ACADEMIC YEAR

2021-2022

ADD ON /CERTIFICATE PROGRAMS

ACADEMIC YEAR 2021-2022

1.2.2.1 NUMBER OF ADDON/CERTIFICATE PROGRAMS OFFERED
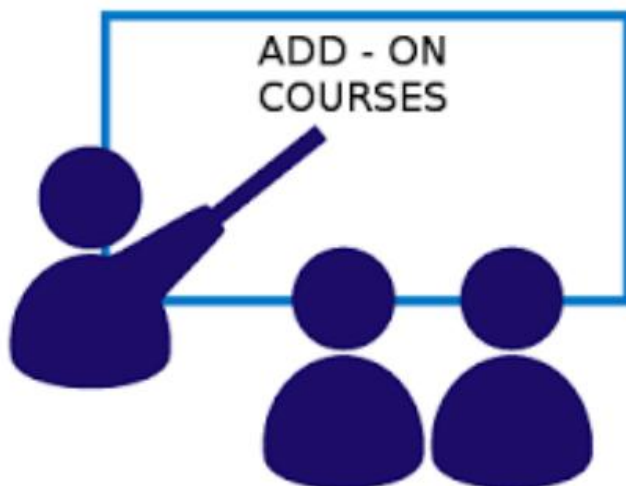
S.No	Department	No. of Courses
1.	Civil Engineering	10
2.	Computer Science Engineering	14
3.	Electronics and Communication Engineering	09
4.	Electrical and Electronics Engineering	07
5.	Mechanical Engineering	09
6.	Science & Humanities	01
7.	Training & Placement	03
	TOTAL	**53**

22/8/22
IQAC COORDINATOR

22/8/2022
PRINCIPAL

ACADEMIC YEAR 2021-2022

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR

2021-2022

DEPARTMENT OF CIVIL ENGINEERING

ADD - ON
COURSES

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TÜV
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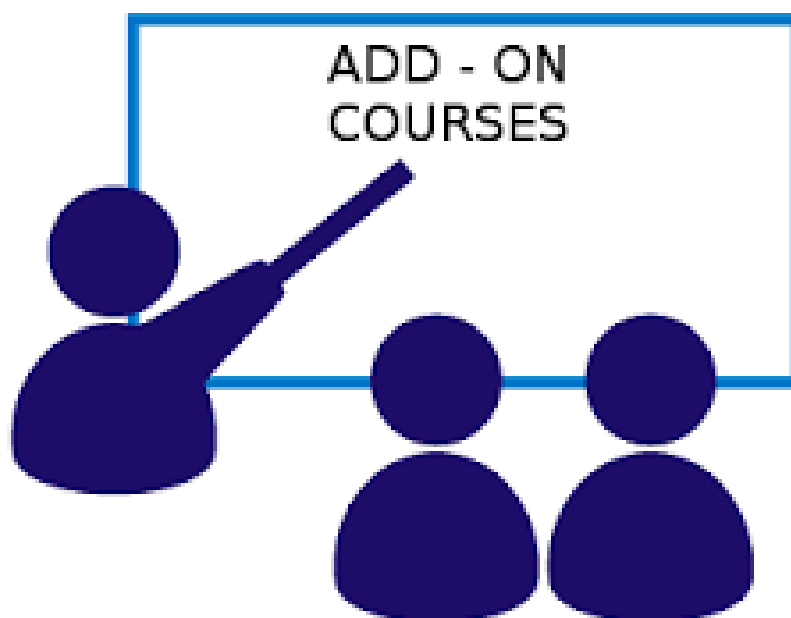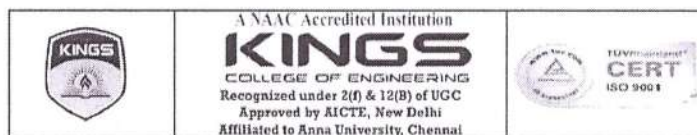
DEPARTMENT OF CIVIL ENGINEERING

ADD ON PROGRAMS / CERTIFICATE COURSE DURING THE ACADEMIC YEAR

Academic Year 2021-22

S.No	COURSE TITLE	NO. OF HOURS HANDLED	NO. OF STUDENTS ATTENDED
1.	Value added course (VAC) on Construction Technology	30hrs	20
2.	MHRD sponsored IIT Bombay certification course on "QCAD"– II Yr	30 hrs	22
3.	MHRD sponsored IIT Bombay certification course on "INKSCAPE"– III Yr	30 hrs	20
4.	MHRD sponsored IIT Bombay certification course on "LATEX"– IV Yr	30 hrs	27
5.	SWAYAM course on "Building Cost Estimation simplified" - III Yr	30 hrs	15
6.	SWAYAM course on "Concrete Technology" - III Yr	30 hrs	15
7.	My Credit Course on "Sketchup" IV Yr	30 hrs	27
8.	MHRD sponsored IIT Bombay certification course on "GIMP"– II Yr	30 hrs	22
9.	MHRD sponsored IIT Bombay certification course on "BLENDER"– III Yr	30 hrs	20
10.	MHRD sponsored IIT Bombay certification course on "BLENDER"– IV Yr	30 hrs	27

Total No. of Add-on Courses organized : 10
No. of students Attended   : 215

FACULTY IN-CHARGE

HOD/CIVIL
HOD
Department of Civil Engineering
Kings College of Engineering,
Punalkulam, Thanjavur - 613 303

PRINCIPAL
PRINCIPAL
Kings College of Engineering
PUNALKULAM - 613 303.

Value Added Course

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DEPARTMENT OF CIVIL ENGINEERING

SUBJECT : CONSTRUCTION TECHNOLOGY

SEMESTER : V

QUESTION BANK (CVA001)
(Version : 3)

PREPARED BY

Mr.M.BALAJI, AP/CIVIL

CVA001	CONSTRUCTION TECHNOLOGY	L T P C 2 0 0 2

UNIT I   STANDARD METHODS OF MEASUREMENTS AND UNITS   6

System of units-Fundamental & Derived units-conversion of units -Civil engineering measurements- Measurements of materials and works-Accuracy of results.

UNIT II   BUILDING PLANNING   6

Building plan-Specifications-Drawing- Building bye laws and Regulations

UNIT III ESTIMATION-ABSTRACT AND DETAILING   6

Types of Estimates-Detail & Abstract Estimates of Buildings- Analysis of Rates-Estimation of Quantities of Steel & RCC Elements-Earthwork calculations-Detailed estimate.

UNIT IV   STRUCTURAL ELEMENTS   6

Materials for Reinforced Concrete-Bar Bending-Sheet centering-Scaffolding.

UNIT V   FIELD/SITE WORK/CONSTRUCTION ACTIVITIES   6

Site marking-Foundation-Plinth Beam-Components of building

TOTAL : 30 PERIODS

STAFF INCHARGE
(Mr.M.BALAJI)

HOD/CIVIL
(Mrs.R.REVATHI)

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DEPARTMENT OF CIVIL ENGINEERING
COURSE PLAN

Sub. Code : CVA001	**Branch/Year/Sem**	: B.E CIVIL /III/V
SubName : Construction Technology	**Batch**	: 2019-2023
Staff Name : Mr.M.Balaji	**Academic Year**	: 2021-2022 (ODD)

COURSE OBJECTIVE

Students will be able to:

- To learn the fundamental units of materials used in construction.
- To know the specifications used for building planning.
- To learn the abstract Estimates of Buildings
- To understand the effect of bar bending in reinforced concrete.
- To know the field work in construction
- To know and understand the general construction processes and their sequences

TEXTBOOKS:

T1. N.Mathankumar, "Estimating and Quantity Surveying", ARS Publications, Chennai 2018

T2. G.S.Birdie and T.D.Ahuja., "Building Construction and Construction materials", Dhanpat Rai
Publishing Company, 4th edition, New Delhi, 2007.

REFERENCES:

R1.Karthikeyan.N,V.Soundararajan, K.Chandrasekar,"Construction Materials", ARS Publications,
Chennai, 2015.

R2.Bhavikatti.S.S, "Building Materials", Vikas Publishing House Pvt Ltd,2015.

WEB RESOURCES

W1.https://www.slideshare.net/mrmartella/standards-of-measurement-presentation

(Topic.No:01)

W2. https://www.slideshare.net/RCNandish/bye-laws   **(Topic.No:10)**

W3. https://nptel.ac.in/courses/105104161/8

(Topic.No:12)

W4. https://nptel.ac.in/courses/105102088/2   **(Topic.No:17)**

W5. https://nptel.ac.in/courses/105/102/105102088/#   **(Topic.No:20)**

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT I	STANDARD METHODS OF MEASUREMENTS AND UNITS					6
01	System of units	T1 W1	1.8	BB PPT	1	1
02	Fundamental & Derived units	T1	1.8	BB	1	2
03	Conversion of units	T1	1.8	BB	1	3
04	Civil engineering measurements	T1 R1	1.11 17,35	BB	1	4
05	Measurements of materials and works	T1	95-112	BB	1	5
06	Accuracy of results	T1	1.10	BB	1	6

LEARNING OUTCOME

At the end of this unit, students will be able to
- Learn about the Fundamental & Derived units
- Understand the Civil engineering measurements

UNIT II	BUILDING PLANNING					6
7	Building plan	T2 R2	26.489 1.1	BB	2	8
8	Specifications	T1 T2	3.16-3.37 21.435-21.449	BB	1	9
9	Drawing	T2	26.491-26.502	BB	2	11
10	Building bye laws and Regulations	T2 W2	26.493	BB PPT	1	12

LEARNING OUTCOME

At the end of this unit, students will be able to
- Draw the Building plan
- Study the building regulations

UNIT III	ESTIMATION-ABSTRACT AND DETAILING					6
11	Types of Estimates	T1	1.3	BB	1	13
12	Detail & Abstract Estimates of Buildings	T1 W3	1.5-1.6	BB NPTEL	1	14
13	Analysis of Rates	T1 T2	3.4-3.9 21.439	BB	1	15
14	Estimation of Quantities of Steel & RCC Elements	T1	1.12-1.16	BB	1	16
15	Earthwork calculations	T1 R1	2.42 126	BB	1	17
16	Detailed estimate	T1	1.7-1.88	BB	1	18

LEARNING OUTCOME

At the end of this unit, students will be able to
- Study the analysis of rates
- Understand the Earthwork calculations

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT IV		STRUCTURAL ELEMENTS				6
17	Materials for Reinforced Concrete	T2 R1 W4	18.348 95-115	BB NPTEL	2	20
18	Bar Bending	T2 R2	18.350 4.20	PPT	1	21
19	Sheet centering	T2	7.178	BB	2	23
20	Scaffolding	T2 W5	7.172	NPTEL	1	24

LEARNING OUTCOME

At the end of this unit, students will be able to
- Know the materials required for Reinforced Concrete
- Understand the requirement of bar bending and Sheet centering

UNIT V		FIELD/SITE WORK/CONSTRUCTION ACTIVITIES				6
21	Site marking	T2	2.13-2.14	On site	2	26
22	Foundation	T2 R2	3.2-3.5 4.2	On site	2	28
23	Plinth Beam	T2	3.69	On site	1	29
24	Components of building	T2	8.185 9.217 10.235	On site	1	30

LEARNING OUTCOME

At the end of this unit, students will be able to
- Do the Site marking in Construction
- Know the reinforcement detailing in Foundation

COURSE OUTCOME

At the end of the course, the students will able to
- To understand the knowledge of planning and construction
- Learn the building bye laws and regulations
- Know the sustainable concept in constructions
- Understand the concept of doing scaffolding in construction site

CONTENT BEYOND THE SYLLABUS
- Study of building construction in India.

INTERNAL ASSESMENT DETAILS

ASS NO	I	II
TOPIC	1-14	15-24
DATE		

M. Balaji
Prepared by
Mr.M.BALAJI, AP/CIVIL

J. [signature] 15/9/2021
Approved by
PRINCIPAL

[signature] 15/9/21
Verified By
HOD/CIVIL

Format-QP09

DEPARTMENT OF CIVIL ENGINEERING
TIME TABLE (AUG 2021 – DEC 2021, ODD SEM)
VALUE ADDED COURSE: B.E – CE (Regulation 2017)

Session	1	2	3	12:30 PM - 01:30 PM	4	5
Day	09:30 AM - 10:30 AM	10:30 AM - 11:30 AM	11:30 AM - 12:30 PM		01:30 PM - 02:30PM	02:30 PM - 03:30PM
SAT	CVA001 (Construction Technology)			LUNCH BREAK		

SUB CODE	NAME OF THE SUBJECT	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
CVA001	Consrtuction Technology	2	Mr.M.Balaji	CE	3

15/9/21
HOD /CIVIL

15/9/2021.
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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2021-2022 (ODD SEMESTER)

VALUE ADDED COURSE-REPORT

"CVA001-CONSTRUCTION TECHNOLOGY"

The department of civil engineering, Kings College of engineering, conducted a value added course titled on *"CVA001-CONSTRUCTION TECHNOLOGY"* from 18.08.2021 to 30.11.2021 for the pre-final year (V semester) civil students. Totally 20 students have enrolled for the course. Mr.M.BALAJI AP/CIVIL Coordinated the course.

After getting approval from HOD/CIVIL and Principal of kings college of engineering, the syllabus of value added course construction technology was approved from the director, center for academic courses, Anna university, Chennai with the course code CAV001. 2 credits are assigned to the value added course by the Anna University. The course commences on 18.08.2021 and ends on 30.11.2021. The course was successfully completed for the batch 2019-2023.

SESSION DETAILS

VAC session was handled by Mr. M.BALAJI AP/CIVIL, he discussed about the process of finding an estimate, or approximation, which is a value that is usable for some purpose even if input data may be incomplete, uncertain, or unstable. The value is nonetheless usable because it is derived from the best information available.

He also explained the overall planning, coordination, and control of a construction process from the start to the end. The objectives of project management are to produce a project that meets client requirements on budget and schedule, and at acceptable risk, quality, and safety. He also discussed about the

- ❖ Basic measurements and SI units
- ❖ Building planning and its specification.
- ❖ Quantity and Quality of Building materials
- ❖ Estimation and costing.

STAFF INCHARGE
(Mr.M.BALAJI)

HOD/CIVIL
(Mrs.R.REVATHI)

SWAYAM COURSE

FREE ONLINE EDUCATION

swayam

शिक्षित भारत, उन्नत भारत

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2021-22 (ODD SEM)
III YR CIVIL SWAYAM COURSE – PROGRESS SHEETS

IGNOU » Building Cost Estimation Simplified

≡   Course Progress

Jayaseelan

Date enrolled: 2021-08-26

Email: jayaseelan10.2002@gmail.com

Name: Jayaseelan

Assessment scores

Final Quiz: **80.0**

Announcement:
You are currently receiving course related emails. Click here to unsubscribe.

Discussion forum:
If you want to unsubscribe from forum Click here

Manage course registration from your profile

8:55 PM 3.8KB/s ⚙   🛜 📶 4G 📶 (63)

≡   Course Progress

Anbumani s

Date enrolled: 2021-08-28

Email: anbumaniselvam19@gmail.com

Name: Anbumani s

Assessment scores

Final Quiz: **67.0**

Announcement:
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Discussion forum:
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Manage course registration from your profile

■   ◉   ◀

IGNOU » Building Cost Estimation Simplified

≡   Course Progress

F.Daniel navis

Date enrolled: 2021-08-28

Email: danielnavis2001@gmail.com

Name: F.Daniel navis

Assessment scores

Final Quiz: 67.0

Announcement:
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Discussion forum:
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IGNOU » Concrete Technology

≡   Course Progress

M.Monika

Date enrolled: 2021-08-28

Email: monikacivil1007@gmail.com

Name: M.Monika

Assessment scores

Module-1 Quiz: -

Module-2 Quiz: -

Final Assignment: **63.0**

Announcement:
You are currently receiving course related emails. Click here to unsubscribe.

≡   □   ◁

Course Progress

S.Divya

Date enrolled: 2021-08-27

Email: shandivyaer@gmail.com

Name: S.Divya

Assessment scores

Final Quiz: **80.0**

Announcement:
You are currently unsubscribed from course related emails.Click here to resubscribe.

Discussion forum:
If you want to unsubscribe from forum

Course Progress

Madhumitha.R

Date enrolled: 2021-08-27

Email: madhumitharamkumar123@gmail.com

Name: Madhumitha.R

Assessment scores

Module-1 Quiz: -

Module-2 Quiz: -

Final Assignment: **67.0**

Course Progress

Janani. T. S

Date enrolled: 2021-08-27

Email: jj4718999@gmail.com

Name: Janani. T. S

Assessment scores

Final Quiz: **77.0**

Announcement:

Course Progress

Sathya.p

Date enrolled: 2021-08-27

Email: sathya1422002@gmail.com

Name: Sathya.p

Assessment scores

Module-1 Quiz: **70.0**

Module-2 Quiz: **50.0**

Final Assignment: **73.0**

Announcement:
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Discussion forum:
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Course Progress

Kuralarasan

Date enrolled: 2021-08-27

Email: vrtkural2002@gmail.com

Name: Kuralarasan

Assessment scores

Final Quiz: **77.0**

Announcement:
You are currently receiving course related
emails. Click here to unsubscribe.

Discussion forum:
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here

Course Progress

SANTHOSH

Date enrolled: 2 0 2 1 - 0 8 - 2 6

Email: 9 3 6 0santhosh@gmail.com

Name: SANTHOSH

Assessment scores

Final Quiz: **8 0.0**

Announcement:
You are currently receiving course

Course Progress

N. Jayachandran

Date enrolled: 2021-08-27

Email: jayachanran002@gmail.com

Name: N. Jayachandran

Assessment scores

Final Quiz: **80.0**

Announcement:
You are currently receiving course
related emails. Click here to
unsubscribe.

Discussion forum:
If you want to unsubscribe from forum
Click here

Course Progress

Agalya.B

Date enrolled: 2021-08-27

Email: aagalya559@gmail.com

Name: Agalya.B

Assessment scores

Final Quiz: **80.0**

MY CREDIT COURSE

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2021 – 2022 EVEN SEMESTER

MY CREDIT COURSE (SKETCHUP) REPORT

The Department of Civil Engineering in association with CADD Centre, Thanjavur organized a My Credit course (SKETCHUP) for IV Year students

OBJECTIVE

The objective of the course is to enrich the students upgrading and their knowledge in recent Civil Engineering software. To enhance the student's skills, SKETCHUP were chosen as My Credit Course (MCC) for IV year students.

SESSION DETAILS

SketchUp is a powerful 3D software application used for architecture, interior design, game design, and basic 3D modelling. Staffs from CADD Centre handled the session for IV year students in hybrid mode. This course is taught using **SketchUp for Windows**. Topics include drawing tools, modify commands, component libraries, layering systems, modelling solids, surface treatments, and working with prefab objects.

IV YEAR CIVIL STUDENTS ATTENDING THE COURSE

OUTCOME OF THE COURSE

At the end of session, the students would be,

- Gained hands on experience in creating various simple objects using SketchUp tools.
- Able to create a more advanced interior objects by their own skills.
- Capable to create 3D illustrations and models with SketchUp

Course Coordinator 2/6/2022

02/06/2022
HOD/CIVIL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

List of Value Addition courses offered during the academic year 2021-2022

S.No	Course Title	Course Duration	No of Students Attended
1	Value Added Course on VB.Net	45 hrs	49
2	Refresher course on C Programming	30 hrs	65
3	Swayam course on Android mobile application development	12 Weeks	38
4	Swayam course on Cloud Computing	08 Weeks	26
5	Swayam course on Introduction to Cyber Security	12 Weeks	25
6	Swayam course on Web Development Technology & Multimedia Application	12 Weeks	26
7	Swayam course on Python for Data Science	04 Weeks	42
8	Swayam course on Data Analytics with Python	12 Weeks	156

03/06/22

HOD/CSE
HOD of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.

03/6/2022

PRINCIPAL
PRINCIPAL
Kings College of Engineering.
PUNALKULAM - 613 303.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course

Academic Year

2021 - 2022

AFFILIATED INSTITUTIONS
FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
LIST OF VALUE ADDED COURSES

S. NO	CODE ALLOTTED	COURSE TITLE	L	T	P	C
1.	IVA001	Design Thinking	1	0	1	2
2.	IVA002	PCB Design, Embedded System Interfacing with Arduino & Robotics	1	0	1	2
3.	IVA003	Interactive Web Designing and Progressive Java	1	0	1	2
4.	IVA004	Robotics and its Applications	1	0	1	2
5.	IVA005	VB.NET	1	0	2	2
6.	IVA006	Enterprise Application Development and Deployment on Cloud using IBM Bluem'ix	0	0	2	1
7.	IVA007	Predictive Modeling using IBM SPSS Modeler	0	0	2	1
8.	IVA008	Enterprise Mobile Application Development using IBM Worklight	0	0	2	1
9.	IVA009	iOS App Development	0	0	2	1
10.	IVA010	Transfer Learning Frameworks	0	0	2	1
11.	IVA011	Data Science with Python	1	0	1	2
12.	IVA012	Internet of Things with Node MCU	0	0	2	1
13.	IVA013	Virtual Instrumentation	1	0	1	2
14.	IVA014	IC Test Engineering	1	0	1	2
15.	IVA015	Learning C	1	0	1	2
16.	IVA016	Internet of Things Using Broadcom BCM2837	1	0	1	2
17.	IVA017	PHP and MYSQL	0	0	2	
18.	IVA018	Advanced Python and Introduction to Machine Learning	0	0	2	1
19.	IVA019	Real Time Electronics System Design	1	0	1	2
20	IVA020	Case Study – Operating System Design	0	0	2	1
21.	IVA021	Case Study – Network Design	0	0	2	1
22.	IVA022	Electronic Circuits Making and PCB Design	0	0	2	1
23	IVA023	Data Mining Laboratory	0	0	2	1
24.	IVA024	Multimedia Laboratory	0	0	2	1
25	IVA025	Visual Basic Laboratory	0	0	2	1
26.	IVA026	Advanced Java Programming	1	0	1	2
27.	IVA027	Website Blog Design	0	0	2	1
28.	IVA028	Virtual Instrumentation Using Lab View	1	0	1	2
29.	IVA029	Angular J S	0	0	2	1
30.	IVA030	Simulation and Analysis of Networks Using Software (NS-2)	0	0	2	1
31.	IVA031	The Ruby Programming Language	0	0	2	1
32.	IVA032	VB Net Programming	0	0	2	1

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

Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL /VAC/58/21-22   16.08.2021

To
The Director
Center for Academic Courses
Anna University, Chennai

Respected Sir,

        Sub: Requisition for approving the Value Added Course on VB.Net for the
          batch of 2019 – 2023 –reg

        Ref: Letter No. 2521/AU/VA/CAC/2019 dt. 30.05.2019

As per the AU Regulation 2017, CSE department of our college has planned to conduct the Value Added Course with 2 credits on the topic of VB.NET for the batch 2019 – 2023 having the strength of 49 students.

We received approval from Center for Academic Courses, Anna University, Chennai (as cited above) for the above mentioned value added course during academic year 2018 - 2019 and two batch of students had completed the value added course successfully.

In this regard, we seek your consent to conduct the same value added course during the current academic year 2021 - 2022 (Odd Semester).

Thank You,

Regards,

J-signature
16/8/2021

Encl:

    i)   Copy of the Approval letter
    ii)   Copy of the Approved Syllabus
    iii)   Copy of the timetable

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ISO 9001

Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsengg.edu.in, Thanjavur Information Centre : - 04362-279779

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. R. RAJU
DIRECTOR
Letter No:2521/AU/VA/CAC/2019

30.05.2019

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub : A.U. - CAC - Affiliated Institutions - Value Added Course - Reg.
Ref : Letter No.KCE/PRL/VAC/115/18-19, dated 22.05.2019.
******

With reference to the letter cited above, the following Value Added Course offered by Kings College of Engineering, Affiliated Institutions is allotted the course code as detailed below.

SI.NO	CODE ALLOTTED	TITLE
1.	IVA005	VB.NET
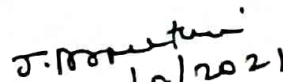
This is for your kind information and necessary action at your end.

Yours faithfully,

DIRECTOR

Copy to:
1. The Chairperson, Faculty of Information and Communication Engineering, A.U. Ch -25.
2. The Principal, Kings College of Engineering, Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303
3. The Stock File

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE

SUB CODE/NAME: IVA005/VB.NET

YEAR / SEMESTER: III / V

PREPARED BY,

R.SUGANTHA LAKSHMI / CSE

G.CHANDRA PRABA / CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<u>SYLLABUS</u>

IVA005 - VB.NET

LT P C
1 0 2 2

UNIT I   VISUAL BASIC .NET AND THE .NET FRAMEWORK   9

Introduction to .net framework -Features, Common Language Runtime (CLR) ,Framework Class Library(FCL).Visual Studio.Net – IDE, Languages Supported, Components. Visual Programming, VB.net - Features, IDE- Menu System, Toolbars, Code Designer, Solution Explorer, Object Browser, Toolbox, Class View Window, Properties Window, Server Explorer, Task List, Output Window, Command Window.

UNIT II   ELEMENTS OF VISUAL BASIC .NET   9

Properties, Events and Methods of Form, Label, TextBox, ListBox, Combo Box, RadioButton, Button, Check Box, Progress Bar, Date Time Picker, Calendar, Picture Box, HScrollbar, VScrollBar, Group Box, ToolTip,Timer.

UNIT III   PROGRAMMING IN VISUAL BASIC .NET   9

Data Types, Keywords, Declaring Variables and Constants, Operators, Understanding Scope and accessibility of variables, Conditional Statements- If- Then, If-Then-Else, Nested If, Select Case, Looping Statement- Do loop, For Loop, For Each-Next Loop, While Loop, Arrays- Static and Dynamic.

UNIT IV   FUNCTIONS, BUILT-IN DIALOG BOXES, MENUS AND TOOLBAR   9

Menus and toolbars- Menu Strip, Tool Strip, Status Strip, Built-In Dialog Boxes –Open File Dialogs, Save File Dialogs, Font Dialogs, Color Dialogs, Print Dialogs, InputBox, Msg Box, Interfacing With End user- Creating MDI Parent and Child, Functions and Procedures- Built-In Functions- Mathematical and String Functions, User Defined Functions and Procedures.

UNIT V   ADVANCED CONCEPTS IN VB.NET   9

Object Oriented Programming- Creating Classes , Objects, Fields, Properties, Methods, Events , Constructors and destructors, Exception Handling- Models, Statements, Data Access withADO.Net , Data Access with ServerExplorer, Data Adapter and DataSets, ADO.NET Objects and Basic SQL.

Note: Hands-on sessions with the objective of one application development.

                                                                Total : 45 periods

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE PLAN

Sub.Code/Name : IVA005/VB.NET	Branch / Year / Sem : CSE / III / V
Academic Year : 2021-22 (ODD)	Batch : 2019-2023
Staff Name : Mrs R.Sugantha Lakshmi & Mrs.G.Chandra Praba	

Course objectives

- Learn the fundamentals of VB.NET
- Understand the elements of VB.NET
- Learn the programming concepts and develop applications on VB.NET.
- Make the students aware of data access

Books Recommended for Reading and Reference:

1. Visual Basic.Net Programming Black Book by Steven Holzner, Dreamtech Press
2. The Complete Reference Visual Basic .NET by Jeffrey R. Shapiro ,Tata McGraw Hills.
3. Murach's Beginning Visual basic .Net By Anne Prince, BPB Publications

Web Resources

1. https://www. oreilly.com/library/view/programming-visual basic/0596000936
2. https://udemy.com/visual-basic-net-step-by-step for beginners
3. https:// www.freevbcode/vb-net-asp-net
4. https:// www.codeproject.com/kb/vb
5. https:// www.tutorialspoint.com/vb.net

S.No	Topics	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT I	**VISUAL BASIC .NET AND THE .NET FRAMEWORK**			9
1.	Introduction to .net framework -Features, Common Language Runtime (CLR), Framework Class Library(FCL).	BB	2	2
2.	Visual Studio.Net – IDE, Languages Supported, Components.	BB	1	3
3.	Visual Programming, VB.net - Features, IDE-Menu System, Toolbars, Code Designer, Solution Explorer, Object Browser	PPT	1	4
		Hands–on-session	2	6
4.	Toolbox, Class View Window, Properties Window, Server Explorer, Task List, Output Window, Command Window.	PPT	1	7
		Hands–on-session	2	9
UNIT II	**ELEMENTS OF VISUAL BASIC .NET**			9
5.	Properties, Events and Methods of Form	PPT	1	10
		Hands–on-session	2	12
6.	Label, TextBox, ListBox, Combo Box, RadioButton, Button, Check Box	PPT	1	13
		Hands–on-session	2	15
7.	Progress Bar, Date Time Picker, Calendar, Picture Box, HScrollbar, VScrollBar, Group Box, ToolTip,Timer.	PPT	1	16
		Hands–on-session	2	18
UNIT III	**PROGRAMMING IN VISUAL BASIC .NET**			9
8.	Data Types, Keywords, Declaring Variables and Constants, Operators, Understanding Scope and accessibility of variables	PPT	1	19
		Hands–on-session	2	21
9.	Conditional Statements- If- Then, If-Then-Else, Nested If, Select Case	PPT	1	22
		Hands–on-session	2	24
10.	Looping Statement- Do loop, For Loop, For Each-Next Loop, While Loop, Arrays- Static and Dynamic.	PPT	1	25
		Hands–on-session	2	27

S.No	Topics	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT IV	FUNCTIONS, BUILT-IN DIALOG BOXES, MENUS AND TOOLBAR			9
11.	Menus and toolbars- Menu Strip, Tool Strip, Status Strip - Built-In Dialog Boxes –Open File Dialogs, Save File Dialogs, Font Dialogs, Color Dialogs, Print Dialogs	PPT	1	28
		Hands–on-session	2	30
12.	InputBox, Msg Box, Interfacing With End user, Creating MDI Parent and Child	PPT	1	31
		Hands–on-session	2	33
13.	Functions and Procedures- Built-In Functions- Mathematical and String Functions - User Defined Functions and Procedures.	PPT	1	34
		Hands–on-session	2	36
UNIT V	ADVANCED CONCEPTS IN VB.NET			9
14.	Object Oriented Programming- Creating Classes , Objects, Fields, Properties, Methods, Events - Constructors and destructors, Exception Handling- Models, Statements	PPT	1	37
		Hands–on-session	2	39
15.	Data Access with ADO.Net , Data Access with ServerExplorer , Data Adapter and DataSet	PPT	1	40
		Hands–on-session	2	42
16.	ADO.NET Objects and Basic SQL.	PPT	1	43
		Hands–on-session	2	45

Course Outcome

Upon the completion of the course, the students are able to

- Describe the basic concepts of VB.NET
- Work on VB.NET IDE
- Develop simple applications
- Create applications using MDI
- Access datasets and databases

INTERNAL ASSESSMENT DETAILS

TEST NO.	I	II
Topic Nos.	1-10	11-16

Prepared by
Ms. R.Sugantha Lakshmi
Ms.G.Chandra Praba

Verified By
HOD/CSE

16/8/2021

Approved by
PRINCIPAL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TIME TABLE (2021 - 2022 ODD SEM)

B.E – CSE (Regulation 2017)

Batch:2019-2023   **Strength:49**

Year: III   **Semester: V**   **Class Room : 222**   **Block: II**

Session	1	2	3	01.00 pm - 01.45 pm	4	5	6
Day	09.30am - 10.30am	10.45am - 11.45am	12.00PM - 01.00pm		01.45pm - 02.45pm	03.00pm - 04.00pm	4.00 pm - 5.00 pm
SAT	IVA005		-	pm	-	-	IVA005

SUB CODE	NAME OF THE SUBJECT	NAME OF THE STAFF	DEPT	PERIODS/WEEK
IVA005	VB.NET	Ms.R.SuganthaLakshmi(8211008) & Ms.G.Chandrapraba(8211212)	CSE	3

HOD 16/8/21   PRINCIPAL J. 16/8/2021

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-22 ODD SEMESTER

VALUE ADDED COURSE COMMITTEE

VB.NET

Committee Member	Designation	Category
Dr.S.M.Uma	Head of the Department/CSE	HOD/CSE
Ms.K.Abhirami	IQAC Head	Senior Faculty Member
Ms.R.Sugantha Lakshmi	AP/CSE	Course Co-ordinator
Ms.G.Chandra Praba	AP/CSE	Course Co-ordinator

HOD/CSE

IVA005 - <u>VB.NET</u> ASSESSMENT 1

* Required

1. Email *

_____

2. Name *

_____

3. Register Number *

_____

4. Roll No *

_____

Answer the following

5. Which of the following is an entry point method of <u>VB.NET</u> program? *   2 points

Mark only one oval.

- ( ) Sub Main
- ( ) Function main
- ( ) Both of the above.
- ( ) None of the above.

6. Which of the following control can contain other controls? *   2 points

Mark only one oval.

- ( ) GroupBox
- ( ) TabPage
- ( ) Panel
- ( ) All of the above

7. Which language is not a true object-oriented programming language? *   2 points

Mark only one oval.

- ( ) VB 6
- ( ) <u>VB.NET</u>
- ( ) JAVA
- ( ) C++

8. A GUI *   2 points

Mark only one oval.

- ( ) uses buttons, menus, and icons
- ( ) should be easy for a user to manipulate
- ( ) both (a) and (b)
- ( ) stands for Graphic Use Interaction

9. What does IDE stand for? *   2 points

Mark only one oval.

- ( ) Integrated Design Environment
- ( ) Integrated Development Environment
- ( ) Interior Design Environment
- ( ) Interior Development Environment

10. Which of the following is correct about <u>VB.NET</u>? *   2 points

Mark only one oval.

- ( ) <u>VB.NET</u> has complete support for object-oriented concepts. <u>VB.NET</u> has complete support for object-oriented concepts.
- ( ) Everything in <u>VB.NET</u> is an object, including all of the primitive types (Short, Integer, Long, String, Boolean, etc.) and user-defined types, events, and even assemblies.
- ( ) All objects inherits from the base class Object.
- ( ) All of the above

11. Which is true about the name and text property of a control? *   2 points

Mark only one oval.

- ( ) The text property changes to match any changes in the name property.
- ( ) They are the same when the control is first created.
- ( ) They are never the same unless the programmer makes it that way
- ( ) The name property changes to match any changes in the text property

12. Which property determines whether a control is displayed to the user? *   2 points

Mark only one oval.

- ( ) Visible
- ( ) Enabled
- ( ) Show
- ( ) Hide

13. JIT stands for *   2 points

Mark only one oval.

- ( ) Just in Type
- ( ) Just In Time
- ( ) Just In Thread
- ( ) Just In Text

14. Keyword which is NOT used in VB.Net. *   2 points

Mark only one oval.

- ( ) Int32
- ( ) int
- ( ) both
- ( ) none

15. The _____ method converts an OLE automation date value to a   2 points
DateTime instance. *

Mark only one oval.

○ Today
○ Now
○ TimeOfDay
○ FromOADate

16. Which of the following is not correct about the value types and reference   2 points
types in VB.NET? *

Mark only one oval

○ Dim statement is used to create a variable that represents a value type
○ Data associated with a value type is allocated on the stack
○ Reference types must be instantiated after declaration
○ Data associated with a reference type is allocated on the stack

17. Which of the following control doesn't receive the focus and doesn't have   2 points
a TabIndex property? *

Mark only one oval.

○ PictureBox
○ LablControl
○ ListBox
○ TabControl control

21. Smart Phone applications and other such devices can be written using   2 points
*

Mark only one oval.

○ .NET Compact Framework
○ .NET Small Framework
○ .NET Smartclient Framework

22. What two controls are needed when creating a toolbar ? *   2 points

Mark only one oval.

○ Only Toolbar control
○ ImageList and Toolbar control
○ Both 1 and 2
○ All the above

23. Can a toolbar display text instead of pictures in the buttons ? *   2 points

Mark only one oval.

○ No, a toolbar can only display images
○ No, a toolbar can only display text
○ Yes, a toolbar can display text, images, or both.
○ None of these

18. Lower bound value of array in VB.NET *   2 points

Mark only one oval

○ -1
○ 0
○ 2
○ 3

19. How many levels of compilation happens in .NET Framework? *   2 points

Mark only one oval.

○ One
○ Two
○ Three
○ Four

20. To declare an integer variable in VB.NET language, which one of the   2 points
following statements is true? *

Mark only one oval.

○ Dim x As Integer
○ x As Integer
○ Dim x As Single
○ None of these

24. How does VB.NET instantiates the .NET object *   2 points

Mark only one oval

○ Using NEW keyword
○ Using CREATEOBJECT keyword
○ Using GETOBJECT keyword
○ Both A & B

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Google Forms

Assessment Test II - Sample Screenshots

Online food delivery system	**Chat application**	**Tourism management system**
		Manage Clients
Student Administration system	**Student CGPA calculation for eight semesters**	**Library management system**
Stock Inventory system	**Hospital management system**	**Hotel management system**
Employee payroll processing system	**Ticket reservation system**	**Quiz and corresponding score release system**
	Train Ticketing Systems	
Shopping system	**Banking system**	**Text editor**
Get your nearest mall here / Choose your suitable location here :		
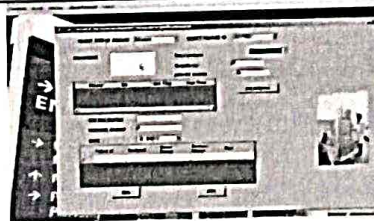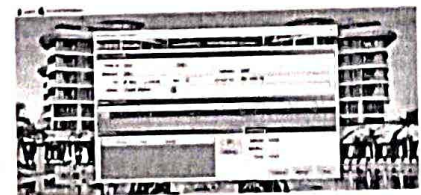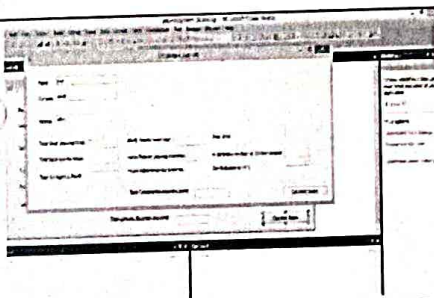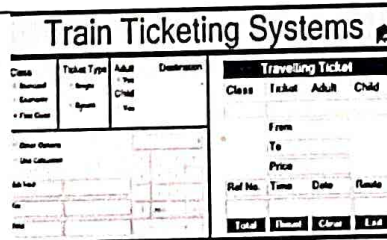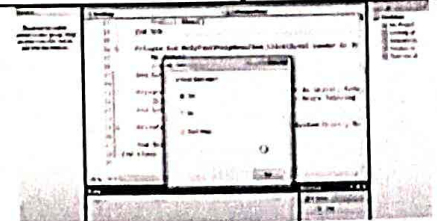
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COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE New Delhi, Affiliated to Anna University, Chennai)

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CERT
ISO 9001
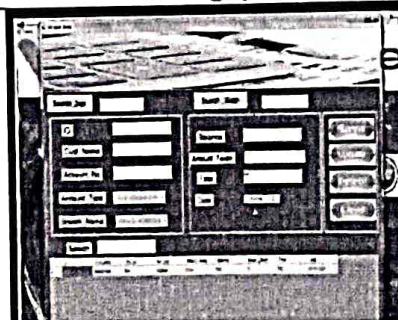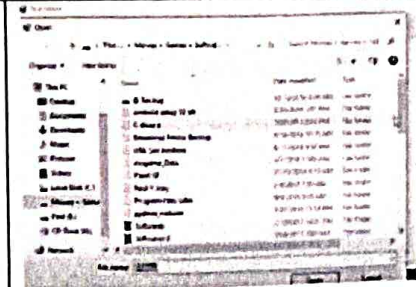
ACADEMIC YEAR 21-22 ODD SEMESTER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VALUE ADDED COURSE – REPORT

IVA005 –VB.NET

TOTAL STRENGTH: 49

YEAR / SEM: III/V

1. SYLLABUS COVERAGE

NO OF HOURS PLANNED	NO OF HOURS EXECUTED	NO OF UNITS COMPLETED	REMARKS
45	45	5	-

2. ASSESSMENT TEST PERFORMANCE

TEST	NO OF UNITS	NO OF STUDENTS ATTENDED	NO OF STUDENTS PASSED	PASS %
AT-I	3 Units	49	49	100%
AT-II	5 Units	49	49	100%

3. FEEDBACK
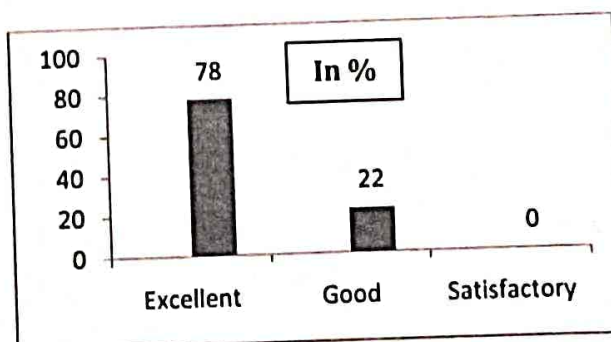
4. OUTCOME:

- Can work on VB.NET IDE
- Can able to create new applications in VB.NET
- Supportive in doing the final year project
- Beneficial in seeking a job

COURSE COORDINATOR

HOD/CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REFRESHER COURSE

C PROGRAMMING

ACADEMIC YEAR

2021-2022

A NAAC Accredited Institution

KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai

TÜV CERT
ISO 9001

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021 - 2022 ODD SEMESTER

REFRESHER COURSE – CIRCULAR

The department of computer science and engineering is planned to conduct a refresher course on " C PROGRAMMING" for **II year** .The course is scheduled from **18.8.2021** for **30 hours**.

This schedule to be followed for **30 hours** refresher course in **ODD** and **EVEN** sem

CLASS	DETAILS	HOURS
II YEAR	20221-2022(ODD)	15 hrs
II YEAR	2021-2022(EVEN)	15hrs

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

SL.NO	NAME OF THE STAFF	DESIGNATION
1	Ms.S.Puvaneswari	Assistant Professor
2	Ms.B.Sangeetha	Assistant Professor

18/8/21

HOD/CSE
H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021 - 2022 ODD SEMESTER

REFRESHER COURSE

SYLLABUS

UNIT - I   BASICS   6

Data types - Variables - Display the size and type of a variable - Operators - programs using operators - Conditional statements - Programs using switch and break - Looping Statements - Programs such as reversing a digit , Armstrong Number

UNIT - II   ARRAYS & STRINGS   6

Definition - Types - Single Dimensional arrays - Find the Greatest number of a list - Merge the two list - Two Dimensional arrays - Find the transpose of a Matrix - String functions - Convert lowercase to Uppercase - Palindrome

UNIT - III   FUNCTIONS   6

Definition - Built in functions - Math Library Functions - User Defined functions - Programs using User Defined Functions - Function prototype - Call by Value - Call by Reference - Sample Programs

UNIT - IV   STRUCTURES AND UNIONS   6

Definition - Nested Structures - Structures and Arrays - Structures and Functions - Unions - Payroll Generation using Structure - Inventory Control using Structure

UNIT - V   POINTERS   6

Definition - Pointers and Arrays - Pointers and functions - Pointers and Structures - Dynamic memory Allocation - Linked List implementation of List

Staff Incharge 14/8/22

(Ms.B.Sangeetha)

HOD / CSE 14/3/22

H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
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Pudukottai (Dt) - 613 303.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ACADEMIC YEAR 2021 - 2022 ODD SEMESTER
COURSE PLAN

Sub. Code : RFC		**Branch / Year / Sem** : B.E CSE / III / V	
Sub.Name : C Programming		**Batch** : 2020-2024	
Staff Name : Ms.S.Puvaneswari & Ms.B.Sangeetha		**Academic Year** : 2021-22 (ODD)	

Topic No	Topic	Teaching Methodology	Number of Hours Required	Cumulative Hours
				6
UNIT - I	**BASICS**			
1.	Data types	PPT / DEMO	1	1
2.	Variables & Display the size and type of a variable	PPT / DEMO		
3.	Operators & Program using Operators	PPT / DEMO	1	2
4.	Conditional statements	PPT / DEMO	1	3
5.	Programs using switch and break	PPT / DEMO		4
6.	Looping Statements	PPT / DEMO	1	5
7.	Programs such as reversing a digit , Armstrong Number	DEMO	1	6
				6
UNIT - II	**ARRAYS & STRINGS**			7
8.	Definition - Types	PPT / DEMO	1	7
9.	Single Dimensional arrays	PPT / DEMO	1	8
10.	Find the Greatest number of a list	PPT / DEMO	1	9
11.	Two Dimensional arrays	PPT / DEMO	1	10
12.	Find the transpose of a Matrix	PPT / DEMO	1	11
13.	Strings functions & Convert lowercase to Uppercase - Palindrome	PPT / DEMO	1	12
				6
UNIT - III	**FUNCTIONS**			
14.	Definition - Built in functions - Math Library Functions	PPT / DEMO	1	13
15.	User Defined functions &Programs using User Defined Functions	PPT / DEMO	2	15
16.	Function prototype	PPT / DEMO	1	16
17.	Call by Value - Call by Reference	PPT / DEMO	1	17
18.	Sample Programs	DEMO	1	18

Topic No	Topic	Teaching Methodology	Number of Hours Required	Cumulative Hours
UNIT - IV STRUCTURES AND UNIONS				6
19.	Definition	PPT / DEMO	1	19
20.	Nested Structures	PPT / DEMO	1	20
21.	Structures and Arrays	PPT / DEMO	1	21
22.	Structures and Functions	PPT / DEMO	1	22
23.	Unions	PPT / DEMO	1	23
24.	Payroll Generation using Structure - Inventory Control using Structure	DEMO	1	24
UNIT - V POINTERS				6
25.	Definition	PPT / DEMO	1	25
26.	Pointers and Arrays	PPT / DEMO	1	26
27.	Pointers and functions	PPT / DEMO	1	27
28.	Pointers and Structures	PPT / DEMO	1	28
29.	Dynamic memory Allocation	PPT / DEMO	1	29
30.	Linked List implementation of List	DEMO	1	30

COURSE OUTCOME

At the end of the course, the students will be able to

- Develop simple applications in C using basic constructs
- Design and implement applications using arrays and strings
- Develop and implement applications in C using functions.
- Develop applications in C using structures.
- Develop and implement applications in C using pointers.

INTERNAL ASSESSMENT DETAILS

ASST. NO.	I	II
Topic Nos.	1-13	14-27
Type of Assessment	MCQ	Development of an application using C

$\mathcal{S}$. Puw
10/8/21

Prepared by

Ms.S.Puvaneswari & Ms.B.Sangeetha

Verified By

HOD/CSE

H.O.D of Computer Science & Engineering

KINGS COLLEGE OF ENGINEERING

Punalkulam, Gandarvakottai (Tk),

Pudukottai (Dt) - 613 303.

J. ᵐᵒᵖ
10/8/2021

Approved by

P RINCIPAL

Kings College of Engineering,

PUNALKULAM - 613 303.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021 - 2022 ODD SEMESTER

REFRESHER COURSE – TIMETABLE

Session	1	2	11.30 am - 11.45 am	3	12.45 pm - 01.30 pm	4	5
Day	09.30am - 10.30am	10.30am - 11.30am		11.45am - 12.45pm		01.30pm - 02.30pm	02.30pm - 03.30pn.
MON			BREAK		LUNCH BREAK		
TUE							
WED							
THU							
FRI							
SAT						RFC	

Course	Name of the staff	Periods/week
RFC	Ms.s.puvaneswari Ms.B.sangeetha	1

S. Pu
22/08/21
Staff incharge

22/8/21
HOD/CSE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021– 22 ODD SEMESTER

REFRESHER COURSE – REPORT

C PROGRAMMING

Course Details

Name of the course	Duration of the course	Target Group	Faculty Instructor	Start Date
C PROGRAMMING	15 Hrs	II/III (65)	Ms.S.PUVANESHWARI Ms.B.SANGEETHA	18.8.2021

1. OBJECTIVE

To make the students

- Programming basics and the fundamentals of C
- Data types in C
- Mathematical and logical operations
- Using if statement and loop

2. COURSE COVERAGE

The course provided the students with

- Fundamentals of C programming ,datatypes and arrays
- Development boards - turbo c

3. SYLLABUS COVERAGE

NO OF HOURS PLANNED	NO OF HOURS EXECUTED	NO OF UNITS COMPLETED
15	15	2.5

4. ASSESSMENT TEST PERFORMANCE

TEST	NO OF UNITS	NO OF STUDENTS ATTENDED	NO OF STUDENTS PASSED	PASS %
Internal Assessment 1	1	65	65	100
Internal Assessment 2	1.5	65	65	100

5. FEEDBACK

OUTCOME

The students are able to

- Understand the fundamental concepts of c programming.
- Able to perform logical operations.
- Able to write a program

COURSE COORDINATORS
16/11/21

HOD/CSE 16/11/21
H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.

16/11/2021

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PUNALKULAM - 613 303.
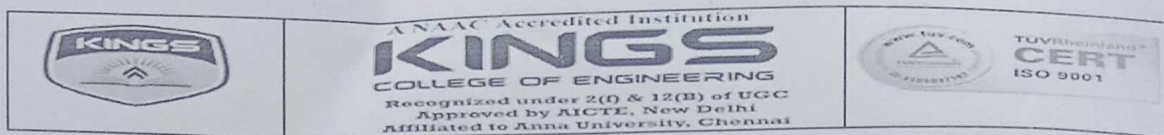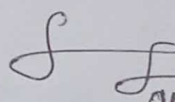
The department of computer science and engineering is planned to conduct a refresher course on " **C PROGRAMMING**" for **II year**. The course is scheduled from **16.3.2022** for **15 hours**.

This schedule to be followed for **30 hours** refresher course in **ODD** and **EVEN** sem

CLASS	DETAILS	HOURS
II YEAR	20221-2022(ODD)	15 hrs
II YEAR	2021-2022(EVEN)	15hrs

Students must attend all the classes without fail. The following staff are assigned to handle the course.

SL.NO	NAME OF THE STAFF	DESIGNATION
1	Ms.B.Sangeetha	Assistant Professor

HOD/CSE 08|3|22.

H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
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Pudukottai (Dt) - 613 303.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ACADEMIC YEAR 2021 - 2022 (even)

REFRESHER COURSE
SYLLABUS

UNIT - I   BASICS   6

Data types - Variables - Display the size and type of a variable - Operators - programs using operators - Conditional statements - Programs using switch and break - Looping Statements - Programs such as reversing a digit , Armstrong Number

UNIT - II   ARRAYS & STRINGS   6

Definition - Types - Single Dimensional arrays - Find the Greatest number of a list - Merge the two list - Two Dimensional arrays - Find the transpose of a Matrix - String functions - Convert lowercase to Uppercase - Palindrome

UNIT - III   FUNCTIONS   6

Definition - Built in functions - Math Library Functions - User Defined functions - Programs using User Defined Functions - Function prototype - Call by Value - Call by Reference - Sample Programs

UNIT - IV   STRUCTURES AND UNIONS   6

Definition - Nested Structures - Structures and Arrays - Structures and Functions - Unions - Payroll Generation using Structure - Inventory Control using Structure

UNIT - V   POINTERS   6

Definition - Pointers and Arrays - Pointers and functions - Pointers and Structures - Dynamic memory Allocation - Linked List implementation of List

S. Puv 16/8/21

Staff Incharge
(Ms.S.Puvaneswari & Ms.B.Sangeetha)

HOD / CSE 16/8/21
H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
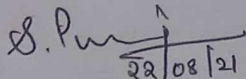Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.

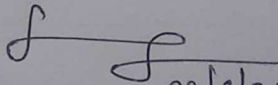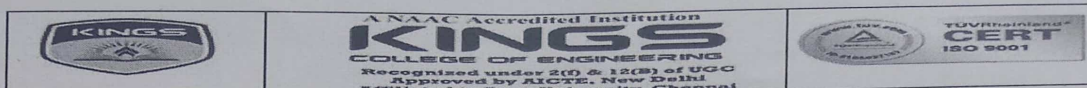## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ACADEMIC YEAR 2021 - 2022 EVEN SEMESTER
COURSE PLAN

Sub. Code : RFC	**Branch / Year / Sem**	: B.E CSE / III / V
Sub.Name : C Programming	**Batch**	: 2020-2024
Staff Name : Ms.S.Puvaneswari & Ms.B.Sangeetha	**Academic Year**	: 2021-22 (EVEN)

Topic No	Topic	Teaching Methodology	Number of Hours Required	Cumulative Hours
UNIT - I	**BASICS**			6
1.	Data types	PPT / DEMO	1	1
2.	Variables & Display the size and type of a variable	PPT / DEMO		
3.	Operators & Program using Operators	PPT / DEMO	1	2
4.	Conditional statements	PPT / DEMO	1	3
5.	Programs using switch and break	PPT / DEMO		4
6.	Looping Statements	PPT / DEMO	1	5
7.	Programs such as reversing a digit , Armstrong Number	DEMO	1	6
UNIT - II	**ARRAYS & STRINGS**			6
8.	Definition - Types	PPT / DEMO	1	7
9.	Single Dimensional arrays	PPT / DEMO	1	8
10.	Find the Greatest number of a list	PPT / DEMO	1	9
11.	Two Dimensional arrays	PPT / DEMO	1	10
12.	Find the transpose of a Matrix	PPT / DEMO	1	11
13.	Strings functions & Convert lowercase to Uppercase - Palindrome	PPT / DEMO	1	12
UNIT - III	**FUNCTIONS**			6
14.	Definition - Built in functions - Math Library Functions	PPT / DEMO	1	13
15.	User Defined functions &Programs using User Defined Functions	PPT / DEMO	2	15
16.	Function prototype	PPT / DEMO	1	16
17.	Call by Value - Call by Reference	PPT / DEMO	1	17

Topic No	Topic	Teaching Methodology	Number of Hours Required	Cumulative Hours
18.	Sample Programs	DEMO	1	18

Topic No	Topic	Teaching Methodology	Number of Hours Required	Cumulative Hours
UNIT - IV	**STRUCTURES AND UNIONS**			6
19.	Definition	PPT / DEMO	1	19
20.	Nested Structures	PPT / DEMO	1	20
21.	Structures and Arrays	PPT / DEMO	1	21
22.	Structures and Functions	PPT / DEMO	1	22
23.	Unions	PPT / DEMO	1	23
24.	Payroll Generation using Structure - Inventory Control using Structure	DEMO	1	24
UNIT - V	**POINTERS**			6
25.	Definition	PPT / DEMO	1	25
26.	Pointers and Arrays	PPT / DEMO	1	26
27.	Pointers and functions	PPT / DEMO	1	27
28.	Pointers and Structures	PPT / DEMO	1	28
29.	Dynamic memory Allocation	PPT / DEMO	1	29
30.	Linked List implementation of List	DEMO	1	30

COURSE OUTCOME

At the end of the course, the students will be able to

- Develop simple applications in C using basic constructs
- Design and implement applications using arrays and strings
- Develop and implement applications in C using functions.
- Develop applications in C using structures.
- Develop and implement applications in C using pointers.

INTERNAL ASSESSMENT DETAILS

ASST. NO.	I	II
Topic Nos.	1-13	14-27
Type of Assessment	MCQ	Development of an application using C

Prepared by 06/1/22

Ms.S.Puvaneswari & Ms.B.Sangeetha

Verified By 06/1/22

HOD/CSE

06/1/2022

Approved by

Principal

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021 – 2022 EVEN SEMESTER

REFRESHER COURSE – TIMETABLE

``	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm – 03.25 pm	7
Day	09.15am - 10.05am	10.05am - 10.55am		11.10am - 12.00pm	12.00pm - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.25 - 04.15
MON			BREAK			LUNCH BREAK			BREAK	
TUE										
WED										
THU										
FRI										
SAT								RFC		

Course	Name of the staff	Periods/week
RFC	Ms.B.Sangeetha,	01

Staff incharge
15/3/22

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15/3/22
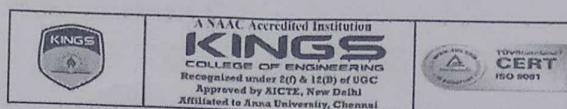
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021– 22 EVEN SEMESTER

REFRESHER COURSE – REPORT

C PROGRAMMING

Course Details

Name of the course	Duration of the course	Target Group	Faculty Instructor	Start Date
C PROGRAMMING	15 Hrs	II/III (65)	Ms.B.Sangeetha	16.03.2022

1. OBJECTIVE

To make the students learn

- Arranging data in arrays
- Implementing pointers
- File management and dynamic memory allocation

2. COURSE COVERAGE

The course provided the students with

- Fundamentals of basic library functions and its types.
- Basics functions of array and structure.
- Advanced functions of pointer elements.
- Development of linked list and its applications.

3. SYLLABUS COVERAGE

NO OF HOURS PLANNED	NO OF HOURS EXECUTED	NO OF UNITS COMPLETED
15	15	2.5

4. ASSESSMENT TEST PERFORMANCE

TEST	NO OF UNITS	NO OF STUDENTS ATTENDED	NO OF STUDENTS PASSED	PASS %
Internal Assessment 1	1	65	65	100
Internal Assessment 2	1.5	65	65	100

5. FEEDBACK

OUTCOME

The students are able to

- Understand the concepts of array and file operations.
- Understand the concepts of pointers.
- Develop real time applications using C program.

S. Pur̄ 17/5/22

COURSE COORDINATOR

J.モ̄ 17/5/2022

PRINCIPAL
PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303.

HOD/CSE 17/05/22

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ACCREDITED WITH GRADE B++ NAAC

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms._____Nithish S_____ of Computer science and engineering department is being sponsored for attending the refresher course in "C Programming" held on__01-09-21_____

HOD

Convenor

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KINGS

ACCREDITED WITH GRADE
B++
NAAC

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms._____**Varsha NN**_____ of
Computer science and engineering department is being sponsored for
attending the refresher course in "C Programming" held on___**01-09-21**___

_____
HOD

_____
Convenor

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B++
NAAC
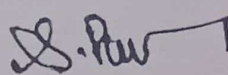
CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. ___**Lavanya J**_____ of
Computer science and engineering department is being sponsored for
attending the refresher course in "C Programming" held on __**01-09-21**_____

HOD

Convenor
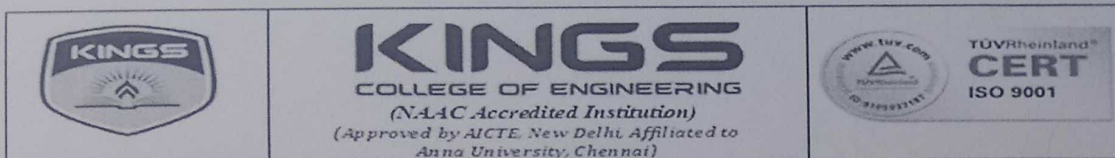
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

SWAYAM – NPTEL COURSES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Academic Year 2021-22 ODD SEMESTER
CIRCULAR

04.08.2021

As a part of curriculum enrichment, our department has planned to offer a **SWAYAM- NPTEL** courses for **II,III,IV** year students from **18.8.2021** on through which the students can be exposed to the currently trending domain Kindly go through the course schedule mentioned below for your reference and from the list you can your optional course.

Course Details

Name of the course	Duration of the course	Start Date
Web Development Technology & Multimedia Application	12 weeks	27.08.2021
Cloud computing	10 weeks	06.08.2021
Android mobile application development	12 weeks	16.08.2021
Compiler design	12 weeks	20.08.2021
Introduction To Cyber Security	12 weeks	21.08.2021
Fundamentals of Data structures	14 weeks	15.08.2021

Note

- To be circulated in II,III,IV CSE Whatsapp group
- Copy to Notice board

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Department of Computer Science & Engineering

Academic Year 2021-22 / ODD Semester

ANDROID MOBILE APPLICATION DEVELOPMENT

Syllabus

Course layout

WEEK	TOPIC
Week-1	Android Software Development, building a sample Android application using Android Studio.
Week-2	Android Project Structure, Android Manifest File and its common settings.
Week-3	Activities, Services, Intents.
Week-4	Permissions, Application resources.
Week-5	Basic User Interface Screen elements, Designing User Interfaces with Layouts.
Week-6	Using Content Providers, Handling Persisting Data.
Week-7	JSON Web Service.
Week-8	Gallery, drawing 2D and 3D Graphics and Multimedia, Drawing and Working with Animation.

Week-9	Networking, Telephony and Location, Android Networking, Web and Telephony API.
Week-10	Search, Location and Mapping, Communication, Identity, Sync and social media.
Week-11	Sensor and Hardware Programming.
Week-12	Publishing Android Application.

Books and references

Books

1. PGDMAD-103: Android Mobile Application Development, ISBN-978-81-940577-2-7 June 2019 by Dr. Babasaheb Ambedkar Open University.
2. PGDMAD-105: Software Lab for Android Mobile Application Development, ISBN-978-81-940577-4-7 June 2019 by Dr. Babasaheb Ambedkar Open University.
3. PGDMAD-201: Advanced Android Mobile Application, ISBN-978-81-940577-5-8 by Dr. Babasaheb Ambedkar Open University.
4. PGDMAD-203: Software Lab for Advanced Android Mobile Application, ISBN-978-81-940577-7-2 by Dr. Babasaheb Ambedkar Open University.

References

1. Https://developer.android.com.
2. Wireless Communications & Networks, Second Edition, William Stallings by Pearson.
3. Mobile Computing Technology, Applications and service creation, Asoke K Telukder, Roopa R Yavagal by TMH.
4. Android Application Development Black Book, Pradeep Kothari, dreamtech press.
5. Wireless and mobile networks, Dr. Sunilkumar S. Manvi, Dr. Mahabaleshwar S.Kakkasageri by WILEY.
6. Wireless networks, P. Nicopolitidis, M. S. Obaidat, G.I. Papadimitriou, A.S. Pomportsis by WILEY.
7. Mobile Computing, Raj Kamal by Oxford.
8. Mobile Computing Theory and Practice-Kumkum Garg- Pearson.

STAFF INCHARGE
20.08.21

HOD/CSE
20/8/21

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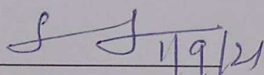**KINGS**
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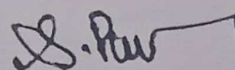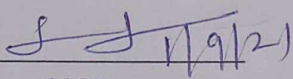ISO 9001
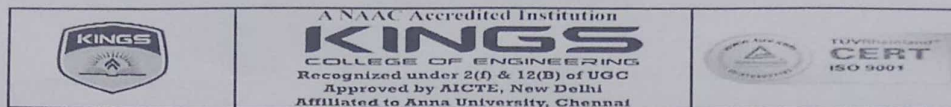
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE (AUG 2021 – NOV 2021, ODD SEM)
B.E – CSE (Regulation 2017) – With Effect from 01.09.2021

Batch:2020-2024   Strength:65

Year: II   Semester: III   Class Room : 222   Block: II

Session	1	2	11.30 am - 11.45 am	3	12.45 pm - 01.30 pm	4	5
Day	09.30am - 10.30am	10.30am - 11.30am		11.45am - 12.45pm		01.30pm - 02.30pm	02.30pm - 03.30pm
MON	CS8391	CS8351	BREAK	MA8351	LUNCH BREAK	EC8395	RFC
TUE	MA8351	CS8392		CS8351		CS8391	EC8395
WED	CS8391	EC8395		MA8351		CS8392	CS8351
THU	MA8351	CS8392		EC8395		CS8391	T&P(A)
FRI	EC8395	CS8351		CS8391		MA8351	CS8392
SAT	CS8351	MA8351		T&P(SS)		RFC	SWAYAM

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
		TUTORIAL (T), ELECTIVE (E)				
MA8351	Discrete Mathematics	BS	4	Dr.R.Suresh	MATHS	6
CS8351	Digital Principles and System Design	ES	4	Mr.W.Newton David Raj	ECE	5
CS8391	Data Structures	PC	3	Ms.K.Abhirami	CSE	5
CS8392	Object Oriented Programming	PC	3	Ms.G.Chandraprabha	CSE	4
EC8395	Communication Engineering	ES	3	Mr.R.Balakrishnan	ECE	5
		VALUE ADDITION INITATIVES				
RFC	Refresher Course	VAI	-	Ms.B.Sangeetha & Ms.S.Puvaneswari	CSE	2
SWAYAM	Swayam/NPTEL Online class	VAI	-	Ms.G.Chandraprabha	CSE	1
T&P(A)	Training & Placement - Aptitude	VAI	-	Ms.P.Suganya	T&P	1
T&P(SS)	Training & Placement - Softskill	VAI	-	Mr.B.Sureshbabu	MGMT	1

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES	ROLL NO
Ms.G.Chandraprabha	G.Krishnakumar	26
	N.N.Varsha	57
CLASS COMMITTEE CHAIR PERSON	Mr.R.Sriramkumar	

20/08/2021

STAFF INCHARGE

20/8/21

HOD/CSE

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swayam

NITTTR »

LAVANYA J

Date enrolled: 2021-08-28

Email: lavanyajegan338@gmail.com

Name: LAVANYA J

Assessment scores

Assessment 1 - GIMP Quiz I: 70.0

Assessment 2 - GIMP Quiz II: 60.0

Assessment 3 - Sketch Up Quiz: 58.0

Assignments - Modeling in Blender : -

Assignment 2 - Modeling in Blender : -

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Name	Muhilan.E
Email	muhilanelangov an2003@gmail.co...
Date Enrolled	2021-06-02

Your Assessment scores

Assignment 0	90
Week 1 : Assignment 1	70
Week 2 : Assignment 2	90
Week 3 : Assignment 3	85
Week 4 : Assignment 4	68
Week 5 : Assignment 5	55
Week 6 : Assignment 6	100
Week 7 : Assignment 7	95
Week 8 : Assignment 8	90

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Course Progress

Name	S.DEEPAN
Email	deepansenthil6@gmail.com
Date Enrolled	2021-10-26

Your Assessment scores

Quiz	Score
Quiz-1	60
Quiz-2	--
Quiz-3	40
Quiz-4	50
Quiz-5	80
Quiz-6	80
Quiz-7	70
Quiz-8	90
Quiz-9	90
Quiz-10	60

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Course Progress

Name	Dinesh.s
Email	dineshsenthil97@gmail.com
Date Enrolled	2021-10-29

Your Assessment scores

Quiz	Score
Quiz-1	20
Quiz-2	--
Quiz-3	20
Quiz-4	20
Quiz-5	30
Quiz-6	10
Quiz-7	30
Quiz-8	20
Quiz-9	30
Quiz-10	--

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Name	VASANTH M
Email	Manovasanthm rva7723@gmail.com
Date Enrolled	2021-10-26

Your Assessment scores

Quiz-1	70
Quiz-2	..
Quiz-3	40
Quiz-4	60
Quiz-5	80
Quiz-6	80
Quiz-7	90
Quiz-8	80
Quiz-9	90
Quiz-10	50

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Name	Santhosh kumar
Email	sk0573991@gmail.com
Date Enrolled	2021-10-26

Your Assessment scores

Quiz-1	70
Quiz-2	--
Quiz-3	40
Quiz-4	60
Quiz-5	80
Quiz-6	80
Quiz-7	90
Quiz-8	90
Quiz-9	90
Quiz-10	100

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Name	Elamaran.s
Email	elamaran172 003@gmail.com
Date Enrolled	2021-10-26

Your Assessment scores

Quiz-1	10
Quiz-2	--
Quiz-3	20
Quiz-4	40
Quiz-5	30
Quiz-6	40
Quiz-7	20
Quiz-8	10
Quiz-9	50
Quiz-10	20

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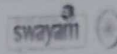
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☰   Course Progress

KRISHNAKUMAR G

Date enrolled: 2022-12-29

Email: gkrishnadgk@gmail.com

Name: KRISHNAKUMAR G

Assessment scores

Week 1 : Assignment 1	100.0
Week 2 : Assignment 2	100.0
Week 3 : Assignment 3	100.0
Week 04: Assignment 04	90.0
Week 5 : Assignment 5	-
Week 06: Assignment 06	60.0
Week 7 : Assignment 7	70.0
Week 8 : Assignment 8	70.0

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Name

J.ragul sankar

Email

ragulsankar03@gmail.com

Date Enrolled

2021-10-30

Your Assessment scores

Quiz-1

100

Quiz-2

80

Quiz-3

40

Quiz-4

30

Quiz-5

60

Quiz-6

60

Quiz-7

80

Quiz-8

90

Quiz-9

90

Quiz-10

60

Name

S.Safreen banu

Email

safreenb4@gmail.com

Date Enrolled

2021-10-30

Your Assessment scores

Quiz-1

90

Quiz-2

--

Quiz-3

40

Quiz-4

30

Quiz-5

60

Quiz-6

60

Quiz-7

80

Quiz-8

90

Quiz-9

80

Quiz-10

60

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Course Progress

Name	Nithish S
Email	snithish0777@gmail.com
Date Enrolled	2021-01-20

Your Assessment scores

Assignment 0	62
Practice Assignment - 1	55
Assignment 1	59
Practice Assignment - 2	--
Assignment 2	32
Practice Assignment - 3	--
Assignment 3	93
Practice Assignment - 4	100
Assignment 4	90
Non Proctored Exam Session 1	--
Non Proctored Exam	

Course Progress

Name	AJAY.S
Email	ajay1459.tn@gmail.com
Date Enrolled	2021-10-28

Your Assessment scores

Quiz-1	80
Quiz-2	--
Quiz-3	40
Quiz-4	60
Quiz-5	80
Quiz-6	80
Quiz-7	80
Quiz-8	90
Quiz-9	90
Quiz-10	--

Email: rajbarath791@gmail.com

Name: Barathraj

Assessment scores

Quiz-1: 80.0

Quiz-2:   -

Quiz-3: 30.0

Quiz-4: 60.0

Quiz-5: 60.0

Quiz-6: 70.0

Quiz-7: 80.0

Quiz-8: 70.0

Quiz-9: 60.0

Quiz-10: 90.0

BHAVATHARANI.V

Date enrolled: 2021-05-29

Email:
veeratharani1971@gmail.com

Name: BHAVATHARANI.V

Assessment scores

Assignment 0:   -

Week 1 : Assignment 1: **48.0**

Week 2 : Assignment 2: **43.0**

Week 3 : Assignment 3: **73.0**

Week 4 : Assignment 4: **96.0**

Week 5 : Assignment 5:   -

Week 6 : Assignment 6: **90.0**

Week 7 : Assignment 7: **70.0**

Week 8 : Assignment 8:   -

swayam

NITTTR » Graphics and Animation Development

≡   Cour

LAVANYA J

Date enrolled: 2021-08-28

Email: lavanyajegan338@gmail.com

Name: LAVANYA J

Assessment scores

Assessment 1 - GIMP Quiz I: **70.0**

Assessment 2 - GIMP Quiz II: **60.0**

Assessment 3 - Sketch Up Quiz: **58.0**

Assignments - Modeling in Blender :   -

Assignment 2 - Modeling in Blender :   -

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Name	Muhilan.E
Email	muhilanelangovan2003@gmail.co...
Date Enrolled	2021-06-02

Your Assessment scores

Assignment 0	90
Week 1 : Assignment 1	70
Week 2 : Assignment 2	90
Week 3 : Assignment 3	85
Week 4 : Assignment 4	68
Week 5 : Assignment 5	55
Week 6 : Assignment 6	100
Week 7 : Assignment 7	95
Week 8 : Assignment 8	90

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Date Enrolled	2021-10-28

Your Assessment scores

Quiz-1	90
Quiz-2	--
Quiz-3	40
Quiz-4	30
Quiz-5	60
Quiz-6	60
Quiz-7	80
Quiz-8	70
Quiz-9	90
Quiz-10	70

Name	VARSHA.N.N
Email	nandhininirmal051981@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	100
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	90

Week10 : Assignment

Name	Vichithra V
Email	vvichithra365@gmail.com
Date Enrolled	2021-10-25

Your Assessment scores

Quiz-1	90
Quiz-2	90
Quiz-3	40
Quiz-4	20
Quiz-5	60
Quiz-6	60
Quiz-7	70
Quiz-8	70
Quiz-9	90
Quiz-10	80

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Department of Computer Science & Engineering

Academic Year 2021-22 / ODD Semester

CLOUD COMPUTING

Syllabus

Course layout

Week 1: Introduction to Cloud Computing

Week 2: Cloud Computing Architecture

Week 3: Service Management in Cloud Computing

Week 4: Data Management in Cloud Computing

Week 5: Resource Management in Cloud

Week 6: Cloud Security

Week 7: Open Source and Commercial Clouds, Cloud Simulator

Week 8: Research trend in Cloud Computing, Fog Computing

Books and references

1. Cloud Computing: Principles and Paradigms, Editors: Rajkumar Buyya, James Broberg, Andrzej M. Goscinski, Wiley,2011

2. Enterprise Cloud Computing - Technology, Architecture, Applications, Gautam Shroff, Cambridge University Press, 2010

3. Cloud Computing Bible, Barrie Sosinsky, Wiley-India, 2010

4. Cloud Security: A Comprehensive Guide to Secure Cloud Computing, Ronald L. Krutz, Russell Dean Vines, Wiley- India,2010

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3/8/21

HOD/CSE
3/8/21

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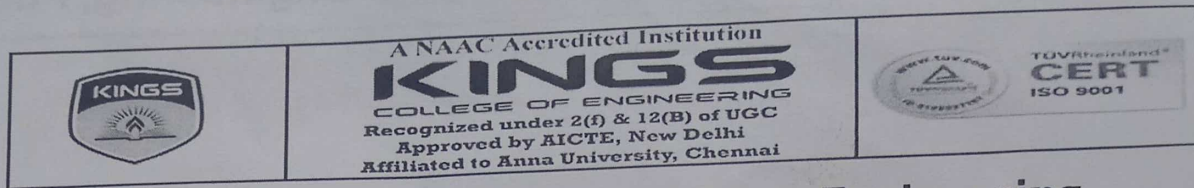
Department of Computer Science Engineering
Academic Year 2021-22 (ODD)
Swayam Progress
II CSE – CLOUD COMPUTING

Screenshot 1 (11:32 — NPTEL Online Courses Mobile — Course Progress):

Date Enrolled: 2020-09-12
Email: nanthinipram kumara@gmail.com
Name: P.Gopinath

Your Assessment Scores
Assignment 0
Assignment 1 — 11
W1_Programming Qs1
W1_Programming Qs2
W1_Programming-Qs3
Assignment 2 — 44

Screenshot 2 (11:45 AM):

Assignment 2
W2_Programming-Qs1
W2_Programming-Qs2
W2_Programming-Qs3
W2_Programming-Qs4
Assignment 3
W3_Programming-Qs1
W3_Programming-Qs2
W3_Programming-Qs3
W3_Programming-Qs4
Assignment 4
W4_Programming-Qs1
W4_Programming-Qs2
W4_Programming

Screenshot 3 (11:45 AM):

Assignment 2 —
W2_Programming-Qs1 —
W2_Programming-Qs2 —
W2_Programming-Qs3 —
W2_Programming-Qs4 —
Assignment 3 — 17
W3_Programming-Qs1 —
W3_Programming-Qs2 —
W3_Programming-Qs3 —
W3_Programming-Qs4 —
Assignment 4 — 17
W4_Programming-Qs1 —
W4_Programming-Qs2 —
W4_Programming

Screenshot 4 (10:28 AM — Course Progress):

Name: S.sivaranjani
Email: sshivaranjini20@gmail.com
Date Enrolled: 2020-09-11

Your Assessment scores
Assignment 0 —
Assignment 1 —
W1_Programming-Qs1 —
W1_Programming-Qs2 —
W1_Programming-Qs3 —
Assignment 2 —
W2_Programming-Qs1 —
W2_Programming-Qs2 —
W2_Programming-Qs3 —
W2_Programming-Qs4 —
Assignment — 28

Screenshot 1 (top-left)

Course Progress

W?_Programming-Qs 3	
Assignment 2	--
W2_Programming-Qs 1	--
W2_Programming-Qs 2	--
W2_Programming-Qs 3	--
W2_Programming-Qs 4	--
Assignment 3	28
W3_Programming-Qs 1	--
W3_Programming-Qs 2	--
W3_Programming-Qs 3	--
W3_Programming-Qs 4	--
Assignment 4	17
W4_Programming-Qs 1	--
W4_Programming-Qs 2	--
W4_Programming-Qs 3	--

Screenshot 2 (top-right)

Course Progress

Assignment 4	17
W4_Programming-Qs 1	--
W4_Programming-Qs 2	--
W4_Programming-Qs 3	--
W4_Programming-Qs 4	--
Assignment 5	61
W5_Programming-Qs 1	--
W5_Programming-Qs 2	--
W5_Programming-Qs 3	--
Assignment 6	49
W6_Programming-Qs 1	--
W6_Programming-Qs 2	--
W6_Programming-Qs 3	--
W6_Programming-Qs 4	--
Assignment 7	78

Screenshot 3 (bottom-left)

Course Progress

Assignment 6	49
W6_Programming-Qs 1	--
W6_Programming-Qs 2	--
W6_Programming-Qs 3	--
W6_Programming-Qs 4	--
Assignment 7	78
W7_Programming-Qs 1	--
W7_Programming-Qs 2	--
W7_Programming-Qs 3	--
W7_Programming-Qs 4	--
Assignment 8	80
W8_Programming-Qs 1	--
W8_Programming-Qs 2	--
W8_Programming-Qs 3	--
W8_Programming-Qs	--

Screenshot 4 (bottom-right)

Course Progress

W2_Programming-Qs1	--
W2_Programming-Qs2	--
W2_Programming-Qs3	--
W2_Programming-Qs4	--
Assignment 3	28
W3_Programming-Qs1	--
W3_Programming-Qs2	--
W3_Programming-Qs3	--
W3_Programming-Qs4	--
Assignment 4	17
W4_Programming-Qs1	--

W4_Programming-Qs2	--
W4_Programming-Qs3	--
W4_Programming-Qs4	--
Assignment 5	72
W5_Programming-Qs1	--
W5_Programming-Qs2	--
W5_Programming-Qs3	--
Assignment 6	89
W6_Programming-Qs1	--
W6_Programming-Qs2	--
W6_Programming-Qs3	--

W6_Programming-Qs4	--
Assignment 7	78
W7_Programming-Qs1	--
W7_Programming-Qs2	--
W7_Programming-Qs3	--
W7_Programming-Qs4	--
Assignment 8	100
W8_Programming-Qs1	--
W8_Programming-Qs2	--
W8_Programming-Qs3	--
W8_Programming-Qs4	--
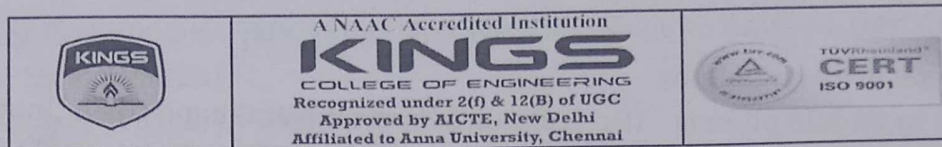
Department of Computer Science & Engineering
Academic Year 2021-22 / ODD Semester
Introduction to cyber security
Syllabus

Course layout
Week 1
Introduction to Cyber Space
History of Internet   [Dr. Jeetendra Pande, Uttarakhand Open University]
Cyber Crime   [Dr. Jeetendra Pande, Uttarakhand Open University]
Information Security   [Dr. Jeetendra Pande, Uttarakhand Open University]
Computer Ethics and Security Policies   [Dr. Jeetendra Pande, Uttarakhand Open University]
Quiz
Week 2
Choosing the Best Browser according to the requirement and email security
Guidelines to choose web browsers   [Mr. Arun Kumar- CISSP]
Securing web browser [Mr. Arun Kumar- CISSP]
Antivirus   [Mr. Arun Kumar- CISSP]
Email security   [Dr. Ajay Prasad, UPES, Dehradun]
Quiz
Week 3
Guidelines for secure password and wi-fi security
Guidelines for setting up a Secure password   [Mr. Arun Kumar- CISSP]
Two-steps authentication   [Mr. Arun Kumar- CISSP]
Password Manager   [Mr. Arun Kumar- CISSP]
Wi-Fi Security [Dr. Jeetendra Pande]
Quiz
Week 4
Guidelines for social media and basic Windows security
Guidelines for social media security   [Dr. V.V. Rao, Scientist- CERT-In]
Tips and best practices for safer Social Networking   [Dr. V..V. Rao, Scientist- CERT-In]
Basic Security for Windows   [Dr. Jeetendra Pande, Uttarakhand Open University]
User Account Password   [Dr. Jeetendra Pande, Uttarakhand Open University]
Quiz

Week 5

Smartphone security guidelines

Introduction to mobile phones   [Dr. Jeetendra Pande, Uttarakhand Open University]

Smartphone Security   [Dr. Jeetendra Pande, Uttarakhand Open University]

Android Security   [Dr. Jeetendra Pande, Uttarakhand Open University]

IOS Security   [Dr. Jeetendra Pande, Uttarakhand Open University]

Quiz

Week 6

Cyber Security Initiatives in India

Counter Cyber Security Initiatives in India   [Mr. Ashutosh Bahuguna- Scientist- CERT-In]

Cyber Security Exercise   [Mr. Ashutosh Bahuguna- Scientist- CERT-In]

Cyber Security Incident Handling   [Mr. Ashutosh Bahuguna- Scientist- CERT-In]

Cyber Security Assurance   [Mr. Ashutosh Bahuguna- Scientist- CERT-In]

Quiz

Week 7

Online Banking, Credit Card and UPI Security

Online Banking Security   [Dr. Jeetendra Pande, Uttarakhand Open University]

Mobile Banking Security   [Dr. Jeetendra Pande, Uttarakhand Open University]

Security of Debit and Credit Card   [Dr. Jeetendra Pande, Uttarakhand Open University]

UPI Security   [Dr. Jeetendra Pande, Uttarakhand Open University]

Quiz

Week 8

 Micro ATM, e-wallet and POS Security

Security of Micro ATMs   [Dr. Jeetendra Pande, Uttarakhand Open University]

e-wallet Security Guidelines   [Dr. Jeetendra Pande, Uttarakhand Open University]

Security Guidelines for Point of Sales(POS)   [Dr. Jeetendra Pande, Uttarakhand Open University]

Quiz

Week 9

Social Engineering

Social Engineering   [Dr. Jeetendra Pande, Uttarakhand Open University]

Types of Social Engineering   [Dr. Jeetendra Pande,Uttarakhand Open University]

How Cyber Criminal Works   [Er. Jayash Sharma, Anand Engineering College]

How to prevent for being a victim of Cyber Crime [Er. Jayash Sharma, Anand Engineering College]

Quiz

Week 10

Cyber Security Threat Landscape and Techniques

Cyber Security Threat Landscape   [Dr. A Murli Rao, IGNOU]

Emerging Cyber Security Threats   [Dr. A Murli Rao, IGNOU]

Cyber Security Techniques   [Ms. Tripti Misra and Ms. Shahina Anwaru, Assistant Professor- UPES, Dehradun]

Firewall   [Dr. Ajay Prasad, UPES, Dehradun]

Quiz

Week 11

IT Security Act and Misc. Topics

IT Act [Dr. Darpan Anand, Associate Professor- Chandigarh University]

Hackers-Attacker-Countermeasures   [Dr. A Murli Rao, Head- Computer Division, IGNOU]

Web Application Security   [Dr. A Murli Rao, Head- Computer Division, IGNOU]

Digital Infrastructure Security   [Dr. A Murli Rao, Head- Computer Division, IGNOU]

Defensive Programming   [Dr. A Murli Rao, Head- Computer Division, IGNOU]

Quiz

Week 12

Information Destroying and Recovery Tools

Recovering from Information Loss [Dr. Jeetendra Pande, Uttarakhand Open University]
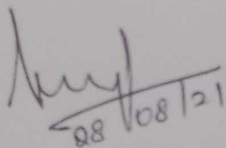
Destroying Sensitive Information   [Dr. Jeetendra Pande, Uttarakhand Open University]

CCleaner for Windows   [Dr. Jeetendra Pande, Uttarakhand Open University]
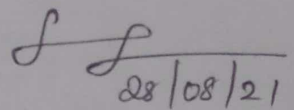
Quiz

Books and references

1. Introduction to Cyber Security available at http://uou.ac.in/foundation-course
2. Fundamentals of Information Security
   https://www.uou.ac.in/progdetail?pid=MSCCS-18
3. Cyber Security Techniques https://www.uou.ac.in/progdetail?pid=MSCCS-18
4. Cyber Attacks and Counter Measures: User Perspective
   https://www.uou.ac.in/progdetail?pid=MSCCS-18
5. Information System https://www.uou.ac.in/progdetail?pid=MSCCS-18

08/08/21

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28/08/21

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TIME TABLE (AUG 2021 – NOV 2021, ODD SEM)
B.E – CSE (Regulation 2017) – With Effect from 01.09.2021

Batch: 2019-2023
Year: III

Strength: 49
Block : II

Semester: V   Class Room : 223

Session	1	2	11.30 am - 11.45 am	3	12.45 pm - 1.30 pm	4	5
Day	09.30am - 10.30am	10.30am - 11.30am		11.45am - 12.45pm		01.30pm - 02.30pm	02.30pm - 03.30pm
MON	MA8551	CS8592	BREAK	OMF551	LUNCH BREAK	CS8591	EC8691
TUE	MA8551	CS8592		CS8501		OMF551	CS8591
WED	CS8501	MA8551		EC8691		CS8591	T&P(A)
THU	OMF551	CS8592		EC8691		MA8551	CS8501
FRI	EC8691	CS8591		CS8592		CS8501	OMF551
SAT	VAC01			GATE		SWAYAM	T&P(SS)

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
TUTORIAL (T), ELECTIVE (E)						
MA8551	Algebra and Number Theory	BS	4	Dr.G.Jeyakrishnan	MATHS	4
CS8591	Computer Networks	PC	3	Dr.D.Sivakumar	CSE	4
EC8691	Microprocessor and Microcontroller	PC	3	Mr.R.Thandayuthapani	ECE	4
CS8501	Theory of Computation	PC	3	Ms.S.Puvaneswari	CSE	4
CS8592	Object Oriented Analysis and Design	PC	3	Dr.S.M.Uma	CSE	4
OMF551	Product Design and Development	OE	3 (OE1)	Mr.R.Sriramkumar	CSE	4
VALUE ADDITION INTIATIVES (VAI)						
GATE	GATE / Competitive Exam	VAI	-	Ms.B.Sangeetha / Ms.C.Chandraprabha	CSE	1
SWAYAM	Swayam/NPTEL Online class	VAI	-	Mr.R.Sriramkumar	CSE	1
T&P (A)	Training & Placement - Aptitude	VAI	-	Ms.P.Suganya	T&P	1
T&P(SS)	Training & Placement - Softskill	VAI	-	Mr.B.Sureshbabu	MGMT	1
VAC 01	Value Added Course – Game Development using Scratch	VAI	2	Ms.R.Suganthalakshmi& Ms.G.Chandraprabha	CSE	2

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES		ROLL NO
Ms.R.Sriramkumar	T.Bavatharani		11
	S.Venkatramanan		46
CLASS COMMITTEE CHAIR PERSON	Mr.S.Rajarajan		

28/08/21
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H.O.D of Computer Science & Engineering 28/8/21
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Pudukottai (Dt) - 613 303.

Rethinapriya.T

Date enrolled: 2022-08-17

Email: priyathanapal02@gmail.com

Name: Rethinapriya.T

Assessment scores

Quiz 1 (Check your progress) 80.0
Quiz 2 (Check your progress) 100.0
Quiz 3 (Check your progress) 100.0
Quiz 4 (Check your progress) 100.0
Quiz 5 (Check your progress) 100.0
Quiz 6 (Check your progress) 100.0
Quiz 7 (Check your progress) 100.0
Quiz 8 (Check your progress) 100.0
Quiz 9 (Check your progress) 80.0
Quiz 10 (Check your progress) 100.0
Final Quiz -

Announcement
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Course outline

- INTRODUCTION TO CYBER SPACE
- CYBER CRIME
- INFORMATION SECURITY
- ETHICAL ASPECT OF INFORMATION SECURITY
- QUIZ 1
- CHOOSING THE BEST BROWSER ACCORDING TO THE REQUIREMENTS
- SECURING WEB BROWSERS
- ANTIVIRUS
- E-MAIL SECURITY
- QUIZ 2
- GUIDELINES FOR SECURE PASSWORD
- TWO-STEP AUTHENTICATION
- USING PASSWORD MANAGER
- WI-FI SECURITY
- QUIZ 3

IGNOU » Introduction to Cyber Security   Announcements   About the Course   Ask a Question   Progress   Mentor   Review Assignment

J. Fasila Afreen

Date enrolled: 2021-07-03

Email: afreenfasi@gmail.com

Name: J. Fasila Afreen

Assessment scores

Quiz 1: 90.0
Quiz 2: 100.0
Quiz 3: 100.0
Quiz 4: 90.0
Quiz 5: 100.0
Quiz 6: 100.0
Quiz 7: 100.0
Quiz 8: 90.0
Quiz 9: 10.0
Quiz 10: 100.0

Course outline

- INTRODUCTION TO CYBER SPACE
- CYBER CRIME
- INFORMATION SECURITY
- ETHICAL ASPECT OF INFORMATION SECURITY
- QUIZ 1
- CHOOSING THE BEST BROWSER ACCORDING TO THE REQUIREMENTS
- SECURING WEB BROWSERS
- ANTIVIRUS
- E-MAIL SECURITY
- QUIZ 2
- GUIDELINES FOR SECURE PASSWORD
- TWO-STEP AUTHENTICATION
- USING PASSWORD

MURALIDHARAN.N

Assessment scores

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Department of Computer Science & Engineering

Academic Year 2021-22 / ODD Semester

Web development Technologies and Multimedia Applications

Syllabus

COURSE LAYOUT

BLOCK-1 : INTERNET CONCEPTS

Week-1: Internet : An Overview
Week-2: Concepts of Web Browser
Week-3: Internet Search
Week-4: What can we do using Internet

BLOCK-2: WEB PAGE DESIGN
Week-5: Introduction to HTML
 Tools for Web Page Designing
Week-6: Designing of Frames and Forms

BLOCK-3: INTRODUCTION TO MULTIMEDIA
Week-7: An Overview of Multimedia
Week-8: Multimedia Design, Production and Distribution
Week-9: Applications of Multimedia
Week-10: Distributed Environment
Week-11: Multimedia Authoring Tools (Part-1)
Week-12: Multimedia Authoring Tools (Part-2)

BOOKS AND REFERENCES
IGNOU Study Material of CIT-003(Web based Technologies and Multimedia Applications)
that includes the following 3 blocks
(http://www.egyankosh.ac.in/handle/123456789/618) :
Block-1 : Internet Concepts
Block-2 : Web Page Design
Block-3 : Introduction to Multimedia

15/8/21
STAFF INCHARGE

HOD/CSE 15/8/21
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Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.
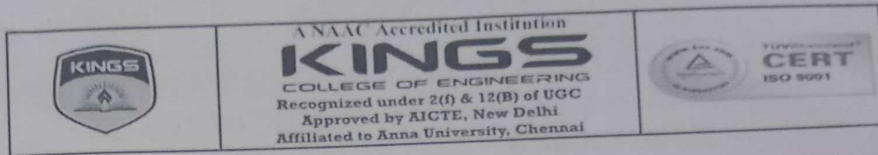
Department of Computer Science & Engineering

Academic Year 2021-22 / ODD Semester

PYTHON FOR DATA SCIENCE

Syllabus

Course layout

Week 1:

BASICS OF PYTHON SPYDER (TOOL)

- Introduction Spyder

- Setting working Directory

- Creating and saving a script file

- File execution, clearing console, removing variables from environment, clearing environment

- Commenting script files

- Variable creation

- Arithmetic and logical operators

- Data types and associated operations

Week 2:

Sequence data types and associated operations

- Strings

- Lists

- Arrays

- Tuples

- Dictionary

- Sets

- Range

NumPy ndArray

Week 3:

Pandas dataframe and dataframe related operations on Toyota Corolla dataset

Reading files

Exploratory data analysis

Data preparation and preprocessing

Data visualization on Toyoto Corolla dataset using matplotlib and seaborn libraries

Scatter plot

Line plot

Bar plot

Histogram

Box plot

Pair plot

Control structures using Toyota Corolla dataset

if-else family

for loop

for loop with if break

while loop

Functions

Week 4: CASE STUDY

Regression

Predicting price of pre-owned cars

Classification

Classifying personal income

16|8|21

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Affiliated to Anna University, Chennai

CERT
ISO 9001

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TIME TABLE (AUG 2021 – NOV 2021, ODD SEM)
B.E – CSE (Regulation 2017) - With Effect from 01.09.2021

Batch: 2018-2022
Year: IV
Semester: VII
Class Room: 225
Strength: 42
Block: II

Session	1	2	11.30 am - 11.45 am	3	12.45 pm - 01.30 pm	4	5
Day	09.30am - 10.30am	10.30am - 11.30am		11.45am - 12.45pm		01.30pm - 02.30pm	02.30pm - 03.30pm
MON	OME752	CS8791	BREAK	CS8088	LUNCH BREAK	MG8591	CS8792
TUE	CS8792	MG8591		CS8088		IT8075	OME752
WED	CS8791	MG8591		IT8075		CS8792	CS8088
THU	CS8088	CS8792		CS8791		IT8075	OME752
FRI	T&P(SS)	T&P (SS)		OME752		CS8791	T&P(A)
SAT	MG8591	IT8075		T&P(A)		PROJECT	SWAYAM

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEE
	TUTORIAL (T), ELECTIVE (E)					
MG8591	Principles of Management	HS	3	Mr.B.Sureshbabu	MGMT	4
CS8792	Cryptography and Network Security	PC	3	Mr.S.Rajarajan	CSE	4
CS8791	Cloud Computing	PC	3	Mr.M.Arun	CSE	4
OME752	Supply Chain Management	OE	3(OE2)	Ms.R.Suganthalakshmi	CSE	4
IT8075	Software Project Management	PE	3(PE2)	Ms.S.Puvaneswari	CSE	4
CS8088	Wireless Adhoc& Sensor Network	PE	3(PE3)	Ms.B.Sangeetha	CSE	4
	VALUE ADDITION INITIATIVES (VAI)					
PROJECT	Project Work Phase I	VAI	-	Dr.S.M.Uma	CSE	1
SWAYAM	Swayam / NPTEL Online class	VAI	-	Mr.S.Rajarajan	CSE	1
T&P (A)	Training & Placement - Aptitude	VAI	-	Ms.P.Suganya	T&P	2
T&P(SS)	Training & Placement - Softskill	VAI	-	Dr.K.Sudhakar	MGMT	2

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES	ROLL NO
	B.Gunaseelan	16
Mr.S.Rajarajan	T.Selvarani	33
CLASS COMMITTEE CHAIR PERSON	Ms.G.Chandraprabha	

16/8/22

16/8/21

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Pudukottai (Dt) - 613 303.

Course Progress

abarana

Date enrolled: 2020-08-29

Email: abarna@gmail.com

Name: ABARNA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: -

Non Proctored Exam Session 2: -

Non Proctored Exam Set 1: -

Non Proctored Exam Set 2: -

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Discussion forum:
If you want to unsubscribe from forum Click here

Course Progress

ABIRAMI M

Date enrolled: 2020-08-29

Email: abIRAMI02@gmail.com

Name: ABIRAMI.M

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 99

Non Proctored Exam Session 2: -

Non Proctored Exam Set 1: -

Non Proctored Exam Set 2: -

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V. DEEPIKA

Date enrolled: 2020-08-29

Email. - deepi@gmail.com

Name: V. DEEPIKA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 50

Non Proctored Exam Session 2: 50

Non Proctored Exam Set 1:

Non Proctored Exam set 2:

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ABIRAMI K

Date enrolled: 2020-08-29

Email. abiRAMI025@gmail.com

Name: ABIRAMI.K

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 99

Non Proctored Exam Session 2: 100

Non Proctored Exam Set 1:

Non Proctored Exam set 2:

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ABIRAMI P

Date enrolled : 2020-08-29

Email : .abiiRAMIP300@gmail.com

Name : .. ABIRAMI.P

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 99

Non Proctored Exam Session 2: -100

Non Proctored Exam Set 1:

Non Proctored Exam set 2:

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A. ARCHANA

Date enrolled : 2020-08-29

Email : archana@gmail.com

Name : A. ARCHANA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 98

Non Proctored Exam Session 2: -50

Non Proctored Exam Set 1:

Non Proctored Exam set 2:

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T. ABURVANAYAKI

Date enrolled: 2020-08-29

Email: -aburva@yahoo.com

Name: T. ABURVANAYAKI

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 100

Non Proctored Exam Session 2: - 68

Non Proctored Exam Set 1:

Non Proctored Exam set 2:

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J. GAYATHRI

Date enrolled: 2020-08-29

Email: -gayu032gmail.com

Name: J. GAYATHRI

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 50

Non Proctored Exam Session 2: - 50

Non Proctored Exam Set 1:

Non Proctored Exam set 2:

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K. GAYATHRI

Date enrolled: 2020-08-29

Email : gayathrikoos@gmail.com

Name : K. GAYATHRI

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 100

Non Proctored Exam Session 2: -100

Non Proctored Exam Set 1:

Non Proctored Exam set 2: 100

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R. SARATHKUMAR

Date enrolled: 2020-08-29

Email : sarath@gmail.com

Name : R. SARATHKUMAR

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 65

Non Proctored Exam Session 2: -100

Non Proctored Exam Set 1:

Non Proctored Exam set 2: 100

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K. SOWMIYA

Date enrolled: 2020-08-29

Email: _ KSOWMIYA@gmail.com

Name: _ K. SOWMIYA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 65

Non Proctored Exam Session 2: - 95

Non Proctored Exam Set 1: -

Non Proctored Exam set 2: - 95

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R. SURYA

Date enrolled: 2020-08-29

Email: _ - Rsurya@gmail.com

Name: _ R. SURYA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 65

Non Proctored Exam Session 2: - 95

Non Proctored Exam Set 1: -

Non Proctored Exam set 2: 100

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Course Progress

S. VITHYADHARAN

Date enrolled: 2020-08-29

Email: vithiyadharan922@gmail.com

Name: S. VITHYADHARAN

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 65

Non Proctored Exam Session 2: 100

Non Proctored Exam Set 1:

Non Proctored Exam set 2: 100

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Course Progress

D. GOPINATHAN

Date enrolled: 2020-08-29

Email: gopid054@gmail.com

Name: D. GOPINATHAN

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 65

Non Proctored Exam Session 2: 100

Non Proctored Exam Set 1:

Non Proctored Exam set 2: 100

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R. SINDU

Date enrolled: 2020-08-29

Email : sindhurr062gmail.com

Name : .   R. SINDU

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1:   65

Non Proctored Exam Session 2:   -50

Non Proctored Exam Set 1: -

Non Proctored Exam set 2:   -65

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P. VAISHNAVI

Date enrolled: 2020-08-29

Email :   -vaishu062gmail.com

Name : .   P. VAISHNAVI

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1:   65

Non Proctored Exam Session 2:   -50

Non Proctored Exam Set 1: -

Non Proctored Exam set 2:   -65

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R. SURYA

Date enrolled: 2020-08-29

Email : suryasaa25gmail.com

Name : R. SURYA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 65

Non Proctored Exam Session 2: 50

Non Proctored Exam Set 1: -

Non Proctored Exam set 2: 80

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S. SNEKA

Date enrolled: 2020-08-29

Email : sneka234@gmail.com

Name : S. SNEKA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 65

Non Proctored Exam Session 2: 100

Non Proctored Exam Set 1: -

Non Proctored Exam set 2: 80

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SNEKA k

Date enrolled: 2020-08-29

Email: ksneka2458@gmail.com

Name: k.SNEKA

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 98

Non Proctored Exam Session 2: -100

Non Proctored Exam Set 1:

Non Proctored Exam set 2:   100

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T. SELVARANI

Date enrolled: 2020-08-29

Email: selvadhanush@gmail.com

Name: T. SELVARANI

Assessment scores

Assignment 0: 77.0

Assignment 1: 79.0

Assignment 2: 84

Assignment 3: 53.0

Assignment 4: 33.0

Non Proctored Exam Session 1: 73.0

Non Proctored Exam Session 2: 67.0

Non Proctored Exam Session 1: 98

Non Proctored Exam Session 2: -98

Non Proctored Exam Set 1:

Non Proctored Exam set 2:   -85

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NPTEL - Python for Data Science

Course Progress

J. Gayathri

Date enrolled: 2020-08-29

Email: gayathrigayathri3@gmail.com

Name: J. Gayathri

Assessment Scores

Assignment 0   17.8

Assignment 1   79.8

Assignment 2   84

Assignment 3   50.8

Assignment 4   63.8

Max Practice Exam Session 1   73.0

Max Practice Exam Session 2   67.0

Max Proctored Exam Session 1

Max Proctored Exam Session 2

Max Proctored Exam Set 1

Max Proctored Exam Set 2

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ACADEMIC YEAR 2021-22 / ODD SEMESTER
SWAYAM COURSE –REPORT

S.No	Year/Sem	Course Registered	No of Students Enrolled	No of Students Completed
1	II/III	Android Mobile Application Development	38	38
2	II/III	Cloud Computing	26	26
3	III/V	Web Development Technology & Multimedia Application	26	26
4	III/V	Introduction to Cyber Security	24	23
5	IV/VII	Python for Data Science	42	42

OUTCOME:

At the end of the course, the students

Android Mobile Application Development

- Can able to read, write and develop the application in various platforms.
- Improved their skills to cope with the current demand of android application.
- Can able to create the android mobile application.

Cloud Computing

- Got more knowledge's in working with cloud environment.
- Can able to develop the cloud and able to get their applications done.

Web Development Technology & Multimedia Application

- Able to analyze a web page and identify its elements and attributes.
- Can able to create web pages using XHTML and Cascading Style Sheets.
- Will improve their skills to cope with the current demand of web development application and can able to create the web application.

Introduction to Cyber Security

- Analyze and evaluate the cyber security needs of an organization.
- Measure the performance and troubleshoot cyber security systems.
- Implement cyber security solutions.

Python for Data Science

- Can able to translate fundamental programming concepts such as loops, conditionals, etc into Python code.
- Understand the key data structures in Python.
- Understand how to write functions in Python and assess if they are correct via unit testing.
- Able to become proficient in the statistical analysis of data and the use of computation tools for data analysis.

COURSE INCHARGE

H.O.D of Computer Science & Engineering
HOD/CSE
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303,

07/12/2022
PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2021-22 EVEN SEMESTER

CIRCULAR

01.03.2022

Our department has planned to offer a **SWAYAM- NPTEL course** for II,III,IV year students from **16.3.2022** on through which the students can be exposed to the currently trending domain Kindly go through the course schedule mentioned below for your reference and from the list you can your optional course.

Course Details

Name of the course	Duration of the course	Start Date
Data Analytics with Python Assignment	12 weeks	10.3.2022
Compiler design	12 weeks	09.03.2022
Programming in c	10 weeks	07.03.2022
Data structures algorithms	14 weeks	10.03.2022

Note

- To be circulated in II,III,IV CSE Whatsapp group
- Copy to Notice board

HOD/CSE

H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.

Department of Computer Science & Engineering

Academic Year 2021-22 / EVEN Semester

DATA ANALYTICS WITH PYTHON

Syllabus

Course layout

Week 1:		Introduction to data analytics and Python fundamentals
Week 2:		Introduction to probability
Week 3:		Sampling and sampling distributions
Week 4:		Hypothesis testing
Week 5:		Two sample testing and introduction to ANOVA
Week 6:		Two way ANOVA and linear regression
Week 7:		Linear regression and multiple regression
Week 8:		Concepts of MLE and Logistic regression
Week 9:		ROC and Regression Analysis Model Building
Week 10	:	c2 Test and introduction to cluster analysis
Week 11	:	Clustering analysis
Week 12	:	Classification and Regression Trees (CART)

Books and references

1.	McKinney, W. (2012). Python for data analysis: Data wrangling with Pandas, NumPy, and IPython. " O'Reilly Media, Inc.".

2.	Swaroop, C. H. (2003). A Byte of Python. Python Tutorial.

3.   Ken Black, sixth Editing. Business Statistics for Contemporary Decision Making. "John Wiley & Sons, Inc".

4.   Anderson Sweeney Williams (2011). Statistics for Business and Economics. "Cengage Learning".

5.   Douglas C. Montgomery, George C. Runger (2002). Applied Statistics & Probability for Engineering. "John Wiley & Sons, Inc"

6.   Jay L. Devore (2011). Probability and Statistics for Engineering and the Sciences. "Cengage Learning".

7.   David W. Hosmer, Stanley Lemeshow (2000). Applied logistic regression (Wiley Series in probability and statistics). "Wiley-Interscience Publication".

8.   Jiawei Han and Micheline Kamber (2006). Data Mining: Concepts and Techniques. "

9.   Leonard Kaufman, Peter J. Rousseeuw (1990). Finding Groups in Data: An Introduction to Cluster Analysis. "John Wiley & Sons, Inc".

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TIME TABLE (MARCH 2022 – JUNE 2022, EVEN SEM)
B.E – CSE (Reg. 2017) - With Effect from 16.03.22 - Tentative Last Working Day 16.06.2022

Batch:2020-2024   Strength 66

Year: II   Semester: IV   Class Room : 222   Block:
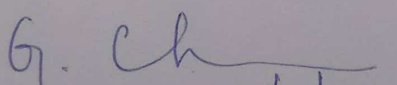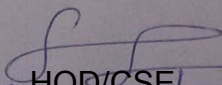
``	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm – 03.25 pm	7
Day	09.15am - 10.05am	10.05am - 10.55am		11.10am - 12.00pm	12.00pm - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.25pm - 04.15pm
MON	CS8491	CS8494	BREAK	HS8481		LUNCH BREAK	MA8402	CS8492	BREAK	CS8451
TUE	CS8494	CS8493		RFC	CS8481		CS8481			CS8481
WED	CS8493	CS8494		MA8402	CS8461		CS8461			CS8461
THU	CS8451	CS8491		CS8492	CS8493		MA8402	T&P(SS)		LIB/NET
FRI	MA8402	CS8491		CS8493	T&P(A)		CS8492	CS8451		SEMINA
SAT	CS8451	MA8402		CS8494	CS8492		CS8491	RFC		NPTEL

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WE
TUTORIAL (T), ELECTIVE (E)						
MA8402	Probability & Queuing Theory	BS	4	Dr.G.Jeyakrishnan	MATHS	5
CS8491	Computer Architecture	PC	3	Mrs.D.R.Saranya	CSE	4
CS8492	Database Management Systems	PC	3	Ms.G.Chandra Praba	CSE	4
CS8451	Design & Analysis of Algorithm	PC	3	Ms.S.Priyadharshini	CSE	4
CS8493	Operating Systems	PC	3	Ms.K.Abhirami	CSE	4
CS8494	Software Engineering	PC	3	Mrs.R.Shanthi	CSE	4
PRACTICAL						
CS8481	Database Management Systems Lab	PC	2	Ms.G.Chandra Praba & Ms.S.Priyadharshini	CSE	4
CS8461	Operating Systems Laboratory	PC	2	Mr.S.Rajarajan & Ms.S.Priyadharshini	CSE	4
HS8461	Advanced Reading & Writing	EEC	1	Mr.J.Radhakrishnan	ENG	2
VALUE ADDITION INITIATIVES (VAI)						
LIB/NET	Library / Internet		VAI	Ms.G.Chandra Praba	CSE	1
NPTEL	NPTEL / SWAYAM Online Course		VAI	Ms.G.Chandra Praba	CSE	1
RFC	Refresher Course in C Programming		VAI	Ms.B.Sangeetha	CSE	2
SEMINAR	Technical Seminar		VAI	Ms.R.S.Karthiga	CSE	1
T&P(A)	Training & Placement - Aptitude		VAI	Ms.P.Suganya	T&P	1
T&P(SS)	Training & Placement - Softskills		VAI	Dr.K.Sudhakar	T&P	1

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES	ROLL NO
	E.Muhilan	30
Ms.G.Chandra Praba	P.Sneha	50
CLASS COMMITTEE CHAIR PERSON	Ms.S.Puvaneswari	

STAFF INCHARGE

HOD/CSE

H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303

DATA ANALYTICS WITH PYTHON SAMPLES

R.BOOMIKA

Date enrolled: 2022-02-05

Email: boomikaramesh018@outlook.com

Name: R.BOOMIKA

Assessment scores

Week 1 : Assignment1: 80.0

Week5 : Asignment 5: 80.0

Week6 : Assignment 6: 90.0

Week4 : Assignment 4: 80.0

Week3 - Assignment 3: 60.0

Week2 : Assignment 2: 90.0

Week7 : Assignment 7: 90.0

Week8 : Assignment 8: 70.0

Week9 : Assignment 9: 90.0

Week10 : Assignment 10: 90.0

Week11 : Assignment 11: -

Week12 : Assignment 12: -

Email: rajbarath791@gmail.com

Name: Barathraj.R

Assessment scores

Week 1 : Assignment1: 90.0

Week5 : Asignment 5: 80.0

Week6 : Assignment 6: 100.0

Week4 : Assignment 4: 80.0

Week3 - Assignment 3: 70.0

Week2 : Assignment 2: 90.0

Week7 : Assignment 7: 90.0

Week8 : Assignment 8: 70.0

Week9 : Assignment 9: 90.0

Week10 : Assignment 10: 100.0

Week11 : Assignment 11: 100.0

Week12 : Assignment 12: -

onlinecourses.nptel.ac.in

D. Parkavi

Course outline

How does an NPTEL online course work?

Date enrolled: 2023-01-04

Email: parkavideshinamoorthy02@gmail.com

Name: D. Parkavi

Week 0

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 6: Assignment 6: 100.0

Week 1: Assignment 1: 100.0

Week 5

Week 5: Assignment 5: 90.0

Week 6

Week 2 : Assignment 2: 90.0

Week 7

Week 3 : Assignment 3: 60.0

Week 8

Week 4: Assignment 4: 90.0

Week 9

Week 7: Assignment 7: 90.0

Week 10

Week 8 : Assignment 8: 100.0

Week 11

Week 9: Assignment 9: 100.0

Week 12

Week 10: Assignment 10: 100.0

Download Videos

Week 11: Assignment 11: 100.0

Weekly Feedback

Text Transcripts

Week 12: Assignment 12: 100.0

10:59 AM

Course Progress

Email	ajay1459.tn@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Assignment 5	80
Week6 : Assignment 6	--
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	90
Week11 : Assignment 11	100

Name	S. DEEPAN
Email	deepansent hil6@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	--
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	90
Week11 : Assignment 11	100
Week12 : Assignment 12	--

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Name	S.Dinesh
Email	dineshsenthi l97@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	--
Week8 : Assignment 8	--
Week9 : Assignment 9	--
Week10 : Assignment 10	--
Week11 : Assignment 11	100
Week12 : Assignment 12	--

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Name	Elamaran.s
Email	elamaran172 003@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 – Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	60
Week10 :	

Your Assessment scores

Week 1 : Assignment1	80
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	100
Week11 : Assignment 11	100

swayam

NPTEL » Data Analytics with Python

Course Pro

Jayavani. k

Date enrolled: 2022-01-07

Email: jayavanikumaravel@gmail.com

Name: Jayavani. k

Assessment scores

Week 1 : Assignment1: 90.0

Week5 : Asignment 5: 80.0

Week6 : Assignment 6: 100.0

Week4 : Assignment 4: -

Week3 - Assignment 3: 70.0

Week2 : Assignment 2: 90.0

Week7 : Assignment 7: 80.0

Week8 : Assignment 8: 70.0

Week9 : Assignment 9: 90.0

Week10 : Assignment 10: -

Week11 : Assignment 11: 100.0

Week12 : Assignment 12: -

KRISHNAKUMAR G

Date enrolled: 2022-07-28

Email: gkrishnadgk@gmail.com

Name: KRISHNAKUMAR G

Assessment scores

Week 1 : Assignment 1: 67.0

Week 2 : Assignment 2: 67.0

Week 3 : Assignment 3: 80.0

Week 4 : Assignment 4: 80.0

Week 5 : Assignment 5: 93.0

Week 6 : Assignment 6: 100.0

Week 7 : Assignment 7: -

Week 8 : Assignment 8: 87.0

Week 9 : Assignment 9: 53.0

Week 10 : Assignment 10 80.0

Week 11 : Assignment 11 87.0

Week 12 : Assignment 12 -

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≡   Course Progress

LAVANYA J

Date enrolled: 2022-01-07

Email: lavanyajegan338@gmail.com

Name: LAVANYA J

Assessment scores

Week 1 : Assignment1: 90.0

Week5 : Assignment 5: 70.0

Week6 : Assignment 6:   -

Week4 : Assignment 4: 90.0

Week3 - Assignment 3: 70.0

Week2 : Assignment 2: 90.0

Week7 : Assignment 7: 90.0

Week8 : Assignment 8: 70.0

Week9 : Assignment 9: 100.0

Week10 : Assignment 10: 90.0

Week11 : Assignment 11: 80.0

Week12 : Assignment 12:   -

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---

Name	Yokeshwari
Email	panneeryokesh4@gmail.com
Date Enrolled	2022-01-30

Your Assessment scores

Week 1 : Assignment 1	90
Week5 : Asignment 5	60
Week6 : Assignment 6	--
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	--
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	90
Week11 : Assignment 11	100
Week12 : Assignment 12	--

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Left Screen

Name	Muhilan.E
Email	muhilanelangovan2003@gmail.co...
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	100
Week11 : Assignment 11	80
Week12 : Assignment 12	--
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Right Screen

Name	Naresh kumar.N
Email	nareshkumar200110@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	--
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	--
Week7 : Assignment 7	90
Week8 : Assignment	70

Name	Nithish S
Email	snithish0777@gmail.com
Date Enrolled	2021-01-20

Your Assessment scores

Assignment 0	62
Practice Assignment - 1	55
Assignment 1	59
Practice Assignment - 2	--
Assignment 2	32
Practice Assignment - 3	--
Assignment 3	93
Practice Assignment - 4	100
Assignment 4	90
Non Proctored Exam Session 1	--
Non Proctored Exam	

Week 1 : Assignment1	90
Week5 : Asignment 5	--
Week6 : Assignment 6	--
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	80
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	100
Week11 : Assignment 11	80
Week12 : Assignment 12	--

Name	S.Safreenbanu
Email	safreenb4@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	80
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	--

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Name	Santhosh kumar. G
Email	sk0573991@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	70
Week6 : Assignment 6	--
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	--
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	30
Week10 : Assignment 10	--
Week11 : Assignment 11	100
Week12 : Assignment 12	--

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← **Course Progress** ≡

Name	Sarvesh
Email	sarvesh201 102@gmail.com
Date Enrolled	2022-01-12

Your Assessment scores

Week 1 : Assignment1	..
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	..
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	80
Week10 : Assignment 10	90
Week11 : Assignment 11	100

← **Course Progress** ≡

Name	Sneha.P
Email	snehakumar2319@gmail .com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	90

Name	THIRUMURUGAN .S
Email	thirumurugan20 03.3.17@gmail....
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	--
Week4 : Assignment 4	70
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	20
Week10 : Assignment 10	--
Week11 : Assignment 11	100
Week12 : Assignment 12	--

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Name	J.ragul sankar
Email	ragulsankar03@gmail .com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

Course Progress

Name	VARSHA.N.N
Email	nandhininirmal051981@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	100
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	90
W--k10 · A--i---m--t	

11:04 100 65%

Course Progress

Name	VASANTH M
Email	manovasanthMrva7723@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment 1	80
Week5 : Asignment 5	80
Week6 : Assignment 6	--
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	40
Week10 : Assignment 10	--
Week11 : Assignment 11	--
Week12 : Assignment 12	10

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Name	Vichithra.V
Email	vvichithra365@gmail.com
Date Enrolled	2022-01-07

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	--
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	80
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	90
Week11 : Assignment 11	80
Week12 : Assignment 12	--

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Name	Yokeshwari
Email	panneeryokesh4@gmail.com
Date Enrolled	2022-01-30

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	60
Week6 : Assignment 6	--
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	--
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	90
Week11 : Assignment 11	100
Week12 : Assignment 12	--

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Date enrolled: 2022-01-07

Email:
veeratharani1971@gmail.com

Name: BHAVATHARANI.V

Assessment scores

Week 1 : Assignment1: **100.0**

Week5 : Asignment 5: **80.0**

Week6 : Assignment 6: **100.0**

Week4 : Assignment 4: **100.0**

Week3 - Assignment 3: **70.0**

Week2 : Assignment 2: **90.0**

Week7 : Assignment 7: -

Week8 : Assignment 8: -

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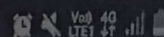
ATCHAYA.R.V

Date enrolled: 2022-01-07

Email: ratchaya025@gmail.com

Name: ATCHAYA.R.V

Assessment scores

Week 1 : Assignment1: **90.0**

Week5 : Asignment 5: **80.0**

Week6 : Assignment 6: **100.0**

Week4 : Assignment 4: **90.0**

Week3 - Assignment 3: **70.0**

Week2 : Assignment 2: **90.0**

Week7 : Assignment 7: **90.0**

Week8 : Assignment 8: **70.0**

Week9 : Assignment 9: **90.0**

Week10 : Assignment 10: **100.0**

Week11 : Assignment 11: **100.0**

Week12 : Assignment 12: -

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TIME TABLE (MARCH 2022 – JUNE 2022, EVEN SEM)
B.E – CSE (Reg. 2017) - With Effect from 16.03.22- Tentative Last Working Day 16.06.2022

Batch:2019-2023

Strength

Year: III   Semester: VI   Class Room : 227   Bloc

Session	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm - 03.25 pm	7
Day	09.15am - 10.05am	10.05am - 10.55am		11.10am - 12.00pm	12.00pm - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.25p - 04.15pr
MON	CS8691	CS8651	BREAK	CS8601	CS8602	LUNCH BREAK	CS8603	CS8651	BREAK	IT8076
TUE	CS8601	IT8076		T&P(A)	LIB/NET		HS8581			CS8691
WED	IT8076	CS8691		T&P(SS)	CS8661		CS8661			CS8661
THU	CS8602	CS8601		CS8603	CS8662		CS8662			CS8662
FRI	CS8651	CS8601		CS8611			CS8602			CS8603
SAT	CS8603	CS8602		CS8691	GATE		SEMINAR	CS8651		NPTEL

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
			TUTORIAL (T), ELECTIVE (E)			
CS8651	Internet Programming	PC	3	Mrs.R.S.Karthiga	CSE	4
CS8691	Artificial Intelligence	PC	3	Mrs.S.Puvaneswari	CSE	4
CS8601	Mobile Computing	PC	3	Dr.S.M.Uma	CSE	4
CS8602	Compiler Design	PC	4	Mrs.R.Shanthi	CSE	5
CS8603	Distributed Systems	PC	3	Mrs.B.Sangeetha	CSE	4
IT8076	Software Testing	PE	3 (PE1)	Ms.R.Suganthalakshmi	CSE	3
			PRACTICAL			
CS8661	Internet Programming Laboratory	PC	2	Mr.M.Arun & Ms.R.S.Karthiga	CSE	4
CS8662	Mobile Application Development Laboratory	PC	2	Ms.S.Puvaneswari & Ms.B.Sangeetha	CSE	4
CS8611	Mini Project	EEC	1	Ms.R.Suganthalakshmi	CSE	2
HS8581	Professional Communication	EEC	1	Mr.G.Dinesh	ENG	2
			VALUE ADDITION INITIATIVES (VAI)			
GATE	GATE / Competitive Coaching		VAI	Ms.B.Sangeetha / Ms.S.Priyadharshini	CSE	1
LIB/NET	Library / Internet		VAI	Ms.S.Puvaneswari	CSE	1
NPTEL	NPTEL / SWAYAM Online Courses		VAI	Ms.S.Puvaneswari	CSE	1
SEMINAR	Technical Seminar		VAI	Ms.R.Suganthalakshmi	CSE	1
T&P(A)	Training & Placement - Aptitude		VAI	Ms.P.Suganya	T&P	1
T&P(SS)	Training & Placement - Softskills		VAI	Mr.B.Sureshbabu	T&P	1

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES	ROLL NO
	S.Devipriya	12
Ms.S.Puvaneswari	T.Sathish	34
CLASS COMMITTEE CHAIR PERSON	Mr.S.Rajarajan	

STAFF INCHARGE

HOD/CSE

Panel 1 (top-left)

Airtel — 11:02 PM — 65%

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NPTEL » Data Analytics with Python

≡ Course Progress

J.Fasila Afreen

Date enrolled: 2022-01-02

Email: afreenfasi@gmail.com

Name: J.Fasila Afreen

Assessment scores

Week 1 : Assignment1: 90.0

Week5 : Asignment 5: 80.0

Week6 : Assignment 6: 100.0

Week4 : Assignment 4: 90.0

Week3 - Assignment 3: 70.0

Week2 : Assignment 2: 90.0

Panel 2 (top-right)

8:49 PM

← Course Progress

Week3 : Assignment 3

Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	100
Week11 : Assignment 11	80
Week12 : Assignment 12	70

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Panel 3 (bottom-left)

8:52

← Course Progress ≡

Assignment 4

Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	90
Week11 : Assignment 11	100
Week12 : Assignment 12	70

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Panel 4 (bottom-right)

Name	Ramakrishnan
Email	ramuelavarasan2002@gmail.com
Date Enrolled	2022-01-03

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

SWAYAM STATUS:

Name	G. Dharani
Email	dharanigandhi1810@gmail.com
Date Enrolled	2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	--
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100

← Course Progress ≡

Assignment 4	
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	--
Week12 : Assignment 12	--

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Bavya.S

Course outline

How does an NPTEL
online course work?

Week 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

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Books

Date enrolled: 2022-01-03

Email: bavyabavya288@gmail.com

Name: Bavya.S

Assessment scores

Week 1 : Assignment1: 100.0

Week5 : Assignment 5: -

Week6 : Assignment 6: 100.0

Week4 : Assignment 4: 90.0

Week3 - Assignment 3: 70.0

Week2 : Assignment 2: 90.0

Week7 : Assignment 7: 90.0

Week8 : Assignment 8: 70.0

Week9 : Assignment 9: 70.0

Week10 : Assignment 10: 100.0

Week11 : Assignment 11: -

Week12 : Assignment 12: -

SELVABHARATHI.jpg   ^   SURESH KARTHICK.jpg   ^   SURESH.jpg   ^
Removed

1.

← Course Progress

Name	S.selvabharathi
Email	selvabharathipkt2002@gmail.com
Date Enrolled	2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 – Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

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Screenshot 1 (top-left)

Name — S.selvabharathi

Email — selvabharathipk t2002@gmail.com

Date Enrolled — 2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Assignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 – Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

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Screenshot 2 (top-right)

Name — S.SURUTHI

Email — suruthisiva0@gmail.com

Date Enrolled — 2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	--
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	--
Week10 : Assignment 10	--
Week11 : Assignment 11	100
Week12 : Assignment 12	70

Screenshot 3 (bottom-left)

9:02 PM

Name — K. Tharanika

Email — tharanikakavai@gmail.c...

Date Enrolled — 2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Assignment 5	--
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70

Screenshot 4 (bottom-right)

swayam

samratvikramadhithanujjaini@gmail.com

NPTEL » Data Analytics with Python

≡ Course Progress

M.VIKIRAMADHITHAN

Date enrolled: 2022-01-02

Email: samratvikramadhithanujjaini@gmail.com

Name: M.VIKIRAMADHITHAN

Assessment scores

Week 1 : Assignment1	80.0
Week5 : Asignment 5	-
Week6 : Assignment 6	100.0
Week4 : Assignment 4	90.0
Week3 - Assignment 3	70.0
Week2 : Assignment 2	100.0
Week7 : Assignment 7	90.0
Week8 : Assignment 8	70.0
Week9 : Assignment 9	70.0
Week10 : Assignment 10	100.0
Week11 : Assignment 11	-
Week12 : Assignment 12	70.0

NPTEL » Data Analytics with Python

☰   Course Progress

J.Fasila Afreen

Date enrolled: 2022-01-02

Email: afreenfasi@gmail.com

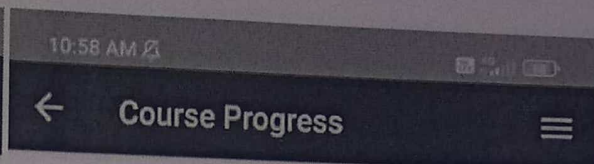Name: J.Fasila Afreen

Assessment scores

Week 1 : Assignment1: 90.0

Week5 : Asignment 5: 80.0

Week6 : Assignment 6: 100.0

Week4 : Assignment 4: 90.0

Week3 - Assignment 3: 70.0

Week2 : Assignment 2: 90.0

IAL. 17. A 7

WeekS : Assignment S

Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	90
Week10 : Assignment 10	100
Week11 : Assignment 11	80
Week12 : Assignment 12	70

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Assignment 4

Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	90
Week11 : Assignment 11	100
Week12 : Assignment 12	70

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Name	Ramakrishnan
Email	ramuelavarasan2002@gmail.com
Date Enrolled	2022-01-03

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

SWAYAM STATUS:

Name	G. Dharani
Email	dharanigandhi1810@gmail.com
Date Enrolled	2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	--
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100

Assignment 4	
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	90
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	--
Week12 : Assignment 12	--

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Course outline

How does an NPTEL
online course work?

Week 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Download Videos

Weekly Feedback

Text Transcripts

Books

Bavya.S

Date enrolled: 2022-01-03

Email: bavyabavya288@gmail.com

Name: Bavya.S

Assessment scores

Week 1 : Assignment1: 100.0

Week5 : Assignment 5:   -

Week6 : Assignment 6. 100.0

Week4 · Assignment 4: 90.0

Week3 - Assignment 3. 70.0

Week2 · Assignment 2: 90.0

Week7 · Assignment 7: 90.0

Week8 · Assignment 8   70.0

Week9 · Assignment 9   70.0

Week10 · Assignment 10   100.0

Week11 · Assignment 11.   -

Week12 · Assignment 12   -

SELVABHARATHI.jpg   ^   SURESH KARTHICK.jpg   ^   SURESH.jpg   ^
Removed

1.

Name	S.selvabharathi
Email	selvabharathipk t2002@gmail.com
Date Enrolled	2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 – Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

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Unsubscribe from Forum	If you want to unsubscribe from discussion forum, Click here.

Screenshot 1 (top-left)

Name	S.selvabharathi
Email	selvabharathipkt2002@gmail.com
Date Enrolled	2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 – Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

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Screenshot 2 (top-right)

Name	S.SURUTHI
Email	suruthisiva0@gmail.com
Date Enrolled	2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	--
Week6 : Assignment 6	100
Week 4 : Assignment 4	90
Week3 - Assignment 3	70
Week2 : Assignment 2	100
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	--
Week10 : Assignment 10	--
Week11 : Assignment 11	100
Week12 : Assignment 12	70

Screenshot 3 (bottom-left)

← Course Progress ≡

Name	K. Tharanika
Email	tharanikakavai@gmail.c...
Date Enrolled	2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	--
Week6 : Assignment 6	100
Week4 : Assignment 4	90
Week3 - Assignment 3	70

Screenshot 4 (bottom-right)

swayam

samratvikramadhithanujjaini@gmail.com

NPTEL » Data Analytics with Python

≡ Course Progress

M.VIKIRAMADHITHAN

Date enrolled: 2022-01-02

Email: samratvikramadhithanujjaini@gmail.com

Name: M.VIKIRAMADHITHAN

Assessment scores

Week 1 : Assignment1	80.0
Week5 : Asignment 5:	-
Week6 : Assignment 6:	100.0
Week4 : Assignment 4:	90.0
Week3 - Assignment 3:	70.0
Week2 : Assignment 2:	100.0
Week7 : Assignment 7:	90.0
Week8 : Assignment 8:	70.0
Week9 : Assignment 9:	70.0
Week10 : Assignment 10:	100.0
Week11 : Assignment 11:	-
Week12 : Assignment 12:	70.0

Name   Vengatramanan. S

Email   vengatramanan81@gmail.co[

Date Enrolled   2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	50
Week6 : Assignment 6	---
Week4 : Assignment 4	90
Week3 - Assignment 3	40
Week2 : Assignment 2	90
Week7 : Assignment 7	---
Week8 : Assignment 8	90
Week9 : Assignment 9	---
Week10 : Assignment 10	40
Week11 : Assignment 11	80
Week12 : Assignment 12	---

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2.

Name   S.selvabharathi

Email   selvabharathipk
                             t2002@gmail.com

Date Enrolled   2022-01-02

Your Assessment scores

Week 1 : Assignment1	90
Week5 : Asignment 5	80
Week6 : Assignment 6	100
Week4 : Assignment 4	80
Week3 - Assignment 3	70
Week2 : Assignment 2	90
Week7 : Assignment 7	80
Week8 : Assignment 8	70
Week9 : Assignment 9	70
Week10 : Assignment 10	100
Week11 : Assignment 11	100
Week12 : Assignment 12	70

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R.Aarthi

Course outline

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Email: aarthi3545@gmail.com

Week 0

Name :R.Aarthi

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 Assignment1 90.0

Week 5

Week5 Assignment 5 80.0

Week 6

Week8 Assignment 8 100.0

Week 7

Week4 Assignment 4 80.0

Week 8

Week0 - Assignment 0 70.0

Week 9

Week2 Assignment 2 90.0

Week 10

Week7 Assignment 7 -

Week 11

Week6 Assignment 6 70.0

Week 12

Week9 Assignment 9 -

Elayadharshini

Course outline

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Email: elayadharshini06061@gmail.com

Week 0

Name :Elayadharshini

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 Assignment1 -

Week 5

Week5 Assignment 5 -

Week 6

Week6 Assignment 6 -

Week 7

Week4 Assignment 4 -

Week 8

Week3 - Assignment 3 -

Week 9

Week2 Assignment 2 -

Week 10

Week7 Assignment 7 -

Week 11

Week8 Assignment 8 -

Week 12

Week9 Assignment 9 -

Date enrolled: 2022-01-02

How does an NPTEL
online course work?

Email: elayadharshini06061@gmail.com

Week 0

Name :Elayadharshini

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 Assignment1 -

Week 5

Week5 Assignment 5 -

Week 6

Week8 Assignment 8 -

Week 7

Week4 Assignment 4 -

Week 8

Week3 - Assignment 3 -

Week 9

Week2 Assignment 2 -

Week 10

Week7 Assignment 7 -

Week 11

Week8 Assignment 8 -

Week 12

Week9 Assignment 9 -

Download Videos

Week10 Assignment 10 -

Weekly Feedback

Week11 Assignment 11 -

Kamali.k

Course outline

Date enrolled: 2022-01-02

How does an NPTEL
online course work?

Email: kamali8417@gmail.com

Week 0

Name :Kamali.k

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 Assignment1 100.0

Week 5

Week5 Assignment 5 -

Week 6

Week6 Assignment 6 100.0

Week 7

Week4 Assignment 4 80.0

Week 8

Week3 - Assignment 3 70.0

Week 9

Week2 Assignment 2 100.0

Week 10

Week7 Assignment 7 90.0

Week 11

Week8 Assignment 8 70.0

Week 12

Week9 Assignment 9 90.0

karkuzhali.N

Course outline

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Email: karkuzhalineelamegam9@gmail.com

Week 0

Name: karkuzhali.N

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 : Assignment1   90.0

Week 5

Week5 : Assignment 5   -

Week 6

Week6 : Assignment 6   100.0

Week 7

Week4 : Assignment 4   80.0

Week 8

Week3 : Assignment 3   60.0

Week 9

Week2 : Assignment 2   90.0

Week 10

Week7 : Assignment 7   -

Week 11

Week8 : Assignment 8   70.0

Week 12

Week9 : Assignment 9   70.0

Rethinapriya

Course outline

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Email: priyathanapali12@gmail.com

Week 0

Name: Rethinapriya

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 : Assignment1   90.0

Week 5

Week3 : Assignment 5   -

Week 6

Week6 : Assignment 6   -

Week 7

Week4 : Assignment 4   80.0

Week 8

Week3 : Assignment 3   70.0

Week 9

Week2 : Assignment 2   90.0

Week 10

Week7 : Assignment 7   -

Week 11

Week8 : Assignment 8   -

Week 12

Week9 : Assignment 9   -

Date enrolled: 2022-01-03

How does an NPTEL
online course work?

Email: bavyabavya268@gmail.com

Week 0

Name: Bavya.S

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 : Assignment1   100.0

Week 5

Week6 : Assignment 5   -

Week 6

Week6 : Assignment 6   100.0

Week 7

Week4 : Assignment 4   90.0

Week 8

Week3 : Assignment 3   70.0

Week 9

Week2 : Assignment 2   90.0

Week 10

Week7 : Assignment 7   90.0

Week 11

Week8 : Assignment 8   70.0

Week 12

Week9 : Assignment 9   70.0

Download Videos

Week10 : Assignment 10   100.0

Weekly Feedback

Week11 : Assignment 11   -

Bavya.S

Course outline

How does an NPTEL
online course work?

Date enrolled: 2022-01-03

Email: bavyabavya268@gmail.com

Week 0

Name: Bavya.S

Week 1

Week 2

Assessment scores

Week 3

Week 4

Week 1 : Assignment1   100.0

Week 5

Week6 : Assignment 5   -

Week 6

Week6 : Assignment 6   100.0

Week 7

Week4 : Assignment 4   90.0

Week 8

Week3 : Assignment 3   70.0

Week 9

Week2 : Assignment 2   90.0

Week 10

Week7 : Assignment 7   90.0

Week 11

Week8 : Assignment 8   70.0

Week 12

Week9 : Assignment 9   70.0

Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
Download Videos
Weekly Feedback
Text Transcripts
Ebooks
Live sessions - Solve

Assessment scores

Week 1 : Assignment 1 100.0
Week5 Assignment 5   -
Week6 Assignment 6 100.0
Week4 Assignment 4 80.0
Week3 - Assignment 3 70.0
Week2 Assignment 2 100.0
Week7 Assignment 7 90.0
Week8 Assignment 8 70.0
Week9 Assignment 9 90.0
Week10 Assignment 10 100.0
Week11 Assignment 11 80.0
Week12 Assignment 12 70.0

Announcement

Course outline

How does an NPTEL online course work?

Week 0
Week 1
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Week 5
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12

Bakiya

Date enrolled: 2022-01-22

Email: bakiyacs.ity@gmail.com

Name: Bakiya

Assessment scores

Week 1 Assignment 1 40.0
Week5 Assignment 5   -
Week6 Assignment 6 100.0
Week4 Assignment 4 80.0
Week3 Assignment 5 70.0
Week2 Assignment 2 50.0
Week7 Assignment 7 90.0
Week8 Assignment 8   -
Week9 Assignment 9   -

Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
Download Videos
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Ebooks
Live sessions - Solve

Assessment scores

Week 1 Assignment 1 40.0
Week5 Assignment 5   -
Week6 Assignment 6 100.0
Week4 Assignment 4 80.0
Week3 - Assignment 3 70.0
Week2 Assignment 2 50.0
Week7 Assignment 7 90.0
Week8 Assignment 8   -
Week9 Assignment 9   -
Week10 Assignment 10   -
Week11 : Assignment 11   -
Week12 Assignment 12   -

Announcement

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Download Videos

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Books

Live sessions - Solve

Assessment scores

Week 1 : Assignment1: **100.0**

Week5 : Asignment 5: -

Week6 : Assignment 6: **100.0**

Week4 : Assignment 4: **80.0**

Week3 - Assignment 3: **70.0**

Week2 : Assignment 2: **100.0**

Week7 : Assignment 7: **90.0**

Week8 : Assignment 8: **70.0**

Week9 : Assignment 9: **90.0**

Week10 : Assignment 10 **100.0**

Week11 : Assignment 11: **80.0**

Week12 : Assignment 12: **70.0**

Announcement

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← → ○ ⌂ https://onlinecourses.nptel.ac.in/noc22_cs08/student/home ☆ ✕≡ ℓ ☞ ...

Course outline

How does an NPTEL
online course work?

Week 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Bakiya

Date enrolled: 2022-01-02

Email: bakyacs.tnj@gmail.com

Name: Bakiya

Assessment scores

Week 1 : Assignment1: **40.0**

Week5 : Asignment 5: -

Week6 : Assignment 6: **100.0**

Week4 : Assignment 4: **80.0**

Week3 - Assignment 3: **70.0**

Week2 : Assignment 2: **50.0**

Week7 : Assignment 7: **90.0**

Week8 : Assignment 8: -

Week9 : Assignment 9: -

google - Search   S Data Analytics with X   google mail - Search   Inbox (525) - bakyacs.tr   Gmail   Sign in – Google accou   + ∨   — □ X

← → ○ ⌂   https://onlinecourses.nptel.ac.in/noc22_cs03/student/home   ☆   ⌨ ℓ ⮫ ⋯

Week 1

Week 2   Assessment scores

Week 3

Week 4   Week 1 : Assignment1:   40.0

Week 5   Week5 : Asignment 5:   -

Week 6   Week6 : Assignment 6:   100.0

Week 7   Week4 : Assignment 4:   80.0

Week 8   Week3 - Assignment 3:   70.0

Week 9   Week2 : Assignment 2:   50.0

Week 10   Week7 : Assignment 7:   90.0

Week 11   Week8 : Assignment 8:   --

Week 12   Week9 : Assignment 9:   -

Download Videos   Week10 : Assignment 10   -

Weekly Feedback   Week11 : Assignment 11:   -

Text Transcripts   Week12 : Assignment 12   -

Books

Live sessions - Solve   Announcement

Course outline

How does an NPTEL
online course work?

Week 0

Week 1

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Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

R.Aarthi

Date enrolled: 2022-01-02

Email: aarthi8545@gmail.com

Name: R Aarthi

Assessment scores

Week 1 : Assignment1:   90.0

Week5 : Asignment 5:   80.0

Week6 : Assignment 6:   100.0

Week4 : Assignment 4:   80.0

Week3 - Assignment 3:   70.0

Week2 : Assignment 2   90.0

Week7 : Assignment 7   -

Week8 : Assignment 8:   70.0

Week9 : Assignment 9:   -

Course outline

How does an NPTEL
online course work?

Week 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Elayadharshini

Date enrolled: 2022-01-02

Email: elaiyadharshini60660@gmail.com

Name: Elayadharshini

Assessment scores

Week 1 : Assignment1:   -

Week5 : Asignment 5:   -

Week6 : Assignment 6:   -

Week4 : Assignment 4:   -

Week3 - Assignment 3   -

Week2 : Assignment 2   -

Week7 : Assignment 7   -

Week8 : Assignment 8:   -

Week9 : Assignment 9:   -

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Week 0

Email: elaiyadharshini60660@gmail.com

Week 1

Name: Elayadharshini

Week 2

Week 3

Assessment scores

Week 4

Week 1 : Assignment1:   -

Week 5

Week5 : Asignment 5:   -

Week 6

Week6 : Assignment 6:   -

Week 7

Week4 : Assignment 4:   -

Week 8

Week3 - Assignment 3:   -

Week 9

Week2 : Assignment 2:   -

Week 10

Week7 : Assignment 7   -

Week 11

Week8 : Assignment 8:   -

Week 12

Week9 : Assignment 9:   -

Download Videos

Week10 : Assignment 10   -

Weekly Feedback

Week11 : Assignment 11   -

Course outline

Kamali.k

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Week 0

Email: kamalik6417@gmail.com

Week 1

Name: Kamali.k

Week 2

Week 3

Assessment scores

Week 4

Week 1 : Assignment1:   100.0

Week 5

Week5 : Asignment 5:   -

Week 6

Week6 : Assignment 6:   100.0

Week 7

Week4 : Assignment 4:   80.0

Week 8

Week3 - Assignment 3:   70.0

Week 9

Week2 : Assignment 2:   100.0

Week 10

Week7 : Assignment 7:   90.0

Week 11

Week8 : Assignment 8:   70.0

Week 12

Week9 : Assignment 9:   90.0

Course outline

karkuzhali.N

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Week 0

Email: karkuzhalineelamegam9@gmail.com

Week 1

Name: karkuzhali N

Week 2

Week 3

Assessment scores

Week 4

Week 1 : Assignment1: **90.0**

Week 5

Week5 : Asignment 5:   .

Week 6

Week6 : Assignment 6: **100.0**

Week 7

Week4 : Assignment 4: **80.0**

Week 8

Week3 - Assignment 3: **60.0**

Week 9

Week2 : Assignment 2: **90.0**

Week 10

Week7 : Assignment 7:   .

Week 11

Week8 : Assignment 8: **70.0**

Week 12

Week9 : Assignment 9: **70.0**

Course outline

Rethinapriya

How does an NPTEL
online course work?

Date enrolled: 2022-01-02

Week 0

Email: priyathanapal02@gmail.com

Week 1

Name: Rethinapriya

Week 2

Week 3

Assessment scores

Week 4

Week 1 : Assignment1: **90.0**

Week 5

Week5 : Asignment 5:   -

Week 6

Week6 : Assignment 6:   -

Week 7

Week4 : Assignment 4: **80.0**

Week 8

Week3 - Assignment 3: **70.0**

Week 9

Week2 : Assignment 2: **90.0**

Week 10

Week7 : Assignment 7:   -

Week 11

Week8 : Assignment 8:   -

Week 12

Week9 : Assignment 9:   -

Bavya.S

Date enrolled: 2022-01-03

Email: bavyabavya288@gmail.com

Name: Bavya.S

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Assessment scores

Week 1 : Assignment1: **100.0**

Week5 : Assignment 5: -

Week6 : Assignment 6: **100.0**

Week4 : Assignment 4: **90.0**

Week3 - Assignment 3: **70.0**

Week2 : Assignment 2: **90.0**

Week7 : Assignment 7: **90.0**

Week8 : Assignment 8: **70.0**

Week9 : Assignment 9: **70.0**

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CERT
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TIME TABLE (MARCH 2022 - JUNE 2022, EVEN SEM)
B.E – CSE (Reg. 2017) - With Effect from 16.03.2022 - Tentative Last Working Day - 16.06.2022

Batch:2018-2022
Year: IV   Semester: VIII   Class Room : 225   Strength:4   Block.

Session	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm - 03.25 pm	7
Day	09.15am - 10.05am	10.05am - 10.55am		11.10am - 12.00pm	12.00pm - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.15pm - 04.15pm
MON	CS8078	IT8073/ GE8076	BREAK	LIB/NET	RWP	LUNCH BREAK	IT8073/ GE8076	SDC	BREAK	SDC
TUE	CS8078	IT8073/ GE8076		CS8078	IT8073/ GE8076		CS8078	CS8811		CS8811
WED	IT8073/ GE8076	CS8078		IT8073/ GE8076	CS8078		T&P(A)	MCC		MCC
THU	IT8073/ GE8076	CS8078		T&P(SS)	IT8073/ GE8076		CS8078	MCC		MCC
FRI	CS8078	IT8073/ GE8076		CS8078	IT8073/ GE8076		MCC			MCC
SAT	CS8811			CS8811			CS8811			CS8811

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
		TUTORIAL (T), ELECTIVE (E)				
IT8073	Information Security	PE	3(E4)	Mr.S.Rajarajan	CSE	10
GE8076	Professional Ethics in Engineering	PE	3(E4)	Dr.K.Sudhakar	T&P	10
CS8078	Green Computing	PE	3(E5)	Mr.M.Arun	CSE	10
		PRACTICAL				
CS8811	Project Work	EEC	10	Dr.S.M.Uma	CSE	9
		VALUE ADDITION INTIATIVES (VAI)				
LIB/NET	Library / Internet	VAI		Mr.S.Rajarajan	CSE	1
MCC	Swayam/ NPTEL Online Course	VAI		Mr.S.Rajarajan & Ms.D.R.Saranya	CSE	1
RWP	Report Writing Practice	VAI		Ms.K.Abhirami & Ms.R.S.Karthiga	CSE	1
SDC	Skill Development Course	VAI		Mr.M.Arun	CSE	2
T&P(A)	Training and Placement (Aptitude)	VAI		Ms.P.Suganya	T&P	1
T&P(SS)	Training and Placement (Soft Skills)	VAI		Mr.B.Sureshbabu		1

CLASS CO-ORDINATOR

Mr.S.Rajarajan

CLASS COMMITTEE CHAIR PERSON

NAME OF THE REPRESENTATIVES	ROLL NO
B.Gunaseelan	16
T.Selvarani	32
Ms.G.Chandrapraba	

STAFF INCHARGE

7/2/22

H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING,
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.

HOD/CSE

swayam

NPTEL » Data Analytics with Python

Course Progress

k.Sowmiya

Date enrolled: 2022-01-01

Email: sowmiyak088@gmail.com

Name: K.Sowmiya

Assessment scores

Week 1 : Assignment1:   100.0
Week5 : Asignment 5:   80.0
Week6 : Assignment 6:   100.0
Week4 : Assignment 4:   90.0
Week3 - Assignment 3:   50.0
Week2 : Assignment 2:   90.0
Week7 : Assignment 7:   70.0
Week8 : Assignment 8:   70.0
Week9 : Assignment 9:   70.0
Week10 : Assignment 10:   70.0
Week11 : Assignment 11:   100.0
Week12 : Assignment 12:   -

---

swayam
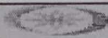
NPTEL » Data Analytics with Python

Course Progress

Keerthana

Date enrolled: 2022-01-01

Email: keerthana8@gmail.com

Name: Keerthana

Assessment scores

Week 1 : Assignment1:   100.0
Week5 : Asignment 5:   80.0
Week6 : Assignment 6:   100.0
Week4 : Assignment 4:   90.0
Week3 - Assignment 3:   50.0
Week2 : Assignment 2:   90.0
Week7 : Assignment 7:   70.0
Week8 : Assignment 8:   70.0
Week9 : Assignment 9:   70.0
Week10 : Assignment 10:   70.0
Week11 : Assignment 11:   100.0
Week12 : Assignment 12:   -

Abirami

Date enrolled: 2022-01-01
Email : Abirami25gmail.com
Name: Abirami

Assessment scores

Week 1 : Assignment1:   100.0
Week5 : Asignment 5:   80.0
Week6 : Assignment 6:   100.0
Week4 : Assignment 4:   90.0
Week3 : Assignment 3:   50.0
Week2 : Assignment 2:   90.0
Week7 : Assignment 7:   -
Week8 : Assignment 8:   70.0
Week9 : Assignment 9:   70.0
Week10 : Assignment 10:
Week11 : Assignment 11:   100.0
Week12 : Assignment 12:

Gayathri.k

Date enrolled: 2022-01-01
Email:gayathrik45gmail.com
Name: Gayathri.k

Assessment scores

Week 1 : Assignment1:   100.0
Week5 : Asignment 5:   80.0
Week6 : Assignment 6:   100.0
Week4 : Assignment 4:   90.0
Week3 : Assignment 3:   50.0
Week2 : Assignment 2:   90.0
Week7 : Assignment 7:   -
Week8 : Assignment 8:   70.0
Week9 : Assignment 9:   70.0
Week10 : Assignment 10:
Week11 : Assignment 11:   100.0
Week12 : Assignment 12:

Vidhyadharan

Date enrolled: 2022-01-01

Email: vidhyadharan@gmail.com

Name: Vidhyadharan

Assessment scores

Week 1 : Assignment1: 100.0
Week5 : Asignment 5: 80.0
Week6 : Assignment 6: 100.0
Week4 : Assignment 4: 90.0
Week3 - Assignment 3: 50.0
Week2 : Assignment 2: 90.0
Week7 : Assignment 7: 70.0
Week8 : Assignment 8: 70.0
Week9 : Assignment 9: 70.0
Week10 : Assignment 10: 70.0
Week11 : Assignment 11: 100.0
Week12 : Assignment 12:

Surya

Date enrolled: 2022-01-01

Email: surya23@gmail.com

Name: Surya

Assessment scores

Week 1 : Assignment1: 100.0
Week5 : Asignment 5: 80.0
Week6 : Assignment 6: 100.0
Week4 : Assignment 4: 90.0
Week3 - Assignment 3: 50.0
Week2 : Assignment 2: 90.0
Week7 : Assignment 7:
Week8 : Assignment 8: 70.0
Week9 : Assignment 9: 70.0
Week10 : Assignment 10: 70.0
Week11 : Assignment 11: 100.0
Week12 : Assignment 12:

Hariharan

Date enrolled: 2022-01-01

Email: hariharan56gmail.com

Name: Hariharan

Assessment scores

Week 1 : Assignment1: 100.0
Week5 : Assignment 5: 80.0
Week6 : Assignment 6: 100.0
Week4 : Assignment 4: 90.0
Week3 : Assignment 3: 50.0
Week2 : Assignment 2: 90.0
Week7 : Assignment 7:
Week8 : Assignment 8: 70.0
Week9 : Assignment 9: 70.0
Week10 : Assignment 10:
Week11 : Assignment 11: 100.0
Week12 : Assignment 12:

Rathna kumar

Date enrolled: 2022-01-01

Email: rathnakumar98gmail.com

Name: Rathna kumar

Assessment scores

Week 1 : Assignment1: 100.0
Week5 : Assignment 5: 80.0
Week6 : Assignment 6: 100.0
Week4 : Assignment 4: 90.0
Week3 : Assignment 3: 50.0
Week2 : Assignment 2: 90.0
Week7 : Assignment 7: 70.0
Week8 : Assignment 8: 70.0
Week9 : Assignment 9: 70.0
Week10 : Assignment 10:
Week11 : Assignment 11: 100.0
Week12 : Assignment 12:

Jemima esther grace

Date enrolled: 2022-01-01

Email: Jemima7602@gmail.com

Name: Jemima esther grace

Assessment scores

Week 1 : Assignment 1:   100.0

Week5 : Assignment 5:   80.0

Week6 : Assignment 6:   100.0

Week4 : Assignment 4:   90.0

Week3 - Assignment 3:   50.0

Week2 : Assignment 2:   90.0

Week7 : Assignment 7:   -

Week8 : Assignment 8:   70.0

Week9 : Assignment 9:   70.0

Week10 : Assignment 10:   70.0

Week11 : Assignment 11:   100.0

Week12 : Assignment 12:   -

R.Sarathkumar

Date enrolled: 2022-01-01

Email: sarathkumar02@gmail.com

Name: R.sarathkumar

Assessment scores

Week 1 : Assignment 1:   100.0

Week5 : Assignment 5:   80.0

Week6 : Assignment 6:   100.0

Week4 : Assignment 4:   90.0

Week3 - Assignment 3:   50.0

Week2 : Assignment 2:   90.0

Week7 : Assignment 7:   70.0

Week8 : Assignment 8:   70.0

Week9 : Assignment 9:   70.0

Week10 : Assignment 10:   70.0

Week11 : Assignment 11:   100.0

Week12 : Assignment 12:   -

S. ISHWARYA

Date enrolled: 2022-01-01

Email: ishus@gmail.com

Name: S. ISHWARYA

Assessment scores

Week 1 : Assignment1:   100.0

Week5 : Asignment 5:   80.0

Week6 : Assignment 6:   100.0

Week4 : Assignment 4:   90.0

Week3 : Assignment 3:   50.0

Week2 : Assignment 2:   90.0

Week7 : Assignment 7:   -

Week8 : Assignment 8:   70.0

Week9 : Assignment 9:   70.0

Week10 : Assignment 10:   -

Week11 : Assignment 11:   100.0

Week12 : Assignment 12:   -

Announcement

J. RAMYA

Date enrolled: 2022-01-01

Email: ramya@gmail.com

Name: J. RAMYA

Assessment scores

Week 1 : Assignment1   100.0

Week5 : Assignment 5:   80.0

Week6 : Assignment 6:   100.0

Week4 : Assignment 4:   90.0

Week3 - Assignment 3:   50.0

Week2 : Assignment 2:   90.0

Week7 : Assignment 7:   69

Week8 : Assignment 8:   70.0

Week9 : Assignment 9:   70.0

Week10 : Assignment 10:   -

Week11 : Assignment 11:   100.0

Week12 : Assignment 12:   -

Announcement

Priyadharshini

Date enrolled: 2022-01-01

Email: priyadharshini458@gmail.com

Name: Priyadharshini

Assessment scores

Week 1 : Assignment1: 100.0

Week5 : Assignment 5: 80.0

Week6 : Assignment 6: 100.0

Week4 : Assignment 4: 90.0

Week3 - Assignment 3: 50.0

Week2 : Assignment 2: 90.0

Week7 : Assignment 7: 70.0

Week8 : Assignment 8: 70.0

Week9 : Assignment 9: 70.0

Week10 : Assignment 10: 70.0

Week11 : Assignment 11: 100.0

Week12 : Assignment 12: -

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swayam

gayathri.k

Date enrolled: 2022-01-01

Email: gayu02@gmail.com

Name: gayathri k

Assessment scores

Week 1 : Assignment1: 100.0

Week5 : Assignment 5: 80.0

Week6 : Assignment 6: 100.0

Week4 : Assignment 4: 90.0

Week3 - Assignment 3: 50.0

Week2 : Assignment 2: 90.0

Week7 : Assignment 7: -

Week8 : Assignment 8: 70.0

Week9 : Assignment 9: 70.0

Week10 : Assignment 10: -

Week11 : Assignment 11: 100.0

Week12 : Assignment 12: -

Announcement

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021-22 / EVEN SEMESTER

SWAYAM COURSE –REPORT

S.No	Year/Sem	Course Registered	No of Students Enrolled	No of Students Completed	Certifications (if any)
1	II/III	Data Analytics With Python	65	65	2
2	II/III		49	49	2
3	III/V		42	42	-

Certification details:

S.No	Year/Sem	Course title	Name of the students	Percentage
1	II/IV	Data Analytics With Python	ASHWIN V	58%
2	II/IV		MOHAMMED SAMEER S	Elite Certification 61%
3	III/VI		FASILA AFREEN J	Elite Certification 69%
4	III/VI		DHARANI G	Elite Certification 62%

OUTCOME:

At the end of the course, the students will be able to

- Develop the skills required to tackle and solve complex real-world data science problems more sensibly and effectively.
- Understand and use python data science libraries as a tool for data analytics
- Create visualizations using python

26/05/22

COURSE INCHARGE

26/5/22

HOD/CSE

J. 26/5/2022

PRINCIPAL

H.O.D of Computer Science & Engineering
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai (Tk),
Pudukottai (Dt) - 613 303.

PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ASHWIN V

for successfully completing the course

Data Analytics with Python

with a consolidated score of **58** %

Online Assignments	22.19/25	Proctored Exam	36/75

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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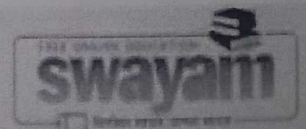
No:NPTEL22CS08S24450635

To validate and check scores: https://nptel.ac.in/noc

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

J FASILA AFREEN

for successfully completing the course

Data Analytics with Python

with a consolidated score of **69** %

Online Assignments	22.5/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

G DHARANI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	22.81/25	Proctored Exam	39/75

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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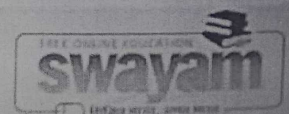
Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MOHAMMED SAMEER S

for successfully completing the course

Data Analytics with Python

with a consolidated score of **61** %

Online Assignments	23.13/25	Proctored Exam	37.5/75

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON PROGRAMS / CERTIFICATE COURSE DURING THE ACADEMIC YEAR

Academic Year 2021-22

S.No	COURSE TITLE	NO. OF HOURS HANDLED	NO. OF STUDENTS ATTENDED
1.	VAC- Real Time Electronics System Design	30hrs	39
2.	MHRD sponsored IIT Bombay certification course on "SCILAB"– II Yr	30 hrs	47
3.	MHRD sponsored IIT Bombay certification course on "INKSCAPE"– III Yr	30 hrs	42
4.	MHRD sponsored IIT Bombay certification course on "ARDUINO"– IV Yr	30 hrs	39
5.	SWAYAM course on "Microprocessor And Interfacing" - III Yr	12 Weeks	31
6.	My Credit Course on "Embedded System Design" IV Yr	12 Weeks	35
7.	MHRD sponsored IIT Bombay certification course on "GIMP"– II Yr	30 hrs	47
8.	MHRD sponsored IIT Bombay certification course on "LATEX"– III Yr	30 hrs	42
9.	MHRD sponsored IIT Bombay certification course on "eSIM"– IV Yr	30 hrs	39

Total No. of Add-on Courses organized : 09

No. of students Attended   : 361

FACULTY IN-CHARGE   HOD/ECE   PRINCIPAL

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022 (ODD SEM)

VALUE ADDED COURSE

SUBJECT CODE/NAME: IVA019-REAL TIME ELECTRONICS SYSTEM DESIGN

YEAR/SEMESTER: III/V

SYLLABUS

PREPARED BY

Mr. T. JEYASEELAN AP/ECE

SYLLABUS

IVA019	REAL TIME ELECTRONICS SYSTEM DESIGN	L T P C
		1 0 1 2

UNIT I   REAL TIME ELECTRONICS SYSTEM COMPONENTS   6

Introduction-Functional components of real time electronics system-Analog IO devices-Digital IO devices-Processor –Memory devices -communication modules.

UNIT II   CREATING APPLICATIONS WITH µVISION4 SOFTWARE TOOL   6

Development Tools- µVISION4 Integrated development tool-Debugger-Compiler-Simulator-Keil RTX RTOS kernel-Creating Embedded Programs-Building the project-Logic Analyzer-Programming Flash devices.

UNIT III   HARDWARE DESIGN AND DEVELOPMENT   6

ATmega328P microcontroller – memory Integration-Interfacing compact Flash and SD cards-IO device Integration- Interfacing display device, switch, Buzzer, Relay -Sensor Integration-Interfacing gas sensor, Ultrasonic sensor, Infrared sensor, Accelerometer, gyro meter and magnetometer.

UNIT IV   PROGRAMMING OF WIRELESS COMMUNICATION MODULES   6

Wireless Technology for control applications -Development and implementation of wireless communication using Zigbee, Bluetooth, LiFi, and Wi-Fi - Development and Implementation of wireless control using RF transceiver, GSM and GPS.

UNIT V   IMPLEMENTATION OF REAL TIME APPLICATIONS   6

Automatic Irrigation System -Real time air pollution monitoring system using GSM and GPS-LPG gas leakage and fire alert safety system-camera based anti theft security system-Remote wireless control of electrical and electronics home appliances/industrial machines- Smart watch for heart rate and BP monitoring.

TOTAL: 30 PERIODS

DEPT.VACC   HOD/ECE   PRINCIPAL

PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303,

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COURSE PLAN

Sub. Code : IVA019	**Branch / Year / Sem** : B.E ECE / III /V
Sub. Name : Real Time electronics system design	**Batch** : 2019-2023
Staff Name : Mr.T.Jeyaseelan	**Academic Year** : 2021 - 22 (ODD)

COURSE OBJECTIVE

- To make the students to apply fundamental concepts in Electronics systems for providing solutions for real-time system design.
- To provide practical experience to the students on interfacing of Input-Output devices, communication devices with the processor.
- To introduce the basic concepts in Hardware and software design.
- To practice the students in order to implement electronics system for the real time applications

TEXT BOOKS

T1. "Real-Time Systems Design Principles for Distributed Embedded Applications", Hermann Kopetz, Kluwer Academic Publishers.

T2. The 8051 Microcontroller Architecture, Programming and Applications",Kenneth J.Ayala, THOMSON Learning.

REFERENCE BOOKS

R1. " Embedded C", Michael J. Pont, Pearson Education.

R2. "Sensors and Transducers", Ian R.Sinclair, Third edition, Newnes.

R3. "8051 Micro controller An applications based Introducton" David Calcutt, Fred Cowan Hassan Parchizadeh, Elsevier.

R4. "C Programming for Embedded Systems", Kirk zurell, R&D books, CMP media, Inc, USA.

WEB RESOURCES

W1. https://nptel.ac.in/courses/Webcourse-contents/IIT%20Kharagpur/Embedded%20systems/Pdf/Lesson-3.pdf   **(Topic No. 01, 05, 06)**

W2. http://www.eng.auburn.edu/~nelson/courses/elec3040_3050/C%20programming%20for%20embedded%20system%20applications.pdf   **(Topic No. 09, 10, 11)**

W3. https://cs.wmich.edu/alfuqaha/spring15/cs6570/lectures/PHY-MAC-Bluetooth-ZigBee-rev2.pdf   **(Topic No. 19)**

W4. https://www.electronics-tutorials.ws/io/io_7.html   **(Topic No. 18)**

W5. https://www.engineersgarage.com/microcontroller/8051projects   **(Topic No. 20-30)**

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT I	**REAL TIME ELECTRONICS SYSTEM COMPONENTS**					**(6)**
1.	Introduction	T1 W1	1-8	PPT	1	1
2.	Functional components of real time electronics system	T1	30-35	PPT	1	2
3.	Analog IO modules	R2	87-115	PPT	1	3
4.	Digital IO modules	R2	37-40	PPT	2	5
5.	Processor, Memory devices	W1		PPT		
6.	communication modules	W1		PPT	1	6

LEARNING OUTCOME
At the end of unit, students will be able to
- Know the functional components of Real time electronic system.
- Understand the concept and architecture of real-time system.

UNIT II	**CREATING APPLICATIONS WITH µVISION4 SOFTWARE TOOL**					**(6)**
7.	Development Tools	R1	36-37	PPT	2	8
8.	µVISION4 Integrated development tool	R1	38-40	Practical		
9.	Debugger-Compiler-Simulator-Keil RTX RTOS kernel	R4, W2	60-63	Practical	1	9
10.	Creating Embedded Programs	R4, W2	64	Practical	1	10
11.	Building the project	R4 W2	63,66	Practical	1	11
12.	Logic Analyzer-Programming Flash devices.	R1	43-45	Practical	1	12

LEARNING OUTCOME
At the end of unit, students will be able to
- Know the basics of **µ**VISION4 Software Tool.   .
- Develop an embedded System for a typical electronic application.

UNIT III	**HARDWARE DESIGN AND DEVELOPMENT**					**(6)**
13.	ATmega328P microcontroller	T2	11-22	PPT	1	13
14.	Memory Integration-Interfacing compact Flash and SD cards	T2	22-28	Practical	1	14
15.	IO device Integration-Interfacing display device,switch,Buzzer,Relay	T2	163-166	Practical	1	15
16.	Sensor Integration-Interfacing gas sensor-gyro meter and magnetometer	R2	87-115	Practical	1	16

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
17.	Ultrasonic sensor, Infrared sensor and Accelerometer.	R2	116 - 155, 164-167	Practical	1	17
18.	Stepper motor and dc motor.	W4	-	Practical	1	18

LEARNING OUTCOME

At the end of unit, students should be able to
- Study the architectural features of AVR microcontroller.
- Know the interfacing of I/O devices and sensors with AVR microcontroller.

UNIT IV	PROGRAMMING OF WIRELESS COMMUNICATION MODULES					(6)
Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
19.	Wireless technology for industrial and control applications	W3	-	PPT	1	19
20.	Development and implementation of wireless communication using Zigbee	W5	-	Practical	1	20
21.	Bluetooth	W5	-	Practical	1	21
22.	LiFi, and Wi-Fi.	W5	-	Practical	1	22
23.	Development and Implementation of wireless control using using RF transceiver, GSM	W5	-	Practical	1	23
24.	GPS	W5	-	Practical	1	24

LEARNING OUTCOME

At the end of unit, students will be able to
- Interface wireless communication module for real-time system.
- Implement wireless communication application.

UNIT V	REAL TIME SYSTEM APPLICATION EXAMPLES					(6)
25.	Automatic Irrigation System on sensing soil moisture content	W5	-	Practical	1	25
26.	Real time air pollution monitoring system using GSM and GPS	W5	-	Practical	1	26
27.	LPG gas leakage and fire alert safety system	W5	-	Practical	1	27
28.	camera based anti theft security system	W5	-	Practical	1	28
29.	Remote wireless control of electrical and electronics home appliances/industrial machines	W5	-	Practical	1	29
30.	Smart watch for heart rate and BP monitoring	W5	-	Practical	1	30

LEARNING OUTCOME

At the end of unit, students will be able to
- Design Real-time Electronics systems.
- Implement Real-time Electronics applications.

COURSE OUTCOME
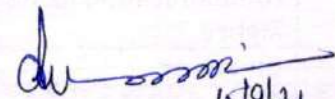
At the end of the course, the students will be able to
- Apply knowledge of basic Electronics for realizing real time electronics system
- Design applications based on sensors, IO devices, peripheral ICs and microcontroller.
- Formulate Hardware and software design of real-time system.
- Build real-time electronic applications.

INTERNAL ASSESSMENT DETAILS

ASST. NO.	I	II
Topic Nos.	1 - 15	16-30
Date		
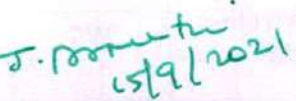
15/9/21

Prepared by

Mr.T.Jeyaseelan

15/9/21

Verified by

HOD/ECE

J. போன் து
15/9/2021.

Approved by

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Academic Year 2021-22 / ODD Semester

VALUE ADDED COURSE TIME TABLE

B.E –ECE (Regulation 2017)

Session	1	2		3	12.45 pm – 1.30 pm	4	5
Day	9.30 am – 10.30am	10.30 am – 11.30 am	11.30 am – 11.45 am	11.45 am – 12.45 pm		1.30 pm – 2.30 pm	2.30 pm – 3.30 pm
SAT	IVA019 (Theory Session)	IVA019 (Practical Session)	BREAK	IVA019 (Practical Session)	LUNCH BREAK		

SUB CODE	NAME OF THE SUBJECT	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
IVA019	Real Time Electronics System Design	2	Mr.T.Jeyaseelan	ECE	3

DEPT.VACC   HOD/ECE   PRINCIPAL

PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303,

A NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai

CERT
ISO 9001

A REPORT

ON

"SWAYAM/NPTEL ONLINE COURSES"
FOR THE ACADEMIC YEAR 2021-2022 EVEN SEMESTER.

FREE ONLINE EDUCATION
swayam

✴ NPTEL

MHRD

Organized by
Department of Electronics and Communication Engineering
KINGS COLLEGE OF ENGINEERING, PUNALKULAM
A NAAC Accredited Institution

Recognized under 2(f) & 12(B) of UGC

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

Phone : 04362-282474, 282395

Website : www.kingsindia.net

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022 (EVEN SEMESTER)

ABOUT THE SWAYAM / NPTEL ONLINE COURSE:

As per the Instruction given by our HOD, it was planned to conduct SWAYAM / NPTEL online course for **Final year ECE** students in 2021-2022 Even semester.

The Swayam / NPTEL online course list was taken from the SWAYAM portal, and it was circulated to the students. Then they were asked to prefer any one course with four, six or twelve week duration.

➤ All the **39** students have preferred the course named **"Embedded System Design"** with 12 weeks duration.

Course Start Date: **24ᵗʰ January 2022** and the Course End Date: **15ᵗʰ April 2022**.

1. COURSE NAME: EMBEDDED SYSTEM DESIGN

This course was handled by **Professor Anupam Basu** from Indian Institute of Technology (IIT) Kharagpur.

The course starting date was 24ᵗʰ January 2022.

The course ending date was 15ᵗʰ April 2022.

The duration of this course was 12 weeks.

Embedded Systems Design

By Prof. Anupam Basu | IIT Kharagpur

(Go to course)   Learners enrolled: 5127

The Course layout was scheduled as follows.

COURSE LAYOUT

Week 1: Introduction to Embedded System, ASICs and ASIPs
- ✓ Processor
- ✓ General Purpose and ASIPs Processor
- ✓ Designing a single Purpose Processor

Week 2: Designing Single Purpose Processors and Optimization
- ✓ Optimization Issues

Week 3: Introduction to FPGAs and Synthesis
- ✓ Introduction to FPGA
- ✓ Behavioral Synthesis on FPGA using VHDL

Week 4: Verilog Hardware Description Language (Verilog HDL)
- ✓ Sensors and Signals
- ✓ Discretization of signals and A/D converter
- ✓ Quantization Noise, SNR and D/A converter
- ✓ Arduino Uno

Week 5: Microcontrollers and Power Aware Embedded System Design
- ✓ Serial communication and Timer
- ✓ Controller Design using Arduino
- ✓ Power aware embedded system

Week 6: Real Time Operating System
- ✓ SD and DD Algorithm
- ✓ Parallel Operations and VLIW
- ✓ Code Efficiency

Week 7: Real Time Scheduling Algorithms
- ✓ DSP Application and Address Generation Unit
- ✓ Real time OS
- ✓ RMS Algorithm

Week 8: Modelling and Specification
- ✓ EDF Algorithm and Resource Constraint Issue
- ✓ Priority Inversion and Priority Inheritance Protocol
- ✓ Modelling and Specification

Week 9: Design Synthesis
- ✓ FSM and state chart
- ✓ Statechart and Statement semantics
- ✓ Statecharts
- ✓ Program State Machine

Week 10: Digital Camera Design and Hardware Software Partitioning
- ✓ SDL
- ✓ Data flow model
- ✓ Hardware Synthesis

Week 11: Design Optimization
- ✓ Scheduling
- ✓ Digital Camera Design
- ✓ Digital Iterative design

Week 12: Simulation and Verification
- ✓ HW-SW Partitioning
- ✓ Optimization
- ✓ Simulation
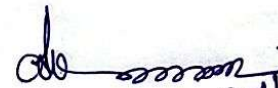
In this course, totally 12 assessments were given. These assessments scores were considered for the final exam.

OUTCOME:

➢ The students gained more knowledge on Embedded system design through this effective online course.

➢ Out of 39 students, 35 students have completed the course successfully.

➢ The course progress were attached below.

27/4/22

IQAC Member

27/4/22

HOD/ECE

27/4/2022

PRINCIPAL
Kings College of Engineering.
PUNALKULAM - 613 303.

EMBEDDED SYSTEM DESIGN - COURSE PROGRESS

Email: nivethac1808@gmail.com

Name: C. Nivetha

Email: santhiyasuresh165@gmail.com

Name: S. SANTHIYA

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **60.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **60.0**

Week 10 : Assignment 10:   -

Week 11 : Assignment 11:   -

Week 12 : Assignment 12: **70.0**

Assessment scores

Week 1 : Assignment 1:   -

Week 2 : Assignment 2:   -

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **70.0**

Week 9 : Assignment 9: **60.0**

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11:   -

Week 12 : Assignment 12:   -

SRIMATHI.C
Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7:   -

Week 8 : Assignment 8: **70.0**

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11: **40.0**

Week 12 : Assignment 12: **70.0**

Email: spriya21734@gmail.com

Name: S.Priyadharshini

Assessment scores

Week 1 : Assignment 1:   -

Week 2 : Assignment 2:   -

Week 3 : Assignment 3:   -

Week 4 : Assignment 4: **70.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11: **50.0**

Week 12 : Assignment 12: **80.0**

Name: D.SUSHMA

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7:   -

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11:   -

Week 12 : Assignment 12: **60.0**

ananthavalli02062001@gmail.com

Name: K. Ananthavalli

Assessment scores

Week 1 : Assignment 1:   -

Week 2 : Assignment 2:   -

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8:   -

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11:   -

Week 12 : Assignment 12:   -

Email: suriyaece2000@gmail.com

Name: R.Suriya

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **10.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5:   -

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **60.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9:   -

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11:   -

Week 12 : Assignment 12:   -

Embedded Systems Design - Course Prog…

Name: ANITHA J

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11: **50.0**

Week 12 : Assignment 12: **80.0**

Announcement:

KAWYA. A

Date enrolled: 2022-02-04

Email: kawya19102000@gmail.com

Name: KAWYA. A

Assessment scores

Week 1 : Assignment 1:   60.0

Week 2 : Assignment 2:   70.0

Week 3 : Assignment 3:   60.0

Week 4 : Assignment 4:   –

Week 5 : Assignment 5:   100.0

Week 6 : Assignment 6:   80.0

Week 7 : Assignment 7:   –

Week 8 : Assignment 8:   80.0

Week 9 : Assignment 9:   70.0

Week 10 : Assignment 10:   –

Week 11 : Assignment 11:   –

Week 12 : Assignment 12:   –

≡   **Course Progress**

V.Vishwabharathy

Date enrolled: 2022-02-04

Email: vishwabharathy2001@gmail.com

Name: V.Vishwabharathy

Assessment scores

Week 1 : Assignment 1:   -

Week 2 : Assignment 2:   -

Week 3 : Assignment 3:   -

Week 4 : Assignment 4:   -

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **60.0**

Week 10 : Assignment 10: **60.0**

Week 11 : Assignment 11: **50.0**

Week 12 : Assignment 12:   -

Email: aparnaasri2000@gmail.com

Name: APARNAA S

Assessment scores

Week 1 : Assignment 1: **50.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **70.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **60.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **60.0**

Week 12 : Assignment 12: **60.0**

Email: vinothamg25@gmail.com

Name: M.vinotha

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **70.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9:   -

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **70.0**

Week 12 : Assignment 12: **80.0**

NPTEL » Embedded Systems Design

☰   **Course Progress**

LATCHAYASRI. G

Date enrolled: 2022-02-07

Email: latchayasri2k@gmail.com

Name: LATCHAYASRI. G

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **70.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6:   -

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **90.0**

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11: **50.0**

Week 12 : Assignment 12: **70.0**

---

nivethathangasamy2000@gmail.com

Name: T.Nivetha

Assessment scores

Week 1 : Assignment 1:   -

Week 2 : Assignment 2:   -

Week 3 : Assignment 3: **50.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5:   -

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7:   -

Week 8 : Assignment 8:   -

Week 9 : Assignment 9:   -

Week 10 : Assignment 10:   -

Week 11 : Assignment 11:   -

Week 12 : Assignment 12:   -

Name: B.kiruthika

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **60.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **50.0**

Week 12 : Assignment 12: **80.0**

← 🔒 Embedded Systems Des... ⟨ ⋮
     onlinecourses.nptel.ac.in

K.Ramya

Date enrolled: 2022-02-05

Email: ramyakumar287@gmail.com

Name: K.Ramya

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **70.0**

Week 9 : Assignment 9: **80.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **50.0**

Week 12 : Assignment 12: **90.0**

Sarika Anbazhagan

Date enrolled: 2022-02-04

Email: sarikaanbu0205@gmail.com

Name: Sarika Anbazhagan

Assessment scores

Week 1 : Assignment 1: **50.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **80.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **40.0**

Week 12 : Assignment 12: -

M.AARTHI

Date enrolled: 2022-02-04

Email: aarthimurugesan12@gmail.com

Name: M.AARTHI

Assessment scores

Week 1 : Assignment 1: -

Week 2 : Assignment 2: -

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **70.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: -

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: -

Week 12 : Assignment 12: -

THIRUMURUGAN.S

Date enrolled: 2022-02-04

Email: thirumurugan9152@gmail.com

Name: THIRUMURUGAN.S

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **70.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **60.0**

Week 10 : Assignment 10: -

Week 11 : Assignment 11: -

Week 12 : Assignment 12: **60.0**

P.ABISHEIK

Date enrolled: 2022-02-05

Email: abisheik1544423@gmail.com

Name: P.ABISHEIK

Assessment scores

Week 1 : Assignment 1: -

Week 2 : Assignment 2: -

Week 3 : Assignment 3: -

Week 4 : Assignment 4: -

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **70.0**

Week 8 : Assignment 8: -

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: -

Week 11 : Assignment 11: -

Week 12 : Assignment 12: -

D Mounish Rajiah

Date enrolled: 2022-02-04

Email: mounishrajiah@gmail.com

Name: D Mounish Rajiah

Assessment scores

Week 1 : Assignment 1:   -

Week 2 : Assignment 2:   -

Week 3 : Assignment 3:   -

Week 4 : Assignment 4:   **70.0**

Week 5 : Assignment 5:   **100.0**

Week 6 : Assignment 6:   **80.0**

Week 7 : Assignment 7:   **80.0**

Week 8 : Assignment 8:   **80.0**

Week 9 : Assignment 9:   **80.0**

Week 10 : Assignment 10:   **70.0**

Week 11 : Assignment 11:   **40.0**

Week 12 : Assignment 12:   -

M.keerthika

Date enrolled: 2022-02-04

Email: keerthikamathi1810@gmail.com

Name: M.keerthika

Assessment scores

Week 1 : Assignment 1:   **60.0**

Week 2 : Assignment 2:   **70.0**

Week 3 : Assignment 3:   **60.0**

Week 4 : Assignment 4:   **60.0**

Week 5 : Assignment 5:   **100.0**

Week 6 : Assignment 6:   **80.0**

Week 7 : Assignment 7:   -

Week 8 : Assignment 8:   **80.0**

Week 9 : Assignment 9:   **70.0**

Week 10 : Assignment 10:   **70.0**

Week 11 : Assignment 11:   **30.0**

Week 12 : Assignment 12:   **60.0**

ANURAJ R

Date enrolled: 2022-02-04

Email: anurajrajangam@gmail.com

Name: ANURAJ R

Assessment scores

Week 1 : Assignment 1:   **60.0**

Week 2 : Assignment 2:   **70.0**

Week 3 : Assignment 3:   **60.0**

Week 4 : Assignment 4:   **60.0**

Week 5 : Assignment 5:   **100.0**

Week 6 : Assignment 6:   **80.0**

Week 7 : Assignment 7:   -

Week 8 : Assignment 8:   **70.0**

Week 9 : Assignment 9:   -

Week 10 : Assignment 10:   **60.0**

Week 11 : Assignment 11:   -

Week 12 : Assignment 12:   -

B.Ganesh

Date enrolled: 2022-02-04

Email: shiyamganesh167@gmail.com

Name: B.Ganesh

Assessment scores

Week 1 : Assignment 1:   **60.0**

Week 2 : Assignment 2:   **70.0**

Week 3 : Assignment 3:   **60.0**

Week 4 : Assignment 4:   **60.0**

Week 5 : Assignment 5:   **100.0**

Week 6 : Assignment 6:   -

Week 7 : Assignment 7:   **70.0**

Week 8 : Assignment 8:   **80.0**

Week 9 : Assignment 9:   **70.0**

Week 10 : Assignment 10:   **80.0**

Week 11 : Assignment 11:   -

Week 12 : Assignment 12:   -

Email: shobigaprabaharan@gmail.com

Name: Shobiga P
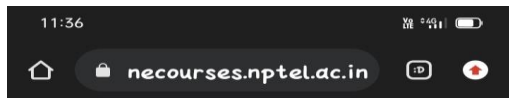
G vinothini

Date enrolled: 2022-02-04

**Email:
vinothinigovindharaj33@gmail.com**

Name: G vinothini

Assessment scores

Week 1 : Assignment 1: 40.0

Week 2 : Assignment 2: 30.0

Week 3 : Assignment 3: 10.0

Week 4 : Assignment 4: 60.0

Week 5 : Assignment 5: 100.0

Week 6 : Assignment 6: 80.0

Week 7 : Assignment 7: 80.0

Week 8 : Assignment 8: 80.0

Week 9 : Assignment 9: 60.0

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **70.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: -

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: -

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **40.0**

Week 12 : Assignment 12: -

T.sheela

Date enrolled: 2022-02-05

Email: sheelat278@gmail.com

Name: T.sheela

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4:   -

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7:   -

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **70.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **50.0**

Week 12 : Assignment 12: **70.0**

P.v.vaishnavi

Date enrolled: 2022-02-04

Email: pv.vaisu1525@gmail.com

Name: P.v.vaishnavi

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **80.0**

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11: **60.0**

Week 12 : Assignment 12:   -

Email: anizaniz007@gmail.com

Name: RK Aniz

Name: G.PRABHU

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **70.0**

Week 8 : Assignment 8:   -

Week 9 : Assignment 9: **60.0**

Week 10 : Assignment 10: **80.0**

Week 11 : Assignment 11: **30.0**

Week 12 : Assignment 12: **60.0**

Announcement:
You are currently receiving course related

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **80.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: **40.0**

Week 12 : Assignment 12: **60.0**

Email: selvarajdurga813@gmail.com

Name: DURGA DEVI.S

Assessment scores

Week 1 : Assignment 1:   -

Week 2 : Assignment 2:   -

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5:   -

Week 6 : Assignment 6:   -

Week 7 : Assignment 7:   -

Week 8 : Assignment 8:   -

Week 9 : Assignment 9:   -

Week 10 : Assignment 10:   -

Week 11 : Assignment 11:   -

Week 12 : Assignment 12:   -

Date enrolled: 2022-02-05

Email: ashaarivu023@gmail.com

Name: A.Aasha

Assessment scores

Week 1 : Assignment 1: 60.0

Week 2 : Assignment 2: 70.0

Week 3 : Assignment 3: 60.0

Week 4 : Assignment 4: 60.0

Week 5 : Assignment 5:   -

Week 6 : Assignment 6: 80.0

Week 7 : Assignment 7: 60.0

Week 8 : Assignment 8: 70.0

Week 9 : Assignment 9: 60.0

Week 10 : Assignment 10: 60.0

M.Dhivya kalki

Date enrolled: 2022-02-05

Email: kalkimurugaiyankalkimurugaiyan@gmail.com

Name: M.Dhivya kalki

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: -

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **80.0**

Week 10 : Assignment 10: -

Week 11 : Assignment 11: -

Week 12 : Assignment 12: -

Ananath.ELA

Date enrolled: 2022-02-04

Email: ananthelamaran@gmail.com

Name: Ananath.ELA

Assessment scores

Week 1 : Assignment 1: **60.0**

Week 2 : Assignment 2: **70.0**

Week 3 : Assignment 3: **60.0**

Week 4 : Assignment 4: **60.0**

Week 5 : Assignment 5: **100.0**

Week 6 : Assignment 6: **80.0**

Week 7 : Assignment 7: **80.0**

Week 8 : Assignment 8: **80.0**

Week 9 : Assignment 9: **30.0**

Week 10 : Assignment 10: **70.0**

Week 11 : Assignment 11: -

Week 12 : Assignment 12: **50.0**

A NAAC Accredited Institution

KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai

CERT
ISO 9001

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2021-2022 (EVEN SEMESTER)

ABOUT THE SWAYAM / NPTEL ONLINE COURSE:

As per the Instruction given by our HOD, it was planned to conduct SWAYAM / NPTEL online course for **Third year ECE** students in 2021-2022 Even semester.

The Swayam / NPTEL online course list was taken from the SWAYAM portal, and it was circulated to the students. Then they were asked to prefer any one course with four, six or twelve week duration.

➤ All the **39** students have preferred the course named "**Microprocessor and Interfacing**" with 12 weeks duration.

Course Start Date: **24th January 2022** and the Course End Date: **15th April 2022**.

1. COURSE NAME: MICROPROCESSOR AND INTERFACING

This course was handled by **Professor Shaik Rafi Ahamed** from Indian Institute of Technology (IIT) Guwahati.

The course starting date was 24th January 2022.

The course ending date was 15th April 2022.

The duration of this course was 12 weeks.

Microprocessors and Interfacing
By Prof. Shaik Rafi Ahamed | IIT Guwahati

Go to course   Learners enrolled: 2676

Microprocessors and Interfacing [Introduction Video]

NPTEL

NPTEL ONLINE CERTIFICATION COURSE

The Course layout was scheduled as follows.

COURSE LAYOUT

Week 1: 8086 Architecture
- ✓ Microprocessor Operations
- ✓ 8086 Flags
- ✓ Functional **Diagram of 8086**

Week 2: 8086 Pins and Signals
- ✓ 8086 Common and Minimum Mode Signals
- ✓ 8086 Maximum Mode Signals
- ✓ 8086 Data Transfer Instructions

Week 3: 8086 Instruction Set I
- ✓ 8086 Arithmetic Instructions
- ✓ 8086 Logical Instructions

Week 4: 8086 Instruction Set II
- ✓ 8086 Branch and String Instructions
- ✓ 8086 Interrupt and machine control instructions
- ✓ 8086 Sum of products, multi- byte addition

Week 5: 8086 Programming I
- ✓ Largest numbers, 2's complement programs
- ✓ Programs on subroutines
- ✓ ROM, RAM

Week 6: Memory Interfacing and Programmable peripheral Interface
- ✓ Architecture, Interfacing to simple I/O

Week 7& 8: I/O Interfacing Examples
- ✓ Keyboard Interface
- ✓ 7-segment Display Interface
- ✓ Multiplexed 7-segment Display Interface
- ✓ Stepper motor, Liquid level control
- ✓ Traffic light control, A/D converter
- ✓ D/A converter

Week 9: I/O Interfacing and Timer
- ✓ Electronic Weighing Machine
- ✓ Programmable Interval Timer (8254)
- ✓ Modes of 8254

Week 10: Programmable Interrupt Controller (8259)

- ✓ Architecture of 8259
- ✓ Initialization command words of 8259
- ✓ Operational command words of 8259

Week 11: Programmable DMA Controller (8237), Serial I/O

- ✓ 8237 Architecture, interfacing and programming
- ✓ Basic concepts of serial I/O

Week 12: Programmable Communication Interface (8251)

- ✓ Architecture of 8251
- ✓ Control and status word formats of 8251
- ✓ 8251 Interfacing Example

In this course, nearly 12 assessments were given. These assessments scores were considered for the final exam.

CRITERIA TO GET A CERTIFICATE

Average assignment score = 25% of average of best 8 assignments out of the total 12 assignments given in the course.

Exam score = 75% of the proctored certification exam score out of 100
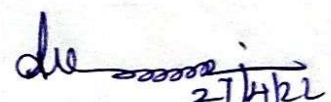
Final score = Average assignment score + Exam score
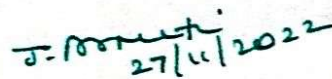
you will be eligible for a certificate only if average assignment score >=10/25 and exam score >= 30/75. if one of the 2 criteria is not met, you will not get the certificate even if the final score >= 40/100.

Outcome:

- ✓ After the completion of this course, the students have the basic knowledge about the 8086 microprocessor architecture, instruction set and I/O interfacing.
- ✓ They can able to do simple programs on microprocessor and microcontroller.
- ✓ All the 39 students have successfully completed the course.
- ✓ Progress of each student was attached.

27/4/22
IQAC Member

27/4/22
HOD/ECE

27/4/2022
PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303.

MICROPROCESSOR AND INTERFACING COURSE PROGRESS

Date enrolled: 2022-02-04

Email: mahibaby1310@gmail.com

Name: V.Maheswari

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **90.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

Name	P.kabishena
Email	kabishena1@gmail.com
Date Enrolled	2022-02-04

Your Assessment scores

Week 1: Assignment 1	100
Week 2: Assignment 2	80
Week 3: Assignment 3	100
Week 4: Assignment 4	100
Week 5: Assignment 5	100
Week-6: Assignment-6	62
Week 7 : Assignment-7	88
Week 8: Assignment 8	75
Week 9 : Assignment-9	100
Week-10: Assignment-10	100
Week 11: Assignment 11	100
Week 12 : Assignment 12	100

K. Renuka.

Date enrolled: 2022-02-05

Email: renukaece275@gmail.com

Name: K. Renuka.

Assessment scores

Week 1: Assignment 1: **88.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **-**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **-**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

U. Nithitha

Date enrolled: 2022-02-07

Email: nithithanithi@gmail.com

Name: U. Nithitha

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **88.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **50.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **75.0**

L. Ganga

Date enrolled: 2022-02-04

Email: gangapapukuty2002@gmail.com

Name: L. Ganga

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **88.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

G.vaishnavi

Date enrolled: 2022-02-04

Email: vvaishnavi589@gmail.com

Name: G.vaishnavi

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **-**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

R. Soundharya

Date enrolled: 2022-02-04

Email: soundaryaece2019@gmail.com

Name: R. Soundharya

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **88.0**

Week 5: Assignment 5: **88.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

Name	Dharshini.C
Email	dharshinicece02@gmail.com
Date Enrolled	2022-02-04

Your Assessment scores

Week 1: Assignment 1	100
Week 2: Assignment 2	80
Week 3: Assignment 3	100
Week 4: Assignment 4	100
Week 5: Assignment 5	100
Week-6: Assignment-6	100
Week 7 : Assignment-7	88
Week 8: Assignment 8	75
Week 9 : Assignment-9	100
Week-10: Assignment-10	100
Week 11: Assignment 11	100
Week 12 : Assignment 12	100

Name	S.kirubadharshini
Email	kirubasekar433@gmail.com
Date Enrolled	2022-02-05

Your Assessment scores

Week 1: Assignment 1	100
Week 2: Assignment 2	80
Week 3: Assignment 3	100
Week 4: Assignment 4	100
Week 5: Assignment 5	100
Week-6: Assignment-6	100
Week 7 : Assignment-7	75
Week 8: Assignment 8	75
Week 9 : Assignment-9	100
Week-10: Assignment-10	100
Week 11: Assignment 11	100
Week 12 : Assignment 12	88

B. Shathana

Date enrolled: 2022-02-05

Email: sathana160102@gmail.com

Name: B. Shathana

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **88.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

K.saraswathi

Date enrolled: 2022-02-05

Email: kdsaras005@gmail.com

Name: K.saraswathi

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: -

Week 7 : Assignment-7: -

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **88.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **75.0**

Name	SM.Swethaa
Email	swethaa1492001@gmail.com
Date Enrolled	2022-02-04

Your Assessment scores

Week 1: Assignment 1	100
Week 2: Assignment 2	80
Week 3: Assignment 3	100
Week 4: Assignment 4	100
Week 5: Assignment 5	100
Week-6: Assignment-6	100
Week 7 : Assignment-7	--
Week 8: Assignment 8	75
Week 9 : Assignment-9	100
Week-10: Assignment-10	100
Week 11: Assignment 11	100
Week 12 : Assignment 12	100

Student 1

Name	Madhumitha
Email	madhumithagovintharasu@gmail.com
Date Enrolled	2022-02-05

Your Assessment scores

Week 1: Assignment 1	100
Week 2: Assignment 2	80
Week 3: Assignment 3	90
Week 4: Assignment 4	100
Week 5: Assignment 5	100
Week-6: Assignment-6	100
Week 7 : Assignment-7	88
Week 8: Assignment 8	75
Week 9 : Assignment-9	--
Week-10: Assignment-10	100
Week 11: Assignment 11	--
Week 12 : Assignment 12	100

S. RAMANA BHARATHI

Date enrolled: 2022-02-04

Email: ramanabharathi1511@gmail.com

Name: S. RAMANA BHARATHI

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: –

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: –

Week 8: Assignment 8: –

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: –

Student 3

Name	SATHYA G
Email	chuttiponnusathya@gmail.com
Date Enrolled	2022-02-05

Your Assessment scores

Week 1: Assignment 1	100
Week 2: Assignment 2	80
Week 3: Assignment 3	100
Week 4: Assignment 4	100
Week 5: Assignment 5	100
Week-6: Assignment-6	100
Week 7 : Assignment-7	88
Week 8: Assignment 8	75
Week 9 : Assignment-9	100
Week-10: Assignment-10	100
Week 11: Assignment 11	100
Week 12 : Assignment 12	100

PAVITHRA.P

Name: PAVITHRA.P

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: –

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: –

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: –

Week 12 : Assignment 12: –

K.priyanka

Date enrolled: 2022-02-04

Email: vanipriya835@gmail.com

Name: K.priyanka

Assessment scores

Week 1: Assignment 1: 88.0

Week 2: Assignment 2: 80.0

Week 3: Assignment 3: 100.0

Week 4: Assignment 4: 100.0

Week 5: Assignment 5: 100.0

Week-6: Assignment-6: 100.0

Week 7 : Assignment-7: -

Week 8: Assignment 8: 75.0

Week 9 : Assignment-9: 100.0

Week-10: Assignment-10: 100.0

Week 11: Assignment 11: -

Week 12 : Assignment 12: 88.0

S.Nivethitha

Date enrolled: 2022-02-04

Email: nivethithas02@gmail.com

Name: S.Nivethitha

Assessment scores

Week 1: Assignment 1: **88.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

Email: gayathriviga2065@gmail.com

Name: K.Gayathri

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

Email:
ishwaryaishwarya952@gmail.com

Name: K.Ishwarya

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: **100.0**

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **88.0**

Name	Suriya		Name	R.Ganga
Email	suriyacsuriyac7@gmail.com		Email	gangaganga6079@gmail.com
Date Enrolled	2022-02-05		Date Enrolled	2022-02-05

Your Assessment scores

			Your Assessment scores	
Week 1: Assignment 1	100		Week 1: Assignment 1	100
Week 2: Assignment 2	80		Week 2: Assignment 2	80
Week 3: Assignment 3	100		Week 3: Assignment 3	100
Week 4: Assignment 4	88		Week 4: Assignment 4	--
Week 5: Assignment 5	100		Week 5: Assignment 5	100
Week-6: Assignment-6	--		Week-6: Assignment-6	--
Week 7 : Assignment-7	--		Week 7 : Assignment-7	88
Week 8: Assignment 8	--		Week 8: Assignment 8	75
Week 9 : Assignment-9	100		Week 9 : Assignment-9	--
Week-10: Assignment-10	--		Week-10: Assignment-10	100
Week 11: Assignment 11	--		Week 11: Assignment 11	100
Week 12 : Assignment 12	--		Week 12 : Assignment 12	100

NPTEL » Microprocessors and Interfacing

≡   Course Progres

Mathivanan

Date enrolled: 2022-02-05

Email: 63850mathi@gmail.com

Name: Mathivanan

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: -

Week 4: Assignment 4: -

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: -

Week 7 : Assignment-7: -

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

susidev436@gmail.com

NPTEL » Microprocessors and Interfacing

≡   Course Progress

Susikumar.T

Date enrolled: 2022-02-05

Email: susidev406@gmail.com

Name: Susikumar.T

Assessment scores

Week 1: Assignment 1: 100.0

Week 2: Assignment 2: 80.0

Week 3: Assignment 3: 100.0

Week 4: Assignment 4: 100.0

Week 5: Assignment 5: 88.0

Week-6: Assignment-6: 100.0

Week 7 : Assignment-7: 80.0

Week 8: Assignment 8: 75.0

Week 9 : Assignment-9: 100.0

Week-10: Assignment-10: --

Date enrolled: 2022-02-04

Email: jothikar462002@gmail.com

Name: R.Jothika

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **100.0**

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: -

Week 7 : Assignment-7: **88.0**

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

NPTEL » Microprocessors and Interfacing

Course Progress

Jayakumar.A

Date enrolled: 2022-02-04

Email: jerryjayakumar2000@gmail.com

Name: Jayakumar.A

Assessment scores

Week 1: Assignment 1: 100.0

Week 2: Assignment 2: 80.0

Week 3: Assignment 3: 90.0

Week 4: Assignment 4: -

Week 5: Assignment 5: 100.0

Week-6: Assignment-6: -

Week 7 : Assignment-7: -

Week 8: Assignment 8: 75.0

Week 9 : Assignment-9: 100.0

Week-10: Assignment-10: 100.0

Week 11: Assignment 11: 100.0

Week 12 : Assignment 12: 100.0

Name	P. Logeshwaran
Email	waranlogesh 928@gmail.com
Date Enrolled	2022 02 04

Your Assessment scores

Week 1: Assignment 1	75
Week 2: Assignment 2	80
Week 3: Assignment 3	100
Week 4: Assignment 4	100
Week 5: Assignment 5	100
Week-6: Assignment-6	--
Week 7 : Assignment-7	88
Week 8: Assignment 8	75
Week 9 : Assignment-9	--
Week-10: Assignment-10	88
Week 11: Assignment 11	100
Week 12 : Assignment 12	100

---

swayam

NPTEL » Microprocessors and Interfacing

Course Progress

Mathivanan

Date enrolled: 2022-02-05

Email: 63850mathi@gmail.com

Name: Mathivanan

Assessment scores

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **80.0**

Week 3: Assignment 3: -

Week 4: Assignment 4: -

Week 5: Assignment 5: **100.0**

Week-6: Assignment-6: -

Week 7 : Assignment-7: -

Week 8: Assignment 8: **75.0**

Week 9 : Assignment-9: **100.0**

Week-10: Assignment-10: **100.0**

Week 11: Assignment 11: **100.0**

Week 12 : Assignment 12: **100.0**

Course Progress

J.Blesson Manuel

Date enrolled: 2022-02-05

Email: gladsonmanuel24@gmail.com

Name: J.Blesson Manuel

Assessment scores

Week 1: Assignment 1: 100.0

Week 2: Assignment 2: 80.0

Week 3: Assignment 3: 100.0

Week 4: Assignment 4: 100.0

Week 5: Assignment 5: 100.0

Week 6: Assignment 6: 100.0

Week 7 : Assignment 7: 88.0

Week 8: Assignment 8: 75.0

Week 9 : Assignment 9: 100.0

Week 10: Assignment 10: 100.0

Week 11: Assignment 11: 100.0

Week 12 : Assignment 12: 88.0

Course outline

How does an NPTEL online course work?

Week 0 : Prerequisite

Week 1 : 8086 Architecture

Week 2 : 8086 Pins and Signals

Week 3 : 8086 Instruction Set I

Week 4 : 8086 Instruction Set II

Week 5 : Programming I

Week 6 : Memory Interfacing and Programmable Peripheral Interface

Week 7 : I/O Interfacing

Week 8 : I/O Interfacing contd.

Week 9 : I/O Interfacing and Timer

Week 10: Programmable Interrupt Controller (8259)

Abimaneu

Date enrolled: 2022-02-04

Email: yashabi74@gmail.com

Name: Abimaneu

Assessment scores

Week 1: Assignment 1: 88.0

Week 2: Assignment 2: 80.0

Week 3: Assignment 3: 100.0

Week 4: Assignment 4: 100.0

Week 5: Assignment 5: 100.0

Week-6: Assignment-6: 100.0

Week 7 : Assignment-7: 88.0

Week 8: Assignment 8: 75.0

Week 9 : Assignment-9: 100.0

Week-10: Assignment-10: 100.0

Week 11: Assignment 11: 88.0

Week 12 : Assignment 12: 100.0

Course Progress

A.Prakash

Date enrolled: 2022-02-04

Email: prakashanbuvelan002@gmail.com

Name: A.Prakash

Assessment scores

Week 1: Assignment 1: 100.0

Week 2: Assignment 2: 80.0

Week 3: Assignment 3: 100.0

Week 4: Assignment 4: 100.0

Week 5: Assignment 5: 100.0

Week-6: Assignment-6: 100.0

Week 7 : Assignment-7: 88.0

Week 8: Assignment 8: 75.0

Week 9 : Assignment-9: 100.0

Week-10: Assignment-10: 100.0

Week 11: Assignment 11: 100.0

Week 12 : Assignment 12: 100.0

A NAAC Accredited Institution

KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
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ISO 9001

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON PROGRAMS/ CERTIFICATE COURSE DURING THE ACADEMIC YEAR

Academic Year 2021-22

Syllabus, Course Plan, Time table, Evaluation, Certificate, Outcome

S. No.	COURSE TITLE
1.	EVAO02-VAC- Advances In Solar Energy Technologies
2.	MHRD sponsored IIT Bombay certification course on Spoken Tutorial on eSim
3.	MHRD sponsored IIT Bombay certification course on Spoken Tutorial on GIMP
4.	MHRD sponsored IIT Bombay certification course on Inkscape
5.	MHRD sponsored IIT Bombay certification course on Inkscape
6.	MHRD sponsored IIT Bombay certification course on LaTex
7.	Swayam course on " Fundamentals of Electronic Device Fabrication"

16/05/22
FACULTY IN-CHARGE

16/05/22
HOD/EEE
A.ALBERT MARTIN RUBAN, M.E., Ph.D.,
Head of the Department
Department of Electrical and Electronics Engineering,
Kings College of Engineering,
Punalkulam,
Pudukkottai - 613 303.

16/5/2022.
PRINCIPAL
PRINCIPAL
Kings College of Engineering
PUNALKULAM - 613 303.

SYLLABUS

EVA002	ADVANCES IN SOLAR ENERGY TECHNOLOGIES	
		L T P C
		2 0 0 2

UNIT I   ADVANCES IN SOLAR PV MATERIALS   6

Semiconductor Materials and Modelling - Crystalline silicon solar cells - Thin film technologies - Space and concentrator cells - Organic and dye sensitized cells - Evaluating a Site for Solar PV Potential.

UNIT II   MPPT CRITERIA FOR PV SYSTEMS   6

Testing, Monitoring and Calibration - Photovoltaic System Components - Maximum Power Point Tracking Algorithms - Different MPPT techniques - Implementation of MPPT using a boost converter.

UNIT III   STAND ALONE PV SYSTEM   6

Solar modules – storage systems – power conditioning and regulation - MPPT- protection – Stand-alone PV systems design – sizing.

UNIT IV   GRID CONNECTED PV SYSTEMS   6

PV systems in buildings – design issues for central power stations – safety – Economic aspect – Efficiency and performance - International PV programs.

UNIT V   MODELLING AND SIMULATION OF PV SYSTEMS USING MATLAB   6

Introduction to Systems - Systems Modeling - Formulation of State Space Model of Systems - Model Order Reduction - Interpretive Structural Modeling - System Dynamics Techniques – Simulation.

TOTAL: 30 PERIODS

Mr.J.Arokiaraj
Faculty in-charge

HOD/ EEE

Principal

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE PLAN

Sub. Code : EVA002	**Branch / Year / Sem** : B.E EEE / III /V
Sub. Name : Advances In Solar Energy Technologies	**Batch** : 2019-2023
Staff Name : Mr.J.Arokiaraj	**Academic Year** : 2021 - 22 (ODD)

COURSE OBJECTIVE

1. To get an overview of different types of photovoltaic semiconductor devices and their characteristics.
2. To analyze the operation and performance parameters MPPT criteria for PV systems.
3. To study the operation techniques and basics topologies standalone operation of PV system.
4. To learn the different techniques of grid connected PV system.
5. To study the modelling and simulation of PV systems using MATLAB.

TEXT BOOKS

T1. Solar Cells: Materials, Manufacture and Operation, Tom Markvart University of Southampton, UK and Luis Castafier Universidad Politecnica de Catalunya, Barcelona, Spain, First edition 2005 Reprinted 2005, 2006, Elsevier Ltd.

T2. Study of maximum power point tracking (MPPT) techniques in a solar photovoltaic array, Arjav Harjai, Abhishek Bhardwaj, Mrutyunjaya Sandhibigraha, nit, Rourkela.

T3. Solanki C.S., "Solar Photovoltaics: Fundamentals, Technologies And Applications", PHI Learning Pvt. Ltd.,2015.

T4. Modeling and Simulation of Systems Using MATLAB and Simulink, Devendra K. Chaturvedi, CRC Press, 2010 by Taylor and Francis Group, LLC.

REFERENCE BOOKS

R1. "Power Electronics for Renewable Energy Systems". C.R.Bala Murugan, D.Periyaazhagar, N.Suresh, Sruthi Publishers, Jan – 2017.

R2. "Solar Photovoltaic Technology and systems", Chetan Singh Solanki, PHI Publications. 2017.

WEB RESOURCES

W1. http://www.energy.wsu.edu/Documents/SolarPVforBuildersOct2009.pdf   **(Topic No. 06)**

W2. https://pdfs.semanticscholar.org/1db7/435215cb2d9895bc29e0358a9b23300988f5.pdf

(Topic No. 12)

W3.https://www.sciencedirect.com/science/article/pii/S0960148105002831 **(Topic No. 22)**

W4. http://www.os.ucg.ac.me//MS_kn.pdf   **(Topic No. 27)**

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT I	**ADVANCES IN SOLAR PV MATERIALS**					**(6)**
1.	Semiconductor Materials and Modelling	T1	30-52	BB	1	1
2.	Crystalline silicon solar cells.	T1	72-86	BB	1	2
3.	Thin film technologies.	T1	218-337	PPT	1	3
4.	Space and concentrator cells.	T1	354-388 393-442	BB	2	5
5.	Organic and dye sensitized cells.					
6.	Evaluating a Site for Solar PV Potential.	W1	-	PPT	1	6

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe the basic materials of PV cells.
- Understand the concepts of PV Power Generation semiconductor devices.

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT II	**TESTING, CALIBRATION AND MPPT CRITERIA FOR PV SYSTEMS**					**(6)**
7.	Testing.	T1	452-497	PPT	2	8
8.	Monitoring and Calibration.					
9.	Photovoltaic System Components.	T2	17-25	BB	1	9
10.	Maximum Power Point Tracking Algorithms.	T2	25 -29	BB	2	11
11.	Different MPPT techniques.					
12.	Implementation of MPPT using a boost converter.	W2	-	BB	1	12

LEARNING OUTCOME

At the end of unit, students should be able to
- Study and analyze the Solar Photovoltaic System Components.
- To develop the different maximum power point tracking algorithms.
- To implement the various techniques of MPPT.

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT III	**STAND ALONE PV SYSTEM**					**(6)**
13.	Solar modules.	T3	352-370	PPT	1	13
14.	Storage systems.	R2	120-142	BB	1	14
15.	Power conditioning and regulation.	R1	3.28-3.47	BB	1	15
16.	Protection.	R1	3.13-3.14	BB	1	16
17.	Stand-alone PV systems design.	T3	420-423	Sem	1	17
18.	Sizing.	T3	437-440	BB	1	18

LEARNING OUTCOME

At the end of unit, students should be able to
- Study and analyze the Solar Modules and Storage systems.
- Getting detailed operating for Standalone PV systems and Sizing.

UNIT IV	GRID CONNECTED PV SYSTEMS					(6)
Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
19.	PV systems in buildings.	T1	446-450	BB	1	19
20.	Design issues for central power stations.	R1	4.28-4.36	BB	1	20
21.	Safety.	T1	299-300	BB	1	21
22.	Economic aspect.	W3	-	PPT	1	22
23.	Efficiency and performance.	T1	173-177	BB	1	23
24.	International PV programs.	R1	5.31-5.32	BB	1	24

LEARNING OUTCOME

At the end of unit, students should be able to
- Study the Design issues for central power stations.
- Understand the Economic aspect, Efficiency and performance.

UNIT V	MODELLING AND SIMULATION OF PV SYSTEMS USING MATLAB					(6)
25.	Introduction to Systems.	T4	1-98	BB	1	25
26.	Systems Modeling.					
27.	Formulation of State Space Model of Systems.	W4	-	PPT	1	26
28.	Model Order Reduction.	T4	219-263	BB	1	27
29.	Interpretive Structural Modeling.	T4	300-325	BB	1	28
30.	System Dynamics Techniques	T4	327-344	BB	1	29
31.	Simulation.	T4	401-420	PPT	1	30

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the Impact of Simulation.
- Analyze of the techniques used for simulation tools.

COURSE OUTCOME

At the end of the course, the students will be able to
- Use different materials used for photovoltaic cells manufacturing.
- Understand the principles and operation techniques used for MMPT.
- Analyze and design standalone operation of PV power generation.
- Describe the various grid connecting techniques for PV system.
- Understand the simulation tools used for photovoltaic power generation.

INTERNAL ASSESSMENT DETAILS

ASST. NO.	I	II
Topic Nos.	1 - 14	15-31
Date		

Prepared by

Mr.J.Arokiaraj

Verified by

HOD/EEE

Approved by

Principal

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

TIME TABLE for VALUE ADDED COURSES

III EEE   **Class Strength : 9**

Session	1	2	11.30a.m - 11.45a.m	3	12.45p.m - 1.30p.m	4	5
Day	9.30 a.m - 10.30 a.m	10.30 a.m - 11.30 a.m		11.45 a.m - 12.45 p.m		1.30 p.m - 2.30 p.m	2.30p.m - 3.30p.m
SAT	EVA002	EVA002	BREAK	EVA002	LUNCH BREAK	-	-

SUB. CODE	NAME OF THE SUBJECT	NAME OF THE STAFF	DEPT.	PERIODS/WEEK
EVA002	Advances in solar energy technologies	Mr. J. Arokiaraj	EEE	3

DEPT. VACC   **HEAD OF THE DEPARTMENT**   **PRINCIPAL**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Acadamic year 2021-22 Odd Sem
<u>VALUE ADDED COURSE DETAILS</u>

SUBJECT: EVA002 - ADVANCES IN SOLAR ENERGY TECHNOLOGIES
SEMESTER - V / III - Year EEE

COURSE CREDIT DETAIL

L	T	P	C
2	0	0	2

STUDENTS DETAILS

Roll No.	Register Number	Name of the Students
1.	821119105001	S.BHARANITHARAN
2.	821119105002	M.E.KRISHNA
3.	821119105003	P.PANDIDEVI
4.	821119105004	R.PURUSOTHAMAN
5.	821119105005	V.RAGUL
6.	821119105006	R.REGINA
7.	821119105008	B.YUGESHWARAN
8.	821119105301	A.SARATHKUMAR
9.	821119105501	K.VETRIVEL

COMMITTEE MEMBERS

COURSE IN CHARGES	Mr. J. AROKIARAJ	AP/EEE
SENIOR FACULTY MEMBER	Mr. R. SUNDARAMOORTHI	AP/EEE
HEAD OF THE DEPARTMENT	Dr. A. ALBERT MARTIN RUBAN	Asso. Prof/EEE
PRINCIPAL	Dr. J. ARPUTHA VIJAYA SELVI	Professor

17/9/21

Head of the Department

17/9/2021

Principal

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
TIME TABLE (AUGUST–NOVEMBER2021, ODD SEM)
B.E – EEE (Regulation 2017)-With Effect from04.12.2021

Batch: 2018-2022

Year: IV   Semester: VII   Class Room: 134   Block: I

Session / Day	1 9.30 a.m - 10.30 a.m	2 10.30 a.m - 11.30 a.m	11.30a.m - 11.45a.m	3 11.45 a.m - 12.45 p.m	12.45p.m- 1.30p.m	4 1.30 p.m - 2.30 p.m	5 2.30p.m - 4.00p.m
MON	EE8701	EE8702	BREAK	EE8701	LUNCH BREAK	T&P(S.S)	T&P(S.S)
TUE	EE8703	EE8010		T&P(APT)		EE8701	GE8071
WED	OCS752	EE8702		EE8703		GE8071	OCS752
THU	GE8071	OCS752		T&P(APT)		EE8701	EE8711
FRI	EE8010	GE8071		EE8703		OCS752	EE8712
SAT	NPTEL	GATE		EE8703		EE8010	EE8702

SUB. CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
	TUTORIAL (T), OPEN ELECTIVE (OE), PROFESSIONAL ELECTIVE (PE)					
EE8701	High Voltage Engineering	PC	3	Ms.C.Senthamilarasi	EEE	4
EE8702	Power System Operation and Control	PC	3	Dr.P.Narasimman	EEE	3
EE8703	Renewable Energy Systems	PC	3	Dr.A.Albert Martin Ruban	EEE	4
OCS752	Introduction to C Programming	OE	3	Mrs.R.SuganthaLakshmi	CSE	4
GE8071	Disaster Management	PE	3	Mr.B.Sureshbabu	T&P	4
EE8010	Power Systems Transients	PE	3	Mrs.P.Thirumagal	EEE	3
EE8711	Power system stimulation	PC	2	Dr.P.Narasimman	EEE	1
EE8712	Renewable Energy system	PC	2	Mr.J.Arokiaraj	EEE	1
	VAI					
VAI(S.S)	T&P(Softskill)			Dr.K.Sudhakar	T&P	2
VAI(APT)	T&P(Aptitute)			Ms.P.Suganya	T&P	2
SWAYAM/NPTEL/GATE				Dr.P.Narasimman	EEE	2

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES	ROLL NO.
Mrs.P.Thirumagal	Ms.N.Premalatha	15
CLASS COMMITTEE CHAIR PERSON	Mr.R.Sundaramoorthi	

C. Senthamilarasi
DEPT. TTC

HoD 4/10/21

04/10/2021
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-22

EVALUATION SHEET

Year/Sem: IV/VII   Batch: 2018-2022

Name of the course: Swayam course on "Fundamentals of Electronic Device Fabrication"

Roll No	Register No	Name of the Student	Assignment Score				
			0	1	2	3	4
1.	821118105001	ABIRAMI U	95	100	80	100	90
2.	821118105002	AKESH SATHIYA A	100	90	100	70	100
3.	821118105003	BAVANA K	70	100	80	100	100
4.	821118105005	CHANDRAKUMAR S	100	100	90	100	85
5.	821118105006	CHANDRAPRIYA S	100	80	100	100	95
6.	821118105009	JAGADESHWARAN S	100	70	100	90	100
7.	821118105010	JAYAPRAKASH R	100	95	100	75	100
8.	821118105011	KARTHIKEYAN K	100	75	90	95	100
9.	821118105013	KAVIYA M	100	100	70	100	90
10.	821118105015	MOHAMEDHALITH S	100	70	95	90	100
11.	821118105017	PRIYADHARSHINI S	100	95	100	80	100
12.	821118105019	SANTHOSH G (11.10.2001)	100	100	75	100	90
13.	821118105020	SANTHOSH G (15.09.2001)	100	100	90	100	85
14.	821118105023	VASANTH K	90	100	80	100	100
15.	821118105301	PREMALATHA.N	95	80	85	100	100

Faculty In-Charge

HOD / EEE

Dr.A.ALBERT MARTIN RUBAN, M.E.,Ph.D.,
Head of the Department
Department of Electrical and Electronics Engineering
Kings College of Engineering

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
TIME TABLE (AUGUST–NOVEMBER 2021, ODD SEM)
B.E – EEE (Regulation 2017)-With Effect from 04.10 .2021

Batch: 2019-2023

Year: III   Semester: V   Class Room: 133   Block: I

Session	1	2		3		4	5
Day	9.30 a.m - 10.30 a.m	10.30 a.m - 11.30 a.m	11.30a.m - 11.45a.m	11.45 a.m - 12.45 p.m	12.45p.m- 1.30p.m	1.30 p.m - 2.30 p.m	2.30p.m - 4.00p.m
MON	EE8551	EE8591	BREAK	EE8501	LUNCH BREAK	EE8552	T&P(APT)
TUE	EE8552	CS8392		EE8551		EE8591	HS8581
WED	EE8591	EE8552		OMD551		EE8501	EE8551
THU	CS8392	OMD551		EE8501		CS8383	EE8511
FRI	CS8392	EE8501		EE8591		OMD551	EE8552
SAT	NPTEL	GATE		T&P(S)		EE8591	OMD551

SUB. CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
				TUTORIAL (T), OPENELECTIVE (OE)		
EE8501	Power System Analysis	PC	3	Dr.R.Arulraj	EEE	5
EE8551	Microprocessors and Microcontrollers	PC	3	Dr.M.Meenalochani	EEE	3
EE8552	Power Electronics	PC	3	Mr.S.R.Karthikeyan	EEE	4
EE8591	Digital Signal Processing	PC	3(T)	Mr.S.Sivakumar	ECE	5
CS8392	Object Oriented Programming	ES	3	Mr.M.Arun	CSE	3
OMD551	Basics of Biomedical Instrumentation	OE	3	Mr.R.Sundaramoorthi	EEE	4
EE8511	Control & Instrumentation laboratory	PC	2	Mr.R.Sundaramoorthi	EEE	1
CS8383	OOPS laboratory	ES	2	Mr.M.Arun	CSE	1
HS8581	Professional Communication	EEC	2	Mr.Radhakrishnan	English	1
				VAI		
VAI(S.S)	T&P(Softskill)			Dr.K.Sudhakar	T&P	1
VAI(APT)	T&P(Aptitute)			Ms.P.Suganya	T&P	1
SWAYAM/NPTEL/GATE				Dr.P.Narasimman	EEE	2

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES	ROLL NO.
Mr.S.R.Karthikeyan	Ms.N.Regina	5
CLASS COMMITTEE CHAIR PERSON	Dr.P.Narasimman	

C. Senthamilarasi
DEPT. TTC

HoD
4/10/21

J. Mooui
04/10/2021
PRINCIPAL

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-22

EVALUATION SHEET

Year/Sem: III/V   Batch: 2019-2023

Name of the course: Swayam course on "Fundamentals of Electronic Device Fabrication"

Roll No	Register No	Name of the Student	Assignment Score				
			0	1	2	3	4
1.	821119105001	BHARANITHARAN.S	70	90	100	100	85
2.	821119105002	KRISHNA M. E	90	85	95	100	100
3.	821119105003	PANDIDEVI.P	100	80	90	100	75
4.	821119105004	PURUSOTHAMAN.R	80	100	85	95	90
5.	821119105005	RAGUL.V	85	100	75	100	95
6.	821119105006	REGINA.R	90	100	95	100	90
7.	821119105008	YUGESHWARAN.B	95	90	100	85	100
8.	821119105301	SARATHKUMAR.A	80	100	75	100	95
9.	821119105501	VETRIVEL.K	75	100	75	90	100

Faculty In-Charge   HOD / EEE

Dr.A.ALBERT MARTIN RUBAN, M.E.,Ph.D.
Head of the Department
Department of Electrical and Electronics Engineering
Kings College of Engineering
Punalkulam,
Pudukkottai - 613 303

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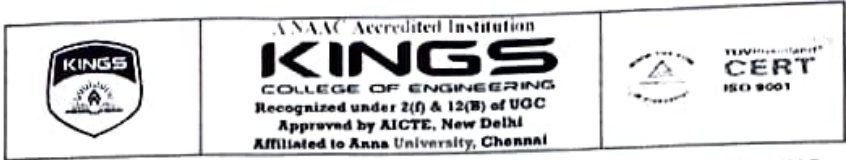
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
TIME TABLE (AUGUST–NOVEMBER2021, ODDSEM)
B.E – EEE (Regulation 2017)-With Effect from 04.10.2021

Batch:2020-2024

Year: II   Semester: III   Class Room: 132   Block: I

Session	1	2		3		4	5
Day	9.30 a.m - 10.30 a.m	10.30a.m - 11.30a.m	11.30a.m - 11.45a.m	11.45a.m - 12.45p.m	12.45p.m- 1.30p.m	1.30p.m - 2.30p.m	2.30p.m- 4.00p.m
MON	EE8351	EC8353	BREAK	EE8391	LUNCH BREAK	MA8353	EE8301
TUE	MA8353	EE8351		EC8353		ME8792	T&P(APT)
WED	EE8391	EE8351		ME8792		MA8353	(EE8311/ EC8311)
THU	EE8391	EE8301		MA8353		EC8353	ME8792
FRI	EE8301	ME8792		EE8351		(EE8311/ EC8311)	EC8353
SAT	NPTEL	GATE		MA8353		T&P(S.S)	EE8351

SUB. CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
TUTORIAL (T), ELECTIVE (E)						
MA8353	Transforms and PartialDifferential Equations	BS	4	Mrs.T.Gnanajeya	MATHS	5
EE8351	Digital Logic Circuits	PC	3(T)	Mrs.D.Vennila	ECE	5
EE8391	Electromagnetic Theory	PC	3(T)	Mrs.P.Thirumagal	EEE	3
EE8301	Electrical Machines - I	PC	3(T)	Ms.C.Senthamilarasi	EEE	3
EC8353	Electron Devices and Circuits	PC	3	Mr.R.Thandayuthapani	ECE	4
ME8792	Power Plant Engineering	PC	3	Mr.J.Arokiaraj	EEE	4
EC8311	Electronics laboratory	ES	2	Mrs.P.Thirumagal	EEE	1
EE8311	Electrical Machines-I laboratory	PC	2	Mr.S.R.Karthikeyan/ Ms.C.Senthamilarasi	EEE	1
VAI						
VAI(S.S)	T&P(Softskill)			Dr.K.Sudhakar	T&P	1
VAI(APT)	T&P(Aptitute)			Ms.P.Suganya	T&P	1
SWAYAM/NPTEL/GATE				Dr.P.Narasimman	EEE	2

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVE	ROLL NO.
Mr.J.Arokiaraj	D.Akilan	4
CLASS COMMITTEE CHAIR PERSON	Dr.M.Meenalochani	

C. Senthamilarasi
DEPT. TTC

HoD 4/10/21

04/10/2021
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-22

EVALUATION SHEET

Year/Sem: II/III   Batch: 2020-2024

Name of the course: Swayam course on "Fundamentals of Electronic Device Fabrication"

Roll No	Register No	Name of the Student	Assignment Score				
			0	1	2	3	4
1.	821120105001	ABINAYASREE J	90	95	100	85	100
2.	821120105002	ABISHEK S	90	100	75	100	95
3.	821120105003	AKASH M	100	90	95	100	80
4.	821120105004	AKILAN D	100	95	85	100	80
5.	821120105005	ARAVINDH A	100	85	100	95	75
6.	821120105006	DHANASREE R	85	100	95	100	80
7.	821120105007	ELANANGAI G	100	75	100	90	70
8.	821120105008	GUSHENRA PRASATH P	75	80	90	100	90
9.	821120105009	JANANI S	100	90	75	90	95
10.	821120105010	JENISH A	100	90	85	95	90
11.	821120105011	KANIMOZHI R	90	100	95	85	100
12.	821120105012	MANOJ M	95	80	100	80	100
13.	821120105013	MANOJ R	80	100	80	95	100
14.	821120105014	MUKESH K	100	80	100	90	95
15.	821120105015	MUKESH M	95	90	85	100	100
16.	821120105016	MUKESH V	85	75	100	100	95
17.	821120105017	PRABATH C L	80	85	75	90	95
18.	821120105018	PRIYADHARSHINI P	70	80	90	95	100
19.	821120105019	PRIYADHARSHINI S	75	90	85	100	100
20.	821120105020	RADHAKRISHNAN R	90	80	95	100	75

29/01/22

Dr.A ALBERT MARTIN RUBAN M.E Ph.D
Head of the Department
Department of Electrical and Electronics Engineering
Kings College of Engineering

21.	821120105021	RAMACHANDRAN P	75	85	90	100	95
22.	821120105022	ROHITH R	75	100	80	85	100
23.	821120105023	SALMAN HUSSAIN Z	85	100	90	100	85
24.	821120105024	SATHISH S	80	100	85	100	90
25.	821120105025	SEMILI K	95	100	75	100	100
26.	821120105026	SIVARANJANI D	100	100	95	85	90
27.	821120105027	SNEHA P	100	90	75	100	100
28.	821120105028	SOWMIYA K	100	90	85	95	100
29.	821120105029	SOWMIYA L	90	95	75	100	100
30.	821120105030	SUDHARSAN S	85	75	100	90	95
31.	821120105031	VIJAYARAGAVAN R	100	85	90	100	95
32.	821120105032	VIJI J	100	75	85	100	85
33.	821120105033	VIKASH M	85	100	90	80	100
34.	821120105035	VISALAN M	75	100	80	85	100
35.	821120105036	VISHWA D	85	100	85	100	95
36.	821120105037	YOGARAJ P	100	90	100	95	75
37.	821120105303	MANI BHARATHI S	75	100	80	95	100
38.	821120105307	VELMURUGAN K	85	100	80	75	100
39.	821120105302	KABILAN A	95	80	100	80	85
40.	821120105301	AJITHKUMAR R	80	100	95	100	90
41.	821120105304	PRAVEEN KUMAR C	80	95	85	90	100
42.	821120105305	RAGHUL KRISHNAN	100	95	75	90	100
43.	821120105306	SIVAMURUGAN.G	75	100	80	100	95

P. N_____ 28/1/22

Faculty In-Charge

A M_____ 28/01/22

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021 – 2022
ASSIGNMENT SAMPLES
Name of the Course: Fundamentals of Electronic Device Fabrication

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NPTEL » Fundamentals of electronic device fabrication — Announcements — About the C

Course outline

How does an NPTEL online course work?

Week 0

Week 1: Device fabrication overview

Week 2: Fab operations

Week 3: Fab operations (continued)

Week 4: IC formation

VIDEO DOWNLOAD

Text Transcripts

MANOJ R

Date enrolled: 2021-06-04

Email: manojr210103@gmail.com

Name: MANOJ. R

Assessment scores

Assignment 0: **80.0**

Week 1: Practice Assignment 1: **100.0**

Week 1: Assignment 1: **80.0**

Week 2: Assignment 2: **100.0**

Week 3: Assignment 3: **95.0**

Week 4: Assignment 4: **100.0**

NPTEL » Fundamentals of electronic device fabrication — Announcements — About the C

Course outline

How does an NPTEL online course work?

Week 0

Week 1: Device fabrication overview

Week 2: Fab operations

Week 3: Fab operations (continued)

Week 4: IC formation

VIDEO DOWNLOAD

Text Transcripts

ARAVINDH A

Date enrolled: 2021-06-04

Email: aravindhbe2002@gmail.com

Name: ARAVINDH A

Assessment scores

Assignment 0: **100.0**

Week 1: Practice Assignment 1: **100.0**

Week 1: Assignment 1: **85.0**

Week 2: Assignment 2: **100.0**

Week 3: Assignment 3: **95.0**

Week 4: Assignment 4: **75.0**

NPTEL » Fundamentals of electronic device fabrication — Announcements — About the C

Course outline

How does an NPTEL online course work?

Week 0

Week 1: Device fabrication overview

Week 2: Fab operations

Week 3: Fab operations (continued)

Week 4: IC formation

VIDEO DOWNLOAD

Text Transcripts

PANDIDEVI P

Date enrolled: 2021-06-04

Email: devisri07kalam@gmail.com

Name: Pandidevi. P

Assessment scores

Assignment 0: **100.0**

Week 1: Practice Assignment 1: **100.0**

Week 1: Assignment 1: **80.0**

Week 2: Assignment 2: **90.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **75.0**

NPTEL » Fundamentals of electronic device fabrication — Announcements — About the C

Course outline

How does an NPTEL online course work?

Week 0

Week 1: Device fabrication overview

Week 2: Fab operations

Week 3: Fab operations (continued)

Week 4: IC formation

VIDEO DOWNLOAD

Text Transcripts

RAGUL V

Date enrolled: 2021-06-04

Email: ragulveeraa@gmail.com

Name: Ragul. V

Assessment scores

Assignment 0: **85.0**

Week 1: Practice Assignment 1: **100.0**

Week 1: Assignment 1: **100.0**

Week 2: Assignment 2: **75.0**

Week 3: Assignment 3: **100.0**

Week 4: Assignment 4: **95.0**

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
REPORT ON SWAYAM COURSE
Fundamentals of Electronic Device Fabrication

BENEFICIARIES: IV/III/II YEARS

COURSE OUTCOME

- To introduce students about the overview of semiconductor device fabrication.
- After successfully completing this short course, students will have an idea about fabrication operation, fabrication processes, IC logic and packaging.
- They will know about process evaluation, etching and growth in fabrication.
- They will know how to design a class room and process yielding.

YEAR/SEM: II/III   **BATCH: 2020-24**   **Class Strength: 43**

S. No.	Register No.	Student Name	Swayam Course	Status	Course Completed
1.	821120105001	ABINAYASREE J	Registered	Assignment Completed	Completed
2.	821120105002	ABISHEK S	Registered	Assignment Completed	Completed
3.	821120105003	AKASH M	Registered	Assignment Completed	Completed
4.	821120105004	AKILAN D	Registered	Assignment Completed	Completed
5.	821120105005	ARAVINDH A	Registered	Assignment Completed	Completed
6.	821120105006	DHANASREE R	Registered	Assignment Completed	Completed
7.	821120105007	ELANANGAI G	Registered	Assignment Completed	Completed
8.	821120105008	GUSHENRA PRASATH P	Registered	Assignment Completed	Completed
9.	821120105009	JANANI S	Registered	Assignment Completed	Completed
10.	821120105010	JENISH A	Registered	Assignment Completed	Completed
11.	821120105011	KANIMOZHI R	Registered	Assignment Completed	Completed
12.	821120105012	MANOJ M	Registered	Assignment Completed	Completed
13.	821120105013	MANOJ R	Registered	Assignment Completed	Completed
14.	821120105014	MUKESH K	Registered	Assignment Completed	Completed
15.	821120105015	MUKESH M	Registered	Assignment Completed	Completed
16.	821120105016	MUKESH V	Registered	Assignment Completed	Completed
17.	821120105017	PRABATH C L	Registered	Assignment Completed	Completed
18.	821120105018	PRIYADHARSHINI P	Registered	Assignment Completed	Completed

Head of the Department
Department of Electrical and Electronics Engineering
Kings College of Engineering,
Punalkulam,
Pudukkottai - 613 303.

29/01/22

19.	821120105019	PRIYADHARSHINI S	Registered	Assignment Completed	Completed
20.	821120105020	RADHAKRISHNAN R	Registered	Assignment Completed	Completed
21.	821120105021	RAMACHANDRAN P	Registered	Assignment Completed	Completed
22.	821120105022	ROHITH R	Registered	Assignment Completed	Completed
23.	821120105023	SALMAN HUSSAIN Z	Registered	Assignment Completed	Completed
24.	821120105024	SATHISH S	Registered	Assignment Completed	Completed
25.	821120105025	SEMILI K	Registered	Assignment Completed	Completed
26.	821120105026	SIVARANJANI D	Registered	Assignment Completed	Completed
27.	821120105027	SNEHA P	Registered	Assignment Completed	Completed
28.	821120105028	SOWMIYA K	Registered	Assignment Completed	Completed
29.	821120105029	SOWMIYA L	Registered	Assignment Completed	Completed
30.	821120105030	SUDHARSAN S	Registered	Assignment Completed	Completed
31.	821120105031	VIJAYARAGAVAN R	Registered	Assignment Completed	Completed
32.	821120105032	VIJI J	Registered	Assignment Completed	Completed
33.	821120105033	VIKASH M	Registered	Assignment Completed	Completed
34.	821120105035	VISALAN M	Registered	Assignment Completed	Completed
35.	821120105036	VISHWA D	Registered	Assignment Completed	Completed
36.	821120105037	YOGARAJ P	Registered	Assignment Completed	Completed
37.	821120105303	MANI BHARATHI S	Registered	Assignment Completed	Completed
38.	821120105307	VELMURUGAN K	Registered	Assignment Completed	Completed
39.	821120105302	KABILAN A	Registered	Assignment Completed	Completed
40.	821120105301	AJITHKUMAR R	Registered	Assignment Completed	Completed
41.	821120105304	PRAVEEN KUMAR C	Registered	Assignment Completed	Completed
42.	821120105305	RAGHUL KRISHNAN	Registered	Assignment Completed	Completed
43.	821120105306	SIVAMURUGAN.G	Registered	Assignment Completed	Completed

YEAR SEM: III/ V   **BATCH: 2019-23**   **Class Strength: 09**

S. No.	Register No.	Student Name	Swayam Course	Status	Course Completed
1.	821119105001	BHARANITHARAN.S	Registered	Assignment Completed	Completed
2.	821119105002	KRISHNA M.E	Registered	Assignment Completed	Completed

S. No.	Register No.	Student Name	Swayam Course	Status	Course Completed
3.	821119105003	PANDIDEVI.P	Registered	Assignment Completed	Completed
4.	821119105004	PURUSOTHAMAN.R	Registered	Assignment Completed	Completed
5.	821119105005	RAGUL.V	Registered	Assignment Completed	Completed
6.	821119105006	REGINA.R	Registered	Assignment Completed	Completed
7.	821119105008	YUGESHWARAN.B	Registered	Assignment Completed	Completed
8.	821119105301	SARATHKUMAR.A	Registered	Assignment Completed	Completed
9.	821119105501	VETRIVEL.K	Registered	Assignment Completed	Completed

YEAR SEM: IV/VII　　　　**BATCH: 2018-22**　　　　**Class Strength: 15**

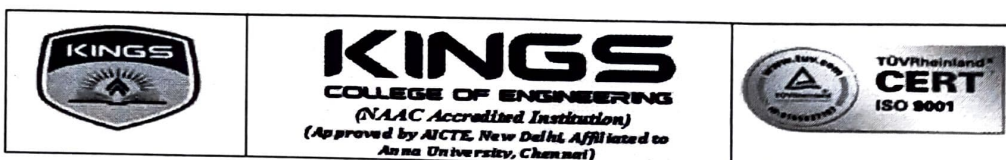| S. No.	Register No.	Student Name	Swayam Course	Status	Course Completed
1.	821118105001	ABIRAMI U	Registered	Assignment Completed	Completed
2.	821118105002	AKESH SATHIYA A	Registered	Assignment Completed	Completed
3.	821118105003	BAVANA K	Registered	Assignment Completed	Completed
4.	821118105005	CHANDRAKUMAR S	Registered	Assignment Completed	Completed
5.	821118105006	CHANDRAPRIYA S	Registered	Assignment Completed	Completed
6.	821118105009	JAGADESHWARAN S	Registered	Assignment Completed	Completed
7.	821118105010	JAYAPRAKASH R	Registered	Assignment Completed	Completed
8.	821118105011	KARTHIKEYAN K	Registered	Assignment Completed	Completed
9.	821118105013	KAVIYA M	Registered	Assignment Completed	Completed
10.	821118105015	MOHAMEDHALITH S	Registered	Assignment Completed	Completed
11.	821118105017	PRIYADHARSHINI S	Registered	Assignment Completed	Completed
12.	821118105019	SANTHOSH G (11.10.2001)	Registered	Assignment Completed	Completed
13.	821118105020	SANTHOSH G (15.09.2001)	Registered	Assignment Completed	Completed
14.	821118105023	VASANTH K	Registered	Assignment Completed	Completed
15.	821118105301	PREMALATHA.N	Registered	Assignment Completed	Completed

29/01/22

HOD/EEE

Dr.A.ALBERT MARTIN RUBAN,M.E,Ph.D
Head of the Department
Department of Electrical and Electronics Engineering
Kings College of Engineering,
Punalkulam,
Pudukkottai - 613 303

Department of Mechanical Engineering

KINGS
COLLEGE OF ENGINEERING
Recognised under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi.
Affiliated to Anna University, Chennai.
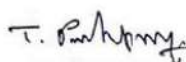
DEPARTMENT OF MECHANICAL ENGINEERING

ADD ON PROGRAMS / CERTIFICATION COURSE DURING THE YEAR
ACADEMIC YEAR 2021-22

S.No	Name of the Program	Duration	Beneficiaries
	2021-22 (ODD)		
1.	Value Added Course on "Energy Resources and Management"	30 Hours	46
2.	GATE/Competitive Exam Coaching	30 Hours	46
3.	MHRD sponsored IIT Bombay certification course on "LaTEX Technical Writing"– IV Yr	30 Hours	50
4.	MHRD sponsored IIT Bombay certification course on "OPEN FOAM"– III Yr	30 Hours	35
5.	MHRD sponsored IIT Bombay certification course on "SCI LAB"– II Yr	30 Hours	60
	2021-22 (EVEN)		
6.	GATE/Competitive Exam Coaching	30 Hours	46
7.	MHRD sponsored IIT Bombay certification course on "Blender"– IV Yr	30 Hours	50
8.	MHRD sponsored IIT Bombay certification course on "Blender"– III Yr	30 Hours	35
9.	MHRD sponsored IIT Bombay certification course on "GIMP"– II Yr	30 Hours	60

HOD/MECH
Dr. T. PUSHPARAJ, M.E.,Ph.D.,
Prof. & Head-Mechanical Engineering,
Kings College of Engineering,
Punalkulam-613 303.

KINGS
COLLEGE OF ENGINEERING

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

Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL /VAC/133/19-20   22.06.2019
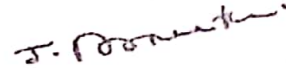
To
The Director
Center for Academic Courses
Anna University, Chennai

Respected Sir,

Sub: Requisition for approving the Value Added Course on Energy Resources and Management for the batch of 2017 – 2021 -reg

As per the AU Regulation 2017, the Mechanical department of our college has planned to conduct the Value Added Course with 2 credits on the topic of **Energy Resources and Management** for the batch 2017 -2021 having the strength of 70 students. Herewith the syllabus and course plan are enclosed. We request you to kindly approve organizing the course and its syllabus. With your consent, we will organize the course during the current academic session 2019 - 2020 Odd Semesters)

Thanking You

Yours faithfully
Dr. J. Arputha Vijaya Selvi,
B.E., M.E., Ph.D.
PRINCIPAL
Kings College of Engineering
Punalkulam - 613 303

Encl:

   i)   Syllabus
   ii)   Course Plan
   iii)   Time Table
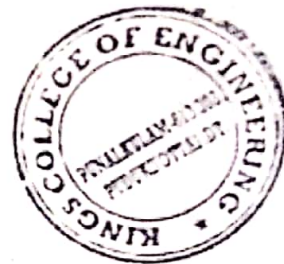
Copy to
The Controller of Examinations, Anna University, Chennai – 600 025.

CERT   Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303, Ph: 04362-282474, 282395, 282396. Fax: 04362-282494

MAV 010   **ENERGY RESOURCES AND MANAGEMENT**   **L T P C**
                                                                                2 0 0 2

UNIT I FOSSIL FUEL ENERGY   6

Coal, Oil, Natural gas, Nuclear power and Hydro - environmental impact of fossil fuels – Energy scenario in India – Growth of energy sector and its planning in India.

UNIT II SOLAR & WIND ENERGY- ALTERNATE SOURCE   6

Solar thermal applications - heating, cooling, desalination, drying, cooking, etc. – solar thermal electric power plant - types of solar cells - Photovoltaic applications - Nature of the wind – factors influencing wind – wind data and energy estimation - wind resource assessment systems.

UNIT III BIO-ENERGY   6

Biomass resources and their classification - Biomass conversion processes - direct combustion – biomass gasification - pyrolysis and liquefaction - biochemical conversion - anaerobic digestion - types of biogas Plant - applications - Urban waste to energy conversion.

UNIT IV OTHER TYPES OF ENERGY   6

Ocean energy resources - ocean thermal power plant - ocean wave energy conversion - small hydro - geothermal energy - geothermal power plant - Fuel cell – principle of working - various types - construction and applications.

UNIT V ENERGY CONVERSION & MANAGEMENT   6

Photovoltaic conversion of solar energy - Thermo chemical conversion - ocean thermal energy conversion (OTEC) - tidal energy conversion – Industrial management.

TOTAL: 30 PERIODS

SIGNATURE OF STAFF INCHARGE   **HOD/MECH**

DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course

MVA010 ENERGY RESOURCES

AND

MANAGEMENT

YEAR/SEMESTER: III/V

PREPARED BY

M.Melwin J Sridhar / AP, Mech

MVA010	ENERGY RESOURCES AND MANAGEMENT	L T P C
		2 0 0 2

UNIT I FOSSIL FUEL ENERGY 6

Coal, Oil, Natural gas, Nuclear power and Hydro - environmental impact of fossil fuels – Energy scenario in India – Growth of energy sector and its planning in India.

UNIT II SOLAR & WIND ENERGY- ALTERNATE SOURCE 6

Solar thermal applications - heating, cooling, desalination, drying, cooking, etc – solar thermal electric power plant - types of solar cells - Photovoltaic applications - Nature of the wind – factors influencing wind – wind data and energy estimation - wind resource assessment systems.

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UNIT IV OTHER TYPES OF ENERGY 6

Ocean energy resources - ocean thermal power plant - ocean wave energy conversion - small hydro - geothermal energy - geothermal power plant - Fuel cell – principle of working - various types - construction and applications.

UNIT V ENERGY CONVERSION & MANAGEMENT 6

Photovoltaic conversion of solar energy - Thermo chemical conversion - ocean thermal energy conversion (OTEC) - tidal energy conversion – Industrial management.

TOTAL: 30 PERIODS

SIGNATURE OF STAFF INCHARGE   **HOD/MECH**

DEPARTMENT OF MECHANICAL ENGINEERING
COURSE PLAN

Sub. Code : MVA010	**Branch / Year / Sem:** B.E. Mech /III/V
Sub. Name : Energy Resources and Management	
	Batch : 2019-2023
Staff Name : M.Melwin J Sridhar	**Academic Year** : 2021-22 (ODD)

COURSE OBJECTIVE

❖ To explain concept of various forms of Non-renewable and renewable energy.

❖ To outline division aspects and utilization of renewable energy sources for both domestics and industrial applications

❖ To study the environmental and cost economics of using renewable energy sources compared to fossil fuels.

.REFERENCE BOOKS

R1. B H Khan "Non-Conventional Energy Resources", Third Edition, Tata McGraw-Hill, 2007

R2. P K Nag, "Power plant Engineering", McGraw Hill Education, 2014.

WEB RESOURCES

W1. https://prezi.com/7fugbh0ndsub/nuclear-energy-vs-hydro-energy **(Topic No 02)**

W2. www.eolss.net/sample-chapters/c09/e4-23-02.pdf **(Topic No 05)**

W3. https://www.slideshare.net/vanitathakka/solar-radiation-measurement**(Topic No09)**

W4. https://cleanenergyaction.files.wordpress.com-ppt **(Topic No 12)**

W5. www.csun.edu/~psk17793/ES9CP/ES9%20factors_affecting_wind.htm**(Topic No 17)**

W6. https://www.boem.gov/Offshore-Wind-Energy **(Topic No 21)**

W7. https://www.slideshare.net/aslam55/biomass-conversion-technologies**(Topic No 26)**

W8. www.teriin.org/technology/biomass-gasifier **(Topic No 27)**

W9. www.alternative-energy-tutorials.com › Tidal Energy **(Topic No 36)**

W10. https://energy.gov/eere/geothermal/how-geothermal-power-plant-works-Simple **(Topic No 37)**

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT I FOSSIL FUEL ENERGY						**(6)**
1	Coal, Oil, Natural gas	R2	155-160	BB	1	1
2	Nuclear power and Hydro power	R2,W1	578-620	BB	1	2
3	Environmental impact of fossil fuels	R1, W2	9-14	BB	1	3
4	Energy scenario in India	R1	17-22	BB	1	4
5	Growth of energy sector and its planning in India.	R1	23-24	BB	2	6

LEARNING OUTCOME
At the end of unit, students should be able to
- Analyze the resources of energy.
- Understand the energy consumption pattern.
- Identify the growth of energy sector.

UNIT II SOLAR& WIND ENERGY - ALTERNATE SOURCE						**(6)**
6	Solar thermal applications	R1	91-110	BB	1	7
7	Solar thermal electric power plant	R1, W4	113-116	BB,PPT	1	8
8	Photovoltaic applications	R1	117-122	BB	1	9
9	Nature of the wind, power in the wind	R1	156-160	BB	1	10
10	Factors influencing wind, wind data and energy estimation	R1, W5	155-156	BB	1	11
11	Wind resource assessment	R1	157-166	BB PPT	1	12

LEARNING OUTCOME
At the end of unit, students should be able to
- Analyze the solar radiation & wind resource
- Understand the concept of photovoltaic applications.
- Understands the solar and wind assessment.

UNIT III BIO - ENERGY (6)						
12	Biomass resources and their classification	R1	197-204	BB PPT	1	13
13	Direct combustion – biomass gasification	R1, W8	208-210	BB	1	14

14	Pyrolysis and liquefaction	R1	212-215	BB	2	16
15	Types of biogas Plant - applications	R1	221-223	BB	1	17
16	Urban waste to energy conversion.	R1	206-230	BB	1	18

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of Bio power.
- Knowledge about biomass gasification.
- Knowledge about biogas plant & waste conversion.

UNIT IV OTHER TYPES OF ENERGY						**(6)**
17	Ocean energy resources - ocean thermal plant	R1	270-274	BB	2	20
18	Geothermal Energy & Geothermal power plant	R1,W10	232-244	BB, PPT	2	22
19	Fuel cell – principle of working	R1	277-292	BB, PPT	1	23
20	Various types - construction and applications	R1	293-302	BB, PPT	1	24

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the principle of ocean thermal energy conversion
- Knowledge about the geo thermal power plant
- Analyze the constructions of fuel cell

UNIT V ENERGY CONVERSION & MANAGEMENT						**(6)**
21	Photovoltaic conversion of solar energy	R1	117-122	BB	1	25
22	Thermo chemical conversion	R1, W4	117-118	BB,PPT	1	26
23	Biomass conversion processes	R1, W7	204-205	BB, PPT	1	27
24	Biochemical conversion	R1	216-220	BB	1	28
25	ocean thermal energy conversion (OTEC)	R1	260-270	BB	1	29
26	Tidal energy conversion, Industrial Management	R1, W9	250-254 -	BB, PPT	1	30

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the various conversion of energy resources
- Understands the need of energy management.

COURSE OUTCOME

At the end of the course, the students will be able to

- Understand the commercial energy and renewable energy sources.
- Knowledge about the working principle of various energy systems.
- Apply the knowledge on solar energy collectors.
- Understand the sources of Bio- energy.
- Compare different types of non renewable energy resources.

CONTENT BEYOND THE SYLLABUS
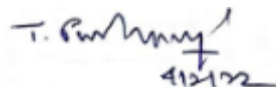
1. Nuclear energy.
2. Hydraulic energy

INTERNAL ASSESSMENT DETAILS
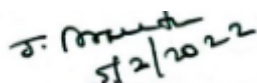
TEST NO.	I	II
Topic Nos.	1-11	12-20
Date		

Prepared by
M.Melwin J Sridhar, AP/Mech

Verified By
HOD/Mechanical

Approved by
PRINCIPAL

Format-QP06

A NAAC Accredited Institution

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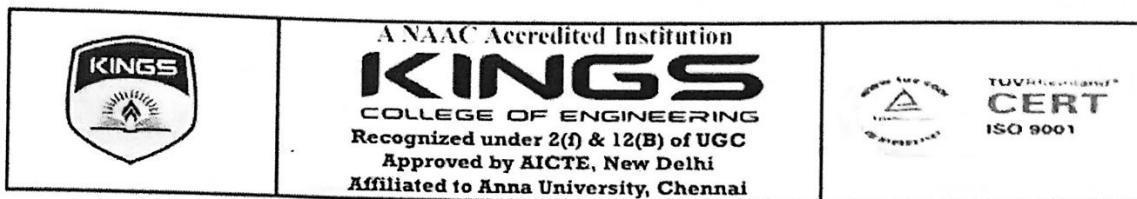
DEPARTMENT OF MECHANICAL ENGINEERING
TIME TABLE (AUG2021 – NOV 2021, ODD SEM)
B.E – MECH (Regulation 2017) - With Effect from 04.10.21

Batch : 2019-2023

Strength: 43

Year: III　　　　　Semester: V　　　　Class room: 202　　　　Block: II

Session	1	2	11.30 am – 11.45 am	3	12.45 pm – 1.30 pm	4	5
DAY	9.30 am – 10.30 am	10.30 am - 11.30 am		11.45 am – 12.45 pm		1.30 pm – 2.30 pm	2.30 pm – 4.00 pm
MON	ME8594	OAT552		ME8593		ME8501	T&P(A)
TUE	ME8595	ME8594		ME8593		ME8513	ME8511
WED	OAT552	ME8501	BREAK	ME8595	LUNCH BREAK	ME8594	ME8593
THU	ME8594	OAT552		ME8501		ME8593	ME8512
FRI	ME8595	ME8501		ME8593		ME8594	OAT552
SAT	VAC	ME8595		T&P (SS)		GATE	NPTEL

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
TUTORIAL (T), ELECTIVE (E)						
ME8595	Thermal Engineering II	PC	3	Mr.R.Rajadurai	MECH	4
ME8593	Design of Machine Elements	PC	3	Mr.M.Sakthivel	MECH	5
ME8501	Metrology & Measurements	PC	3	Mr.R.Shankar	MECH	4
ME8594	Dynamics of Machines	PC	4	Mr.M.Melwin J Sridhar	MECH	5
OAT552	Internal Combustion Engines	OE	3	Dr.PP.Shantharaman	MECH	4
PRACTICAL (P)						
ME8511	Kinematics & Dynamics Laboratory	PC	2	Mr.S.Nelson Raja	MECH	1
ME8512	Thermal Engineering Laboratory	PC	2	Mr.R.Rajadurai	MECH	1
ME8513	Metrology and Measurements Laboratory	PC	2	Mr.M.Sakthivel	MECH	1
VALUE ADDED INITIATIVES (VAI)						
GATE	GATE coaching hour	VAI	-	Mr.S.Nelson raja	MECH	1
NPTEL	SWAYAM/NPTEL online classes	VAI	-	Mr.M.Melwin J Sridhar	MECH	1
T&P(A)	Training and Placement (Aptitude)	VAI	-	Ms.P.Suganya	T&P	1
T&P(SS)	Training and Placement (Soft Skills)	VAI	-	Dr.K.Sudhakar	T&P	1
VAC	Value Added Course	VAI	-	Mr.M.Melwin J Sridhar	MECH	1

CLASS CO-ORDINATOR	NAME OF THE REPRESENTATIVES	ROLL NO
Mr.M.Melwin J Sridhar	R.Veeramani	38
CLASS COMMITTEE CHAIR PERSON	Mr.M.Aswin	

P.P 1/10/2021
DEPT. TTC

T.Pandiyaraj
HOD 1/10/21

01/10/2021
PRINCIPAL

SL. NO.	CODE ALLOTTED	TITLE	CREDITS
1.	MVA001	Small Unmanned Aerial Vehicle (sUAV) - Drone	2 credit
2.	MVA002	3D Printing	2 credit
3.	MVA003	Elements of Automation and Process Control	1 credit
4.	MVA004	Geometric Dimensioning and Tolerancing	2 credit
5.	MVA005	Smart Materials and Structures	2 credit
6.	MVA006	Green Energy Technologies and Management	2 credit
7.	MVA007	Automation Suite for Smart Systems	2 credit
8.	MVA008	Internet of Things Applications in Mechanical Engineering	1 credit
9.	MVA009	Surface Coating Technology	2 credit
10.	MVA010	Energy Resources and Management	2 0 0 2
11.	MVA011	Modeling for Design Engineers	2 0 0 2
12.	MVA012	Basic Concept of HVAC Designing and Drafting	2 0 0 2
13.	MVA013	Robotics Process Automation	2 0 0 2
14.	MVA014	Welding and Inspection Techniques	2 0 0 2
15.	MVA015	Modern Trends in Refrigeration and Air Conditioning	2 0 0 2
16.	MVA016	Finite Element Meshing Techniques	2 0 0 2
17.	MVA017	Nanoscience and Technology	2 0 0 2
18.	MVA018	Plant Design Management System	2 0 0 2
19.	MVA019	Technology for Energy Storage	2 0 0 2
20.	MVA020	Modeling Practice for Automotive Assemblies	2 0 0 2
21.	MVA021	Modeling and Machining Practice for CNC Machines	2 0 0 2

DIRECTOR (CAC)

Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025
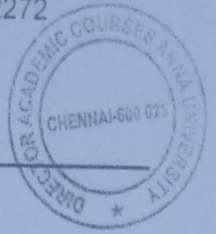
Dr. R. RAJU
DIRECTOR
Letter No:2813/AU/VA/CAC/2019

01.07.2019

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,
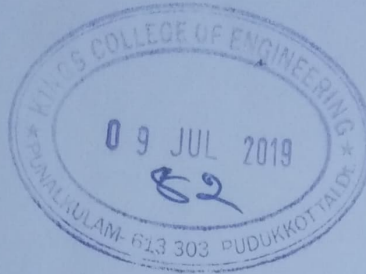
Sub : A.U. - CAC - Affiliated Institutions - Value Added Course - Reg.
Ref : Letter No.KCE/PRL/VAC/133/19-20 dated:20.06.2019.

*****

With reference to the letter cited, the following Value Added Course offered by Kings College of Engineering, Pudukkottai District, Affiliated Institutions is allotted the course code as detailed below.

SL.No	Code Allotted	Title
1.	MVA010	Energy Resources and Management

This is for your kind information and necessary action at your end.

Yours faithfully,

DIRECTOR

Copy to:
1. The Chairperson, Faculty of Mechanical Engineering, A.U., Ch -25.
2. The Principal, Kings College of Engineering, Punalkulam, Gandarvakottai Taluk, Pudukkottai District – 613 303.
3. The Stock File – CAC.

Department of Mechanical Engineering

Academic Year 2021-22 (ODD)

Action plan for GATE Coaching

Name of the Course : GATE Coaching

Batch : 2019-2023

Year/Sem : III/V

Duration : 30 Hours

Staff Incharge : Mr. S.Sabanayagam

Plan of Action

S. No	Topics	Hours Planned	Cumulative Hours
1	Introduction to GATE, Eligibility and Preparation	2	2
2	Introduction to syllabus, syllabus and question pattern	2	4
3	Engineering Thermodynamics- Question Discussion	2	6
4	Design of Machine Elements- Question Discussion	2	8
5	Heat Transfer- Question Discussion	2	10
6	Mass Transfer- Question Discussion	2	12
7	**Mock Test-1**	2	14
8	Gas Dynamics- Question Discussion	2	16
9	Fluid Mechanics- Question Discussion	2	18
10	Strength of Materials- Question Discussion	2	20
11	Design of Transmission Systems- Question Discussion	2	22
12	Process Planning- Question Discussion	2	24
13	Thermal Engineering- Question Discussion	2	26
14	**MockTest-II**	2	28
15	Revision and feedback	2	30

GATE CO-Ordinator   **HOD/Mech**

KINGS
COLLEGE OF ENGINEERING
Punalkulam, Thanjavur.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

ISO 9001 : 2008

Attendance and Assessment Record

Name of the Staff : S. NELSON RAJA

Department : MECHANICAL

Subject Code & Name : GATE COACHING

Branch : MECHANICAL

Semester : 2021-2022 (ODD)

Attendance and Assessment Record

Name of the Staff : S. NELSON RAJA   Dept MECH

Name of the Subject : GATE   Code

Branch   MECHANICAL ENGINEERING

Semester   V   Year III

Date of Commencement : 18.8.21   Last Working Day 30.11.21 /
                                                    20.01.2022

Details	Sessions Planned	Sessions Handled	% of Portions covered	Sign. of HOD
End of the First Month (AUG)	01	01	3.34%	✓
End of the Second Month (SEP)	13	13	43.34%	✓
End of the Third Month (OCT)	23	23	77%	✓
End of the Fourth Month (NOV)	30	30+01	100%	✓ 12/12

J. ⟨signature⟩
09/4/2022

PRINCIPAL

1

Roll No.	Name	Date	28	4	5	5	11	12	12	18	19	19
		Month	8	9	9	9	9	9	9	9	9	9
		Period	4	4	1	2	4	1	2	4	1	2
1	AAKASH.J		/	/	/	/	/	/	/	/	/	/
2	AATHIRUBESH.A		/	/	/	/	/	/	/	/	/	/
3	ARAVINDHAN.B		/	/	/	/	/	/	/	/	/	/
4	BALAGANAPATHY.S		/	/	a	a	/	/	/	/	/	/
5	BALA VIGNESH.D		/	/	/	/	/	/	/	/	/	/
6	BARATHBABU.A		/	a	/	/	/	a	a	/	/	/
7	BARATHICHOZHAN.S		/	/	/	/	/	/	/	/	/	/
8	DEEPANRAJ.S		a	a	/	/	/	/	/	/	/	/
9	DINESH.A		/	/	/	/	a	/	/	/	/	/
10	GOPI.G		/	/	/	/	/	/	/	/	/	/
11	GUNAL.P		/	/	/	/	/	/	/	a	/	/
12	HARIHARAN.D		/	/	/	/	/	a	a	/	/	/
13	HARIHARAN.M (11.07.2002)		a	/	/	/	/	/	/	/	/	/
14	HARIHARAN.M (22.07.2002)		/	/	/	/	/	/	/	/	/	/
15	HARIHARAN.M (27.07.2002)		/	/	/	/	/	/	/	/	/	/
16	HARISH GOWTHAM.M		/	/	/	/	/	/	/	a	/	/
17	IYAPPAN.A		/	/	/	/	a	/	/	a	/	/
18	KALAIMUHILARASAN.S		/	/	a	a	/	/	/	/	/	/
19	KAVIYARASAN.R		/	a	/	/	/	/	/	/	/	/
20	KISHORE.R		/	/	/	/	/	/	/	/	/	/
21	MULLAIVENDHAN.G		/	/	/	/	/	/	/	/	/	/
22	MUTHUKUMAR.K		/	/	/	/	/	/	/	/	/	/
23	NARENDRAN.R		/	/	/	/	/	/	/	/	/	/
24	NITHISH.A		/	/	/	/	/	/	/	/	a	a
25	PRADEEPRAJAN.S		/	/	/	/	/	/	/	/	/	/

2

Roll No.	19	24	24	9	10	10	17	17	24	24
	7	9	9	10	10	10	10	10	10	10
	4	1	2	4	1	2	1	2	1	2
1	/	/	/	/	a	a	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/
3	a	/	/	/	/	/	/	/	/	/
4	a	/	/	/	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	a	a	/	/	/	/
9	a	/	/	/	/	/	a	a	/	/
10	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	a	a
12	/	/	/	/	/	/	/	/	/	/
13	/	/	/	/	/	/	/	/	/	/
14	/	/	/	/	/	/	/	/	/	/
15	/	/	/	/	a	a	/	/	/	/
16	/	/	/	/	/	/	/	/	/	/
17	/	/	/	/	/	/	/	/	/	/
18	/	/	/	/	/	/	/	/	/	/
19	/	/	/	a	/	/	/	/	/	/
20	/	/	/	/	/	/	/	/	/	/
21	/	/	/	/	/	/	/	/	/	/
22	/	/	/	/	/	/	/	/	/	/
23.	/	/	/	/	/	/	/	/	/	/
24	a	/	/	/	/	/	/	/	/	/
25	/	/	/	/	/	/	/	/	/	/

3

Attendance Particulars

Roll No.	Name
1	AAKASH. J
2	AATHIRUBESH. A
3	ARAVINDHAN. B
4	BALAGANAPATHY. S
5	BALA VIGNESH. D
6	BARATHBABU. A
7	BARATHI CHOZHAN. S
8	DEEPANRAJ. S
9	DINESH. A
10	GOPI. G
11	GUNAL. P
12	HARIHARAN. D
13	HARIHARAN. M (11.07.200
14	HARIHARAN. M (22.07.200
15	HARIHARAN. M (27.07.20
16	HARISH GOWTHAM. M
17	IYAPPAN. A
18	KALAIMUHILARASAN. S
19	KAVIYARASAN. R
20	KISHORE. R
21	MULLAIVENDHAN. G
22	MUTHUKUMAR. K
23	NARENDRAN. R
24	NITHISH. A
25	PRADEEPRAJAN. S

Roll No.	30 10 4	31 10 1	31 10 2	6 11 4	7 11 1	7 11 2	13 11 4	14 11 1	14 11 2	21 11 1
1	/	/	/	/	/	/	/	/	/	/
2	/	a	a	a	/	/	/	/	/	/
3	/	/	/	/	/	/	/	/	/	/
4	/	/	/	/	/	/	/	/	/	a
5	/	/	/	a	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/
13	/	/	/	/	/	/	/	/	/	/
14	/	/	/	/	/	/	/	/	/	/
15	/	/	/	a	/	/	/	/	/	a
16	/	/	/	/	/	/	/	/	/	/
17	/	a	a	/	/	/	/	/	/	/
18	/	/	/	a	/	/	/	a	a	/
19	/	/	/	/	/	/	/	/	/	/
20	/	/	/	/	/	/	/	/	/	/
21	/	/	/	/	/	/	/	/	/	a
22	/	/	/	/	/	/	/	/	/	/
23	/	/	/	/	/	/	/	/	/	/
24	/	/	/	/	/	/	/	a	a	/
25	/	/	/	/	/	/	/	/	/	/

Roll No.	28 11 1
1	/
2	/
3	/
4	/
5	/
6	/
7	/
8	/
9	/
10	/
11	/
12	/
13	/
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15	/
16	/
17	/
18	/
19	/
20	/
21	/
22	/
23	/
24	/
25	/

5

Attendance Particulars

Roll No.	Name	28 / 8 / 4	4 / 9 / 4	5 / 9 / 1	5 / 9 / 2	11 / 9 / 4	12 / 9 / 1	12 / 9 / 2	18 / 9 / 4	19 / 9 / 1	19 / 9 / 2
26	PRAVEEN KUMAR.S	/	a	/	/	/	/	/	/	/	/
27	PRIYADHARSHAN.L	/	/	/	l	/	/	/	/	/	/
28	PURUSHOTHAMAN.S	/	/	/	/	/	/	/	/	/	/
29	PURUSHOTHAMAN.G	/	/	/	l	a	/	/	/	/	/
30	RAJASEKARAN.TK	/	/	/	/	/	/	/	/	/	/
31	ROOBAN.K	/	/	/	/	/	/	/	/	/	/
32	SATHIYARAJ.S	/	/	/	/	/	/	/	/	/	/
33	SATHIYASEELAN.B	/	/	/	/	/	/	/	/	/	/
34	SIVABALAN.A	a	/	/	/	/	/	/	/	/	/
35	SYED USMAN ALI.M	/	/	/	/	/	/	/	/	/	/
36	VEERAGURU.M	/	/	/	/	/	/	/	/	/	/
37	VEERAMANI.K	a	/	/	/	/	/	/	/	/	/
38	VEERAMANI.R	/	/	/	/	/	/	/	/	/	/
39	VENGATESH.S	/	a	/	/	/	/	/	/	/	/
40	VIGNESHWARAN.M	/	/	a	a	/	/	/	/	/	/
41	ABINESH.P	/	/	/	/	a	/	/	/	/	/
42	POOVARASAN.A	/	/	/	/	/	/	/	a	/	/
43	SIVA SUBRAMANIYAM.S	/	/	/	/	/	/	/	/	/	/
44	ARAVINDHAN.G	/	/	/	/	/	/	/	a	/	/
45	ASHOK KUMAR.	/	/	/	/	/	/	/	/	/	/
46											
47											
48	Present	41	40	42	42	41	43	43	40	44	44
49	Absent	04	05	03	03	04	02	02	05	01	01
50	Staff Signature	sb	sb	sb	sb	sb	sb	sb	sb	sb	sb

10

Roll No.	25 / 9 / 4	26 / 9 / 1	26 / 9 / 2	9 / 10 / 4	10 / 10 / 1	10 / 10 / 2	17 / 10 / 1	17 / 10 / 2	24 / 10 / 1	24 / 10 / 2
26	/	/	/	/	/	/	/	/	a	a
27	/	/	/	/	/	/	a	a	/	/
28	/	/	/	/	/	/	/	/	/	/
29	/	/	/	/	a	a	/	/	/	/
30	/	/	/	/	/	/	/	/	/	/
31	/	/	/	/	/	/	/	/	/	/
32	/	/	/	/	/	/	/	/	/	/
33	/	/	/	/	/	/	/	/	/	/
34	a	/	/	a	/	/	/	/	/	/
35	/	/	/	/	/	/	/	/	/	/
36	/	/	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/	/	/
38	/	/	/	a	/	/	/	/	/	/
39	/	/	/	/	/	/	/	/	/	/
40	/	/	/	/	/	/	/	/	/	/
41	/	/	/	/	/	/	/	/	a	a
42	/	/	/	/	/	/	/	/	/	/
43	/	/	/	a	/	/	/	/	/	/
44	/	/	/	/	/	/	/	/	/	/
45	/	/	/	/	/	/	/	a	a	a
46										
47										
48	40	45	45	41	42	42	43	43	41	41
49	05	NIL	NIL	04	03	03	02	02	04	04
50	sb	sb	sb	sb	sb	sb	sb	sb	sb	sb

11

Attendance Particulars

Roll No.	Name	Date	Month	Period
26	PRAVEEN KUMAR·S			
27	PRIYADHARSHAN·L			
28	PURUSHOTHAMAN·S			
29	PURUSHOTHAMAN·G			
30	RAJASEKARAN·TK			
31	ROOBAN·K			
32	SATHIYARAJ·S			
33	SATHIYASEELAN·B			
34	SIVABALAN·A			
35	SYED USMAN ALI·M			
36	VEERAGURU·M			
37	VEERAMANI·K			
38	VEERAMANI·R			
39	VENGATESH·S			
40	VIGNESHWARAN·M			
41	ABINESH·P			
42	POOVARASAN·A			
43	SIVA SUBRAMANIYAM·S			
44	ARAVINDHAN·G			
45	ASHOK KUMAR·			
46				
47				
48	Present			
49	Absent			
50	Staff Signa			

Roll No.	30	31	31	6	7	7	13	14	14	20
	10	10	10	11	11	11	11	11	11	11
	4	1	2	4	1	2	4	1	2	4
26	/	/	/	/	✔	/	/	/	/	/
27	/	/	/	/	✔	/	/	a	a	/
28	/	/	/	/	/	/	/	/	/	/
29	/	/	/	/	/	/	a	/	/	/
30	/	/	/	/	/	/	a	/	/	/
31	/	/	/	/	/	/	/	/	/	a
32	/	/	/	/	/	/	/	/	/	
33	/	/	/	/	/	/	/	/	/	
34	/	/	/	/	/	/	/	a	a	/
35	/	/	/	/	/	/	/	/	/	
36	/	/	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/	/	a
38	/	/	/	/	/	/	/	/	/	
39	/	/	/	/	/	/	/	/	/	
40	/	/	/	/	/	/	a	/	/	/
41	a	/	/	/	/	/	/	/	/	/
42	/	/	/	/	/	/	/	/	/	/
43	a	/	/	/	/	/	/	/	/	/
44	/	/	/	/	/	/	/	/	/	
45	/	/	/	/	/	/	/	/	/	/
46										
47										
48	43	43	43	41	45	45	42	41	41	40
49	02	02	02	04	NIL	NIL	03	04	04	05
50	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB

12

Roll No.	28						
	11						
	1						
26	/						
27	/						
28	/						
29	/						
30	/						
31	/						
32	/						
33	/						
34	/						
35	/						
36	/						
37	/						
38	/						
39	/						
40	/						
41	/						
42	/						
43	/						
44	/						
45	/						
46							
47							
48	45						
49	NIL						
50	SB						

13

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	28/9/21	Introduction to Syllabus.	4	02	Sgt	
	4/9/21	Subjects and Question	4			
		Pattern				
	5/9/21	Engineering Thermodynamics	1,2	04	Sgt	
	11/9/21	Design of Machine	4	06	Sgt	
	12/9/21	Elements	1			
	12,18/9/21	Heat and Mass Transfer	2,4	08	Sgt	
	19/9/21	Thermal Engineering	1,2	10	Sgt	
	25,26/9/21	Gas Dynamics	4,1	12	Sgt	
	26/9/21	Manufacturing Technology	2	14	Sgt	
	9/10/21		4			
	10/10/21	Fluid Mechanics	1,2	16	Sgt	

Hours Planned: 16   Hours Handled: 16

26

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	17/10/21	Metrology and	1,2	18	Sgt	
		Measurements				
	24/10/21	Engineering Metallurgy	1,2	20	Sgt	
	30/10/21	Dynamics of Machines	4	22	Sgt	
	31/10/21		1			
	31/10/21	Mechanics of Metalcutting	2	24	Sgt	
	6/11/21		4			
	7/11/21	Strength of Materials	1,2	26	Sgt	
	13/11/21	Process planning and	4	28	Sgt	
	14/11/21	Control	1			
	14,20/11/21	Revision and Mock test	2,4	30	Sgt	
	28/11/21	Revision	1	–	Sgt	

Verified

Hours Planned: 14   Hours Handled: 15

27

DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-22 (EVEN)
ACTION PLAN FOR GATE COACHING

Name of the Course : GATE
Batch : 2019-2023
Year / Semester : III / 06
Staff In charge : Mr. S. Sabanayagam

S.No	Topics	Hours Planned	Cumulative Hours
1.	Introduction to Syllabus, Subjects and Question Pattern.	2	2
2.	Engineering Thermodynamics Questions Discussion and Assignments	2	4
3.	Design of Machine Elements Questions Discussion and Assignments	2	6
4.	Heat and Mass Transfer Questions Discussion and Assignments	2	8
5.	Thermal Engineering Questions Discussion and Assignments	2	10
6.	Gas Dynamics Questions Discussion and Assignments	2	12
7.	Manufacturing Questions Discussion and Assignments	2	14
8.	Fluid Mechanics Questions Discussion and Assignments	2	16
9.	Mock Test-I	1	17
10.	Metrology and Measurements Questions Discussion and Assignments	2	19
11.	Engineering Metallurgy Questions Discussion and Assignments	2	21
12.	Dynamics of Machines Questions Discussion and Assignments	2	23
13.	Mechanics of Metal Cutting Questions Discussion and Assignments	2	25
14.	Strength of Materials Questions Discussion and Assignments	2	27
15.	Revision	1	28
16.	Mock Test-II	1	29
17.	Feedback	1	30

Staff In-Charge   HoD/MECH   GATE Coordinator 18/3/2022

KINGS
COLLEGE OF ENGINEERING
Punalkulam, Thanjavur.

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

ISO 9001 : 2008

Attendance and Assessment Record

Name of the Staff	:	S. NELSON RAJA
Department	:	MECHANICAL
Subject Code & Name	:	GATE COACHING
Branch	:	MECHANICAL
Semester	:	VI (2021 - 22 EVEN)

Attendance and Assessment Record

Name of the Staff : S. NELSON RAJA Dept ___MECH___

Name of the Subject : ___GATE___ Code _____

Branch : ___MECHANICAL___

Semester : ___VI___ Year ___III___

Date of Commencement : 16.3.22 Last Working Day 16.6.22

Details	Sessions Planned	Sessions Handled	% of Portions covered	Sign. of HOD
End of the First Month MAR	05	05	16.66%	
End of the Second Month APR	23	23	76.76%	
End of the Third Month MAY	30	30	100%	
End of the Fourth Month	–	–	–	–

PRINCIPAL

1

Attendance Particulars

Roll No.	Name	17	19	22	23	29	1	?	?	?	2
		3	3	3	3	3	4	4	4	4	4
	Period	4	4	5	4	5	8	2	3	4	1
1	AAKASH.J	a	a	a	a	/	/	/	/	/	/
2	AATHI BUBESH.A	a	a	/	/	/	/	/	/	/	/
3	ARAVINDAN.B	a	a	a	a	/	/	/	/	/	/
4	BALAGANAPATHY.S	/	a	/	/	/	/	/	/	/	/
5	BALAVIGNESH.D	/	a	/	/	/	/	/	/	/	/
6	BARATH BABU.A	a	a	/	/	/	/	/	/	/	/
7	BHARATHI CHOZHAN.S	/	a	/	a	/	/	/	/	/	/
8	DEEPANRAJ.S	a	a	/	/	/	a	/	/	/	/
9	DINESH.A	/	a	a	a	a	/	/	/	/	/
10	GOPI.G	a	a	/	/	/	/	/	/	/	/
11	GUNAL.P	/	a	/	/	/	/	/	/	/	/
12	HARIHARAN.D	a	a	a	/	/	/	/	/	/	/
13	HARIHARAN.M (11.07.2002)	a	a	/	/	/	/	/	/	/	/
14	HARIHARAN.M (22.07.2002)	/	/	/	/	/	/	/	/	/	/
15	HARIHARAN.M (27.07.2002)	/	/	/	/	/	/	/	/	/	/
16	HARISH GOWTHAM.M	/	a	/	/	/	/	a	/	/	/
17	IYAPPAN.A	a	a	/	/	/	/	/	/	/	/
18	KALAIMUHIL ARASAN.S	/	a	/	/	/	/	/	/	/	/
19	KAVIYARASAN.R	a	a	/	a	/	/	/	/	/	/
20	KISHORE.R	a	a	/	/	/	/	/	/	/	/
21	MULLAIVENDHAN.G	/	a	/	a	a	/	/	/	/	/
22	MUTHUKUMAR.K	/	a	/	/	/	/	/	/	/	/
23	NARENDRAN.R	/	a	/	/	/	a	/	/	/	/
24	NITHISH.A	/	a	a	/	/	a	/	/	/	/
25	PRADEEPRAJAN.S	/	a	/	/	a	a	/	/	/	/

2

Roll No.	3	3	3	3	5	12	18	22	23	23
	4	4	4	4	4	4	4	4	4	4
	1	2	3	4	5	8	3	8	4	8
1	/	/	/	/	/	/	a	/	/	/
2	/	/	/	/	/	/	/	a	/	/
3	/	/	/	/	/	/	a	/	/	/
4	/	/	/	/	/	/	/	a	a	a
5	/	/	/	/	/	/	/	a	a	a
6	/	/	/	/	/	/	/	a	/	/
7	/	/	/	/	a	/	/	a	/	/
8	/	/	/	/	/	/	a	/	/	/
9	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	a	a	/	a	/	/
11	/	/	/	/	/	/	a	/	/	/
12	/	/	/	/	a	/	/	a	/	/
13	/	/	/	/	/	/	/	/	a	a
14	/	/	/	/	/	/	/	a	/	/
15	/	/	/	/	/	/	/	/	/	/
16	/	/	/	/	/	/	/	/	/	/
17	/	/	/	/	/	/	/	/	/	/
18	/	/	/	/	/	/	/	/	/	/
19	/	/	/	/	a	a	/	a	/	/
20	/	/	/	/	/	/	/	/	/	/
21	/	/	/	/	/	/	/	/	a	a
22	/	/	/	/	a	/	/	/	/	/
23	/	/	/	/	/	/	/	/	a	a
24	/	/	/	/	/	/	/	/	a	a
25	/	/	/	/	/	/	/	a	a	a

3

Attendance Particulars

Roll No.	Name	Date / Month / Period
		Date
	Name	Month
		Period
1	AAKASH.J	
2	AATHI BUBESH.A	
3	ARAVINDAN.B	
4	BALAGANAPATHY.S	
5	BALAVIGNESH.D	
6	BARATH BABU.A	
7	BHARATHI CHOZHAN.S	
8	DEEPANRAJ.S	
9	DINESH.A	
10	GOPI.G	
11	GUNAL.P	
12	HARIHARAN.D	
13	HARIHARAN.M (11.07.	
14	HARIHARAN.M (22.0	
15	HARIHARAN.M (27.07	
16	HARISH GOWTHAM.M	
17	IYAPPAN.A	
18	KALAI MUHIL ARASAN.	
19	KAVIYARASAN.R	
20	KISHORE.R	
21	MULLAIVENDHAN.G	
22	MUTHUKUMAR.K	
23	NARENDRAN.R	
24	NITHISH.A	
25	PRADEEPRAJAN.S	

Attendance Grid (Page 4)

Roll No.	26/4/8	27/4/8	28/4/2	6/5/8	7/5/8	8/5/1	8/5/2	8/5/3	8/5/4	11/5/4
1	/	/	/	a	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/
3	/	/	/	a	/	/	/	/	/	/
4	/	/	/	/		/	/	/	/	/
5	/	/	/	/	a	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/
7	/	/	/	/	a	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/
9	a	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/
12	/	a	/	/	/	/	/	/	/	/
13	/	/	/	/	/	/	/	/	/	/
14	/	a	/	/	/	/	/	/	/	A
15	/	/	/	/	/	/	✓	/	/	
16	/	/	/	/	/	/	/	/	/	
17	/	/	/	/	/	/	/	/	/	
18	/	/	/	/	/	/	/	/	/	
19	/	/	/	/	a	/	/	/	/	
20	/	/	/	/	/	/	/	/	/	
21	/	/	/	/	/	/	/	/	/	
22	/	/	/	/	/	/	/	/	/	
23	/	/	/	/	/	/	/	/	/	
24	/	/	/	/	/	/	/	/	/	
25	/	/	/	/	a	/	/	/	/	

(Page 5 — blank grid)

Roll No.										
1										
2										
3										
4										
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6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

Attendance Particulars

Roll No.	Name	Date→	17	19	22	23	29	1	2	2	2	2
		Month→	3	3	3	3	3	4	4	4	4	4
		Period→	4	4	5	4	5	8	1	2	3	4
26	PRAVEENKUMAR.S		a	a	a	a	/	/	/	/	/	/
27	PRIYADHARSHAN.L		/	/	/	/	/	/	/	/	/	/
28	PURUSHOTHAMAN.S		/	a	/	/	/	/	/	/	/	/
29	PURUSHOTHAMAN.G		a	a	a	a	a	/	/	/	/	/
30	RAJASEKARAN.TK		/	/	/	/	/	/	/	/		
31	ROOBAN.K		a	a	/	a	a	/	/	/	/	/
32	SATHIYARAJ.S		a	a	a	a	/	/	/	/	/	/
33	SATHIYASEELAN.B		a	a	/	/	/	a	/	/	/	/
34	SIVABALAN.A		a	/	a	a	/	/	/	/	/	/
35	SYEDU USMAN ALI.M		/	/	/	/	/	/	/	/	/	/
36	VEERAGURU.M		/	a	/	/	/	/	/	/	/	/
37	VEERAMANI.K		/	a	/	/	/	/	/	/	/	/
38	VEERAMANI.R		/	/	/	/	/	/	/	/	/	/
39	VENKATESH.S		/	a	a	a	a	a	/	/	/	/
40	VIGINESHWARAN.M		/	/	a	a	/	a	/	/	/	/
41	ABINESH.P		a	/	/	/	/	/	/	/	/	/
42	POOVARASAN.A		a	a	/	/	a	/	/	/	/	/
43	SIVASUBRAMANIYAM.S		/	a	/	/	/	/	/	/	/	/
44	ARAVINDHAN.G		/	a	/	/	/	/	/	/	/	/
45	ASHOK KUMAR.KR		/	a	/	/	/	a	/	/	/	/
46	KARTHICK.M		/	a	/	/	/	a	a	a	a	a
47												
48	PRESNT		27	37	35	33	39	37	45	45	45	45
49	ABSENT		19	09	11	13	07	09	01	01	01	01
50	STAFF SIGN		*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*

10

Roll No.	3	3	3	3	5	12	18	22	23	23
	4	4	4	4	4	4	4	4	4	4
	1	2	3	4	5	3	3	3	4	3
26	/	/	/	/	/	/	a	/	/	
27	/	/	/	/	/	/	/	/	/	
28	/	/	/	/	/	/	/			
29	/	/	/	/	a	/	/			
30	/	/	/	/	/	/	/	/		
31	/	/	/	/	a	/	/			
32	/	/	/	/	a	/	a	a	/	/
33	/	/	/	/	/	/	/			
34	/	/	/	/	/	/	a	/		
35	/	/	/	/	/	/	/			
36	/	/	/	/	/	a	a	a		
37	/	/	/	/	/	/	/			
38	/	/	/	/	a	/	/	/		
39	/	/	/	/	a	/	/			
40	/	/	/	/	a	/	/			
41	/	/	/	/	/	/	/			
42	/	/	/	a	a	a	/	a	a	
43	/	/	/	/	/	/	a	a		
44	/	/	/	/	a	/				
45	/	/	/	/	/	/	/			
46	a	a	a	a	/	/	/	/		
47										
48	45	45	45	45	35	42	39	31	36	36
49	01	01	01	01	11	04	07	15	10	10
50	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*	*(sign)*

11

Attendance Particulars

Roll No.	Name	Date / Month / Period
		Date
		Month
		Period
26	PRAVEENKUMAR. S	
27	PRIYADHARSHAN. L	
28	PURUSHOTHAMAN. S	
29	PURUSHOTHAMAN. G	
30	RAJASEKARAN. TK	
31	ROOBAN. K	
32	SATHIYARAJ. S	
33	SATHIYASEELAN. B	
34	SIVABALAN. A	
35	SYEDU USMAN ALI. M	
36	VEERAGURU. M	
37	VEERAMANI. K	
38	VEERAMANI. R	
39	VENKATESH. S	
40	VIGNESHWARAN. M	
41	ABINESH. P	
42	POOVARASAN. A	
43	SIVASUBRAMANIYAM	
44	ARAVINDHAN. G	
45	ASHOK KUMAR. KR	
46	KARTHICK. M	
47		
48	PRESNT	
49	ABSENT	
50	STAFF SIGN	

Roll No.	26/4/8	27/4/8	28/4/2	6/5/3	7/5/3	8/5/1	8/5/2	8/5/3	8/5/4	9/5/4
26	/	/	/	/	/	/	/	/	/	/
27	/	/	/	/	/	/	/	/	/	/
28	/	/	/	/	/	/	/	/	/	/
29	/	/	/	/	/	/	/	/	/	/
30	/	a	/	/	/	/	/	/	/	/
31	a	/	/	a	/	/	/	/	/	/
32	/	/	/	/	/	/	/	/	/	/
33	/	/	/	a	/	/	/	/	/	/
34	/	/	/	/	/	/	/	/	/	/
35	/	/	/	/	/	/	/	/	/	/
36	/	/	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/	/	/
38	/	/	/	/	/	/	/	/	/	/
39	/	/	/	/	/	/	/	/	/	/
40	/	/	/	/	/	/	/	/	/	/
41	/	/	/	/	/	/	/	/	/	/
42	/	/	/	a	a	/	/	/	/	/
43	/	/	/	/	/	/	/	/	/	/
44	/	/	a	/	/	/	/	/	/	/
45	/	/	/	/	/	/	/	/	/	/
46	/	/	a	/	a	/	/	/	/	/
47										
48	44	43	44	41	40	46	46	46	46	46
49	02	03	02	05	06	NIL	NIL	NIL	NIL	NIL
50										

Roll No.										
26										
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RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	17.3.22	• Introduction to Syllabus.	4	01	Sbg	
	19.3.22	Question Pattern.	4	02	Sbg	✓
	22.3.22	• Engineering thermodynamics	5	03	Sbg	
	23.3.22	• Questions and Assignments.	4	04	Sbg	
	29.3.22	• Design of Machine Elements	5	05	Sbg	
	1.4.22	Questions and Assignments.	8	06	Sbg	
	2.4.22	• Heat and Mass Transfer	1	07	Sbg	
	2.4.22	Questions and Assignments.	2	08	Sbg	
	2.4.22	• Thermal Engineering	3	09	Sbg	
	2.4.22	Questions and Assignments.	4	10	Sbg	
	3.4.22	• Gas Dynamics - Questions	1	11	Sbg	
	3.4.22	and Assignments.	2	12	Sbg	

Hours Planned: 12   Hours Handled: 12

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	3.4.22	• Manufacturing - Questions	3	13	Sbg	
	3.4.22	and Assignments.	4	14	Sbg	
	5.4.22	• Fluid Mechanics	5	15	Sbg	
	12.4.22	Questions and Assignments.	5	16	Sbg	✓
	18.4.22	• Mock test - I	3	17	Sbg	
	22.4.22	• Metrology & measurements	8	18	Sbg	
	23.4.22	Questions and Assignments.	4	19	Sbg	
	23.4.22	• Engineering Metallurgy	7	20	Sbg	✓
	26.4.22	Questions and Assignments.	8	21	Sbg	
	27.4.22	• Dynamics of Machines	8	22	Sbg	
	28.4.22	Questions and Assignments	2	23	Sbg	✓
	6.5.22	• Mechanics of Metal Cutting	8	24	Sbg	
	7.5.22	Questions and Assignments.	8	25	Sbg	✓

Hours Planned: 13   Hours Handled: 13

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	8.5.22	• Strength of materials	1	26	Sign	
	8.5.22	Questiony and Assignments.	2	27	Sign	
	8.5.22	• Revision	3	28	Sign	
	8.5.22	• Mock Test II And	4	29	Sign	
	21.5.22	Feed Back.	4	30	Sign	
		Verified				
		P. 5/7/22				

Hours Planned: 05   Hours Handled: 05

1.2.2 - Universal Human Values

Cell

TRUTH   LOVE

RIGHT CONDUCT   NON VIOLENCE

PEACE

HoD / S&H

Principal

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PUNALKULAM - 613 303.

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

TÜVRheinland
CERT
ISO 9001
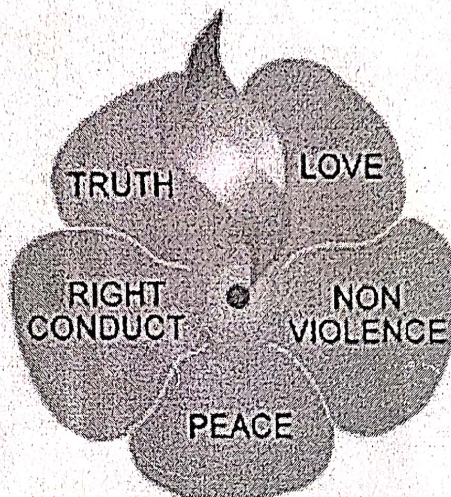
Department of Science and Humanities
Universal Human Values

Content

S.No	Particulars
1	UHV Module –I 2021-2022

HoD / S&H

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TÜVRheinland
CERT
ISO 9001
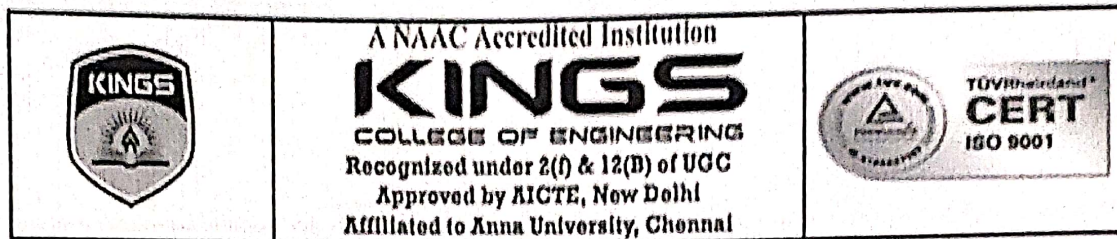
UNIVERSAL HUMAN VALUES

Students would get an initial exposure to human values through Universal Human Values – I.

OBJECTIVE:

The objective of the course is four fold:

1. Development of a holistic perspective based on self-exploration about themselves (human being), family, society and nature/existence.

2. Understanding (or developing clarity) of the harmony in the human being, family, society and nature/existence

3. Strengthening of self-reflection.

4. Development of commitment and courage to act.

Course Duration: 30 Hours during academic Year

Expert Lecture Session scheduled

UHV Coordinator

HoD / S&H

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CERT
ISO 9001
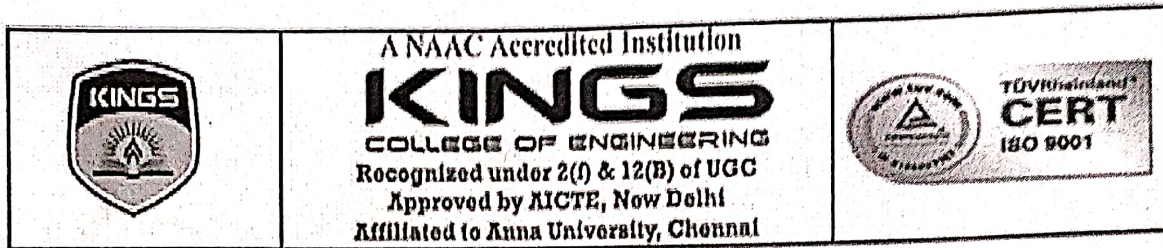
COURSE TOPICS:

The course has 30 hrs lectures in one module:
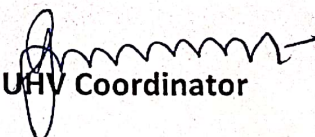
Course Introduction - Need, Basic Guidelines, Content and Process for Value Education

1. Purpose and motivation for the course, recapitulation from Universal Human Values-I
2. Self-Exploration–what is it? - Its content and process; 'Natural Acceptance' and Experiential Validation- as the process for self-exploration
3. Continuous Happiness and Prosperity- A look at basic Human Aspirations
4. Right understanding, Relationship and Physical Facility- the basic requirements for fulfillment of aspirations of every human being with their correct   priority
5. Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario
6. Method to fulfill the above human aspirations: understanding and living in harmony at various levels.

7. Understanding the needs of Self ('I') and 'Body' - happiness and physical facility
8. Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer)
9. Understanding the characteristics and activities of 'I' and harmony in 'I'
10. Understanding the harmony of I with the Body: Sanyam and Health; correct appraisal of Physical needs, meaning of Prosperity in detail
11. Programs to ensure Sanyam and Health.
12. Understanding the meaning of Trust; Difference between intention and competence
13. Understanding the harmony in the society (society being an extension of family)
14. Holistic perception of harmony at all levels of existence.
15. Natural acceptance of human values

This course is to be taught by faculty members from every department.

UHV Coordinator

Principal
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Kings College of Engineering,
PUNALKULAM - 613 303.

HoD / S&H

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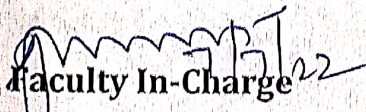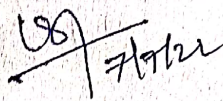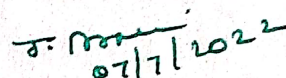
DEPARTMENT OF SCIENCE & HUMANITIES

ADD ON PROGRAMS / CERTIFICATE COURSE DURING THE ACADEMIC YEAR

Academic Year 2021-22
Syllabus, Course Plan, Time table, Evaluation, Certificate, Outcome

S.No	COURSE TITLE
1.	Universal Human Values (UHV) Module - I

Faculty In-Charge

HOD/S&H

07/7/2022
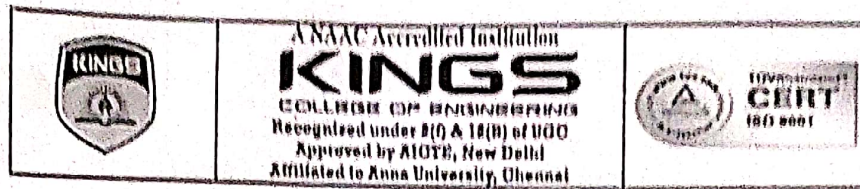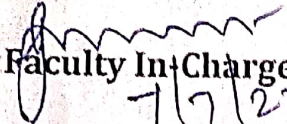
PRINCIPAL

DEPARTMENT OF SCIENCE & HUMANITIES
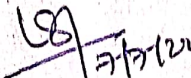
ADD ON PROGRAMS / CERTIFICATE COURSE DURING THE ACADEMIC YEAR

Academic Year 2021-22

S.No	COURSE TITLE	NO. HOURS HANDLED	NO. OF STUDENTS ATTENDED
1.	Universal Human Values (UHV) Module - I	30	213

Total No. of Add-On courses organized : 1

No. of Students Attended : 213

Faculty In-Charge
7/7/22

HOD/S&H
7/7/22

PRINCIPAL
07/7/2022

Format-QP06

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DEPARTMENT OF SCIENCE AND HUMANITIES
TIME TABLE (April' 2022 – July' 2022, EVEN SEM)
B.E., (Regulation 2021) – With Effect from 11.04.2022

Batch:2021-2025									Strength:19
Year: I			Semester: II		Branch: CIVIL		Class Room : 406		Block: IV

Session	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm - 03.25 pm	7
Day	09.15am - 10.05am	10.05 am - 10.55 am		11.10am - 12.00am	12.00am - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.25pm - 04.15pm
MON	BE3272		BREAK	BE3272		LUNCH BREAK	HS3251	BE3252	BREAK	MA3251
TUE	BE3252	HS3251		BE3252	GE3271		GE3271			GE3271
WED	GE3251			GE3251	MA3251		PH3201	BE3252		HS3251
THU	HS3251	PH3201		MA3251	BE3252		GE3251			GE3251
FRI	MA3251	NET/LIB		PH3201	MA3251		PH3201	HS3251		PED
SAT	PH3201	MA3251		BE3252	HS3251		TEST HOUR	UHV		SWAYAM

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/ WEEK
TUTORIAL (T), ELECTIVE (E)						
HS3251	Professional English II	HSMC	4(T)	Mr.P.Raajeshwaran	ENGLISH	6
MA3251	Statistics and Numerical Methods	BSC	4(T)	Dr.G.Shankarakalidoss	MATHS	6
PH3201	Physics for Civil Engineering	BSC	3	Ms.T.Abimalaiarasi	PHYSICS	5
BE3252	BEE&IE	ESC	3	Mrs.U.Jeyamalar	ECE	6
GE3251	Engineering Graphics	ESC	4	Mr.M.Sakthivel	MECH	6
PRACTICAL(P)						
GE3271	Engineering Practices Lab	ESC	2	Mr.M.Sakthivel Mr.R.Balakrishnan	MECH ECE	4
BE3272	BEE&IE Lab	ESC	2	Mrs.D.Vennila	ECE	4
VALUE ADDED INITIATIVES (VAI)						
NET LAB / LIBRARY				Mr.P.Raajeshwaran / Dr.S.Udayakumar		1
PED				Mr.V.Rajendran		1
SWAYAM				Class Coordinator		1
UHV				Dr.S.Udayakumar		1
TEST HOUR				Respective Subject Incharges		1
CLASS CO-ORDINATOR			NAME OF THE REPRESENTATIVES			ROLL NO
Dr.S.Udayakumar			G.V.NAAVINYAA, S.MOHAN			21CE12 21CE10
CLASS COMMITTEE CHAIR PERSON			Mrs.S.Anuradha			

DEPT. TTC   9.4.22
Dr.S.Udayakumar

HOD   9/4/22

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DEPARTMENT OF SCIENCE AND HUMANITIES
TIME TABLE (April' 2022 – July' 2022, EVEN SEM)
B.E., (Regulation 2021) – With Effect from 11.04.2022

Batch:2021-2025 | | | | | | | | | | Strength:60

| Year: I | | | Semester: II | | | Branch: CSE | | Class Room : 405 | | Block: IV |

Session	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm - 03.25 pm	7
Day	09.15am - 10.05am	10.05am - 10.55am		11.10am - 12.00am	12.00am - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.25pm - 04.15pm
MON	HS3251	PH3256	BREAK	MA3251	CS3251	LUNCH BREAK	GE3251		BREAK	GE3251
TUE	CS3271			CS3271			HS3251	BE3251		PED
WED	BE3251	MA3251		UHV	PH3256		MA3251	HS3251		CS3251
THU	GE3271			GE3271			CS3251	MA3251		BE3251
FRI	GE3251			GE3251	HS3251		BE3251	PH3256		MA3251
SAT	CS3251	HS3251		MA3251	BE3251		NET/LIB	PH3256		SWAYAM

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
		TUTORIAL (T), ELECTIVE (E)				
HS3251	Professional English II	HSMC	4(T)	Mr.P.Raajeshwaran	ENGLISH	5
MA3251	Statistics and Numerical Methods	BSC	4(T)	Dr.V.Vijayalakshmi	MATHS	6
PH3256	Physics for Information Science	BSC	3	Mrs.S.Anuradha	PHYSICS	4
BE3251	BEEE	ESC	3	Mrs.D.Vennila	ECE	5
GE3251	Engineering Graphics	ESC	4	Mr.D.Balaji	MECH	6
CS3251	Programming in C	PCC	3	Mrs.D.R.Saranya	CSE	4
		PRACTICAL(P)				
GE3271	Engineering Practices Lab	ESC	2	Mrs.D.Vennila/ Mr.K.Sudharsanan Mr.R.Shankar	ECE MECH	4
CS3271	Prog. In C Lab	PCC	2	Ms.D.R.Saranya		4
		VALUE ADDED INITIATIVES (VAI)				
	NET LAB / LIBRARY			Mr.P.Raajeshwaran / Dr.V.Vijayalakshmi		1
	PED			Mr.V.Rajendran		1
	SWAYAM			Class Coordinator		1
	UHV			Dr.P.Saravanan		1
CLASS CO-ORDINATOR		NAME OF THE REPRESENTATIVES				ROLL NO
Dr.V.Vijayalakshmi		P.J.SOWIMYA, G.NAVEEN				21CS54 21CS39
CLASS COMMITTEE CHAIR PERSON		Mr.J.Radhakrishnan				

DEPT. TTC 9/4/22
Dr.S.Udayakumar

HOD 9/4/22

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DEPARTMENT OF SCIENCE AND HUMANITIES
TIME TABLE (April' 2022 – July' 2022, EVEN SEM)
B.E., (Regulation 2021) – With Effect from 11.04.2022

Batch:2021-2025											Strength:63
Year: I			Semester: II			Branch: ECE		Class Room : 404			Block: IV
Session	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm - 03.25 pm		7
Day	09.15am - 10.05am	10.05am - 10.55am		11.10am - 12.00am	12.00am - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm			03.25pm - 04.15pm
MON	HS3251	EC3251	BREAK	MA3251	GE3271 /EC3271	LUNCH BREAK	GE3271/ EC3271			BREAK	GE3271/ EC3271
TUE	GE3251			GE3251	BE3254		MA3251	PH3254			UHV
WED	GE3271/EC3271			GE3271/EC3271			MA3251	HS3251			PH3254
THU	MA3251	BE3254		EC3251	PH3254		HS3251	MA3251			SWAYAM
FRI	EC3251	HS3251		EC3251	BE3254		GE3251				GE3251
SAT	BE3254	EC3251		HS3251	MA3251		PH3254	NET/Lib			PED

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/ WEEK
TUTORIAL (T), ELECTIVE (E)						
HS3251	Professional English II	HSMC	4(T)	Mr.G.Dinesh	ENGLISH	5
MA3251	Statistics and Numerical Methods	BSC	4(T)	Dr.G.Shankarakalidoss	MATHS	6
PH3254	Physics for Electronics Engineering	BSC	3	Ms.T.Abimalaiarasi	PHYSICS	4
BE3254	Electrical and Instrumentation Engineering	ESC	3	Mr.T.Jayaseelan	ECE	4
GE3251	Engineering Graphics	ESC	4	Mr.S.Balaganesh	MECH	6
EC3251	Circuit Analysis	PCC	4(T)	Mr.R.Balakrishnan	ECE	5
PRACTICAL(P)						
GE3271	Engineering Practices Lab	ESC	2	Mr.T.Jayaseelan/ Mr.S.Sivakumar Mr.S.Balaganesh	ECE MECH	4
EC3271	Circuit Analysis Lab	BSC	1	Mr.R.Balakrishnan Mr.R.Thandayuthapani	ECE	4
VALUE ADDED INITIATIVES (VAI)						
NET LAB / LIBRARY				Mr.G.Dinesh / Mr.V.Srinivasan		1
PED				Mr.V.Rajendran		1
SWAYAM				Class Coordinator		1
UHV				Dr.S.Udayakumar		1
CLASS CO-ORDINATOR			NAME OF THE REPRESENTATIVES			ROLL NO
Mr.G.Dinesh			V.SWATHI, M.MOHAMMED YASEEN			21EC56 21EC28
CLASS COMMITTEE CHAIR PERSON			Dr.P.Saravanan			

DEPT. TTC   9/4/22
Dr.S.Udayakumar

HOD   9/4/22

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DEPARTMENT OF SCIENCE AND HUMANITIES
TIME TABLE (April' 2022 – July' 2022, EVEN SEM)
B.E., (Regulation 2021) – With Effect from 11.04.2022

Batch:2021-2025								Strength: 28
Year: I		Semester: II		Branch: EEE		Class Room : 408		Block: IV

Session	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm - 03.25 pm	7
Day	09.15am - 10.05am	10.05 am - 10.55 am		11.10am - 12.00am	12.00am - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.25pm - 04.15pm
MON	HS3251	MA3251	BREAK	BE3255	PH3202	LUNCH BREAK	EE3251	MA3251	BREAK	PED
TUE	MA3251	HS3251		PH3202	GE3271		GE3271			GE3271
WED	GE3251			GE3251	HS3251		EE3251	PH3202		MA3251
THU	BE3255	EE3251		HS3251	MA3251		GE3251			GE3251
FRI	EE3271			EE3271			BE3255	EE3251		NET/LIB
SAT	PH3202	UHV		MA3251	EE3251		HS3251	BE3255		SWAYAM

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/ WEEK
		TUTORIAL (T), ELECTIVE (E)				
HS3251	Professional English II	HSMC	4(T)	Mr.J.Radhakrishnan	ENGLISH	5
MA3251	Statistics and Numerical Methods	BSC	4(T)	Dr.S.Revathi	MATHS	6
PH3202	Physics for Electrical Engineering	BSC	3	Mrs.S.Anuradha	PHYSICS	4
BE3255	Basic Civil and Mechanical Engineering	ESC	3	Mr.S.Nelsonraja	MECH	4
GE3251	Engineering Graphics	ESC	4	Mr.M.Sakthivel	MECH	6
EE3251	Electric Circuit Analysis	PCC	4(T)	Dr.R.Arulraj	EEE	5
		PRACTICAL (P)				
GE3271	Engineering Practices Lab	ESC	2	Mr.R.Sathyaraj Mr.M.Sakthivel	ECE MECH	4
EE3271	Electric Circuits Laboratory	PCC	2	Dr.R.Arulraj	EEE	4
		VALUE ADDED INITIATIVES (VAI)				
NET LAB / LIBRARY				Mr.J.Radhakrishnan / Dr.S.Revathi		1
PED				Mr.V.Rajendran		1
SWAYAM				Class Coordinator		1
UHV				Dr.V.Sureshkumar		1
CLASS CO-ORDINATOR			NAME OF THE REPRESENTATIVES			ROLL NO
Dr.S.Revathi			S.SUJITHA, S.SIVANANTHAM			21EE19 21EE17
CLASS COMMITTEE CHAIR PERSON			Dr.R.Suresh			

DEPT. TTC 9/4/22
Dr.S.Udayakumar

HOD 9/4/22

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DEPARTMENT OF SCIENCE AND HUMANITIES
TIME TABLE (April' 2022 – July' 2022, EVEN SEM)
B.E. (Regulation 2021) – With Effect from 11.04.2022

Batch: 2021-2025										Strength: 43
Year: I		Semester: II			Branch: MECH		Class Room : 407			Block: IV
Session	1	2	10.55 am - 11.10 am	3	4	12.50 pm - 01.30 pm	5	6	03.10 pm - 03.25 pm	7
Day	09.15am - 10.05am	10.05am - 10.55am		11.10 am - 12.00 am	12.00am - 12.50pm		01.30pm - 02.20pm	02.20pm - 03.10pm		03.25pm - 04.15pm
MON	GE3251		BREAK	GE3251	MA3251	LUNCH BREAK	PH3251	HS3251	BREAK	BE3251
TUE	BE3271			BE3271			BE3251	MA3251		HS3251
WED	HS3251	MA3251		BE3251	PH3251		GE3251			GE3251
THU	MA3251	BE3251		PH3251	NET/LIB		MA3251	HS3251		PED
FRI	GE3271			GE3271			HS3251	BE3251		PH3251
SAT	BE3251	HS3251		MA3251	PH3251		TEST HOUR	UHV		SWAYAM

SUB CODE	NAME OF THE SUBJECT	CATEGORY	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/ WEEK
			TUTORIAL (T), ELECTIVE (E)			
HS3251	Professional English II	HSMC	4(T)	Mr.J.Radhakrishnan	ENGLISH	6
MA3251	Statistics and Numerical Methods	BSC	4(T)	Dr.S.Geetha	MATHS	6
PH3251	Materials Science	BSC	3	Mr.S.Ambalatharasu	PHYSICS	5
BE3251	BEEE	ESC	3	Mrs.U.Jeyamalar	ECE	6
GE3251	Engineering Graphics	ESC	4	Mr.V.Aravind	MECH	6
			PRACTICAL(P)			
GE3271	Engineering Practices Lab	ESC	2	Mrs.U.Jeyamalar Mr.V.Aravind	ECE MECH	4
BE3271	BEEE Laboratory	ESC	2	Mr.W.Newtondavid Raj Mr.S.Ramarajan	ECE	4
			VALUE ADDED INITIATIVES (VAI)			
	NET LAB / LIBRARY			Mr.J.Radhakrishnan / Mr.S.Ambalatharasu		1
	PED			Mr.V.Rajendran		1
	SWAYAM			Class Coordinator		1
	UHV			Dr.V.Sureshkumar		1
	TEST HOUR			Respective Subject Incharges		1
CLASS CO-ORDINATOR				NAME OF THE REPRESENTATIVES		ROLL NO
Mr.S.Ambalatharasu				P.AKASH, V.HARIRAJ		21ME01 21ME10
CLASS COMMITTEE CHAIR PERSON				Mrs.T.Gnanajeya		

DEPT. TTC 9/4/22
Dr.S.Udayakumar

HOD 9/4/22

PRINCIPAL 09/4/2022

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Department of Science and Humanities

Academic Year 2021-2022

Universal Human Values

Resource Person Details

S.No	Name of the Staff	Designation & Affiliation	Class Taught
1	Dr.V.Sureshkumar	Asso.Prof / Chemistry, Kings College of Engineering	I MECH I EEE
2	Dr.S.Udayakumar	AP/ Chemistry, Kings College of Engineering	I ECE I CIVIL
3	Dr.P.Saravanan	AP/ Chemistry, Kings College of Engineering	I CSE

UHV Coordinator

Principal
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Kings College of Engineering,
PUNALKULAM - 613 303.

HoD / S&H

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Punalkulam, Thanjavur.
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ISO 9001 : 2008

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ISO 9001

Attendance and Assessment Record

Name of the Staff   : Dr. S. UDAYAKUMAR

Department   : CHEMISTRY

Subject Code & Name   : UHV

Branch   : CIVIL

Semester   : II

HoD / S&H

J. ......

Principal
PRINCIPAL
Kings College of Engineering.
PUNALKULAM - 613 303.

Attendance and Assessment Record

Name of the Staff : Dr. S. Udayakumar Dept Chemistry

Name of the Subject : UHV Code —

Branch Civil

Semester II Year I

Date of Commencement : 04.04.22 Last Working Day 4.7.22

Details	Sessions Planned	Sessions Handled	% of Portions covered	Sign. of HOD
End of the First Month	12	12	40	
End of the Second Month	16	16	53	
End of the Third Month	18	18	60	
End of the Fourth Month	30	30	100	30/7/22

J. ____ 30/7/2022

PRINCIPAL

1

Attendance Particulars

Roll No.	Name	9	10	10	11	12	13	15	16	17	17
		11	11	11	11	11	11	11	11	11	11
	Period	4	3	4	6	5	6	5	6	3	4
1	AKALYA .T	/	/	/	/	/	/	/		A	A
2	ANITHA .B	/	/	/	/	/	A	/	/		
3	ARULPANDIAN .A	/		/	/	/	/	/	/	/	
4	ARUNKUMAR .M	/		/	/	/	/	/	/		/
5	HALITH A.M	A	/	/	A	A	/	/	/		/
6	MADHAN D.S	A	/	/	/	/	/	/	/		/
7	MANIKKARAJ .R	/	/	/	/	/	/	/	/		
8	MATHANKUMAR .S	/	/	/	/	/	/	A	/		
9	MOHAN .S	/	/	/	/	/	/	/	A	A	
10	NAVINIYAA G.V	/	/	/	/	/	/	/	/		
11	NITHISHKUMAR J.S	/	/	/	/	/	/	/	/		/
12	PASHAGON .G	/	/	/	/	/	/	/	/		/
13	PRAGADICH .M	/	/	/	/	/	/	/	/		/
14	PRASANNA .R	/	/	/	/	/	/	/	/		
15	SARAVANAN .K	/	/	/	/	/	/	/	/		
16	SURYA .V	/	/	/	/	/	/	/	/		
17	TAMILARASAN .J	/	/	/	/	/	/	/	/		
18	VENKATACHALAM .D	/	/	/	/	/	/	/		/	
19	VIJAY .S	/	/	/	/	/	/	/	/		
20											
21											
22											
23		17	19	19	19	18	18	18	18	17	17
24		02	—	—	—	01	01	01	01	02	02
25											

Roll No.	8	18	6	9	23	4	11	24	24	24
	11	11	4	4	4	6	6	6	6	6
	5	6	5	1	5	6	6	1	2	2
1	/	/	/	/	/	/	/		/	/
2	/	/	/	/	/	/	/	/	/	/
3	/	/	/	A	A	/	/	/	/	/
4	/	A	/	A	/	/	/	/	/	/
5	/	/	A	A	A	A	A	/	/	/
6	/	/	A	/	A	/	/	/	/	/
7	/	/	/	/	A	A	/	/	/	/
8	/	/	/	/	A	A	A	/	/	/
9	/	/	/	A	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/
11	/	/	A	A	A	A	/	/	/	/
12	/	/	A	A	A	A	/	/	/	/
13	/	/	A	/	A	/	/	/	/	/
14	/	/	/	A	A	/	/	/	/	/
15	/	/	/	A	A	A	/	/	/	/
16	/	/	/	/	/	/	/	/	/	/
17	/	/	/	/	/	/	/	/	/	/
18	/	/	A	/	/	/	/	/	/	/
19	/	/	/	/	A	/	/	/	/	/
20										
21										
22										
23	19	19	12	13	11	8	15	19	19	4
24	06	7	07	06	08	11	04	—	—	—
25										

Test | | Date

	AT-1	AT-II	AT-III				Cost of Attendance
							93.2
							96.7
							93.2
							93.2
							73.3
							90.0
							93.2
							73.3
							80.0
							100
							73.3
							86.7
							80.0
							90.0
							86.7
							100
							100
							96.7
							96.7

HoD / S&H

J. moulton
Principal
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Kings College of Engineering,
PUNALKULAM - 613 303.

Unit No.	Date	RECORD OF CLASS WORK TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INITIAL
	9/11/21	Purpose and motivation for the	4	1		
	10/11/21	Course, recapitulation from UHV	3	2		
	10/11/21	Self-exploration - content, Process	4	3		
	12/11/21	Natural acceptance - Process	5	4		
	12/11/21	Continuous happiness and	5	5		
		Prosperity - a look at				
		Basic human aspirations				
	12/11/21	Right understanding, relationship	6	6		
	15/11/21	and Physical facility	5	7		
	16/11/21	Understanding happiness	6	8		
	17/11/21	and Prosperity - appraisal	3	9		
		of the current scenario				
	17/11/21	fulfilment of human aspiration	4	10		
	18/11/21	understanding and living in	5	11		
		harmony at various level				
	18/4/22	understanding the needs of	6	12		
	6/4/22	Self(I) and body - happiness	5	13		
	9/4/22	and Physical facility	1	14		
	24/4/22	Understanding the body	1	15		
	24/6/21	as an Instrument of I	2	16		

Hours Planned: Hours Handled:

26

Unit No.	Date	RECORD OF CLASS WORK TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INITIAL
	24/6/22	Understanding the	3	17		
	24/6/22	Characteristics and	4	18		
		activities of I and				
		harmony in I				
	30/6/22	understanding the harmony	1	19		
	30/6/22	of I with the Body -	2	20		
		Sanyam health, correct				
		appraisal of Physical				
		needs, meaning of				
		Prosperity in detail				
	30/6/22	Programmes to ensure	3	21		
	30/6/22	Sanyam and health	4	22		
	2/7/22	Understanding the meaning	1	23		
	2/7/22	of Trust, difference	2	24		
		between Intention and				
		competence				
	2/7/22	understanding the	3	25		
	2/7/22	harmony in the	4	26		
		society				
	23/4/22	Holistic Perception	5	27		

Hours Planned: Hours Handled:

26   27

HoD / S&H

J. mouthu...
Principal
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PUNALKULAM - 613 303.

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Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	4/6/22	of harmony at all levels of existence	6	28		
	17/6/22	Natural acceptance	6	29		
	2/7/22	of human values.	5	32		
		Completed				
		30/7/22				
		Verified				
		30/7/22				
		J. Moorthi 30/7/2022				

Hours Planned: 30   Hours Handled: 30

28

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL

Hours Planned;   Hours Handled:

29

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J. Moorthi
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CERT ISO 9001 : 2008

[Attendance and Assessment Record]

Name of the Staff : Dr. P. Saravanan

Department : Chemistry (S&H)

Subject Code & Name : U H V

Branch : I CSE

Semester : ODD / Even.

HoD / S&H

Attendance and Assessment Record

Name of the Staff : Dr. P. Saravanan Dept Chemistry

Name of the Subject : UHV Code —

Branch : I CSE

Semester : I & II Year 2021-22

Date of Commencement : 22.11.21 Last Working Day 14.7.2022

Details	Sessions Planned	Sessions Handled	% of Portions covered	Sign. of HOD
End of the First Month	12	12	40	✓
End of the Second Month	16	16	53	✓
End of the Third Month	18	18	60	✓
End of the Fourth Month	30	30	100	✓ 30/7/22

J. ഗ്ഗ്സ്
30/7/2022

PRINCIPAL

1

Roll No.	Name		Date: 9	9	11	12	16	16	16	16	17	17
			Month: 11	11	11	11	11	4	11	11	11	11
			Period: 3	4	5	6	1	2	3	4	1	3
1	AAKASH	S	/	/	/	/	/		/			/
2	AANDAL	SA	/	/	/	/	/	/	/	/		/
3	AARTHI	S	/	/	/	/	/		/			
4	ANEES PRIYANKA	V	/	/	/	/	/	/	/	/		/
5	ARAVIND	S	/	/	/	/	/	/	/	/		/
6	ARUL	B	/	/	/	/	/	/	/			/
7	ASHOK KUMAR	K	/	/	/	/	/	/	/	/		
8	ASMA	S	/	/	/	/	/	/	/			
9	BHARATHI	PA	/	/	/	/	/	/	/			
10	DEEPA	K	/	/	/	/	/		/			
11	DHANUSHRAJ	D	/	/	/	a	/	/	/	/		/
12	DHARANI	R	/	/	/	/	/	/	/	/		/
13	DHEYADHARSHINI	M	/	/	/	a	/	/	/	/		/
14	GAYATHIRI	S	/	/	/	/	/	/	/	/		/
15	GOWRISHANGARI	R		/	/	a	/	/	/			/
16	HARIHARAN	K	/	/	/	/	/	/	/	/		/
17	HARITHARAN	S	/	/	/	/	/	/	/	/		/
18	HARINI	V	a	a	/	/	/	/	/	/		/
19	HARI PRASATH	S	/	/	/	/	/	/	/	/		/
20	INDRANI	M	/	/	/	/	a	a	a	a	a	a
21	JANARTHANAN	P	/	/	/	/	/	/	/	/		/
22	TEEVA	R	/	/	/	/	/	/	/	/		/
23	JEEVESH	PS	/	/	/	/	/	/	/	/		/
24	JOHARA KANT	S	/	/	/	/	/	/	/	/		/
25	KARTHIK	V	/	/	/	/	/	/	/	/		/

2

Roll No.	17	12	20	22	24	11	25	8
	11	11	4	4	4	5	5	6
	4	5	7	5	3	3	3	3
1	/	/	/	/	a	/	/	a
2	/	a	a	/	/	a	/	/
3	/	/	/	/	/	/	/	/
4	/	/	/	/	/	a	/	/
5	/	/	/	/	a	/	a	a
6	/	/	a	/	a	a	/	/
7	/	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/
9	/	/	/	/	a	/	/	/
10	/	/	a	/	/	/	/	/
11	/	/	a	/	/	/	/	/
12	/	/	/	/	/	/	/	/
13	/	/	/	/	/	/	/	/
14	/	/	/	a	/	/	a	/
15	/	/	/	/	/	/	/	/
16	/	/	/	a	/	/	/	/
17	/	/	/	/	/	a	a	/
18	/	a	/	/	/	/	/	a
19	/	/	/	/	/	/	/	/
20	a	/	/	/	a	/	/	/
21	/	/	a	a	/	/	a	/	a
22	/	/	a	/	/	/	(/)	a
23	/	/	/	/	/	/	/	/
24	/	/	/	/	a	/	a	/
25	/	/	/	/	/	/	/	a

3

	Test						
		AT-III					Over all Attendance
				Date			
							NO
							28 93.3
							23 76.6
							30 100
							24 80
							26 86.6
							26 86.6
							21 70
							30 100
							29 96.6
							29 96.6
							27 90
							30 100
							29 96.6
							28 93.3
							29 96.6
							29 96.6
							28 93.3
							25 83.3
							30 100
							22 73.3
							26 86.6
							28 93.3
							30 100
							28 93.3
							29 96.6

Principal
PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303.

Attendance Particulars

Roll No.	Name		Date	9	9	11	12	16	16	16	16	17	17	17	24	20	22	4	11	25	1	8			Over all Attendance
			Month	11	11	11	11	11	11	11	11	4	4	11	11	4	4	5	5	5	6	6			
			Period	3	4	5	6	1	2	3	4	1	3	4	5	7	5	3	2	3	3	3			
26	KEERTHANA	J		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
27	KUMARESAN	KP		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
28	MAHESHWARI	D		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/			
29	MANI BHARATHI	VS		/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/			NO 123
30	MANOJ	M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/			30 100
31	MATHESH KRISHNAN	M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/			30 100
32	MOHAMED ASICK	A		/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/			28 93.3
33	MOHAMED GANI	M		/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/			29 96.6
34	MOHAMED ALI	K		/	/	/	/	/	/	/	/	/	/	/	/	a	/	a	a	/	/	/			29 96.6
35	MONESHWARAN	S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			29 96.6
36	MURUGANANTHAM	P		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			29 96.6
37	MURUGESHWARI	A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/			27 90
38	NANDHAKUMAR	P		/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/			30 100
39	NAVEEN	G		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			30 100
40	NITHYASHRI	BM		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a			29 96.6
41	NOORA	KM		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			29 96.6
42	PRAGATHI	V		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			30 100
43	PRAKASH	M		/	/	/	/	/	/	/	/	/	/	/	a	/	a	a	/	/	a	/			30 100
44	PRASANA	R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			26 86.6
45	RAHUL	S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			30 100
46	ROOBIGA	R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			30 100
47	ROOHI SHIFA	M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			30 100
48	SARAVANAN	K		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			30 100
49	SATHYA	A		/	/	/	/	a	/	/	/	/	/	/	a	a	/	/	/	/	/	/			27 90
50	SHALINI	K		/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			29 96.6

10   11

Test

Date

HoD / S&H

Principal
PRINCIPAL
Kings College of Engineering.
PUNALKULAM - 613 303.

Attendance Particulars

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Roll No.	Name		Date: 9	9	11	12	16	16	16	16	17	12
			Month: 11	11	11	11	11	11	11	4	11	11
			Period: 3	4	5	6	1	2	3	4	?	3
51	.SHARMIKA	R	/		/	/	a	a	a	a		/
52	.SHASHANK	S	/	/	/	/	/	/	/	/	/	/
53	SIVADHARANI	M	/	/	/	/	/	/	/	/	/	/
54	SOWMIYA	P.J	/	/	/	/	/	/	/	/	/	/
55	SRIRAM	R	/	/	/	/	/	/	/	/	/	/
56	SUJITH	V	/	/	a	/	/	/	/	/	/	/
57	.SURENDRAN	V	/	/	/	/	a	a	a	a	/	/
58	VASANTHKUMAR	K	a	a	,	a	/	/	/	/	/	/
59	VENKATESH	B	/	/	/	/	/	/	/	/	/	/
60	VISHAL	K	/	/	/	a	a	a	a	a	a	/
61												
62												
63												
64												
65												
66												
67												
68												
69												
70												
71												
72												
73												
74												
75												
	Present		57	57	60	53	55	55	55	53	58	58
	Absent		3	3	-	7	5	5	5	2	2	
	Staff Signature											

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Roll No.	Date: 17	18	20	27	4	11	20	1	6
	11	11	4	4	4	5	5	5	6
	3	5	7	5	3	3	1	1	1
51	/	/	/	/	/	/	/	/	/
52	/	/	/	a	/	/	/	/	/
53	/	/	/	/	/	/	a	a	a
54	/	/	/	/	/	/	/	/	/
55	/	/	/	a	/	/	/	/	/
56	/	/	/	/	/	/	/	/	/
57	/	/	a	/	/	/	/	/	/
58	/	/	a	/	/	/	/	a	/
59	/	/	/	/	/	/	/	/	/
60	a	/	/	/	/	/	/	a	/
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
Pr	58	60	50	51	52	52	55	51	52
Ab	2	-	10	9	8	8	5	9	8
Sig.									

Test

AT-III						Over & Revenue
		Date				

Date	
	NO
	24 80
	27 90
	17 56
	30 80
	29 76
	25 83·3
	24 80
	27 90
	20 10
	22 93

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PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303.

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	9.11.21	Purpose and motivation.	3	1		
	9.11.21	of the course recapitulation from UHV I	A	2		
	11.11.21	Self exploration	5	3		
	12.11.21	what is it? Its content and Process, Natural Acceptance!	6	4		
	16.11.21	Continuous Happiness	1	5		
	16.11.21	and Prosperity	2	6		
	16.11.21	Right understanding	3	7		
	16.11.21	Relationship and Physical facility	A	8		
	17.11.21	Understanding happiness	1	9		
	17.11.21	and Prosperity correctly.	3	10		

Hours Planned: 10   Hours Handled: 10

26

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	17.11.21	Method to fulfill the	A	11		
	18.11.21	above human aspirations.	5	12		
	4.4.22	Understanding the needs of self.	7	13		
	20.4.22	and body.	5	14		
	27.4.22	Understanding the body as an	3	15		
	4.5.22	Instrument of 'I'	3	16		
	11.5.22	Understanding the Harmony of I with body	3	17		
	25.5.22	body	3	18		
	1.6.22	Program to ensure	3	19		
	3.6.22	Sanyam and Health..	3	20		

Hours Planned: 10   Hours Handled: 10

27

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	15.7.22	Understanding the	3	21		
	13.7.22	Meaning of Trust	1	22		
	13.7.22	Understanding the	2	23		
	13.7.22	harmony in the Society.	3	24		
	13.7.22	Holistic Perception	4	25		
	13.7.22	of harmony at all	5	26		
		levels of existence				
	14.7.22	Natural acceptance	1	27		
	14.7.22	of human values.	2	28		
	14.7.22	Understanding the	3	29		
		Characteristics and				
	14.7.22	activities of 'I' and	4	30		
		Harmony in 'I'				
		Verified		J. 30/7/22		

Hours Planned: 30 completed 29/7/22 30/7/22 Hours Handled: 30.

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL

Hours Planned: Hours Handled:

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Kings College of Engineering,
PUNALKULAM - 613 303.

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KINGS
COLLEGE OF ENGINEERING
Punalkulam, Thanjavur.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

ISO 9001 : 2008

Attendance and Assessment Record

Name of the Staff : Dr. S. UDAYAKUMAR

Department : CHEMISTRY

Subject Code & Name : UHV

Branch : I ECE

Semester : II

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Kings College of Engineering,
PUNALKULAM - 613 303.

Attendance and Assessment Record

Name of the Staff : Dr. S. Udayakumar Dept. Chemistry

Name of the Subject : UHV   Code _____

Branch : I ECE

Semester : II   Year I

Date of Commencement : 04.04.22   Last Working Day : 7.7.22

Details	Sessions Planned	Sessions Handled	% of Portions covered	Sign. of HOD
End of the First Month	12	12	40	
End of the Second Month	16	16	53	
End of the Third Month	18	18	60	
End of the Fourth Month	30	30	100	30/7/22

J. _____ 30/7/2022

PRINCIPAL

Attendance Particulars

Roll No.	Name	Date: 9	10	11	11	12	12	15	15	16	17
		Month: 11	11	11	11	11	11	11	11	11	11
		Period: 5	4	5	6	5	6	5	5	5	3
1	ABINASH .A	/	/	/	/	a	a	/	/	/	/
2	ARINITHA .M	/	/	/	/	/	/	/	/	a	/
3	AJAY BALAGAN .K	a	/	/	/	/	/	/	/	/	/
4	ARIVAZHAGAN .G	/	/	/	/	/	/	/	/	a	/
5	ARUN .S	/	/	/	/	/	/	/	/	/	/
6	ASWINI .R	/	/	/	/	/	/	/	/	/	/
7	DHARSHINI .K	a	/	/	/	/	a	a	/	a	/
8	DINESH KUMAR .K	a	/	/	/	/	/	/	a	/	/
9	EWIYARASI .P	/	/	/	/	/	/	/	/	/	/
10	GAYATHRI .S	/	/	/	/	/	/	/	/	a	/
11	SOWSIKA .M	/	/	/	/	/	/	/	/	/	/
12	HARIHARAN .A	/	/	/	/	/	/	/	/	/	/
13	HARINI LAKSHIMI .V	/	/	/	/	/	/	/	/	/	/
14	JANARTHANAN .V	/	/	/	/	/	/	/	/	/	/
15	JAYAPRASAD .P	/	/	/	/	/	/	/	/	/	/
16	KALAISELVI .S	/	/	/	/	/	/	/	/	/	/
17	KAUSHIKA CHAND .S	/	/	/	/	/	/	/	/	/	a
18	KEERTHIKA .P	/	/	/	/	/	/	/	/	/	a
19	KEVAN JOANS	/	/	/	/	/	/	/	/	/	/
20	KRISHNAMOORTHY .V	/	/	/	/	/	/	/	/	/	/
21	MADHESWARAN .K	a	/	/	/	/	/	/	/	/	/
22	MADHUMITHA .S	a	/	/	/	a	a	/	/	/	/
23	MAHESWARAN .D	/	/	/	/	/	/	/	/	/	a
24	MANIKANDAN .S	/	/	/	/	/	/	/	/	/	/
25	MANOJ .L	/	/	/	/	/	/	/	/	/	/

Roll No.	Date: 18	18	8	12	19	24	24	1	9	5
	Month: 11	11	4	4	4	5	6	7		
	5	6	3	7	7	7	6	5	4	
1	/	/	/	/	/	/	/	a	/	
2	/	/	/	/	a	/	/	/	/	
3	/	a	/	/	a	/	/	/	/	
4	/	/	/	a	/	/	/	a	/	
5	/	/	/	/	/	/	/	/	/	
6	/	/	/	/	a	/	/	/	/	
7	/	/	/	/	/	/	/	/	/	
8	/	/	/	a	/	/	/	/	/	
9	/	/	/	/	/	/	/	/	/	
10	/	/	/	/	/	/	/	/	/	
11	/	/	/	/	/	/	/	/	/	
12	/	/	/	/	/	/	a	/	/	
13	/	/	/	/	/	/	a	/	/	
14	/	/	/	/	/	/	/	/	/	
15	/	/	/	/	/	a	/	a	/	
16	/	/	/	/	a	/	/	/	/	
17	/	/	/	/	/	/	/	/	/	
18	/	/	/	/	/	/	/	/	/	
19	/	/	/	/	/	/	/	/	/	
20	/	/	a	/	/	/	/	/	/	
21	/	/	/	/	a	/	a	/	/	
22	/	/	/	a	/	a	/	/	/	
23	/	/	/	/	/	/	/	/	/	
24	/	/	/	/	/	/	a	/	/	
25	/	/	/	/	/	/	a	/	/	

	Test							% of Attendance
	AT-I	AT-II	AT-III				Date	
								93.0
								92.2
								93.3
								95.0
								100
								96.7
								84.7
								90.3
								100
								96.7
								100
								96.7
								96.7
								100
								93.3
								96.7
								100
								96.7
								100
								96.7
								93.3
								93.3
								96.7
								96.7

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Principal
PRINCIPAL
Kings College of Engineering,
PUNALKULAM - 613 303.

Attendance Particulars

Roll No.	Name	Date → 9	10	11	11	12	12	5	5	6	7
		Month → 4	11	11	11	11	11	11	11	11	11
		Period → 3	4	5	6	5	6	5	6	5	3
26	MANOJ KUMAR .S	/	/	/	/	/	/	/	/	/	a
27	MOHAMMED YASEEN .M	/	/	/	/	/	/	/	/	/	/
28	MOHAMMED RISWAN .S	a	/	-	/	/	/	/	a	a	
29	MOSIKEERAN .P	/	/	/	/	/	/	/	/	/	
30	MUKILVANNAN .M	/	/	/	/	/	/	/	/	/	
31	NITHISH DEVI .K	a	/	/	/	/	/	/	/	/	
32	NITHISH .K	/	/	/	/	a	a	a	a	a	a
33	OVIYA .R	a	/	/	/	/	/	/	/	/	
34	PANDIMEENA .K	/	/	/	/	/	/	/	/	/	
35	DEALAINDEESHWARAN .P	/	/	/	/	/	/	/	/	/	
36	PRAKASH ANTONY .K	/	/	/	/	/	/	/	/	/	
37	PRAVEENKUMAR	/	/	/	/	/	/	/	/	/	
38	PRITHISH .M	/	/	/	/	a	a	/	/	/	
39	PUNNIYAMURTHY C.M	/	/	/	/	/	/	/	/	/	
40	RAJESHWARI .T	/	/	/	/	/	/	/	/	/	
41	RAJKUMAR .D	a	/	/	/	/	/	/	/	/	
42	RANI CHANDRA .V	/	/	/	/	/	/	/	/	/	
43	RANJITHKUMAR	a	/	/	/	/	/	/	/	/	
44	RENUGADEVI .S	/	/	/	/	/	/	/	/	/	
45	SABETHA .M	/	/	/	/	/	/	/	/	/	
46	SATHEEVAN .M	/	/	/	/	/	/	/	/	/	
47	SANJAY .K	/	/	/	/	/	/	/	/	/	
48	SARAVANAN .S	/	/	/	/	/	/	/	/	a	
49	SERAN .R	a	/	/	/	a	a	/	/	/	
50	SNEHARAJ	/	/	/	/	/	/	/	/	/	

Roll No. →	18	18	8	12	19	26	24	1	9	5
	11	1	4	4	4	4	5	6	6	7
	5	6	3	7	7	7	7	6	5	4
26	/	/	/	a	/	a	/	a	/	
27	/	/	/	/	/	/	/	/	/	
28	/	/	/	/	/	/	a	/	/	
29	/	/	/	/	/	/	/	/	/	86.7
30	/	/	/	/	/	/	/	/	/	100
31	/	a	/	/	/	/	/	/	/	86.6
32	/	/	/	/	/	/	/	/	/	100
33	/	a	/	/	/	/	a	/	/	100
34	/	/	a	/	/	/	/	/	/	96.7
35	/	/	/	/	/	/	/	/	/	93.3
36	/	/	a	/	/	a	/	/	/	96.7
37	/	/	/	/	/	/	/	/	/	100
38	/	/	/	/	/	/	a	/	/	93.3
39	/	/	/	/	/	/	/	/	/	100
40	/	/	/	/	a	/	/	/	/	96.7
41	/	/	a	/	/	a	a	a	/	100
42	/	/	/	/	/	/	/	/	/	91.7
43	/	/	a	/	a	a	a	a	/	83.3
44	/	/	/	/	/	/	/	/	/	100
45	/	/	/	/	/	/	/	/	/	80.0
46	/	/	/	/	/	/	/	/	/	100
47	/	/	/	/	/	/	/	/	/	100
48	/	/	/	a	/	/	/	a	/	100
49	/	/	a	/	/	/	/	/	/	90.0
50	/	/	/	/	/	/	/	/	/	90.0

	Test							Over all Attendance
	AT-I	AT-II	AT-III					
				Date				

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Attendance Particulars

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Roll No.	Name	Date	9	10	11	11	12	12	13	13	16	17
		Month	11	11	11	11	11	11	11	11	11	11
		Period	3	4	5	6	5	7	5	5	5	3
51	SOMASUNDARAM .S		/	/	/	/	/	/	/	/	/	/
52	SOMESHWARAN .T		/	/	/	/	/	/	/	/	/	/
53	SUDHARSAN .P		/	/	/	/	/	/	/	/	/	/
54	SWJITHRA .T		a	/	/	/	/	/	/	/	/	/
55	SURYAPRAKASH .M		/	/	/	/	a	a	/	/	a	/
56	SWATHI .V		/	/	/	/	/	/	a	a	a	/
57	THIRUMTHI .K		/	/	/	/	/	/	/	/	/	/
58	VADIVU .G		/	/	/	/	/	/	/	/	/	/
59	VASIKARAN .C		/	/	/	/	/	/	/	/	/	/
60	VASUDEVAKRISHNAN		a	/	/	/	a	a	/	/	/	/
61	VIJAYADHARSHINI.J		/	/	/	/	/	/	/	/	/	/
62	YAMUNA .D		/	/	/	/	/	/	/	/	/	/
63	YUVARAJ .R		/	/	/	/	/	/	/	/	/	/
64												
65												
66												
67												
68												
69												
70												
71												
72												
73												
74												
75												
		Present	55	63	63	63	55	55	60	60	55	55
		Absent	8	-	-	8	8	03	03	08	08	
		Staff Signature										

18

Page 19

Roll No.	8	18	8	12	19	20	21	1	9	5
	11	11	4	4	4	4	5	6	6	7
	5	6	3	7	7	7	7	6	5	4
51	/	/	/	/	/	/	/	/	/	/
52	/	/	/	/	/	/	/	/	/	/
53	/	/	/	/	/	/	/	/	a	/
54	/	a	a	a	/	/	a	/	/	/
55	/	/	a	/	/	/	/	/	/	/
56	/	/	/	/	/	/	/	a	/	/
57	/	/	/	/	/	/	a	/	/	/
58	/	/	/	/	/	/	/	/	/	/
59	/	/	/	/	/	/	/	/	/	/
60	/	a	/	/	/	/	/	/	/	/
61	/	/	/	/	/	/	/	/	/	/
62	/	/	/	/	/	a	/	/	/	/
63	/	/	/	/	/	/	a	/	/	/
64										
65										
66										
67										
68										
69										
70										
71										
72										
73										
74										
75										
Pr	63	63	55	57	61	55	60	54	5	63
Ab	-	/	08	09	02	08	03	09	2	
Sig.										

19

Test / Date (right section)

AT-I	AT-II	AT-III			Over all Attendance
					100
					100
					96.7
					83.3
					86.7
					90.0
					96.7
					100
					100
					86.7
					100
					96.7
					96.7

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RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
UHV – Module	9/11/21	Purpose and motivation for the	5	1	b	
	10/11/21	course, recapitulation from UHV	4	2	b	
	11/11/21	Self-exploration – content, process	5	3	b	
	11/11/21	Natural acceptance. Process	6	4	b	
	12/11/21	Continuous happiness and	5	5	b	
		Prosperity – a look at Basic human	6	6	b	
		aspirations				
	15/11/21	Right understanding, relationship	5	7	b	
	15/11/21	and Physical facility	6	8	b	
	16/11/21	understanding happiness	5	9	b	
	17/11/21	and Prosperity – appraisal	3	10	b	
		of the current scenario				
	18/11/21	Fulfilment of human aspiration	5	11	b	
	18/11/21	understanding and living with	6	12	b	
		harmony at various levels				
	8/4/22	understanding the needs of	3	13	b	9/4
	12/4/22	Self (I) and Body – happiness	7	14	b	
		and Physical facility.				
	19/4/22	understanding the body	7	15	b	
	20/6/22	as an instrument of I	7	16	b	

Hours Planned: Hours Handled:

26

RECORD OF CLASS WORK

Unit No.	Date	TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	26/4/22	understanding the characteristics	7	17	b	
	1/6/22	and activities of I	6	18	b	
		and harmony in I				
	9/6/22	understanding the harmony	5	19	b	
	5/7/22	of I with the body?	4	20	b	
		Sanyam and health				
	5/7/22	Programms to ensure	5	21	b	
	5/7/22	Sanyam and health	6	22	b	
	5/7/22	understanding the harmony	7	23	b	
	5/7/22	of Trust, difference	8	24	b	
		between Intention and				
		competence				
	6/7/22	understanding the harmony	4	25	b	
	6/7/22	in the society	5	26	b	
	6/7/22	Holistic perception	6	27	b	
	6/7/22	of harmony at all	7	28	b	
		levels of existence				
	6/7/22	Natural acceptance	8	29	b	
	7/7/22	of human values	4	30	b	

Hours Planned: 30   completed 30/7/22 27   Modified 30/7/22

J. Mari...

Hours Handled: 30   30/7/22

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ISO 9001 : 2008

Attendance and Assessment Record

Name of the Staff   :   Dr. V. SURESHKUMAR

Department   :   S&H

Subject Code & Name   :   UHV

Branch   :   EEE

Semester   :   TWO

HoD / S&H

Attendance and Assessment Record

Name of the Staff : Dr. V. Suresh kumar   Dept ___ S & H ___

Name of the Subject : ___ UHV ___   Code _____

Branch ___ EEE ___

Semester ___ Two ___   Year ___ 2021-22 ___

Date of Commencement : 4/4/21   Last Working Day ___ 04/07/2022 ___

Details	Sessions Planned	Sessions Handled	% of Portions covered	Sign. of HOD
End of the First Month				
End of the Second Month				
End of the Third Month				
End of the Fourth Month	30	32	100%	08/4/2/22

J. _____
20/7/2022

PRINCIPAL

Attendance Particulars

Page 2

Roll No.	Name	9/9	11/11	11/11	12/11	15/11	15/11	16/11	16/11	16/11	16/11
		5	5	6	5	5	6	3	4	5	6
1	ABI BHARATHI - A	✓	✓	✓	✓	✓	✓	✓	✓		✓
2	AKASH - P	✓	✓	✓	✓	✓	✓	✓	✓		✓
3	ARAVINDHAN - R	✓	✓	✓	✓	✓	✓	✓	✓		✓
4	DHESINGH - J	✓	✓	✓	✓	✓	✓	✓	✓		
5	GAYATHRI.KC	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	GOKUL - M	✓	✓	✓	A	✓	✓	✓	✓		✓
7	GOPINATH - S	✓	✓	✓	✓	✓	✓	✓	✓		
8	HARISHMA - R	✓	✓	✓	✓	✓	✓	✓	✓		
9	JEGADEESAN - S	✓	✓	✓	✓	✓	✓	✓	✓		
10	KARTHIKEYAN - S	✓	✓	✓	✓	✓	✓	✓	✓		
11	MEENA - P	✓	✓	✓	✓	A	A	✓	✓	✓	
12	MILTON INFANT RAJ - P	✓	✓	✓	A	✓	✓	✓	✓		
13	PRAVEEN .V.C	✓	✓	✓	✓	✓	✓	✓	✓		
14	RUTHRAN . K	✓	✓	✓	✓	✓	✓	✓	✓		
15	SARAVANAKUMAR . M	✓	✓	✓	✓	✓	✓	✓	✓		
16	SHANMUGAESWARAN - S	✓	✓	✓	✓	✓	✓	✓	✓		
17	SIVANATHAM . S	✓	✓	✓	✓	✓	✓	✓	✓		
18	SIVANESAN - C	✓	✓	✓	✓	✓	✓	✓	✓		
19	SUJITHA S	✓	✓	✓	✓	✓	✓	✓	✓		
20	SURIYA - G	✓	✓	✓	A	✓	✓	✓	✓		
21	THAVATHEESH - S	A	✓	✓	✓	✓	✓	✓	✓		
22	THUSARI - S	✓	✓	✓	✓	✓	✓	✓	✓		✓
23	VAISHNAVI - N	✓	✓	✓	✓	✓	✓	✓	✓		✓
24	VIDHYA - M	✓	✓	✓	A	✓	✓	✓	✓		✓
25	VIJAY - V	✓	✓	✓	✓	✓	✓	✓	✓		✓

Page 3

Roll No.	18/11	18/11	24/4	23/4	4/6	11/6	30/6	33/6	34/6	30/6
	5	6	5	2	2	1	2	3	4	
1	✓	✓		✓	a	a	✓	✓	✓	✓
2	✓	✓	A	A	a	a	✓	✓	✓	✓
3	✓	✓	A	✓	✓	✓	✓	✓	✓	
4	✓	✓	✓	A	✓	✓	✓	✓	✓	
5	✓	✓	A	✓	✓	✓	✓	✓	✓	
6	✓	✓	✓	✓	✓	✓	✓	✓	✓	
7	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	✓	✓	✓	✓	✓	✓	✓	✓	✓	
10	✓	✓	✓	✓	✓	✓	✓	✓	✓	
11	✓	✓	✓	✓	a	✓	✓	✓	✓	
12	✓	✓	A	A	✓	✓	✓	✓	✓	
13	✓	✓	A	✓	a	a	✓	✓	✓	
14	✓	✓	✓	✓	✓	✓	✓	✓	✓	
15	✓	✓	✓	✓	a	✓	✓	✓	✓	
16	✓	✓	✓	✓	a	✓	✓	✓	✓	
17	✓	✓	✓	✓	✓	✓	✓	✓	✓	
18	✓	✓	✓	✓	a	✓	✓	✓	✓	
19	✓	✓	✓	✓	a	✓	✓	✓	✓	
20	✓	✓	✓	✓	a	a	✓	✓	✓	
21	✓	✓	A	A	✓	✓	✓	✓	✓	
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	L	✓	✓	✓	✓	✓	✓	✓	✓	
24	✓	✓	✓	✓	a	✓	✓	✓	✓	
25	✓	✓	✓	✓	✓	✓	✓	✓	✓	

	Test						Over all Attendance
AT-03							
Date							
							1
							93.7
							87.5
							96.5
							96.5
							96.5
							96.5
							100
							100
							100
							100
							100
							90.1
							90.1
							90.1
							100
							96.5
							96.5
							100
							96.5
							96.5
							90.6
							90.6
							100
							100
							93.7
							100

2   3

HoD / S&H

Left Page

Roll No	Name	Date	9	11	11	12	15	15	16	16	16	16
		Month	11	11	11	11	11	11	11	11	11	11
		Period	5	5	6	5	6	3	4	5	6	
26	VINOTH KUMAR·B		✓	/	/	/	A	A	/	/	/	
27	YOGESH·C		/	/	/	/	/	/	/	/	/	
28	YUVA RAJ·A		/	/	/	/	/	/	/	/	/	
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												
47		Absent	8			04	02					
48		HoD										
49												
50												

Right Page

Roll No	13	13	4	15	4	11	13	13	13
	11	11	4	11	6	6	6	6	6
	5	6	5	2	2	1	2	3	4
26	/	/	A	A	a	a	a	a	a
27	/	/	/	a	a	/	/	/	
28	/	/	/	6	/	/	/	/	
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47			8	5	11	8	1	1	1
48									
49									
50									

11

Right Panel

	Test			
Roll No	Date			

Unit No.	Date	RECORD OF CLASS WORK U H V TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INITIAL
①	9/11/21	Purpose and motivation for the course, recapitulation from UHV-I	5	1		
	11/11/21		5	2		
②	12/11/21	Self exploration	6	3		
	15/11/21	Natural acceptance, self exploration	5	4		
③	15/11/21	continuous Happiness and	5	5		
	15/11/21	Prosperity-Human aspiration	6	6		
④	16/11/21	Right understanding	3	7		
	16/11/21	Relationship & Physical facility	4	8		
⑤	16/11/21	Understanding Happiness	5	9		
	16/11/21	Prosperity correctly	6	10		
⑥	18/11/21	Understanding, and living	5	11		
	18/11/21	in harmony at various levels.	6	12		
7	4/4/22	Understanding the needs of self and body	5	13		
8	23/4/22	Understanding the body as an instrument		14		
	4/6/22	of 'I'	2	15		
9	11/6/22	'I' and harmony in 'I'	2	16		
10 11	28/6/22	Sanyam and Health.	1-4	20		
12	29/6/22	meaning of Trust. Harmony in society	5-8	24		
13	30/6/22	Holistic perception of harmony	1-4	28		

Hours Planned: Hours Handled:

26

Unit No.	Date	RECORD OF CLASS WORK TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INITIAL
	2/7/21	National acceptance of human values	1-4	32		

Verified

20/7/22

J. ...... 20/7/20..

Hours Planned: 30   Hours Handled: 32

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Punalkulam, Thanjavur.
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CERT
ISO 9001
ISO 9001 : 2008

Attendance and Assessment Record

Name of the Staff   :   Dr. V. SURESH KUMAR

Department   :   S & H

Subject Code & Name   :   UHV

Branch   :   MECH

Semester   :   TWO

HoD / S&H

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Attendance and Assessment Record

Name of the Staff : Dr. V. Sureshkumar Dept ____ S&H

Name of the Subject : UHV Code ____

Branch ____ MECH ____

Semester ____ TWO ____ Year ____ 2021-22 ____

Date of Commencement : 4/4/22 Last Working Day ____ 4/7/22 ____

Details	Sessions Planned	Sessions Handled	% of Portions covered	Sign. of HOD
End of the First Month				
End of the Second Month				
End of the Third Month				
End of the Fourth Month	30	32	100%	4/7/22

J. ____ 20/7/2022

PRINCIPAL

1

Attendance Particulars

Roll No.	Name	Date	9	9	11	15	15	15	16	16	17	19
		Month	11	11	11	11	11	11	11	11	11	14
		Period	1	2	5	1	2	3	1	2	1	2
1	Aakash.P		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Akilan.P		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Alex.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Anbarasan.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
5	Aswin kumar R		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Dhakshinamoorthi C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
7	Dhinakaran.P		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Dinesh K		A	A	✓	A	A	A	A	A	✓	✓
9	Elanthendral.R		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Hariraj.V		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Janam Pandian C		✓	✓	✓	✓	✓	✓	A	A	✓	✓
12	Joseph christober.M		A	A	✓	✓	✓	✓	✓	✓	✓	✓
13	Kalaimaran.S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Karthi G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Kariarasan.K		A	A	✓	✓	✓	✓	✓	✓	A	A
16	Kiveshwaran.V		✓	✓	✓	✓	✓	✓	✓	✓	✓	A
17	Madhan.R		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Manikandan.R		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	Manikandan.S 28/3/4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	Manikandan.S 17/4/04		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	Manikandan.U		✓	✓	A	A	A	A	✓	✓	✓	✓
22	Maniraj.D		A	A	✓	✓	✓	✓	A	A	A	A
23	Mathan M		✓	✓	✓	A	A	A	A	A	A	✓
24	Mokeshkumar.M		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	Mukeshkumar.R		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Roll No.	17	18	9	23	4	11	25	25	25	25
	11	11	4	4	6	6	6	6	6	6
	4	5	4	6	2	6	5	6	7	8
1	✓	✓	✓	✓	a	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	a	a	a	a	a	
3	✓	✓		✓	a	✓	✓	a	a	a
4	✓	✓	a	✓	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	✓	✓	a	a	✓	✓	✓	✓	✓	
7	✓	✓	✓	✓	✓	a	a	a	a	
8	✓	✓	a	✓	✓	✓	✓	✓	✓	
9	✓	✓	✓	✓	✓	a	✓	✓	✓	
10	✓	✓	a	✓	✓	a	a	a	a	
11	✓	✓	a	a	✓	✓	✓	✓	✓	
12	✓	✓	✓	✓	✓	✓	a	a	a	a
13	✓	✓	✓	✓	✓	✓	✓	✓	✓	
14	✓	✓	a	✓	✓	✓	✓	✓	✓	
15	A	A	G	a	✓	✓	✓	✓	✓	
16	✓	✓	a	a	✓	✓	✓	✓	✓	
17	✓	✓	a	✓	✓	✓	✓	✓	✓	
18	✓	✓	a	✓	✓	✓	✓	✓	✓	✓
19	✓	✓	✓	✓	✓	✓	✓	✓	✓	
20	✓	✓	✓	✓	a	✓	✓	✓	✓	
21	✓	✓	a	✓	✓	✓	a	a	a	
22	A	A	a	a	✓	a	a	a	a	a
23	A	A	a	a	a	a	a	a	a	a
24	✓	✓	a	✓	a	a	a	a	a	a
25	✓	✓	✓	✓	✓	✓	✓	✓	✓	

	Test					
AT-III						Over all Attendance
	Date					
						%
						96.3
						88.3
						84.3
						71.5
						75
						84.2
						84.3
						75
						96.8
						85.3
						75
						80.2
						100
						96.8
						62.5
						51.5
						96.8
						83.3
						100
						84.3
						71.8
						40.6
						12
						40.6
						100

2

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J. Marathu

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PUNALKULAM - 613 303.

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Attendance Particulars

Roll No.	Name	9/11/1	9/11/2	11/11/5	15/11/1	15/11/2	15/11/3	16/11/1	16/12/2	17/11/1	17/14/2
26	Niraivan·M	/	/	/	/	/	/	/	/	/	
27	Nirmal·D	/	/	/	/	/	/	/	/	/	/
28	Nithish kumar R	/	/	/	/	/	/	/	/	/	/
29	Nivaskhan·R	/	/	/	/	/	/	/	/	/	/
30	Perarivalan·R	/	/	/	A	A	A	/	/	/	/
31	Ponnarasan·S	/	/	/	/	/	/	/	/	/	/
32	Ragul·S	A	A	/	/	/	/	/	/	/	/
33	Rajeshkumar·R	/	/	/	/	/	/	/	/	/	/
34	Ribaydeen·R	/	/	/	/	/	/	/	/	/	/
35	Rishivaran·C	/	/	/	/	/	/	/	A	A	
36	Santhosh·R	/	/	/	/	/	/	/	/	/	
37	Satiish·K	/	/	/	/	/	/	/	/	/	
38	Selva·S	A	A	A	/	/	/	A	A	/	
39	Selvendran·S	A	A	/	/	/	/	/	A	A	
40	Siva·A	A	A	/	/	/	/	/	/	/	
41	Sridhar·S	/	/	/	A	A	A	/	/	/	
42	Suresh·K	/	/	/	A	A	A	/	/	/	
43	Veerakumar·R	/	/	/	/	/	/	/	/	/	
44											
45											
46											
	Absent	7	7	2	6	6	6	5	5	5	5
47	Staff	&	&	&	&	&	&	&	&	&	
48											
	HoD										
49											
50											

Roll No.	17/11/4	18/11/5	9/4/4	23/4/6	4/6/6	11/6/6	25/6/5	25/6/6	25/6/7	25/6/8
26	/	/	a	/	a	/	/	/	/	/
27	/	/	/	/	a	a	/	/	/	/
28	/	/	/	a	a	a	a	a	a	a
29	/	/	a	a	/	/	/	/	/	/
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39	A	/	/	/	/	/	/	/	/	
40	/	/	a	/	/	/	/	/	/	
41	/	/	a	a	/	a	a	a	a	a
42	/	/	/	/	/	/	/	/	/	
43	/	/	/	/	/	/	/	/	/	
44										
45										
46	5	3	15	12	10	10	12	14	14	14
47										
48										
49										
50										

Over all Attendance
%
96.3
93.7
78.1
93.5
90.1
84.3
90.1
96.8
93.7
56.2
100
100
75
87.5
91.5
59.3
90.1
87.5

Test

AT-III	Test				Over all Attendance
	Date				

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Unit No.	Date	RECORD OF CLASS WORK **UHV** TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	9/11/21	Purpose and motivation for	1	1	✓	
①	9/11/21	The cause, recapitulation from UHV-I	2	2	✓	
	11/11/21	self exploration	5	3	✓	
2	15/11/21	natural acceptance, self exploration	1	4	✓	
3	15/11/21	continous Happiness and	2	5	✓	
	15/11/21	Prosperity - Human aspiration	3	6	✓	
4	16/11/21	Right understanding	1	7	✓	
	16/11/21	Relationship & Physical facility	2	8	✓	✓
5	17/11/21	Understanding Happiness	1	9	✓	
	17/11/21	Prosperity correctly	2	10	✓	
6	17/11/21	Understanding and living	4	11	✓	
	18/11/21	in harmony at various levels	5	12	✓	
7	9/4/22	Understanding the needs of self and body	4	13	✓	✓ 9/4
8	23/4/22	understanding the body as an Instrument	4	14	✓	
9	4/6/22	'I' and harmony in 'I'	6	15	✓	
10	11/6/22	I with the body	6	16	✓	
11 12	25/6/22	programs to ensure sanyam and health, meaning of trust.	5-8	20	✓	
13 14	29/6/22	understanding the harmony in family, Holistic perception of harmony in society	5-8	24	✓	
15	1/7/22	Natural acceptance of human values	5-8	28	✓	

Hours Planned: 30   Hours Handled: 30

26

Unit No.	Date	RECORD OF CLASS WORK TOPICS COVERED	PERIOD	CUMULATIVE PERIOD	STAFF INITIAL	HOD INTIAL
	2/7/22	Over view	5-8	32	✓	✓

corrected

Verified

P.   20/7/22   J. _____ 20/7/22

Hours Planned: Hours Handled:

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ACADEMIC YEAR 2021-22

UHV Programme

Student Name: AKALYN-J

Department : CIVIL

Please give the rating for the following regarding student induction programme

S.No	Aspect	Your feedback (put ✓)				
		Strongly Agree	Agree	Disagree	Strongly disagree	No answer
	Overall feedback about the programme					
1	Topics covered were relevant and appropriate	✓				
2	Sessions were interesting	✓	✓			
3	Session duration was scheduled correctly		✓			
4	I have truly benefitted by attending this programme		✓			
5	I feel comfortable with the college ambience	✓				
6	I got opportunity to mingle and make new friends		✓			
7	Programme has helped to take my student role at kings	✓				
8	Feel motivated after attending this programme		✓			
9	I was given valuable inputs during this programme	✓				
10	Overall objective of the programme is met					
	Sessions Rating (Put✓)					
11	UHV					
Any suggestion						

J. Akalya
Student Signature

HoD / S&H

J. Mrouthu

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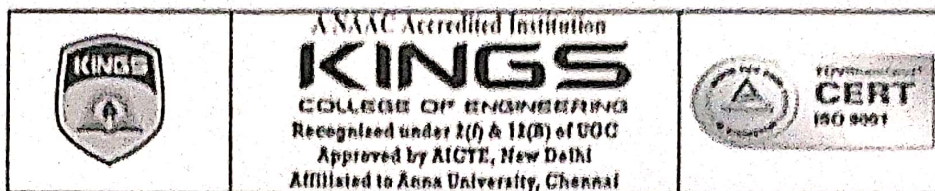
ACADEMIC YEAR 2021-22

UHV Programme

Student Name: Bharodhi-P.A

Department : CSE

Please give the rating for the following regarding student induction programme

S.No	Aspect	Your feedback (put ✓)				
		Strongly Agree	Agree	Disagree	Strongly disagree	No answer
	Overall feedback about the programme					
1	Topics covered were relevant and appropriate	✓				
2	Sessions were interesting		✓			
3	Session duration was scheduled correctly	✓				
4	I have truly benefitted by attending this programme		✓			
5	I feel comfortable with the college ambience	✓				
6	I got opportunity to mingle and make new friends		✓			
7	Programme has helped to take my student role at kings	✓				
8	Feel motivated after attending this programme		✓			
9	I was given valuable inputs during this programme	✓				
10	Overall objective of the programme is met		✓			
	Sessions Rating (Put✓)					
11	UHV					
Any suggestion						

Bharodhi P.V
Student Signature

J. mrouthuri

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DEPARTMENT OF SCIENCE AND HUMANITIES
ACADEMIC YEAR 2021-2022
UHV Course
Feedback Analysis

S.No	Questions	Total Strength	Strongly Agree	Agree	Disagree	Strongly disagree	No answer
1	Topics covered were relevant and appropriate	221	175	46			
2	Sessions were interesting	221	155	66			
3	Session duration was scheduled correctly	221	155	66			
4	I have truly benefitted by attending this programme	221	180	41			
5	I feel comfortable with the college ambience	221	152	69			
6	I got opportunity to mingle and make new friends	221	145	76			
7	Programme has helped to take my student role at kings	221	136	85			
8	Feel motivated after attending this programme	221	145	76			
9	I was given valuable inputs during this programme	221	190	31			
10	Overall objective of the programme is met	221	147	74			

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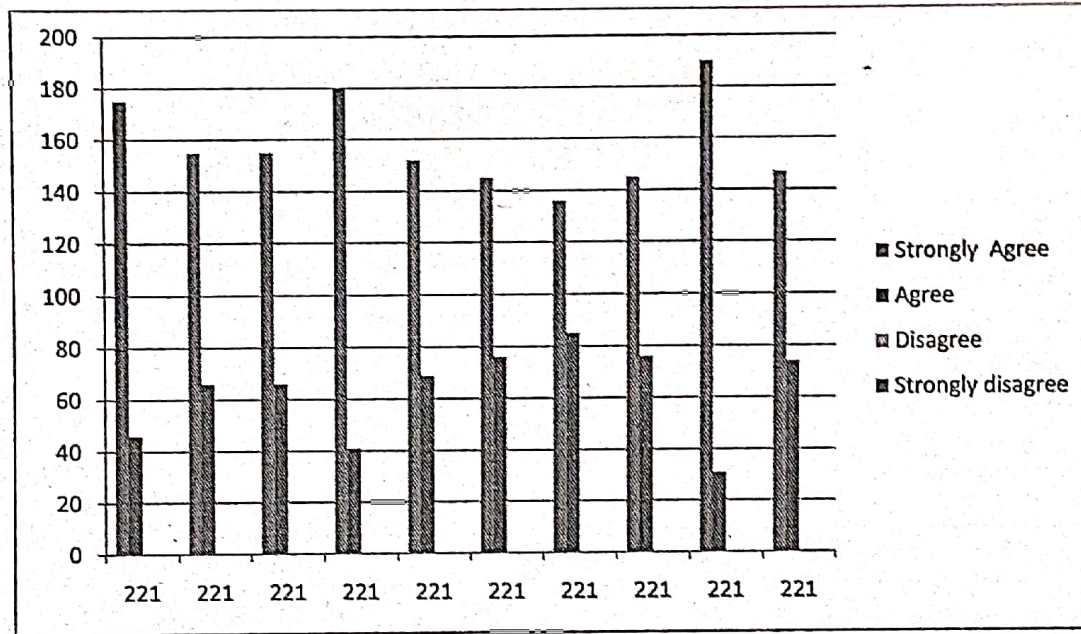
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Legend:
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

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Certificate

This is to certify that Mr. /Ms. **AKALYA J** of

CIVIL ENGINEERING

has actively participated in the programme on Universal Human Values between 09.11.2021 and 04.07.2022 organized by UHV Cell, Kings College of Engineering, Punalkulam.

COORDINATOR-UHV   **CONVENER**   **PRINCIPAL**

E-certificate signature is not required

Certificate

This is to certify that Mr. /Ms. _____ NAVEEN G _____ of

COMPUTER SCIENCE AND ENGINEERING

has actively participated in the programme on Universal Human Values between 09.11.2021 and 04.07.2022 organized by UHV Cell, Kings College of Engineering, Punalkulam.

COORDINATOR-UHV   **CONVENER**   **PRINCIPAL**

E-certificate signature is not required

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OUTCOME OF THE COURSE

By the end of the course, students are expected to become more aware of themselves, and their surroundings (family, society, nature); they would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind.

They would have better critical ability, also become sensitive to their commitment towards what they have understood (human values, human relationship and human society). It is hoped that they would be able to apply what they have learnt to their own self in different day-to-day settings in real life, at least a beginning would be made in this direction.

UHV Coordinator

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DEPARTMENT OF TRAINING AND PLACEMENT

ADD ON COURSE
ACADEMIC YEAR
2021 – 2022

DEPARTMENT OF TRAINING & PLACEMENT

ACADEMIC YEAR 2021 – 2022

ADD – ON PROGRAMME

SYLLABUS & COURSE PLAN

CONTENT

S.NO	PARTICULARS	REMARKS
1.	SYLLABUS & COURSE PLAN (SOFT SKILLS(SK) & APTITUDE(AP)) MODULE SK03 & SK04 & AP03, AP04 II, III & IV Years	II YEAR, III YEAR & IV YEAR

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DEPARTMENT OF TRAINING & PLACEMENT

SUBJECT: QUANTITATIVE APTITUDE - AP03

YEAR/SEMESTER: II/ III

PREPARED BY,

Ms.P.SUGANYA / AP

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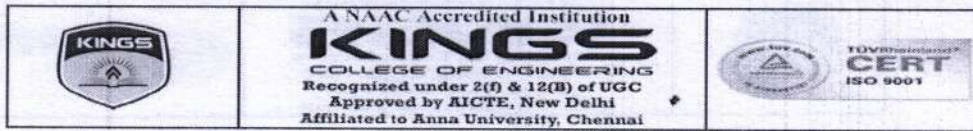
TRAINING MODULES

AP03-QUANTITATIVE APTITUDE – II YEAR (Third Semester)

Problems on Numbers – Definition – Types of numbers – Test of divisibility – Place and Face value problems 2

Simplification –BODMAS rule – Modular of a real number – Virnaculum 2

Permutation & Combination– Definition, Factorial notation and examples , Difference between Permutation and Combination – Number of combinations and its types of problems

2

Probability– Definitions and conditions of coins, dice, and cards, Sample space and Probability formulas – Problems of coins, dice, cards examples 2

Odd man out series – Concepts and conditions of odd man out series –types of odd man out series, number and alphabetical series 2

Total Periods: 10

P.

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DEPARTMENT OF TRAINING & PLACEMENT

Sub. Name	: Quantitative Aptitude	**Branch / Year / Sem**	: B.E (All Branch/II/III)
Staff Name	: Ms P.Suganya	**Batch**	: 2020-2024
		Academic Year	: 2021-22(ODD)

COURSE OBJECTIVE:

1. To learn the importance of quantitative aptitude to compete in the recruitment process.
2. To accomplish the knowledge on the basics of aptitude and solving methods.
3. To build skills to solve various problems using shortcut methods.
4. To expose the enabling methodologies in solving the aptitude.

TEXT BOOK:

T1. Quantitative Aptitude - R.S. Aggarwal – S. Chand Publications

T2. A Modern Approach to the verbal & Non – verbal reasoning – R.S. Aggarwal

WEB RESOURCES

W1. www.indiabix.com– Problems on Numbers
W2. www.indeed.com - Simplification, Permutation & Combination
W3. www.freshersworld.com - Probability
W4. www.testpot.com – Odd man out series
W5. www.math4.com

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
Problems on numbers						(2)
1.	Definition & Types of numbers	T1	1-2	BB/PPT	1	1
2.	Test of Divisibility	T1,W1	3-15	BB/PPT	1	2

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of numbers and test of divisibility
- Describe the conditions and its problems

Simplification						(2)
3.	BODMAS rule and problems solved	T1,W2	67-74	BB/PPT	1	3
4.	Modular of a real number	T1,W2	75-94	BB/PPT	1	4

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of BODMAS rule
- Describe Modular of a real number

Permutation and Combination						(2)
5.	Definition, Factorial notation and examples , Difference between Permutation and Combination	T1,W2	613 -615	BB/PPT	1	5
6.	Number of combinations and its types of problems	T1,W2	616 -620	BB/PPT	1	6

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of Permutation and combination
- Identify the difference between permutation and combination

Probability						(2)
7.	Definitions and conditions of coins, dice, and cards, Sample space and probability formulas	T1,W3	621 -623	BB/PPT	1	7
8.	Problems of coins, dice, cards examples	T1	624 -626	BB/PPT	1	8

LEARNING OUTCOME

At the end of unit, students should be able to
- Outline knowledge on Probability
- Explain the difference between Sample space, event ,probability

Odd man out series (2)

9.	Concepts and conditions of odd man out series	T1	649 -653	BB/PPT	1	9
10.	types of odd man out series, number and alphabetical series	T1,W4	654 - 657	BB/PPT	1	10

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe number series
- Identify alphabetical series

COURSE OUTCOME

At the end of the course, the students will be able to
- Analyze the concepts and formulae for various quantitative aptitude methods.
- Identify and apply the various shortcut methods to solve the problems in aptitude.
- Enough confidence and knowledge on approaching aptitude.

CONTENT BEYOND THE MODULES
1. Solving various Company Question papers.

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Prepared by
Ms. P. SUGANYA

16|8|21
Verified By
VP/HEAD
V/c

T. ௱௱௱௱ti.
16|8|2021
Approved by
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DEPARTMENT OF TRAINING AND PLACEMENT
SYLLABUS
SOFT SKILLS – II YEAR - SS03

Unit I Introduction to soft skills & hard skills   2
Need for Soft Skills – Employability Skills – Need for Observation – Positive Attitude-

Unit II Break the ice berg – FEAR
Overcoming Fear 5 Life changing keys to overcome FEAR – Anglophobias.

Unit III Self-Development   2
Introduction – Importance of knowing yourself and process SWOT Analysis and Benefits of SWOT Analysis

Unit IV Communication Skills   2
Introduction – Importance of communication, Effective communication for Engineers – ways to develop communication

Unit V Forming Values   2
Introduction-a core of values-values relating to education-values relating to self and others – values relating to civic responsibilities - formation of values and types of values.

Total Periods: 10

BOOK FOR REFERENCE:

Soft Skills – Know yourself and the world - Dr. K. Alex– S. Chand & Co Ltd.

I Just Love my Job – Roy Calvert, Brain Durkin Eugenio Grandi, Kevin- Quarto Library

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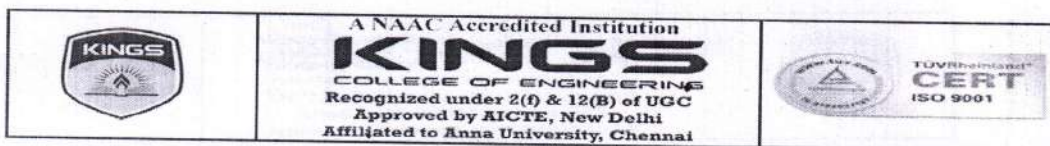
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COURSE PLAN

Sub. Name/Code: Soft Skills/SS03	**Branch/Year/Sem** : B.E (All Branch/II/III)
	Batch : 2019-2023
Staff Name: Mr. B. SureshBabu & Dr. K. Sudhakar	**Academic Year** : 2020-21(ODD)

COURSE OBJECTIVE:

1. To learn the importance of soft skills to compete in the recruitment process.
2. To accomplish the knowledge on the employability skills.
3. To build skills to face challenges in job market.
4. To expose the talents during employment.
5. To enhance the soft skills to meet challenges in employment.

BOOKS FOR REFERENCE:

T1. Soft Skills – Know yourself and the world - Dr. K. Alex– S. Chand & Co Ltd.
T2. I Just Love my Job – Roy Calvert, Brain Durkin Eugenio Grandi, Kevin- Quarto Library

WEB RESOURCES

W1. https:// www.wsd3.org/.../filedownload.ashx?...Employability%20Skills.ppt
W2. https://bemycareercoach.com/soft-skills/list-soft-skills.html
W3. https://www.sciencemag.org/careers/2016/02/how-fear-can-limit-your-career-potential
W4: https://ndl.iitkgp.ac.in

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
INTRODUCTION TO SOFT SKILLS & HARD SKILLS						**(2)**
1.	Need for Soft Skills, Employability Skills	T1 W1,	1-12	PPT, BB & intensive class room exercise	1	1
2.	Need for Observation Positive Attitude	W2 T1	--- 19-31	BB & intensive class room exercise	1	2

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the need for soft skills.
- Understand the importance of positive attitude.

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
BREAK THE ICE BERG – FEAR						**(2)**
3.	Overcoming Fear 5 Life changing keys to overcome FEAR	T1 W3	100-102	PPT, BB & intensive class room exercise/ Mgmt games	1	3
4.	Anglophobias	W3	---	BB& intensive class room exercise	1	4

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand various concepts of phobias.
- Identify the keys to overcome fear.

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
SELF DEVELOPMENT						**(2)**
5.	Introduction – Importance of knowing yourself and process	T1, T2 T1	164-165 33,179-185 164-168	PPT, BB & intensive class room exercise	1	5
6.	SWOT Analysis and Benefits of SWOT Analysis	T1	169-179	BB & intensive class room exercise	1	6

LEARNING OUTCOME

At the end of unit, students should be able to
- Learn about themselves
- Analyze and know their strengths and weaknesses

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
RESUME BUILDING						**(2)**
7.	Difference between Bio – data, CV, Resume	T1	185-186	BB & intensive class room exercise	1	7
8.	CV writing tips – Dos & Don'ts in CV writing, Designs of CV – Content, Sequence, Electronic CV tips – Cover letter – CV samples.	T1	187-189 189-192	PPT & intensive class room exercise	1	8

LEARNING OUTCOME

At the end of unit, students should be able to

- Analyze Differences between Bio – data, CV, Resume
- Know and analyze content and sequences of CV

Forming Values

9.	Introduction-a core of values-values relating to education - values relating to self and others	T1	32-35	BB & intensive class room exercise	1	9
10.	values relating to civic responsibilities- formation of values and types of values	T1	36-46	BB & intensive class room exercise	1	10

COURSE OUTCOME

At the end of the course, the students will be able to

- Develop positive attitude
- Attend interviews without fear.
- Enough confidence and knowledge on facing challenges
- Write a appropriate CV for a job
- Know and forming the values needed in their career

CONTENT BEYOND THE SYLLABUS

Prepare a SWOT analysis chart to know your soft skills potential.

Prepared by

MR. B.SURESHBABU
Dr. K. SUDHAKAR

Verified by

VP/HEAD

Approved by
PRINCIPAL

Verified

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DEPARTMENT OF TRAINING & PLACEMENT

SUBJECT: QUANTITATIVE APTITUDE - AP05

YEAR/SEMESTER: III/ V

PREPARED BY,

Ms.P.SUGANYA / AP

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DEPARTMENT OF TRAINING & PLACEMENT

SUBJECT: QUANTITATIVE APTITUDE - AP05

YEAR/SEMESTER: III/ V

PREPARED BY,

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TRAINING MODULES

AP05 - QUANTITATIVE APTITUDE – III YEAR (Fifth Semester)

Problems on Trains - Introduction, important condition and types of train problems – same direction, opposite direction – concepts and formulas for slower train, faster train.   2

problems on Numbers – Definition – Types of numbers – Test of divisibility – Place and Face value problems
                                                                                            2

Ratio & Proportion – Definition – important facts & formula – Ratio –Proportion.   2

Partnership – Definition of partnership – ratio of division of gains – working and sleeping partnership.
                                                                                            2

Alligations (or) Mixture – Definition, mean price – rules of allegation and important conditions.
                                                                                            2

Total Periods :   10

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TRAINING MODULES

AP05 - QUANTITATIVE APTITUDE – III YEAR (Fifth Semester)

Problems on Trains - Introduction, important condition and types of train problems – same direction, opposite direction – concepts and formulas for slower train, faster train.   2

problems on Numbers – Definition – Types of numbers – Test of divisibility – Place and Face value problems
2

Ratio & Proportion – Definition – important facts & formula – Ratio –Proportion.   2

Partnership – Definition of partnership – ratio of division of gains – working and sleeping partnership.
2

Alligations (or) Mixture – Definition, mean price – rules of allegation and important conditions.
2

Total Periods :   10

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DEPARTMENT OF TRAINING & PLACEMENT

Sub. Name: Quantitative Aptitude	**Branch / Year / Sem** : B.E (All Branch/III/V)
Name : Ms P.Suganya	**Batch** : 2019-2023
	Academic Year : 2021-22(ODD)

COURSE OBJECTIVE:

1. To learn the importance of quantitative aptitude to compete in the recruitment process.
2. To accomplish the knowledge on the basics of aptitude and solving methods.
3. To build skills to solve various problems using shortcut methods.
4. To expose the enabling methodologies in solving the aptitude.

TEXT BOOKS

T1. Quantitative Aptitude - R. S. Aggarwal – S. Chand Publications

T2. A Modern Approach to the verbal & Non – verbal reasoning – R.S. Aggarwal

WEB RESOURCES

W1. www.indiabix.com – Problems on Trains, Problems on numbers
W2. www.indeed.com – Ratio and Proportion
W3. www.freshersworld.com
W4. www.testpot.com - Partnership
W5. www.math4.com – Allegation or Mixture

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DEPARTMENT OF TRAINING & PLACEMENT

Sub. Name: **Quantitative Aptitude**	Branch / Year / Sem : B.E (All Branch/III/V)
Name : **Ms P.Suganya**	Batch : 2019-2023
	Academic Year : 2021-22(ODD)

COURSE OBJECTIVE:

1. To learn the importance of quantitative aptitude to compete in the recruitment process.
2. To accomplish the knowledge on the basics of aptitude and solving methods.
3. To build skills to solve various problems using shortcut methods.
4. To expose the enabling methodologies in solving the aptitude.

TEXT BOOKS

T1. Quantitative Aptitude - R. S. Aggarwal – S. Chand Publications

T2. A Modern Approach to the verbal & Non – verbal reasoning – R.S. Aggarwal

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W2. www.indeed.com – Ratio and Proportion
W3. www.freshersworld.com
W4. www.testpot.com - Partnership
W5. www.math4.com – Allegation or Mixture

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
	PROBLEMS ON TRAINS					(2)
1.	Introduction, important condition and types of train problems – same direction, opposite direction	T1,W1	405-407	BB/PPT	1	1
2.	Concepts and formulas for slower train, faster train. Sample problems	T1	408-424	BB/PPT	1	2

LEARNING OUTCOME
- At the end of unit, students should be able to Analyze the concept of problems on train
- Describe the conditions and its directions

	PROBLEMS ON NUMBERS					(2)
3.	Definition & Types of numbers	T1,W1	1-2	BB/PPT	1	3
4.	Tests of Divisibility	T1	3-15	BB/PPT	1	4

LEARNING OUTCOME
At the end of unit, students should be able to . . . . .
- Analyze the concept of numbers and test of divisibility
- Describe the conditions and its problems

	RATIO AND PROPORTION					(2)
5.	Definition – important facts	T1	294-296	BB/PPT	1	5
6.	formula–Ratio and Proportion, Sample problems	T1 W2	297 -301	BB/PPT	1	6

LEARNING OUTCOME
At the end of unit, students should be able to
- Describe and Compare Ratio and Proportions
- Analyze and solve the problems on Ratio and Proportions

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
	PARTNERSHIP					(2)
7.	Definition – important facts	T1	311-312	BB/PPT	1	7
8.	formula–Ratio and Proportion, Sample problems	T1,W4	313-317	BB/PPT	1	8

LEARNING OUTCOME
At the end of unit, students should be able to
- Describe and Compare working and sleeping partner
- Analyze and solve the problems

						(2)
ALLIGATION OR MIXTURE						
9.	Definition, mean price – rules of Alligation and important conditions	T1,W5	435-436	BB/PPT	1	9
10.	Sample problems	T1	437-439	BB/PPT	1	10

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of Alligation or Mixture
- Realize the Mean price and Rules

COURSE OUTCOME

At the end of the course, the students will be able to
- Analyze the concepts and formulae for various quantitative aptitude methods.
- Identify and apply the various shortcut methods to solve the problems in aptitude.
- Enough confidence and knowledge on approaching aptitude.

CONTENT BEYOND THE MODULES

1. Solving various Company Question papers.

P. Sm. 16/8/21

Prepared by

Ms. P. SUGANYA

16/8/21

Verified By

VP/HEAD

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DEPARTMENT OF TRAINING AND PLACEMENT

SUBJECT NAME & CODE: Soft Skills & SK05

YEAR   : III

SEMESTER   : V

PREPARED BY

Mr. B. Suresh Babu, AP

Dr. K. Sudhakar, AP

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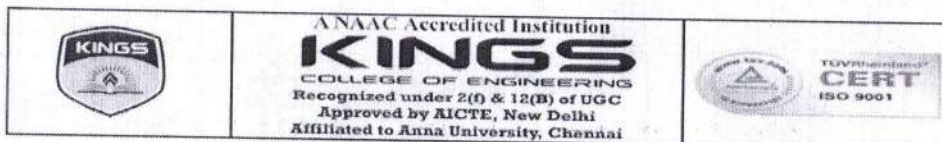
SYLLABUS
SOFT SKILLS /SS05

Unit I
Know Thyself/ Understanding Self

Introduction to Soft skills-Self discovery-Developing positive attitude-Improving perceptions-Forming values

Unit II
Interpersonal Skills/ Understanding Others

Developing interpersonal relationship-Team building-group dynamics-Net working-Improved work relationship

Unit III
Communication Skills / Communication with others

Art of listening-Art of reading-Art of speaking-Art of writing-Art of writing e-mails-e mail etiquette

Unit IV
Corporate Skills / Working with Others

Developing body language-Practicing etiquette and mannerism-Time management-Stress management

Unit V
Selling Self / Job Hunting

Writing resume/cv-interview skills-Group discussion- Mock interview-Mock GD – Goal setting - Career planning

Book for Reference:

Soft Skills – Know yourself and the world - Dr. K. Alex– S. Chand & Co Ltd.

I Just Love my Job – Roy Calvert, Brain Durkin Eugenio Grandi, Kevin- Quarto Library

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DEPARTMENT OF TRAINING & PLACEMENT

COURSE PLAN

Sub. Name/Code: Soft Skills/SS05	**Branch/Year/Sem** : B.E (All Branch/III/V)
	Batch : 2018-2022
Staff Name : Mr. B. Suresh Babu & Dr. K. Sudhakar	**Academic Year** : 2020-21(ODD)

COURSE OBJECTIVE:

1. To learn the importance of Career Planning.
2. To accomplish the knowledge on the communication skills.
3. To build skills to face challenges in the competitive world
4. To expose the right etiquette and manners in the society
5. To enhance the time management skills to meet challenges in employment.

BOOKS FOR REFERENCE:

T1. Soft Skills – Know yourself and the world - Dr. K. Alex– S. Chand & Co Ltd.
T2. I Just Love my Job – Roy Calvert, Brain Durkin Eugenio Grandi, Kevin- Quarto Library

WEB RESOURCES

W1. https://positivepsychology.com/positive-mindset/
W2. https://www.youtube.com/watch?v=6y65U3v2b9c
W3. https://www.youtube.com/embed/vLNcPw_frN4om
W4. https:// https://www.youtube.com/watch?v=jxt0-sYYL8s /

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
Unit I - Know Thyself/ Understanding Self						**(2)**
1.	Introduction to Soft skills Self discovery-Developing positive attitude	T1 W1	01-12 13-18 19-31	BB & intensive class room exercise/PPT	1	1
2.	Improving perceptions-Forming values	W2 T1	47-56 32-46	BB & intensive class room exercise/PPT	1	2

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the need for soft skills.
- Understand the importance of positive attitude.

Unit – II Interpersonal Skills/ Understanding Others						**(2)**
3.	Developing interpersonal relationship-Team building-group dynamics	T1 W3	134-146 ---	PPT,BB & intensive class room exercise/PPT	1	3
4.	Net working-Improved work relationship	W4	--	BB & intensive class room exercise/PPT	1	4

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand various concepts of phobias.
- Identify the keys to overcome fear.

Unit – III Communication Skills						**(2)**
5.	Art of listening-Art of reading-Art of speaking	T1	67-102	PPT, BB& intensive class room exercise/PPT	1	5
6.	Art of writing-Art of writing e-mails-etiquette	T1	103-116	BB& intensive class room exercise/PPT	1	6

LEARNING OUTCOME

At the end of unit, students should be able to
- Learn about the importance of communication in corporate life
- Strengthen their communication skills in reading, speaking and writing

Unit - IV Corporate Skills / Working with Others						**(2)**
7.	Developing body language-Practicing etiquette and mannerism	T1	117-133 162-182	BB & intensive class room exercise/PPT	1	7

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
8.	Time management- Stress management	T1	220-234 235-250	PPT & intensive class room exercise/PPT	1	8

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of body language and improving it
- Know significance of time management and stress management to overcome obstacles in their corporate life.

Unit – V Selling Self / Job Hunting (2)

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
9.	Writing Resume/CV, interview skills-Group discussion	T1	183-202	BB & intensive class room exercise/PPT	1	9
10.	Mock interview-Mock GD Goal setting - Career planning	T1	203-219 57-66	BB & intensive class room exercise/PPT	1	10

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze Differences between Bio – data, CV, Resume
- Prepare the Resume or CV on their own
- Know and analyze content and sequences of CV

COURSE OUTCOME

At the end of the course, the students will be able to
- Attend interviews without fear.
- Participate in GD and public debates
- Enough confidence and knowledge on facing challenges.
- Write a appropriate CV for a job

CONTENT BEYOND THE SYLLABUS

Application of soft skills in real life

Prepared by 16/8/21

MR. B.SURESHBABU
Dr. K. SUDHAKAR

Verified by 16/8/21
i/c
VP/HEAD – T & P

Verified

Approved by 16/8/2021
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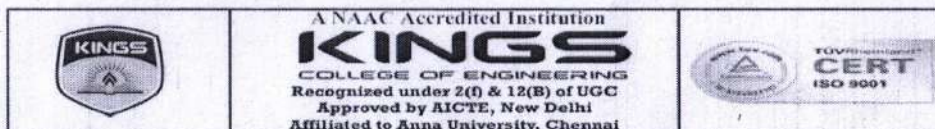
DEPARTMENT OF TRAINING & PLACEMENT

SUBJECT: QUANTITATIVE APTITUDE - AP07

YEAR/SEMESTER: IV/ VII

PREPARED BY,

Ms.P.SUGANYA / AP

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TRAINING MODULES

AP07 - QUANTITATIVE APTITUDE – IV YEAR (Seventh Semester)

Coding and Decoding - Introduction, important condition and types of number coding and alphabets coding – Analogy.   2

Reasoning – Odd man out series, Logical word sequence, mathematical orders   2

Pipes and Cisterns – Inlet and Outlet- Conditions   2

Percentage – Concept of percentage – Percentage increase and decrease – result on population   2

Simple and Compound interest - Definitions - Principal – interest – simple interest – formulae. - Definition - compound interest and formulae – Sample problems   2

Logarithm – Definition of logarithm – characteristics – properties of logarithms – common logarithms.   2

Ratio & Proportion – Definition – important facts & formula – Ratio –Proportion.   2

H.C.F & L.C.M of Numbers – Definition – Conditions of H.C.F & L.C.M – Factorize and Division method   2

Blood Relations – Based on dialogue and conversation Puzzles   2

Time, Speed and Distance –Introduction and Concepts and difference between Time, Distance and speed   2

Total Periods: 20

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DEPARTMENT OF TRAINING & PLACEMENT

Sub. Name	: Quantitative Aptitude	**Branch / Year / Sem**	: B.E (All Branch/IV/VII)
Staff Name	: Ms P.Suganya	**Batch**	: 2018-2022
		Academic Year	: 2021-22(ODD)

COURSE OBJECTIVE:

1. To learn the importance of quantitative aptitude to compete in the recruitment process.
2. To accomplish the knowledge on the basics of aptitude and solving methods.
3. To build skills to solve various problems using shortcut methods.
4. To expose the enabling methodologies in solving the aptitude.

TEXT BOOKS

T1. Quantitative Aptitude - R. S. Aggarwal – S. Chand Publications
T2. A Modern Approach to the verbal & Non – verbal reasoning – R.S. Aggarwal

WEB RESOURCES

W1. www.indiabix.com – Coding and Decoding, Reasoning, Blood Relations
W2. www.indeed.com – Pipes and Cisterns, Percentage
W3. www.freshersworld.com – Time, Speed and Distance
W4. www.testpot.com – Simple and Compound Interest, Logarithms
W5. www.math4.com – Ratio and Proportion, HCF and LCM of numbers

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
Coding and Decoding						**(2)**
1.	Introduction, important condition and types of number coding and	T1,W1	213 – 219	BB/PPT	1	1
2.	Alphabets coding – Analogy.	T1	194 -200	BB/PPT	1	2

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of coding and decoding concepts
- Solve the problems on coding, alphabets coding and analogy.

Reasoning						**(2)**
3.	Definition – Reasoning and types of reasoning	T1,W1	649 – 657	BB/PPT	1	3
4.	Discussion of Company Question Paper	T1	658 – 665	BB/PPT	1	4

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of Reasoning and its types.
- Identify the alphabetical and numerical types of problems

Pipes and Cisterns						**(2)**
5.	Definition – Inlet formulae and problems	T1,W2	371 -373	BB/PPT	1	5
6.	Definition – outlet formulae and problems	T1,W2	374 - 376	BB/PPT	1	6

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of pipes and cisterns
- Describe the conditions and its problems

Percentage						**(2)**
7.	Concept of percentage	T1,W2	208 - 215	BB/PPT	1	7
8.	Percentage increase and decrease – result on population	T1,W2	216 -230	BB/PPT	1	8

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe Concept of percentage
- Analyze and solve the problems on percentage increase and decrease

Simple and Compound Interest						**(2)**
9.	Definitions - Principal - interest – simple interest formulae	T1, W4	445 - 453	BB/PPT	1	9
10.	Definitions - Compound interest & formulae	T1	466 - 173	BB/PPT	1	10

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe Concept of Simple and Compound Interest
- Analyze the difference between simple and compound Interest

Logarithm
(2)

11	Definition of logarithm – characteristics – Properties of logarithms	T1,W4	487-488	BB/PPT	1	11
12	Common logarithms	T1,W4	487-488	BB/PPT	1	12

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe common logarithms and Exponential form
- Identify the application of logarithms

Ratio and Proportion
(2)

13	Definition – formulae and Conditions	T1,W5	294 - 296	BB/PPT	1	13
14	Ratio and Proportions Sample problems	T1,W5	297 -301	BB/PPT	1	1

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of Ratio and Proportion
- Realize the application of Ratio and Proportion

H.C.F & L.C.M of Numbers
(2)

15	Definition – Conditions of H.C.F & L.C.M	T1,W5	30 - 34	BB/PPT	1	15
16	Factorize and Division method	T1,W5	35 - 39	BB/PPT	1	16

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe and Comparison of Highest Common Factor and Least Common Multiplier.
- Analyze and solve the problem on L.C.M & H.C.F.

Blood Relations
(2)

17	Relations - Based on dialogue	T1,W1	466-470	BB/PPT	1	1
18	Conversation method	T1,W1,W3	470-473	BB/PPT	1	18

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe and Comparison of dialogue and puzzle method
- Analyze and solve the problem on compound interest

Time, Speed and Distance
(2)

19	Introduction and Concepts	T1	384 - 386	BB/PPT	1	19
20	Difference between Time, Speed and Distance	T1	387 -393	BB/PPT	1	20

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of time, Speed and Distance.

COURSE OUTCOME

At the end of the course, the students will be able to

- Analyze the concepts and formulae for various quantitative aptitude methods.
- Identify and apply the various shortcut methods to solve the problems in aptitude.
- Enough confidence and knowledge on approaching aptitude.

CONTENT BEYOND THE MODULES

1. Solving various Company Question papers.

Prepared by 16|8|21

Ms. P. SUGANYA

16|8|21 Verified By

VP/HEAD

i/c

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Approved by
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Verified

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DEPARTMENT OF TRAINING AND PLACEMENT

SUBJECT   :   Soft Skills

YEAR   :   IV

SEMESTER   :   VII

PREPARED BY

Mr. B. Suresh Babu, AP

Dr. K. Sudhakar, AP

DEPARTMENT OF TRAINING & PLACEMENT SYLLABUS
SOFTSKILLS – IV YEAR /SK 07

1. **Soft Skills for professionals**   **4**

   Creativity- Innovation- collaboration in the work place-problem solving skills- practicing a presentation-Time Management - Stress Management.

2. **Self-Management Skills**   **4**

   Self-Management skills for work place-sustaining a strong relationship with your manager-Personal accountability, adoptability and initiative at work- practice good manners, Professional manners – Corporate grooming tips.

3. **Communication Skills**   **4**

   Effective communication for the work place – ways to develop communication - Role of Body Language during interview – presentation skills.
   Activity – Testing the Communication skills of the students by providing various activities.

4. **Interview Skills**   **4**

   Recurrent interview questions- what employers want- approach and effort- do research (self/company)-online interviews - behavioral interviews- concluding the interviews
   Activity: Mock interview
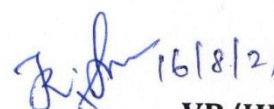
5. **Group Discussion**   **4**

   Activity: Mock Group Discussion

   Total Periods: 20

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DEPARTMENT OF TRAINING & PLACEMENT

COURSE PLAN

Sub. Name/Code: Soft Skills/ SK07	**Branch / Year / Sem** : B.E (All Branch/IV/VII)
Staff Name: **Mr. B. Suresh Babu &**	**Batch** : 2018-2022
Mr. K. Sudhakar	**Academic Year** : 2021-22(ODD)

COURSE OBJECTIVE:

1. To learn the importance of interview skills to compete in the recruitment process.
2. To accomplish the knowledge on the basics of stress management.
3. To build skills to participate in group discussions.
4. To impart and enhance the skills required for work culture to stick on for corporate life.
5. To build a better career opportunity path.

TEXT BOOKS

T1. Soft Skills – Know yourself and the world - Dr. K. Alex– S. Chand & Co Ltd.

WEB RESOURCES

W1: https://study.com/academy/course/soft-skills-for-engineers.html
W2. http://study.com/academy/lesson/cultural-diversity-in-the-workplace-definition-trends-examples.html
W3. https://www.interviewbest.com/member/presentation
W4. http://www.gcflearnfree.org/interviewingskills/
W5: http://placement.freshersworld.com/basic-skills-required-for-gd/33121993

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
Soft Skills for professionals						4
1.	Creativity-Innovation-collaboration in the work place	W1		PPT	1	1
2.	problem solving skills-practicing a presentation	W1 T1	42-44	BB, Class Room Exercise	1	2
3.	Time Management	W1 T1	50-52	BB, Class Room Exercise	1	3
4.	Stress Management.	W1 T1	53-54	PPT	1	4

LEARNING OUTCOME
At the end of unit, students should be able to
- Understand the importance of creativity and innovation in professional field.
- Know the skills required in solving the problem
- Analyse the role of time management for professional jobs
- Identify the ways to handle the stress in professional life

Self-Management Skills						**4**
5.	Self-Management skills for work place-sustaining a strong relationship with your manger	W2		PPT	1	5
6.	Personal accountability, adoptability and initiative at work	W2		PPT, Video	1	6
7.	practicing good manners, Professional manners	T1	30-32	PPT, Video, BB Class Room Exercise	1	7
8.	Corporate grooming tips.	W2 T1	33-34	PPT, Video, BB Class Room Exercise	1	8

LEARNING OUTCOME
At the end of unit, students should be able to
- Identify the skills needed for self-management and relationship with higher officials
- Understand the concept of accountability, adoptability required for the job.
- Know the corporate grooming tips required for the professional enhancement.

Communication Skills						**4**
9.	Effective communication for the work place	T1	38=39	PPT	1	9
10.	ways to develop communication	T1	40-41	PPT, Video, BB Class Room Exercise	1	10

| 11. | Role of Body Language during interview. | W3 | | PPT, Video, BB | 1 | 11 |
| 12. | Activities | Students presentation | | Class Room Exercise | 1 | 12 |

LEARNING OUTCOME

At the end of unit, students should be able to

- Awareness about the need for the communication skills for effective job performance
- Analyze the various ways to develop communication skills
- Understand the role of body language during the interview process

Interview Skills						**4**
13.	A to Z of interview – Types of interview	T1, W3	25-27	PPT	1	13
14.	Phone interview, Questions Asked	T1, W3	28-29	PPT, Video, BB, Class Room Exercise	1	14
15.	Reason for rejecting the candidate – on the day of interview	T1	78-79	PPT, Video, BB, Class Room Exercise	1	15
16.	Dos and Don'ts in interview – Mock interviews	T1	80-82	PPT, Video, BB, Class Room Exercise	1	16

LEARNING OUTCOME

At the end of unit, students should be able to

- Understand the concept of interview.
- Analyze about skills related to attend interviews.
- Awareness about the reasons for rejection of candidature

Group Discussion						**4**
9.	Need and Scope – Characters Tested in a GD	T1	**71-72**	PPT, Video	1	17
10.	Tips on GD – Types of GD – Skills Required in a GD	W5		PPT, Video, BB, Class Room Exercise	1	18
11.	Behavior in GD – Essential Elements	T1	73-74	PPT, Video, BB, Class Room Exercise	1	19
12.	GD Etiquette – Non-Verbal Communication in A GD.	T1	75-76	PPT, Video, BB, Class Room Exercise	1	20

LEARNING OUTCOME

At the end of unit, students should be able to

- Understand the concept of group discussion
- Identify the skills and behaviors required to attend a group discussion
- Ascertain dos and don'ts in group discussions

COURSE OUTCOME

At the end of the course, the students will be able to

- Choose a best career for better future
- Understand and apply the interview skills.
- Identify and apply skills required to get through in group discussions.
- Awareness about the role of stress for the self-development
- Enough confidence and knowledge on approaching work culture

 EVALUATION TEST: Mock interviews and Group Discussions.

Prepared by 16/8/21

MR. B.SURESHBABU
Dr. K. SUDHAKAR

Verified
16/8/21

Approved by 16/8/2021
PRINCIPAL

Verified by 16/8/21

i/c **VP/HEAD – T & P**

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DEPARTMENT OF TRAINING & PLACEMENT

COURSE PLAN

Sub. Name: Quantitative Aptitude	**Branch / Year / Sem** : B.E (All Branch/IV/VIII)
Name : Ms P.Suganya	**Batch** : 2018-2022
	Academic Year : 2021-22(Even)

COURSE OBJECTIVE:

1. To learn the importance of quantitative aptitude to compete in the recruitment process.
2. To accomplish the knowledge on the basics of aptitude and solving methods.
3. To build skills to solve various problems using shortcut methods.
4. To expose the enabling methodologies in solving the aptitude.

TEXT BOOKS

T1. Quantitative Aptitude - R. S. Aggarwal – S. Chand Publications

T2. A Modern Approach to the verbal & Non – verbal reasoning – R.S. Aggarwal

WEB RESOURCES

W1. www.indiabix.com – Problems on Numbers, LCM and HCF of Numbers
W2. www.indeed.com – Seating Arrangements
W3. www.freshersworld.com - Directions Sense Test
W4. www.testpot.com - Mathematical Operations
W5. www.math4.com – Data Interpretation

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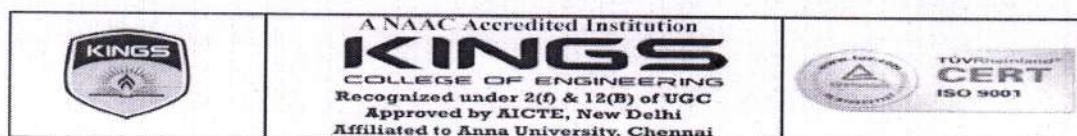
DEPARTMENT OF TRAINING & PLACEMENT

SUBJECT : QUANTITATIVE APTITUDE – AP08

YEAR/ SEMESTER: IV /VIII

PREPARED BY

Ms. P.SUGANYA/AP

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SYLLABUS

QUANTITATIVE APTITUDE – IV YEAR (Eighth Semester)

Problems on Numbers, HCF & LCM of Numbers – Definition – Types of numbers – Test of divisibility – Introduction, formulae – Shortcut method – Factorization method   **2**

Seating Arrangements–Definition, condition, Linear arrangements and Circular arrangements   **2**

Directions Sense Test – Introduction – Directions –Problems solving techniques   **2**

Mathematical Operations –Introduction, operators and artificial symbols and problems   **2**

Data Interpretation–Introduction, Bar charts, Pie charts and Table charts   **2**

Total Periods : 10

STAFF INCHARGE

VP/HEAD 5/3/22

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
Problems on Numbers, HCF & LCM of Numbers						**(2)**
1.	Definition – Types of numbers – Test of divisibility	T1,W1	1 -15	BB/PPT	1	1
2.	Introduction, formulae – Shortcut method and Factorization method	T1,W1	30 -45	BB/PPT	1	2

LEARNING OUTCOME

At the end of unit, students should be able to
Analyze the concept of problems on Numbers
- Describe the conditions and its HCF and LCM of Numbers

Seating Arrangements						**(2)**
3.	Definition, condition, Linear arrangements	T2,W2	255 -258	BB/PPT	1	3
4.	Circular arrangements	T2	259-265	BB/PPT	1	4

LEARNING OUTCOME

At the end of unit, students should be able to
- Analyze the concept of Seating Arrangements
- Describe the conditions and its problems

Directions Sense Test						**(2)**
5.	Introduction – Directions –Problems solving techniques	T2,W3	416 -418	BB/PPT	1	5
6.	Sample problems	T2,W3	419-440	BB/PPT	1	6

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe Directions Sense Test
- Analyze and solve the problems on Directions Sense Test

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
Mathematical Operations						**(2)**
7.	Introduction, operators and artificial symbols	T2	569 -570	BB/PPT	1	7
8.	Sample problems	T2,W4	571 -573	BB/PPT	1	8

LEARNING OUTCOME

At the end of unit, students should be able to
- Describe Mathematical Operations
- Analyze and solve the problems

Data Interpretation						**(2)**
9.	Introduction, Bar charts,	T1,W5	659 -694	BB/PPT	1	9
10.	Pie charts and Table charts	T1, W5		BB/PPT	1	10

LEARNING OUTCOME
At the end of unit, students should be able to
- Analyze the concept of Data Interpretation
- Realize the Pie charts and Table charts

COURSE OUTCOME
At the end of the course, the students will be able to
- Analyze the concepts and formulae for various quantitative aptitude methods.
- Identify and apply the various shortcut methods to solve the problems in aptitude.
- Enough confidence and knowledge on approaching aptitude.
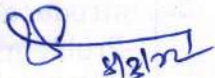
CONTENT BEYOND THE SYLLABUS
1. Solving various Company Question papers.

Prepared by
Ms. P. SUGANYA

Verified By
VP/HEAD

Approved by
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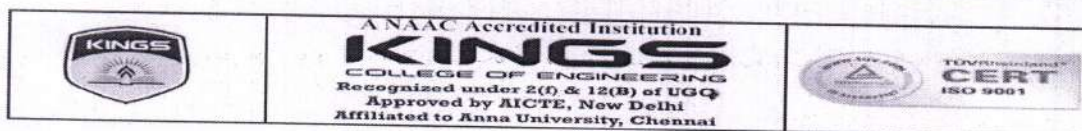
DEPARTMENT OF TRAINING AND PLACEMENT

SUBJECT : SOFT SKILLS – SS08

YEAR/SEMESTER : IV/VIII

PREPARED BY

Mr. B. Suresh Babu, AP

Dr. K. Sudhakar, AP
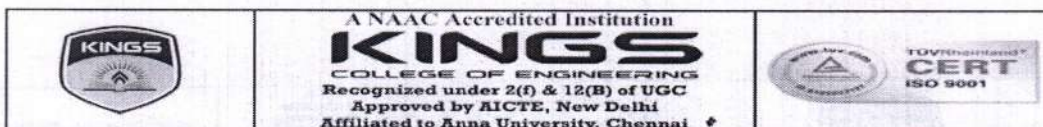
DEPARTMENT OF TRAINING & PLACEMENT
SYLLABUS
SOFTSKILLS – IV YEAR (Eight Semester)

1. Interview Skills   2
A to Z of interview – Types of interview – Phone interview – Questions Asked – Reason for rejecting the candidate – on the day of interview.

2. Group Discussion   2
Need and Scope – Characters Tested in a GD – Tips on GD – Types of GD – Skills Required in a GD – Behaviour in GD – Essential Elements – GD Etiquette – Non Verbal Communication in a GD.

3. Career Planning   2
Introduction – Guidelines for choosing a career plan – Tips for successful career planning – Exercise – Test your career interest.

4. Leadership Qualities & Work Culture: 2
Introduction – types of leadership – Leaders are born or made – common skills required for a successful leader – communication skills, public speaking skills, attitude, perseverance, empathy & etc, Work Culture: Introduction to Values – A model of team building – role team members.

5. Stress Management   2
Introduction – Kinds of stress - Sources of stress – Effects of stress – Spotting stress in you – Exercise – Test your level of stress.

Total Periods: 10

STAFF INCHARGE   VP/HEAD

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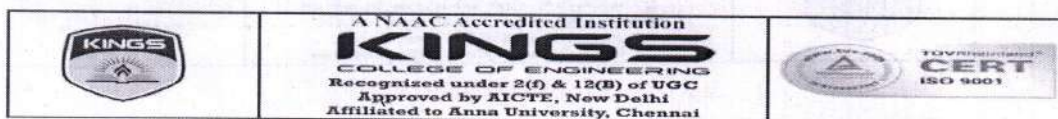
DEPARTMENT OF TRAINING & PLACEMENT

COURSE PLAN

Sub. Name: Soft Skills	**Branch / Year / Sem** : B.E (All Branch/IV/VII)
Staff Name: Mr. B. Suresh Babu &	**Batch** : 2018-2022
Dr. K. Sudhakar	**Academic Year** : 2021-22(EVEN)

COURSE OBJECTIVE:

1. To learn the importance of interview skills to compete in the recruitment process.
2. To accomplish the knowledge on the basics of stress management.
3. To build skills to participate in group discussions.
4. To impart and enhance the skills required for work culture to stick on for corporate life.
5. To build a better career opportunity path.

TEXT BOOKS

T1. Soft Skills – Know yourself and the world - Dr. K. Alex– S. Chand & Co Ltd.

WEB RESOURCES

W1. https://www.interviewbest.com/member/presentation
W2. http://www.gcflearnfree.org/interviewingskills/
W3. http://study.com/academy/lesson/cultural-diversity-in-the-workplace-
     definition-trends-examples.html
W4. https://www.mindtools.com/pages/article/newLDR_41.htm

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
Interview Skills				•		2
1.	A to Z of interview – Types of interview – Phone interview	T1, W1	164-168	PPT	1	1
2.	Questions Asked – Reason for rejecting the candidate – on the day of interview.	T1, W2	169-177	BB, Class Room Exercise	1	2

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of interview.
- Analyze about skills related to attend interviews.
- Awareness about the reasons for rejection of candidature

Group Discussion						2
3.	Need and Scope – Tips on GD – Types of GD- Skills Required in a GD – Behavior in GD	T1	147 - 150	PPT	1	3
4.	Essential Elements – GD Etiquette – Non Verbal Communication in a GD - Characters Tested in a GD.	T1	150 - 151	PPT, Video, BB Class Room Exercise	1	4

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of group discussion
- Identify the skills and behaviors required to attend a group discussion
- Ascertain dos and don'ts in group discussions

Career Planning						2
5.	Introduction – Guidelines for choosing a career plan, Tips for successful career planning	T1	59 - 62	PPT	1	5
6.	Exercise – Test your career interest. Case Study - **Thyrocare's Velumani**	T1	62 - 63	PPT, BB, Class Room Exercise	1	6

LEARNING OUTCOME

At the end of unit, students should be able to
- Awareness about the career planning
- Analyze the various career opportunity available in general
- Understand the skills required for choosing proper career for future

Leadership Qualities & Work Culture						2
7.	Introduction – types of leadership – Leaders are born or made - common skills required for a successful leader communication skills, public speaking skills	W4	-	PPT, Video	1	7

8.	attitude, perseverance, empathy & etc Work Culture - Introduction to Values – Individual behavior in work place-team building	T1, W4 W3	100 34 – 40 137 - 145	PPT, Video, BB, Class Room Exercise	1	8

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of leadership concept and styles.
- Analyze about the various skills needed to become a good leader.
- Understand the recent trends in work culture.
- Analyze the inner qualities needed to cope up with work culture efficiently.

Stress Management						**2**
9.	Introduction – Kinds of stress - Sources of stress	T1, W3	237,239-240	PPT	1	9
10..	Effects of stress – Spotting stress in you – Exercise – Test your level of stress.	T1	238,244-247	PPT, BB, Class Room Exercise	1	10

LEARNING OUTCOME

At the end of unit, students should be able to
- Understand the concept of stress.
- Analyze about the reasons for causing of stress.
- Awareness about the measures taken to overcome stress.

COURSE OUTCOME

At the end of the course, the students will be able to
- Choose a best career for better future
- Understand and apply the interview skills.
- Identify and apply skills required to get through in group discussions
- Awareness about the role of stress for the self development
- Enough confidence and knowledge on approaching work culture

EVALUATION TEST

Mock interviews and Group Discussions.

Prepared by

Mr. B. SURESHBABU/AP
Dr. K. SUDHAKAR/AP

J-mo७५१
l0|3|2022

Approved by
PRINCIPAL

Verified By
l9|3|22

VP/HEAD - T & P

DEPARTMENT OF TRAINING AND PLACEMENT

ACADEMIC YEAR 2021-2022
ADD ON PROGRAM REPORT

NAME OF THE PROGRAM: ADD ON PROGRAM
NAME OF THE COURSE: SOFT SKILLS / APTITUDE
YEAR/SEM: ALL SECOND YEARS / ODD/EVEN (CIVIL, CSE, ECE, EEE & MECH)

DURATION: 40 HOURS

NUMBER OF STUDENTS BENEFITED: 249

NAME OF THE RESOURCE PERSON: SOFT SKILLS – Dr.K.SUDHAKAR & Mr.B.SURESHBABU
APTITUDE - Dr.B.BARANKUMAR & Ms.P.SUGANYA

The department of training and placement is conducting Soft skills and Aptitude training sessions as a separate Certificate Program along with the regular academic schedule of every semester for all the students of II, III and IV Year. The aim of the program is to enhance the students' potential to match with the industry requirements in interpersonal skills and quantitative aptitude skills such as communication, interview skills, group discussion abilities, problem solving skills, analytical abilities and etc. A separate syllabus and course plan is prepared and distributed branch wise for both ODD and EVEN semester.

For the academic year 2021–2022, ODD/EVEN semester, twenty hours each of soft skills and aptitude sessions were handled as per the syllabus framed by the Department of T&P. Intensive class room activity sessions were planned and involved the students performing on the stage with a view to enhancing their potential. Class room exercises were given to all the students on communication skills, body language, and quantitative skills. We evaluated the students' performance and offered advice based on the results to help them develop their soft skills and quantitative skills so they could succeed in the competitive world.

ASSESSMENT PROCEDURE
➤ Class room activities are conducted on communication skills, body language and good manners.
➤ Quantitative aptitude test conducted on various topics problems on numbers, simplification, permutation and combination, probability and odd man out serious.

OUTCOME OF THE PROGRAM
At the end of the course, the students will be able to
➤ Develop their positive attitude
➤ Understand and apply the values needed in their career
➤ Facing challenges in the competitive world.
➤ Awareness about the concept and formulae for various quantitative aptitude methods.
➤ Enough confidence and knowledge on approaching aptitude.

VP/HEAD-T&P   **PRINCIPAL**

NAME OF THE PROGRAM: ADD ON PROGRAM
NAME OF THE COURSE: SOFT SKILLS / APTITUDE
YEAR/SEM: ALL THIRD YEAR / ODD/EVEN (CIVIL, CSE, ECE, EEE MECH)

DURATION: 30 HOURS

NUMBER OF STUDENTS BENEFITED: 164

NAME OF THE RESOURCE PERSON: SOFT SKILLS – Dr.K.SUDHAKAR & Mr.B.SURESHBABU
APTITUDE - Dr.B.BARANKUMAR & Ms.P.SUGANYA

The department of training and placement is conducting Soft skills and Aptitude training sessions as a separate Certificate Program along with the regular academic schedules of every semester for all the students of II, III and IV Year. The aim of the program is to enhance the students' potential to match with the industry requirements in interpersonal skills and quantitative aptitude skills such as communication, interview skills, group discussion abilities, problem solving skills, analytical abilities and etc. A separate syllabus and course plan is prepared and distributed branch wise for both ODD and EVEN semester.

For the academic year 2021–2022, ODD/EVEN semester, twenty hours each of soft skills and aptitude sessions were handled as per the syllabus framed by the Department of T&P. Intensive class room activity sessions were planned and involved the students performing on the stage with a view to enhancing their potential. Class room exercises were given to all the students on communication skills, body language, and quantitative skills. We evaluated the students' performance and offered advice based on the results to help them develop their soft skills and quantitative skills so they could succeed in the competitive world.

ASSESSMENT PROCEDURE
- Communication skills, body language, and team building activities are taught on a regular basis in the classroom.
- Quantitative aptitude test conducted on various topics data interpretation, percentage, number series, arithmetic aptitude, profit and loss, simple and compound interest and age problems.

OUTCOME OF THE PROGRAM
At the end of the course, the students will be able to

- Understand better about the career prospects for their discipline.
- Understand and utilize the interpersonal skills learnt in future endeavors.
- Obtain the guts and abilities required to succeed in group conversations.
- Awareness about the role of stress management for the self development.

VP/HEAD-T&P

PRINCIPAL

DEPARTMENT OF TRAINING AND PLACEMENT

ACADEMIC YEAR 2021-2022
ADD ON PROGRAM REPORT

NAME OF THE PROGRAM: ADD ON PROGRAM
NAME OF THE COURSE: SOFT SKILLS / APTITUDE
YEAR/SEM: ALL FINAL YEAR / ODD/EVEN (CIVIL, CSE, ECE, EEE MECH)
DURATION: 40 HOURS
NUMBER OF STUDENTS BENEFITED: 182
NAME OF THE RESOURCE PERSON: SOFT SKILLS – Dr.K.SUDHAKAR & Mr.B.SURESHBABU
                                                    APTITUDE   - Dr.B.BARANKUMAR & Ms.P.SUGANYA

The department of training and placement is conducting Soft skills and Aptitude training sessions as a separate Certificate Program along with the regular academic schedules of every semester for all the students of II, III and IV Year. The aim of the program is to enhance the students' potential to match with the industry requirements in interpersonal skills and quantitative aptitude skills such as communication, interview skills, group discussion abilities, problem solving skills, analytical abilities and etc. A separate syllabus and course plan is prepared and distributed branch wise for both ODD and EVEN semester.

For the academic year 2021–2022, ODD/EVEN semester, twenty hours each of soft skills and aptitude sessions were handled as per the syllabus framed by the Department of T&P. Intensive class room activity sessions were planned and involved the students performing on the stage with a view to enhancing their potential. Class room exercises, were given to all the students on communication skills, body language, and quantitative skills and also mock interview and mock GD were conducted. We evaluated the students' performance and offered advice based on the results to help them develop their soft skills and quantitative skills so they could succeed in the competitive world.

Additionally, the final year students will undergo a week-long intensive training program on aptitude, soft skills, and technical skills as well as campus interviews. Efforts are made to ensure that students join the companies in time to benefit both the company and the students.

ASSESSMENT PROCEDURE
➢ Frequent Assessment tests are conducted on communication skills, body language and interview skills
➢ Mock Interview and Group discussion are conducted for the final year students
➢ Quantitative aptitude test conducted on various topics data interpretation, percentage, number series, arithmetic aptitude, profit and loss, simple and compound interest and age problems.

OUTCOME OF THE PROGRAM
➢ Learn more about their discipline's job opportunities.
➢ Understand and implement interview techniques.
➢ Identify and apply the skills needed to navigate group conversations.
➢ Acquire good positions in core companies.
➢ Enough self-assurance and knowledge to foster a more positive workplace culture.

VP/HEAD-T&P   PRINCIPAL

FREE OPEN SOURCE SOFTWARE (FOSS)

TRAINING COURSES

IN ASSOCIATION WITH IITB

SPOKEN TUTORIAL

ORGANIZED DURING THE YEAR 2021-22

INTERNAL QUALITY ASSURANCE CELL
SPOKEN TUTORIAL WORKSHOP ON FOSS
IN ASSOCIATION WITH IITB-EXECUTION STATUS

2021-22 (ODD)

S.No	Software Course	Department	Participant count
1	Latex	Civil	21
2	Inkscape	Civil	18
3	Drupal	CSE	45
4	Java	CSE	48
5	Latex	EEE	8
6	Inkscape	EEE	8
7	Inkscape	ECE	35
8	Latex	Mech	60
9	OpenFOAM	Mech	40
			=283

Total number of Titles   09
Total number of Students participated   283

2021-22 (EVEN)

S.No	Software Course	Department	Participant count
1	QCAD	Civil	24
2	Linux	CSE	62
3	Scilab	ECE	44
4	Inkscape	EEE	38
5	Scilab	Mech	40
6	Blender	Civil	18
7	Latex	CSE	45
8	Blender	CSE	48
9	PhP and MySQL	CSE	63
10	GIMP	Civil	24
11	eSim	ECE	33
12	Latex	ECE	35
13	GIMP	ECE	44
14	eSim	EEE	38
15	Python	Mech	60
16	Blender	Mech	40
17	GIMP	Mech	64
18	FDP – Moodle Management System	Staff Members(all departments)	

Total number of Titles   **18**
Total number of Students participated   **599**

K·cdleo 21/4/22
IQAC Coordinator

J-Maruti 21/4/2022
PRINCIPAL

SPOKEN TUTORIAL WORKSHOP ON FOSS- SCREEN SHOT FROM IITB PORTAL-2021-22

Semester Training Planner Summary (STPS)

? Instructions

Dashboard

STEP 1 : Upload students Master Batch Student List : | MB Master Batch Student List |

STEP 2 : Complete the STPF : | STPF – Semester Training Planner Form |

STEP 3 : Select Participant List : | Select Participant List |

Kings College Of Engineering, Pudukkottai

July - December, 2023 (Current Semester)   Ongoing : 0 completed : 0

July - December, 2021   Total : 9

#	Semester Start Date	Software Course	Department	Participant List Status	Action
1	Aug. 18, 2021	LaTeX	Civil Engineering	21	| Participant List | Participation certificates available |
2	Aug. 18, 2021	Inkscape	Civil Engineering	18	| Participant List | Participation certificates available |
3	Aug. 18, 2021	Drupal	Computer Science Engineering (CSE)	45	| Participant List | Participation certificates available |
4	Aug. 18, 2021	Java	Computer Science and Engineering	48	| Participant List | Participation certificates available |
5	Aug. 18, 2021	LaTeX	Electrical and Electronics Engineering (EEE)	8	| Participant List | Participation certificates available |
6	Aug. 18, 2021	Inkscape	Electrical and Electronics Engineering (EEE)	8	| Participant List | Participation certificates available |
7	Aug. 18, 2021	Arduino	Electronics and Communication Engineering	(0 / 38)	
8	Aug. 12, 2021	Inkscape	Electronics and Communication Engineering	35	| Participant List | Participation certificates available |
9	Aug. 18, 2021	LaTeX	Mechanical Engineering	60	| Participant List | Participation certificates available |
10	Aug. 18, 2021	OpenFOAM	Mechanical Engineering	40	| Participant List | Participation certificates available |

January - June, 2022   Total : 23

#	Semester Start Date	Software Course	Department	Participant List Status	Action
1	Jan. 3, 2022	Computer Applications - Moodle Learning Management System	Faculty Development Programs (FDPs) (PMMMNMTT)	9	| Participant List | Participation certificates available |
2	Jan. 3, 2022	Computer Applications - Moodle Learning Management System	Faculty Development Programs (FDPs) (PMMMNMTT)	13	| Participant List | Participation certificates available |
3	Feb. 26, 2022	Computer Applications - Moodle Learning Management System	Faculty Development Programs (FDPs) (PMMMNMTT)	17	| Participant List | Participation certificates available |
4	Jan. 3, 2022	Computer Applications - Moodle Learning Management System	Faculty Development Programs (FDPs) (PMMMNMTT)	8	| Participant List | Participation certificates available |

			Management System	(PMMMNMTT)		certificates available	
6	Jan. 3, 2022	Computer Applications - Moodle Learning Management System	Faculty Development Programs (FDPs) (PMMMNMTT)	20		Participant List	Participation certificates available	
7	March 16, 2022	QCad	Civil Engineering	24		Participant List	Participation certificates available	
8	March 16, 2022	Linux	Computer Science and Engineering	92		Participant List	Participation certificates available	
9	March 16, 2022	Scilab	Electronics and Communication Engineering	44		Participant List	Participation certificates available	
10	March 16, 2022	Inkscape	Electrical and Electronics Engineering (EEE)	38		Participant List	Participation certificates available	
11	March 16, 2022	Scilab	Mechanical Engineering	40		Participant List	Participation certificates available	
12	Feb. 16, 2022	Blender	Civil Engineering	(0 / 27)	
13	Feb. 16, 2022	Blender	Civil Engineering	13		Participant List	Participation certificates available	
14	Feb. 16, 2022	LaTeX	Civil Engineering	(0 / 27)	
15	Feb. 16, 2022	GIMP	Civil Engineering	(0 / 27)	
16	Feb. 16, 2022	LaTeX	Computer Science Engineering (CSE)	46		Participant List	Participation certificates available	
17	Feb. 16, 2022	Blender	Computer Science and Engineering	48		Participant List	Participation certificates available	
18	Feb. 16, 2022	PHP and MySQL	Computer Science and Engineering	55		Participant List	Participation certificates available	
19	Feb. 16, 2022	GIMP	Civil Engineering	24		Participant List	Participation certificates available	
20	Feb. 16, 2022	eSim	Electronics and Communication Engineering	30		Participant List	Participation certificates available	
21	Feb. 16, 2022	LaTeX	Electronics and Communication Engineering	35		Participant List	Participation certificates available	

K·adee 21/4/22

IQAC Coordinator

J-Bharathi 21/4/2022

PRINCIPAL