Hours: 30 Hours

OBJECTIVES: The course aims to bring wider perspective of protectionism in world trade

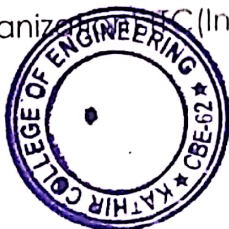
UNIT : 1 INTRODUCTION Liberalization and Globalization-background, meaning, reforms, industrial growth, impact, an assessment, issues and challenges. Privatization and disinvestment of PSU"s-concept meaning objectives, disinvestment strategies. Foreign investment-meaning, need, adverse implication of foreign investment, determinants of foreign investment, government policies, new policies, FDI-(assignment) Multinational corporation- origin, meaning, definition, objectives, reasons for growth of mnc"s, impact,

UNIT: 2 EXPORT & IMPORT

Assessment India's import-Export policies-Exim policies, India's Exim performance, export, import, export promotion measures. Special economic zones and agri export zones.-concept, meaning, definition, benefits, features, facilities of SEZ in India Provision of SEZ rules in India, SEZ a global over view.MRTP Act, FERA, FEMA

UNIT: 3 WORLD TRADE

International business environment- nature trend in world trade and economic growth, International organizations-IMF, WB,WTO,IFC(International finance corporation), ADB(Asian development bank"s),UNIDO(united nations industrial development organization),ITC(International trade centre),GSP(generalized



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system of preference), GSTP (generalized systems of trade references), GATT (General agreement on tariff and trades) GATS (general agreement on trade and services)

UNIT -4

INDUSTRIES IN ECONOMIC DEVELOPMENT

WTO- background, meaning, functions, principle of trading, provision for developing country National Income- definition, concept, Methodology of National Income estimation in India, saving and investments, major features of NI, difficulties or limitations in estimation of NI Industrialization and Economic 9 development- concept, meaning, pattern of Industrialization, role of Industries in Economic development..

UNIT - 5

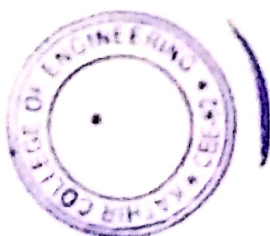
BREXIT -EUROPEAN UNION (EU-The goals of the European Union are Stability, a single currency, mobility and growth- Brexit- Article 50 extension- Idea behind Brexit- Reasons that lead to Brexit- The Immediate Consequences of the Brexit Vote- Impact of Brexit on United Kingdom- Consequences of a Hard Brexit- Impact of Brexit in UK- The Brexit impact to European countries- Consequences for the United States- The Brexit and India- Impact of Brexit on China- UK-China trade agreement.

Danij
Course Co-ordinator

M. Ceannas
IQAC Co-ordinator

Devgan
HoD/MBA

D. S. S.
Principal



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DEPARTMENT OF MANAGEMENT STUDIES CERTIFICATE PROGRAM (I Year – I Sem) STUDENT LIST

Name of the Course: The Return of Protectionism in
World trade implications

Course Co-ordinator: Mr.D.David Baburaj

Total Hours: 30 Hours

Course Code: K17A601

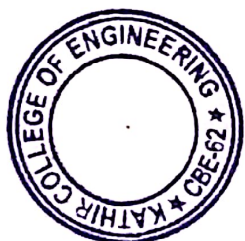
Academic Year: 2017-2018

S.No	Register Number	Name
1	711617631001	AJITH KUMAR S
2	711617631002	AKILAN J
3	711617631004	ANTONY CLEMENT S
4	711617631005	ARUN KUMAR S
5	711617631007	BARATHIRAJA R
6	711617631008	BAVITHARINI KARTHIKA S
7	711617631010	GOWTHAM N
8	711617631011	IMRANKHAN J
9	711617631013	JEEVANANTHAM S
10	711617631014	JENITH J K
11	711617631016	KALAISELVI C
12	711617631018	KANAGARAJ M
13	711617631019	KANNAN P
14	711617631022	KAVITHA E
15	711617631026	PAVITHRAN C
16	711617631027	POOVARASAN D A
17	711617631029	PRAVEEN KUMAR G
18	711617631033	SHIVA THARANI V
19	711617631037	SUMATHI N
20	711617631041	VIGNESH S

Damy
Course Co-ordinator

Haripriya
HoD/MBA

Dr. J. S. S.
Principal



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DEPARTMENT OF MANAGEMENT STUDIES CERTIFICATE PROGRAM (I Year – I Sem) COURSE DELIVERY

Name of the Course: The Return of Protectionism in
World trade implications

Course Co-ordinator: Mr.D.David Baburaj

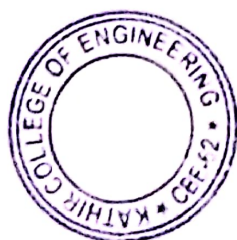
Total Hours: 30 Hours

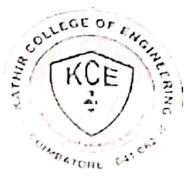
Course Code: K17A601

Academic Year: 2017-2018

S.no	Topics to be covered	Hours	Date of delivery
1	Introduction - Liberalization and globalization	6	9.10.2017
2	Privatization – Foreign investment MNC		
3	FDI and MNC'S impact		
4	Industrial growth issues and challenges		
5	Export and import	6	10.10.2017
6	MRTP ACT, FERA, FEMA		
7	Special economic zones and Agri export zones		

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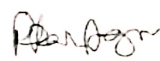


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S.no	Topics to be covered	Hours	Date of delivery
8	World trade	6	11.10.2017
9	LMF, WB,WTO,IFC(International Finance corporation), ADB(Asian development bank"s) unido		
10	GSP(Generalized system of preference),GSTP(Generalized systems of Trade)		
11	Industries in economic development	6	12.10.2017
12	WTO – impacts in trade		
13	Methodology of national income		
14	Brexit -European union	6	13.10.2017
15	Impact of Brexit on china- UK-china trade agreement.		
16	Impact of Brexit on united kingdom- consequences of a hard Brexit-		

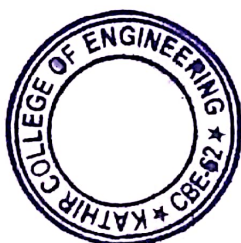

Course Co-ordinator


HoD/MBA


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DEPARTMENT OF MANAGEMENT STUDIES CERTIFICATE PROGRAM (I Year – I Sem)

ATTENDANCE SHEET

Name of the Course: The Return of Protectionism in
World trade implications

Course Co-ordinator: Mr.D.David Baburaj

Course Code: K17A601
Academic Year: 2017-2018

S.No	Register Number	Name	09.10.2017	10.10.2017	11.10.2017	12.10.2017	13.10.2017	Signature
1	711617631001	AJITH KUMAR S	/	/	/	a	/	Ajith S.
2	711617631002	AKILAN J	/	/	/	/	/	Akila J.
3	711617631004	ANTONY CLEMENT S	/	/	/	/	/	Antony S.
4	711617631005	ARUN KUMAR S	a	/	/	/	a	Arun S.
5	711617631007	BARATHIRAJA R	/	/	/	a	/	Barathiraja R.
6	711617631008	BAVITHARINI KARTHIKA S	/	/	/	/	/	Bavitharini K.
7	711617631010	GOWTHAM N	/	a	/	/	a	Gowtham N.
8	711617631011	IMRANKHAN J	/	a	/	/	/	Imrankhan J.
9	711617631013	JEEVANANTHAM S	/	/	/	/	/	Jeevanantham S.
10	711617631014	JENITH J K	/	/	/	/	a	Jenith J K.
11	711617631016	KALAISELVI C	/	/	/	/	a	Kalaiselvi C.
12	711617631018	KANAGARAJ M	a	/	a	/	/	M. Kanagaraj.
13	711617631019	KANNAN P	/	/	/	/	/	Kannan P.
14	711617631022	KAVITHA E	/	a	/	/	/	Kavitha E.
15	711617631026	PAVITHRAN C	/	a	/	/	/	Pavithran C.
16	711617631027	POOVARASAN D A	/	/	/	/	/	Poovarasan D A.
17	711617631029	PRAVEEN KUMAR G	a	/	/	/	/	Praveen K G.
18	711617631033	SHIVA THARANI V	/	/	/	/	/	Shiva Tharani V.
19	711617631037	SUMATHI N	/	/	/	/	/	Sumathi N.
20	711617631041	VIGNESH S	/	/	/	a	/	Vignesh S.

Dmy.
Course Co-ordinator

R. Praveen
HoD/MBA

[Signature]
Principal




PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62

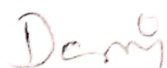


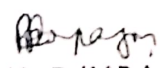
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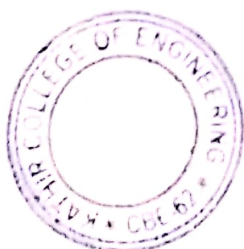
RESOURCE PERSON DETAILS

Title of the Program	THE RETURN OF PROTECTIONISM IN WORLD TRADE IMPLICATIONS
Course Code	K17A601
Duration and Timing of the Program	30 Hrs, 9.00 AM to 4.00 PM
Name Of the Resource person	Dr. Sripirabaa
Photo of the resource person	
Designation	AP/MBA Dept., GRG School of Management Studies, Coimbatore.
Educational qualification	BE, MBA, Phd.,


Course Co-ordinator


HoD/MBA


 Principal





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DEPARTMENT OF MANAGEMENT STUDIES CERTIFICATE PROGRAM (I Year – I Sem)

One Page Report

Name of the Course: The Return of protectionism
In world trade: implications
Course Co-ordinator: Mr.D.David Baburaj

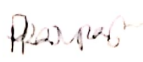
Course Code: K17A601
Total Hours: 30 Hours

I hereby Affirm that entire course content in the certified course The Return of Protectionism in world Trade listed in the certified program has been performed by the students as the part of the prescribed Co-Curricular activities through add on course by Anna University.

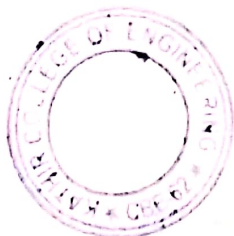
I Confirm that the certified program title The return of Protectionism in world Trade was coordinated by me in the beginning of the semester and course delivery with the attendance of the students was recorded.

I conform that all the students for this certificate program actively attended and performed well throughout the duration and eligible students received the participation certificate.


Course Coordinator


HoD/MBA


Principal




PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62.



Kathir College of Engineering

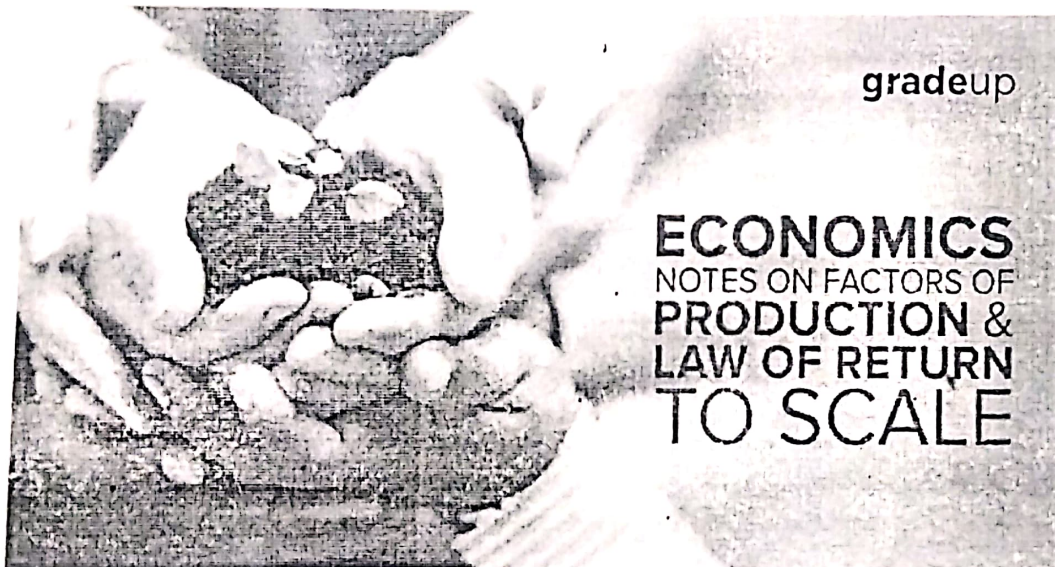
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Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

ADD ON COURSE

THE RETURN OF PROTECTIONISM IN WORLD TRADE IMPLICATIONS

9/10/2017 - 13/10/2017



RESOURCE PERSON: DR. SRIPIRABAA,

Assistant Professor, MBA Department.

GRG SCHOOL OF MANAGEMENT STUDIES

TIME : 9.00 AM - 4.00 PM



Kathir College of Engineering
"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore-62

Department of Management Studies

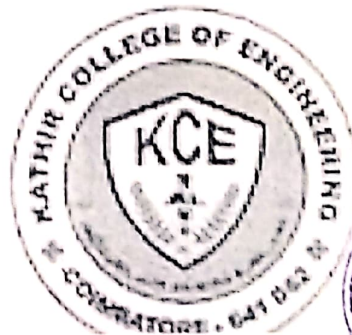
CERTIFICATE OF COMPLETION

this certificate is proudly presented to

Kavitha E

This certificate is awarded for attending certificate program on "The Return of Protectionism in World Trade: Implications" from 9.10.2017 to 13.10.2017

Damj



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