RAMCO INSTITUTE OF TECHNOLOGY

(Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai)
NAAC Accredited and An ISO 9001:2015 certified institution

TÜVRheinland CERTIFIED
ISO 9001:2015
ID 9108633093

RIT/CIVIL/VAC/2021/01

05.08.2021

To

The Director,

Centre for Academic Courses,

Anna University,

Chennai - 600025.

Respected Sir,

Sub: Requesting permission to offer below mentioned approved Value Added Course– V Semester B.E. Civil Engineering – Academic Year 2021-2022 – reg.

Ref: List of approved Value Added Courses – Letter No: 2858/AU/VA/CAC/2019 on 08.07.2019.

With reference to the above, we have proposed to offer the following approved value added courses to our V semester B.E Civil Engineering Students for the academic year 2021 – 2022 (ODD Semester). The syllabus and schedule of the approved value added courses along with approved letter received from Centre for Academic Courses, Anna University, Chennai are enclosed for your kind perusal.

Sl. No.	Course Code	Course Name	Credits
1	CVA007	PROJECT PLANNING AND MANAGEMENT	2

Hereby, we request your kind approval and permission to offer these value added courses to our V semester B.E Civil Engineering Students for the academic year 2021 – 2022 (ODD Semester).

Thanking you,

Yours faithfully,

05/08/21
HOD/Incharge

Vice Principal

5-8-21
Principal

RAMCO INSTITUTE OF TECH R.I.T. Rajapalayam

North Venganallur, Ayyanarkovil Road, Rajapalayam - 626 117.
Virudhunagar District, Tamil Nadu. Tel : 04563 233400
E-mail : rit@ritrjpm.ac.in Web : www.ritrjpm.ac.in

Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. R. RAJU
DIRECTOR
Letter No. 2858/AU/VA/CAC/2019

08.07.2019

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub : A.U. - CAC – Affiliated Institutions - Value Added Course - Reg.
Ref : Letter received from the Principal, Ramco Institute of Technology, dated 24.06.2019

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

S.No	Code Allotted	Title	L T P C
1.	CVA007	Project Planning and Management	1 0 2 2

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

Yours faithfully,

DIRECTOR

Copy to:

1. The Chairperson, Faculty of Civil Engineering, Anna University, Chennai - 25.
2. The Principal, Ramco Institute of Technology, North Venganallur, Rajapalayam – 626117.
3. The Stock File

CVA007 **Project Planning and Management (PPM)** **L T P C**
1 0 2 2

OBJECTIVES:

- To learn about planning of construction projects using Primavera P6
- To schedule the construction activities

I PROJECT PLANNING 15

Introduction about Project Management, Understanding P6 Data - Describing Enterprise and Project-Specific data – Logging In - Opening an Existing Project - Opening and Customizing Layouts, Enterprise Project Structure - Describing Components of EPS, Creating a Project - Creating a Project - Viewing Project Details, Creating a Work Breakdown Structure - Creating the WBS Hierarchy, Adding Activities - Describing an Activity and its Components - Describing Activity Types - Adding Activities - Adding a Notebook Topic - Adding Steps to an Activity - Assigning Activity Codes, Creating Calendar, Creating Relationships - Viewing a Network Logic Diagram - Relationship Types.

II PROJECT SCHEDULING 15

Scheduling - Performing a Forward and Backward Pass - Describing Float, Assigning Constraints - Applying an Overall Deadline to a Project - Apply a Constraint to an Activity, Using Reflection Projects - Creating a Reflection Project - Merging Changes Formatting Schedule Data - Grouping Activities –Sorting – Filtering, Roles and Resources - Describing Roles and Resources - Viewing Dictionaries, Assigning Roles to an Activity - Assign Rates on Roles, Assigning Resources - Adjusting Budgeted Units/Time, Analyzing Resources - Displaying the Resource Usage Profile - Optimizing the Project Plan - Analyzing Schedule Dates - Shortening a Project Schedule - Analyzing Resource Availability, Baselining the Project Plan - Display Baseline Bars on the Gantt Chart, Project Execution and Control - Describing Methods for Updating the Schedule - Using Progress Spotlight - Rescheduling the Project, Rescheduling the Project - Describing Reporting Methods - Running a Schedule Report -Creating a report with the Report Wizard.

TOTAL: 30 PERIODS

OUTCOMES:

Upon the completion of this course the students will be able to

1. Apply the fundamental knowledge of construction planning using Primavera P6 for solving complex engineering problems.
2. Schedule and monitor the project

.Assessment Method (Weightage 100 %)				
V Semester B.E. Civil	Assessment I	Assessment II		
	Project Planning	Project Scheduling	Viva Voce	Total
	50 %	40 %	10 %	100 %

REFERENCES:

1. Chitkara, K.K. "Construction Project Management Planning", Scheduling and Control, Tata McGraw Hill Publishing Co., New Delhi, 2009
2. Chris Hendrickson and Tung Au, "Project Management for Construction – Fundamentals Concepts for Owners", Engineers, Architects and Builders, Prentice Hall, Pitsburgh, 2000
3. Moder.J., Phillips. C. and Davis E, "Project Management with CPM", PERT and Precedence Diagramming, Van Nostrand Reinhold Co., 3rd Edition, 1985.
4. Oracle Primavera P6 Project Management Reference Manual

Course Designer & Coordinator	HOD/Incharge	Vice Principal	Principal

RAMCO INSITIUTE OF TECHNOLOGY, RAJAPALAYAM
DEPARTMENT OF CIVIL ENGINEERING
VALUE ADDED COURSE TIME TABLE
ACADEMIC YEAR 2021-2022

Title of the Course : CVA007 - Project Planning and Management
Year / Branch / Semester : III / Civil / V
Course Handling Faculty :

Industrial Experts :

1. Mr. K. Iyappan, Functional Consultant, IBM Global Business Services, Bangalore
2. Er. S. Suganya, Manager – Delivery & Services, IPMCS, Chennai
3. Er. B. Janani, Manager – Professional Services, IPMCS, Chennai

Internal Faculty Members :

1. Mr. G. Karthikeyan, Assistant Professor (Sr.Gr.)/Civil, Ramco Institute of Technology, Rajapalayam
2. Mrs.C.Subha, Assistant Professor (Sr.Gr.)/Civil, Ramco Institute of Technology, Rajapalayam
3. Mrs.D.Darling Helen Lydia, Assistant Professor Civil, Ramco Institute of Technology, Rajapalayam
4. Mr. T. Chockalingam, Assistant Professor Civil, Ramco Institute of Technology, Rajapalayam
5. Mrs.R.Kalaimani, Assistant Professor Civil, Ramco Institute of Technology, Rajapalayam
6. Mr.R.Muruganantham, Assistant Professor Civil, Ramco Institute of Technology, Rajapalayam
7. Mr.J.Ram Prashath, Assistant Professor Civil, Ramco Institute of Technology, Rajapalayam
8. Mr.A.Manicka Mamallan, Assistant Professor Civil, Ramco Institute of Technology, Rajapalayam

Evaluation Team Members: 1. Head of the Department
2. Two senior faculty Members Nominated from Head of the Institution

Session	Date/Day	Topics Covered	Theory Sessions	Practical Sessions
I	20.08.2021 Friday	Introduction to Project Management, Understanding P6 Data - Describing Enterprise and Project-Specific data – Logging In - Opening an Existing Project - Opening and Customizing Layout	1	2
II	27.08.2021 Friday	Enterprise Project Structure - Describing Components of EPS, Creating a Project - Creating a Project - Viewing Project Details	1	3
III	03.09.2021 Friday	Creating a Work Breakdown Structure - Creating the WBS Hierarchy, Adding Activities	1	2
IV	10.09.2021 Friday	Describing an Activity and its Components - Describing Activity Types - Adding Activities - Adding a Notebook Topic - Adding Steps to an Activity - Assigning Activity Codes	1	3

Session	Date/Day	Topics Covered	Theory Sessions	Practical Sessions
V	17.09.2021 Friday	Creating a Calendar and Relationships - Viewing a Network Logic Diagram - Relationship Types	1	2
VI	24.09.2021 Friday	Scheduling - Performing a Forward and Backward Pass - Describing Float, Assigning Constraints - Applying an Overall Deadline to a Project - Apply a Constraint to an Activity	1	3
VII	01.10.2021 Friday	Using Reflection Projects - Creating a Reflection Project - Merging Changes Formatting Schedule Data - Grouping Activities –Sorting – Filtering	1	2
VIII	08.10.2021 Friday	Roles and Resources - Describing Roles and Resources - Viewing Dictionaries, Assigning Roles to an Activity	1	3
IX	15.10.2021 Friday	Assign Rates on Roles, Assigning Resources - Adjusting Budgeted Units/Time, Analyzing Resources	1	2
X	22.10.2021 Friday	Displaying the Resource Usage Profile - Optimizing the Project Plan - Analyzing Schedule Dates - Shortening a Project Schedule	2	3
Assessment I	23.10.2021 Saturday	The students are asked to create project activities, calendar, activity code and relationship with network diagram.	-	-
XI	29.10.2021 Friday	Analyzing Resource Availability, Baselining the Project Plan - Display Baseline Bars on the Gantt Chart, Project Execution and Control - Describing Methods for Updating the Schedule - Using Progress Spotlight	2	3
XII	05.11.2021 Friday	Rescheduling the Project, Rescheduling the Project, Describing Reporting Methods, Running a Schedule Report, Creating a report with the Report Wizard	2	2
Assessment II	12.11.2021 Friday	The students are asked to create project scheduling for a given project	-	-
		Total Sessions	**15**	**30**
		Total Periods	**30**	

Note : The assessment for the above course will be conducted by considering all the criteria of rubrics method and will be assessed by Head of the department and senior faculty members.

5/8/21

Course Designer & Coordinator

05/08/21

HoD/Incharge

Vice-principal

5.8.21

Principal

RAMCO INSTITUTE OF TECHNOLOGY

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

An ISO 9001:2015 Certified and NAAC Accredited Institution

Certificate of Participation

This is to certify that

J Sneghavardhini

of IV Year B.E.Civil Engineering has actively participated in the Value Added Course on "STAAD Pro V8i", conducted by Department of Civil Engineering at Ramco Institute of Technology, Rajapalayam from 18.08.2021 to 30.11.2021.

"We wish you success in all your future endeavours"

This is an electronically generated certificate hence does not require signature

Made for free with Certify'em

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ISO 9001:2015
ID 9108633093

RIT/CSE/VAC/2021/02

16.09.2021

To
The Director,
Centre for Academic Courses,
Anna University,
Chennai – 600 025.

Sir,

Sub: Requesting approval – Value Added Courses – Syllabus and Schedule – Reg.
Ref: Affiliated Institutions – Guidelines for conducting Value Added Courses – Anna University Regulations 2017.

With reference to the above, we have proposed to offer the following value added course to our V Semester B.E Computer Science and Engineering Students for the academic year 2021 – 2022 (ODD Semester) by getting the suggestions from faculty members, Industry persons and alumni to improve the employability of the students.

Sl. No.	Course Code	Course Name	Credits
1	CSVAC XXX	MERN Stack	2

The syllabus and schedule (contains the details of course handling faculty, sessions of theory and practical, assessment proccdure and evaluation team) of the proposed valuc added courses are formulated based on the guidelines AU – R2017 and enclosed the same for your kind approval.

Hereby, we request your kind approval and consent to offer this value added course to our V semester students.

Thanking you,

Yours faithfully,

16/9/2021
HOD/CSE

16/9/21
Vice Principal

16.9.21
Principal

Cc:
The Chairman,
Faculty of Information and Communication Engineering,
Center for Academic Courses,
Anna University

North Venganallur, Ayyanarkovil Road, Rajapalayam - 626 117.
Virudhunagar District, Tamil Nadu. Tel : 04563 233400
E-mail : rit@ritrjpm.ac.in Web : www.ritrjpm.ac.in

Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR
Letter No.3814/AU/VA/CAC/FICE/2021 22.10.2021

27 OCT 2021

To

The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC - Affiliated Institutions - Value Added Courses - Reg.
Ref : Letter No. RIT/CSE/VAC/2021/02, date:16.09.2021.

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With references to the letter cited, the following Value Added Course offered by Ramco Institute of Technology, Affiliated Institutions is allotted the course code as detailed below.

SI. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA086	MERN Stack	1	0	2	2

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

Yours faithfully,

DIRECTOR

Copy to:

1. The Principal, Ramco Institute of Technology, Rajapalayam – 626 117, Virudhunagar District.
2. The Chairperson, Faculty of Information and Communication Engineering, A.U., Chennai -25.
3. The Stock File.

RAMCO INSTITUTE OF TECHNOLOGY
(Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai)
NAAC Accredited and An ISO 9001:2015 certified institution

RIT/CSE/VAC/2022/02

01.04.2022

To
The Director,
Centre for Academic Courses,
Anna University,
Chennai – 600 025.

Sir,

Sub: Requesting conduction – Value Added Courses –Schedule – Reg.
Ref: Affiliated Institution –Guidelines for conducting Value Added Courses-Anna University Regulations 2017
Letter No. 3814/AU/VA/CAC/FICE/2021 dated 22.10.2022

With reference to the above, we had proposed to offer the value added course "MERN Stack- IVA086" with the schedule and got the approval for the same to our V Semester B.E Computer Science and Engineering Students for the academic year 2021 – 2022 on 27.10.2021. Due to time constraints, we could not conduct the same in V semester itself. We have planned to conduct in VI Semester. The updated schedule (contains the details of course handling faculty, sessions of theory and practical, assessment procedure and evaluation team) of the proposed value added courses are submitted for your reference.

Hereby, we request your kind approval to conduct this value added course to our VI semester students as per the schedule attached.

Thanking you,

Yours faithfully,

01/04/2022
HOD/CSE

1/4/22
Vice Principal

1/4/22
Principal

List of Encl:
1. Requisition Letter for VAC
2. Approval letter for VAC from Anna University
3. Name list of the students
4. New schedule for both theory and practical sessions
5. Previous Schedule for both theory and practical sessions.

Cc:
The Chairman,
Faculty of Information and Communication Engineering,
Center for Academic Courses,
Anna University

North Venganallur, Ayyanarkovil Road, Rajapalayam - 626 117.
Virudhunagar District, Tamil Nadu. Tel : 04563 233400
E-mail : rit@ritrjpm.ac.in Web : www.ritrjpm.ac.in

RAMCO INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

VALUE ADDED COURSE DETAILS

Title of the Course: **MERN stack**
Year / Branch / Semester: III / Computer Science and Engineering / V
Course Handling Faculty:
Industry:

1. **Mr.Vinodh Rajan, Software Engineer, Tech Mahindra**
2. **Ms. C. Nandhini, MERN Developer, Ramco Systems**
3. **Mr.G. Ponkumaresan, Team Leader, Infoview Pvt Technologies Ltd.,**

Internal Faculty:

1. **Mrs. B.Vijayalakshmi , AP(SG)/CSE**
2. **Mrs.N.Nithya, AP/CSE**
3. **Mr.C.A Yogaraja, AP/CSE**
4. **Mr.K.Vignesh Saravanan, AP/CSE**

Hour	Date/Day	THEORY	PRACTICAL
UNIT I : Basics of Full Stack			
1	15.04.2022 (Friday)	Need for MERN -Server-Less MERN Components - React (1 period)	Server Setup- Setting up MERN environment. (1 period)
3		MongoDB- Node.js- Express- nvm- Node.js- Npm. (1 period)	Hello World - Simple programs in MERN environment. (2 periods)
5	16.04.2022 (Saturday)	-	
Assessment I	16.04.2022 (Saturday)	Online Quiz	
UNIT II : React			
6	17.04.2022 (Sunday)	React Introduction - Components -React Classes (1 period)	REACT based programming (2 period)
9	17.04.2022 (Sunday) & 18.04.2022 (Monday)	Composing Components - Passing Data- Dynamic Composition (2 period)	Build Blog using React. Designing components- React Forms- Building a basic Forms using React (2 period)
13	23.04.2022 (Saturday)	React state -Setting State - Async State Initialization (1 period)	React CSS - React SaaS Designing components with React CSS and SaaS (3 periods)
15		Event Handling Communicating from Child to	

		Parent - Stateless Components (1 period)	
Assessment II	24.04.2022 (Sunday)	Online Quiz	-
UNIT III : NodeJs			
18	24.04.2022 (Sunday)	Node.js basics - Local and Export Modules- Node Package Manager (1 period)	Hands on session on Node.js basics (2 periods)
21	25.04.2022 (Monday)	Node.js web server Node.js File system (1 period)	-
22	01.05.2022 (Saturday)	Node Inspector- Node.jsEventEmitter (1 period)	Hands on session on Frameworks for Node.js (1 period) IHandling of various APIs associated with Node.js (2 periods)
Assessment III	01.05.2022 (Sunday)	Online Quiz	
UNIT IV : Express			
26	08.05.2022 (Saturday)	Express.js Web App - Serving Static Resource - Node.js Data Access (1 period)	Node and Express based web development Handling of various APIs associated with Node.js (2 periods)
29	09.05.2022 (Sunday)	Express REST APIs – REST- Resource Based - HTTP Methods as Actions - JSON- Routing (1 period)	Programs using JSON- Express -Handler Function Hands on session on Using the List API (1 period)
31		Middleware - The List API - Automatic Server Restart – Testing- The Create API - Error Handling Engine – Template (1 period)	Using the Create API (1 period)
33	10.05.2022 (Monday)	-	Application backend development with Node.js and Express. (2 periods)
Assessment IV	14.05.2022 (Saturday)	Online Quiz	
UNIT V :Database			
35	14.05.2022 (Saturday)	MongoDB - MongoDB Basics – Documents- Collections -	Installation- The mongo Shell and

36	15.05.2022 (Sunday)	Query Language - Schema Initialization- MongoDB Node js Driver Reading from MongoDB - Writing to MongoDB - CRUD operations - projections - Indexing Aggregation - Replication - Shading, Creating backup – Deployment (2 period)	
			Hands on session on MongoDB basics commands (3 periods)
40	22.05.2022 (Sunday)	-	Handling NoSQL data using MongoDB and manipulating data and management. (2 periods)
			Dice Roller game using React Build Blog using React.(2 periods)
44	23.05.2022 (Monday)	-	Add API Authentication to Blog App. (2 periods)
45	28.05.2022 (Saturday)	-	
Assessment V	29.05.2022 (Sunday)	Online Quiz	
Assessment VI	29.05.2022 (Sunday)	Final Exam	

Note: The assessment for the above course will be conducted by considering all the criteria of rubrics method and will be assessed by Head of the department and senior faculty members.

Course Designer & Coordinator **HOD/CSE** **VICE PRINCIPAL**

1. **Mrs.N.Nithya, AP/CSE**
2. **Mr.C.A.Yogaraja, AP/CSE**
3. **Dr.I.Gethzi Ahila Poornima, AP/CSE**

PRINCIPAL

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2021- 2022 (Even Semester)
PORTAL ENTRY
Attendance & Mark Statement
VI Semester B.E Computer Science and Engineering

Name of the Faculty member: Mr.C.A.Yogaraja
Course Code & Course Title: IVA086 MERN Stack
No. of Periods Conducted: 25

Sl. No.	Reg. No.	Name of the Student	No. of Periods attended	Marks
1.	953619104001	ABHINAV R	22	82
2.	953619104002	AJITHA R	24	85
3.	953619104003	AKILA G	23	93
4.	953619104004	ANNLYN SARAH J P	24	89
5.	953619104005	ASWINKUMAR M	22	85
6.	953619104006	ATHIVIGNESHKUMAR N	24	92
7.	953619104007	BHUJA SHRI R	23	90
8.	953619104008	CHANDHRU R	24	80
9.	953619104009	DHARINI B	25	95
10.	953619104010	DHARSANA R	23	88
11.	953619104011	DINESH KUMAR M	25	90
12.	953619104012	GIFTY SHARON K	25	98
13.	953619104013	GOPI SANKAR P	25	98
14.	953619104014	HARIHARAN M	21	89
15.	953619104015	HARINI M	24	96
16.	953619104016	IVARAJ C	25	81
17.	953619104017	JAYA DHARSHINI G	24	99
18.	953619104018	JAYARANI M	23	86
19.	953619104019	JAYA SHRI K K	22	96
20.	953619104020	KANTHIMATHINATHAN A	20	89
21.	953619104021	KAVITHANJALI K	23	92
22.	953619104022	KISHORE KUMAR S	25	96
23.	953619104023	KRISHNA K	23	97
24.	953619104024	KRISHNA SRINIVAS P	21	88
25.	953619104025	LAVANYADEVI K	23	88
26.	953619104026	LOKESHWARAPPAN A	22	80
27.	953619104027	MALINI M	24	93
28.	953619104028	MATHESHWARAN N	21	92
29.	953619104029	MOHAMED SHEHIN S	21	80
30.	953619104030	MUTHUARUNA C	20	90
31.	953619104031	PRASATH A	25	88
32.	953619104032	RATHESH PRAVEEN P	20	84
33.	953619104033	SAHANA SRI R	21	89
34.	953619104034	SAKTHISWATHI A	24	98

Sl. No.	Reg. No.	Name of the Student	No. of Periods attended	Marks
35.	953619104035	SANGEETHA P	24	95
36.	953619104036	SARAVANAKUMAR K	23	97
37.	953619104037	SHRIYA R	25	92
38.	953619104038	SOPHIASREE K	22	99
39.	953619104039	SRIRAM K	24	91
40.	953619104040	SRI RAMAKRISHNAN J	22	85
41.	953619104041	SWATHIKA B	20	92
42.	953619104042	SWATHY SANTHOSH	22	88
43.	953619104043	THARINI K	20	90
44.	953619104044	THARUNKUMAR B	20	85
45.	953619104045	ULAGESWARAN T	21	93
46.	953619104046	VAISHNAVI V S	21	95
47.	953619104047	VAISHNAVIRAJAM R	22	90
48.	953619104048	VIDHYA V	24	92
49.	953619104049	VIGNESH A	20	88
50.	953619104050	VIJAIBALAJI N	22	80
51.	953619104051	VIJAY AADHITHYA M	25	98
52.	953619104052	VIJAYALAKSHMI R	25	92
53.	953619104053	VISWAJITH SAAIRAM S K	25	88
54.	953619104054	VITHYA THARANI M	22	90
55.	953619104055	YUVAASRI R K	22	90
56.	953619104301	JAYA RAMA SANKARA MOORTHI J	24	85
57.	953619104302	KOWSHIK R	24	90

Faculty Coordinators

HOD/CSE

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2021- 2022 (Even Semester)
PORTAL ENTRY
Attendance & Mark Statement
VI Semester B.E Computer Science and Engineering

Name of the Faculty member: Mr.C.A.Yogaraja
Course Code & Course Title: IVA086 MERN Stack
No. of Periods Conducted: 20

Sl. No.	Reg. No.	Name of the Student	No. of Periods attended	Marks
1.	953619104001	ABHINAV R	19	80
2.	953619104002	AJITHA R	18	86
3.	953619104003	AKILA G	19	93
4.	953619104004	ANNLYN SARAH J P	20	82
5.	953619104005	ASWINKUMAR M	20	88
6.	953619104006	ATHIVIGNESHKUMAR N	20	95
7.	953619104007	BHUJA SHRI R	20	96
8.	953619104008	CHANDHRU R	20	86
9.	953619104009	DHARINI B	19	91
10.	953619104010	DHARSANA R	20	94
11.	953619104011	DINESH KUMAR M	19	93
12.	953619104012	GIFTY SHARON K	20	94
13.	953619104013	GOPI SANKAR P	16	88
14.	953619104014	HARIHARAN M	20	78
15.	953619104015	HARINI M	20	85
16.	953619104016	IVARAJ C	16	79
17.	953619104017	JAYA DHARSHINI G	18	94
18.	953619104018	JAYARANI M	20	80
19.	953619104019	JAYA SHRI K K	16	83
20.	953619104020	KANTHIMATHINATHAN A	18	75
21.	953619104021	KAVITHANJALI K	20	78
22.	953619104022	KISHORE KUMAR S	19	86
23.	953619104023	KRISHNA K	19	83
24.	953619104024	KRISHNA SRINIVAS P	19	83
25.	953619104025	LAVANYADEVI K	18	91
26.	953619104026	LOKESH IYYAPPAN A	20	89
27.	953619104027	MALINI M	16	94
28.	953619104028	MATHESHWARAN N	16	85
29.	953619104029	MOHAMED SHEHIN S	19	89
30.	953619104030	MUTHUARUNA C	20	92
31.	953619104031	PRASATH A	20	90
32.	953619104032	RATHESH PRAVEEN P	19	85
33.	953619104033	SAHANA SRI R	19	87
34.	953619104034	SAKTHISWATHI A	18	95

Sl. No.	Reg. No.	Name of the Student	No. of Periods attended	Marks
35.	953619104035	SANGEETHA P	20	90
36.	953619104036	SARAVANAKUMAR K	20	92
37.	953619104037	SHRIYA R	16	89
38.	953619104038	SOPHIASREE K	18	98
39.	953619104039	SRIRAM K	18	82
40.	953619104040	SRI RAMAKRISHNAN J	20	78
41.	953619104041	SWATHIKA B	19	89
42.	953619104042	SWATHY SANTHOSH	20	80
43.	953619104043	THARINI K	19	86
44.	953619104044	THARUNKUMAR B	19	83
45.	953619104045	ULAGESWARAN T	19	90
46.	953619104046	VAISHNAVI V S	19	85
47.	953619104047	VAISHNAVIRAJAM R	20	88
48.	953619104048	VIDHYA V	20	93
49.	953619104049	VIGNESH A	19	79
50.	953619104050	VIJAIBALAJI N	18	77
51.	953619104051	VIJAY AADHITHYA M	16	94
52.	953619104052	VIJAYALAKSHMI R	19	86
53.	953619104053	VISWAJITH SAAIRAM S K	20	92
54.	953619104054	VITHYA THARANI M	20	86
55.	953619104055	YUVAASRI R K	16	88
56.	953619104301	JAYA RAMA SANKARA MOORTHI J	19	78
57.	953619104302	KOWSHIK R	16	83

10/6/22

Faculty Coordinators

HOD/CSE

ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET



Sl.No: **MA 6624519** **Folio No.** AUK5139712

NAME OF THE CANDIDATE	ABHINAV R					REGISTER NO.	953619104001
DATE OF BIRTH	19-MAR-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	B+	7	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						25				
Grade Points Earned						78				
Grade Point Average (GPA)						7.640				

Cumulative Credits Earned	147	Cumulative Grade Point Average (CGPA)	7.56	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624520** **Folio No.** AUK5175546

NAME OF THE CANDIDATE	AJITHA R					REGISTER NO.	953619104002
DATE OF BIRTH	06-JUL-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A+	9	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8601	Mobile Computing	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						96				
Grade Point Average (GPA)						8.536				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.76	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624521** **Folio No.** AUK5264899

NAME OF THE CANDIDATE	AKILA G					REGISTER NO.	953619104003
DATE OF BIRTH	14-JUL-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						83				
Grade Point Average (GPA)						7.357				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				7.85	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624522** **Folio No.** AUK5193463

NAME OF THE CANDIDATE	ANNLYN SARAH J P					REGISTER NO.	953619104004
DATE OF BIRTH	29-NOV-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						93				
Grade Point Average (GPA)						8.214				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.24	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624523** **Folio No.** AUK5229190

NAME OF THE CANDIDATE	ASWINKUMAR M					REGISTER NO.	953619104005
DATE OF BIRTH	06-JUL-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	CS8691	Artificial Intelligence	3	U	0	RA
06	GE8075	Intellectual Property Rights	3	B+	7	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	B+	7	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						22				
Grade Points Earned						63				
Grade Point Average (GPA)						6.773				
Cumulative Credits Earned	144	Cumulative Grade Point Average (CGPA)				7.22	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624524** **Folio No.** AUK5229191

NAME OF THE CANDIDATE	ATHIVIGNESHKUMAR N					REGISTER NO.	953619104006
DATE OF BIRTH	28-FEB-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						92				
Grade Point Average (GPA)						8.071				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.77	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624525** **Folio No.** AUK5229192

NAME OF THE CANDIDATE	BHUJA SHRI R					REGISTER NO.	953619104007
DATE OF BIRTH	25-SEP-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	CS8075	Data Warehousing and Data Mining	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						83				
Grade Point Average (GPA)						7.107				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.04	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624526** **Folio No.** AUK5211507

NAME OF THE CANDIDATE	CHANDHRU R					REGISTER NO.	953619104008
DATE OF BIRTH	26-JUN-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						25				
Grade Points Earned						73				
Grade Point Average (GPA)						7.120				

Cumulative Credits Earned	147	Cumulative Grade Point Average (CGPA)	7.36	Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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Sl.No: **MA 6624527** **Folio No.** AUK5229193

NAME OF THE CANDIDATE	DHARINI B					REGISTER NO.	953619104009
DATE OF BIRTH	30-JUN-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8603	Distributed Systems	3	A+	9	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8601	Mobile Computing	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						95				
Grade Point Average (GPA)						8.321				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.52	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624528** **Folio No.** AUK5246957

NAME OF THE CANDIDATE	DHARSANA R					REGISTER NO.	953619104010
DATE OF BIRTH	28-DEC-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						86				
Grade Point Average (GPA)						7.679				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	7.99	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624529** **Folio No.** AUK5246958

NAME OF THE CANDIDATE	DINESH KUMAR M					REGISTER NO.	953619104011
DATE OF BIRTH	01-OCT-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						85				
Grade Point Average (GPA)						7.500				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.25	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624530** **Folio No.** AUK5246959

NAME OF THE CANDIDATE	GIFTY SHARON K					REGISTER NO.	953619104012
DATE OF BIRTH	05-AUG-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						89				
Grade Point Average (GPA)						7.643				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.52	Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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Sl.No: **MA 6624531** **Folio No.** AUK5175547

NAME OF THE CANDIDATE	GOPI SANKAR P					REGISTER NO.	953619104013
DATE OF BIRTH	31-DEC-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						91				
Grade Point Average (GPA)						8.107				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.75	Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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Sl.No: **MA 6624532** **Folio No.** AUK5157611

NAME OF THE CANDIDATE	HARIHARAN M					REGISTER NO.	953619104014
DATE OF BIRTH	05-MAY-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						83				
Grade Point Average (GPA)						7.429				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				7.98	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624478** **Folio No.** AUK5193464

NAME OF THE CANDIDATE	HARINI M					REGISTER NO.	953619104015
DATE OF BIRTH	11-APR-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8603	Distributed Systems	3	A+	9	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	A+	9	PASS
06	CS8601	Mobile Computing	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						100				
Grade Point Average (GPA)						9.036				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 8.95 **Medium of Instruction : ENGLISH**

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Sl.No: **MA 6624479** **Folio No.** AUK5229194

NAME OF THE CANDIDATE	IVARAJ C					REGISTER NO.	953619104016
DATE OF BIRTH	31-JUL-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A	8	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						83				
Grade Point Average (GPA)						7.393				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	7.75

Medium of Instruction : ENGLISH

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Sl.No: **MA 6624480** **Folio No.** AUK5264900

NAME OF THE CANDIDATE	JAYA DHARSHINI G					REGISTER NO.	953619104017
DATE OF BIRTH	04-AUG-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	O	10	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						100				
Grade Point Average (GPA)						8.893				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 9.41 **Medium of Instruction : ENGLISH**

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Sl.No: **MA 6624481** **Folio No.** AUK5229195

NAME OF THE CANDIDATE	JAYARANI M					REGISTER NO.	953619104018
DATE OF BIRTH	15-JUN-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	A+	9	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						97				
Grade Point Average (GPA)						8.714				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.59	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624482** **Folio No.** AUK5246960

NAME OF THE CANDIDATE	JAYA SHRI K K					REGISTER NO.	953619104019
DATE OF BIRTH	29-AUG-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						93				
Grade Point Average (GPA)						8.357				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.31	Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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Sl.No: **MA 6624483** **Folio No.** AUK5157612

NAME OF THE CANDIDATE	KANTHIMATHINATHAN A					REGISTER NO.	953619104020
DATE OF BIRTH	06-SEP-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8611	Mini Project	1	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8651	Internet Programming	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						85				
Grade Point Average (GPA)						7.679				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 8.11 **Medium of Instruction : ENGLISH**

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Sl.No: **MA 6624484** **Folio No.** AUK5175548

NAME OF THE CANDIDATE	KAVITHANJALI K					REGISTER NO.	953619104021
DATE OF BIRTH	20-JUN-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						92				
Grade Point Average (GPA)						8.214				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.15	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624485** **Folio No.** AUK5229196

NAME OF THE CANDIDATE	KISHORE KUMAR S					REGISTER NO.	953619104022
DATE OF BIRTH	01-SEP-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	B+	7	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	CS8602	Compiler Design	4	B	6	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						79				
Grade Point Average (GPA)						7.000				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				7.99	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624486** **Folio No.** AUK5211508

NAME OF THE CANDIDATE	KRISHNA K					REGISTER NO.	953619104023
DATE OF BIRTH	06-JAN-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8611	Mini Project	1	B+	7	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	B	6	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						82				
Grade Point Average (GPA)						7.250				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 8.23 **Medium of Instruction : ENGLISH**

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Sl.No: MA 6624487 **Folio No.** AUK5246961

NAME OF THE CANDIDATE	KRISHNA SRINIVAS P					REGISTER NO.	953619104024
DATE OF BIRTH	02-DEC-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8602	Compiler Design	4	B	6	PASS
06	CS8603	Distributed Systems	3	U	0	RA
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	U	0	RA
06	CS8651	Internet Programming	3	U	0	RA
06	CS8611	Mini Project	1	A	8	PASS
06	CS8601	Mobile Computing	3	U	0	RA
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						13				
Grade Points Earned						46				
Grade Point Average (GPA)						7.231				
Cumulative Credits Earned	135	Cumulative Grade Point Average (CGPA)				7.47	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624488** **Folio No.** AUK5175549

NAME OF THE CANDIDATE	LAVANYADEVI K					REGISTER NO.	953619104025
DATE OF BIRTH	17-MAR-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						89				
Grade Point Average (GPA)						7.893				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.09	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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B.E. DEGREE EXAMINATIONS
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Sl.No: **MA 6624489** **Folio No.** AUK5157613

NAME OF THE CANDIDATE	LOKESH IYYAPPAN A					REGISTER NO.	953619104026
DATE OF BIRTH	12-MAY-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						87				
Grade Point Average (GPA)						7.607				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				7.95	Medium of Instruction : ENGLISH			

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GRADE SHEET



Sl.No: **MA 6624490** **Folio No.** AUK5246962

NAME OF THE CANDIDATE	MALINI M					REGISTER NO.	953619104027
DATE OF BIRTH	25-JAN-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	B	6	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8603	Distributed Systems	3	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						93				
Grade Point Average (GPA)						8.179				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 8.27 **Medium of Instruction : ENGLISH**

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P. Santhanam

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B.E. DEGREE EXAMINATIONS
GRADE SHEET



Sl.No: **MA 6624491** **Folio No.** AUK5193465

NAME OF THE CANDIDATE	MATHESHWARAN N					REGISTER NO.	953619104028
DATE OF BIRTH	16-AUG-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8602	Compiler Design	4	U	0	RA
06	CS8611	Mini Project	1	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8651	Internet Programming	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						24				
Grade Points Earned						74				
Grade Point Average (GPA)						7.292				
Cumulative Credits Earned	146	Cumulative Grade Point Average (CGPA)				7.86	Medium of Instruction : ENGLISH			

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B.E. DEGREE EXAMINATIONS
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Sl.No: **MA 6624492** **Folio No.** AUK5139713

NAME OF THE CANDIDATE	MOHAMED SHEHIN S					REGISTER NO.	953619104029
DATE OF BIRTH	10-OCT-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8602	Compiler Design	4	U	0	RA
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						24				
Grade Points Earned						71				
Grade Point Average (GPA)						6.875				

Cumulative Credits Earned 146 **Cumulative Grade Point Average (CGPA)** 7.60 **Medium of Instruction : ENGLISH**

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B.E. DEGREE EXAMINATIONS
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Sl.No: **MA 6624493** **Folio No.** AUK5211509

NAME OF THE CANDIDATE	MUTHUARUNA C					REGISTER NO.	953619104030
DATE OF BIRTH	15-DEC-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						92				
Grade Point Average (GPA)						8.107				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.41	Medium of Instruction : ENGLISH

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B.E. DEGREE EXAMINATIONS
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Sl.No: **MA 6624494** **Folio No.** AUK5157614

NAME OF THE CANDIDATE	PRASATH A					REGISTER NO.	953619104031
DATE OF BIRTH	08-DEC-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8602	Compiler Design	4	U	0	RA
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						21				
Grade Points Earned						64				
Grade Point Average (GPA)						6.714				
Cumulative Credits Earned	143	Cumulative Grade Point Average (CGPA)				7.45	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624495** **Folio No.** AUK5264901

NAME OF THE CANDIDATE	RATHESH PRAVEEN P					REGISTER NO.	953619104032
DATE OF BIRTH	17-JAN-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						86				
Grade Point Average (GPA)						7.750				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				7.95	Medium of Instruction : ENGLISH			

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P. Santhosh

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ANNA UNIVERSITY, CHENNAI - 25
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Sl.No: **MA 6624496** **Folio No.** AUK5246963

NAME OF THE CANDIDATE	SAHANA SRI R					REGISTER NO.	953619104033
DATE OF BIRTH	18-APR-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	CS8611	Mini Project	1	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						91				
Grade Point Average (GPA)						8.179				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.28	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624497** **Folio No.** AUK5139714

NAME OF THE CANDIDATE	SAKTHISWATHI A					REGISTER NO.	953619104034
DATE OF BIRTH	08-JAN-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8651	Internet Programming	3	A+	9	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						97				
Grade Point Average (GPA)						8.643				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	9.06	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624498** **Folio No.** AUK5211510

NAME OF THE CANDIDATE	SANGEETHA P					REGISTER NO.	953619104035
DATE OF BIRTH	25-MAR-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						97				
Grade Point Average (GPA)						8.643				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.95	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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B.E. DEGREE EXAMINATIONS
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Sl.No: **MA 6624499** **Folio No.** AUK5175550

NAME OF THE CANDIDATE	SARAVANAKUMAR K					REGISTER NO.	953619104036
DATE OF BIRTH	07-OCT-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						84				
Grade Point Average (GPA)						7.571				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 7.78 **Medium of Instruction : ENGLISH**

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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B.E. DEGREE EXAMINATIONS
GRADE SHEET



Sl.No: **MA 6624500** **Folio No.** AUK5193466

NAME OF THE CANDIDATE	SHRIYA R					REGISTER NO.	953619104037
DATE OF BIRTH	15-MAY-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	CS8601	Mobile Computing	3	A+	9	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						91				
Grade Point Average (GPA)						8.214				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	8.39	Medium of Instruction : ENGLISH

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Sl.No: **MA 6624470** **Folio No.** AUK5229197

NAME OF THE CANDIDATE	SOPHIASREE K					REGISTER NO.	953619104038
DATE OF BIRTH	17-MAR-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	A+	9	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						99				
Grade Point Average (GPA)						8.857				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				9.28	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624471** **Folio No.** AUK5229198

NAME OF THE CANDIDATE	SRIRAM K					REGISTER NO.	953619104039
DATE OF BIRTH	01-OCT-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						90				
Grade Point Average (GPA)						7.929				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.11	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624472** **Folio No.** AUK5229199

NAME OF THE CANDIDATE	SRI RAMAKRISHNAN J					REGISTER NO.	953619104040
DATE OF BIRTH	30-SEP-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A	8	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						82				
Grade Point Average (GPA)						7.214				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	7.63

Medium of Instruction : ENGLISH

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Sl.No: **MA 6624473** **Folio No.** AUK5175551

NAME OF THE CANDIDATE	SWATHIKA B					REGISTER NO.	953619104041
DATE OF BIRTH	18-JUL-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						94				
Grade Point Average (GPA)						8.357				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.72	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624474** **Folio No.** AUK5139715

NAME OF THE CANDIDATE	SWATHY SANTHOSH					REGISTER NO.	953619104042
DATE OF BIRTH	10-OCT-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						85				
Grade Point Average (GPA)						7.464				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 7.89 **Medium of Instruction : ENGLISH**

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Sl.No: **MA 6624475** **Folio No.** AUK5139716

NAME OF THE CANDIDATE	THARINI K					REGISTER NO.	953619104043
DATE OF BIRTH	01-OCT-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	A+	9	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8603	Distributed Systems	3	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						96				
Grade Point Average (GPA)						8.536				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 8.57 **Medium of Instruction : ENGLISH**

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Sl.No: **MA 6624476** **Folio No.** AUK5193467

NAME OF THE CANDIDATE	THARUNKUMAR B					REGISTER NO.	953619104044
DATE OF BIRTH	05-APR-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	HS8581	Professional Communication	1	B+	7	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						80				
Grade Point Average (GPA)						7.071				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 7.95 **Medium of Instruction : ENGLISH**

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Sl.No: **MA 6624477** **Folio No.** AUK5246964

NAME OF THE CANDIDATE	ULAGESWARAN T					REGISTER NO.	953619104045
DATE OF BIRTH	24-JUN-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						85				
Grade Point Average (GPA)						7.464				

Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)	7.78	Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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Sl.No: **MA 6624444** **Folio No.** AUK5193468

NAME OF THE CANDIDATE	VAISHNAVI V S					REGISTER NO.	953619104046
DATE OF BIRTH	07-AUG-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A+	9	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A+	9	PASS
06	CS8601	Mobile Computing	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						96				
Grade Point Average (GPA)						8.607				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.67	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624445** **Folio No.** AUK5229200

NAME OF THE CANDIDATE	VAISHNAVIRAJAM R					REGISTER NO.	953619104047
DATE OF BIRTH	17-JUN-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						87				
Grade Point Average (GPA)						7.679				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.23	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624446** **Folio No.** AUK5211511

NAME OF THE CANDIDATE	VIDHYA V					REGISTER NO.	953619104048
DATE OF BIRTH	27-DEC-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	B+	7	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	B+	7	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						88				
Grade Point Average (GPA)						7.607				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.60	Medium of Instruction : ENGLISH			

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Sl.No: **MA 6624447** **Folio No.** AUK5264902

NAME OF THE CANDIDATE	VIGNESH A					REGISTER NO.	953619104049
DATE OF BIRTH	25-MAY-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8601	Mobile Computing	3	B+	7	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						86				
Grade Point Average (GPA)						7.679				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.26	Medium of Instruction : ENGLISH			

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Chennai - 600 025.
Date : 02-12-2022

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B.E. DEGREE EXAMINATIONS
GRADE SHEET



Sl.No: **MA 6624448** **Folio No.** AUK5175552

NAME OF THE CANDIDATE	VIJAIBALAJI N					REGISTER NO.	953619104050
DATE OF BIRTH	24-JUN-2000	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	B+	7	PASS
06	CS8611	Mini Project	1	B+	7	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	B+	7	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	CS8602	Compiler Design	4	U	0	RA
06	GE8076	Professional Ethics in Engineering	3	B+	7	PASS
06	CS8601	Mobile Computing	3	U	0	RA
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A	8	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						21				
Grade Points Earned						62				
Grade Point Average (GPA)						6.762				

Cumulative Credits Earned	143	Cumulative Grade Point Average (CGPA)	7.68

Medium of Instruction : ENGLISH

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Chennai - 600 025.
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B.E. DEGREE EXAMINATIONS
GRADE SHEET



Sl.No: **MA 6624449** **Folio No.** AUK5229201

NAME OF THE CANDIDATE	VIJAY AADHITHYA M					REGISTER NO.	953619104051
DATE OF BIRTH	14-APR-2002	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						92				
Grade Point Average (GPA)						8.071				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.63	Medium of Instruction : ENGLISH			

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GRADE SHEET



Sl.No: **MA 6624450** **Folio No.** AUK5139717

NAME OF THE CANDIDATE	VIJAYALAKSHMI R					REGISTER NO.	953619104052
DATE OF BIRTH	26-OCT-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8603	Distributed Systems	3	A+	9	PASS
06	GE8076	Professional Ethics in Engineering	3	A+	9	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						95				
Grade Point Average (GPA)						8.464				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.57	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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Date : 02-12-2022

SIGNATURE OF THE CANDIDATE

P. Santhanam

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B.E. DEGREE EXAMINATIONS
GRADE SHEET



Sl.No: **MA 6624451** **Folio No.** AUK5175553

NAME OF THE CANDIDATE	VISWAJITH SAAIRAM S K					REGISTER NO.	953619104053
DATE OF BIRTH	17-NOV-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8602	Compiler Design	4	B	6	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8611	Mini Project	1	B+	7	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	A	8	PASS
06	CS8075	Data Warehousing and Data Mining	3	B	6	PASS
06	CS8603	Distributed Systems	3	B+	7	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						79				
Grade Point Average (GPA)						6.964				

Cumulative Credits Earned 150 **Cumulative Grade Point Average (CGPA)** 7.97 **Medium of Instruction : ENGLISH**

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GRADE SHEET



Sl.No: **MA 6624452** **Folio No.** AUK5139718

NAME OF THE CANDIDATE	VITHYA THARANI M					REGISTER NO.	953619104054
DATE OF BIRTH	17-OCT-2000	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	B+	7	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8691	Artificial Intelligence	3	B+	7	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	B	6	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						87				
Grade Point Average (GPA)						7.643				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.15	Medium of Instruction : ENGLISH			

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GRADE SHEET



Sl.No: **MA 6624453** **Folio No.** AUK5193469

NAME OF THE CANDIDATE	YUVAASRI R K					REGISTER NO.	953619104055
DATE OF BIRTH	30-APR-2002	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	O	10	PASS
06	CS8611	Mini Project	1	O	10	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	HS8581	Professional Communication	1	A	8	PASS
06	CS8691	Artificial Intelligence	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	CS8075	Data Warehousing and Data Mining	3	A	8	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A+	9	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						95				
Grade Point Average (GPA)						8.464				
Cumulative Credits Earned	150	Cumulative Grade Point Average (CGPA)				8.40	Medium of Instruction : ENGLISH			

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GRADE SHEET



Sl.No: **MA 6624454** **Folio No.** AUK5157615

NAME OF THE CANDIDATE	JAYA RAMA SANKARA MOORTHI J					REGISTER NO.	953619104301
DATE OF BIRTH	29-OCT-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8601	Mobile Computing	3	B	6	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
06	CS8662	Mobile Application Development Laboratory	2	A+	9	PASS
06	CS8651	Internet Programming	3	B	6	PASS
06	CS8603	Distributed Systems	3	B	6	PASS
06	CS8602	Compiler Design	4	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						25				
Grade Points Earned						74				
Grade Point Average (GPA)						6.960				

Cumulative Credits Earned	98	Cumulative Grade Point Average (CGPA)	7.67

Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025.
Date : 02-12-2022

SIGNATURE OF THE CANDIDATE

P. Sarathkumar

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GRADE SHEET



Sl.No: **MA 6624455** **Folio No.** AUK5264903

NAME OF THE CANDIDATE	KOWSHIK R					REGISTER NO.	953619104302
DATE OF BIRTH	18-OCT-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2022	DATE OF PUBLICATION	18-SEP-2022
COLLEGE OF STUDY	RAMCO INSTITUTE OF TECHNOLOGY					REGULATIONS	2017(CBCS)
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS8661	Internet Programming Laboratory	2	A+	9	PASS
06	CS8602	Compiler Design	4	A	8	PASS
06	CS8601	Mobile Computing	3	A	8	PASS
06	CS8651	Internet Programming	3	A	8	PASS
06	CS8611	Mini Project	1	A+	9	PASS
06	CS8603	Distributed Systems	3	A	8	PASS
06	GE8076	Professional Ethics in Engineering	3	A	8	PASS
06	CS8662	Mobile Application Development Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	GE8075	Intellectual Property Rights	3	A	8	PASS
06	CS8691	Artificial Intelligence	3	B	6	PASS
		Value Added Course(s)				
06	IVA086	MERN Stack	2	A+	9	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						28				
Credits Earned						28				
Grade Points Earned						91				
Grade Point Average (GPA)						8.071				
Cumulative Credits Earned	101	Cumulative Grade Point Average (CGPA)				8.17	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

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Chennai - 600 025.
Date : 02-12-2022

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CONTROLLER OF EXAMINATIONS i/c

udemy

Certificate no: UC-bd820f3d-cdfb-4342-8946-99277a80f028
Certificate url: ude.my/UC-bd820f3d-cdfb-4342-8946-99277a80f028
Reference Number: 0004

CERTIFICATE OF COMPLETION

2021 Beginner's guide to Cyber Security

Instructors **George Proorocu, Alexandru - Madalin Ghenea**

Gnanaguru Vignesh.J

Date **July 17, 2021**
Length **1.5 total hours**

udemy

Certificate no: UC-e9bc6b4f-1921-4c1b-b34a-5a6d3bb54089
Certificate url: ude.my/UC-e9bc6b4f-1921-4c1b-b34a-5a6d3bb54089
Reference Number: 0004

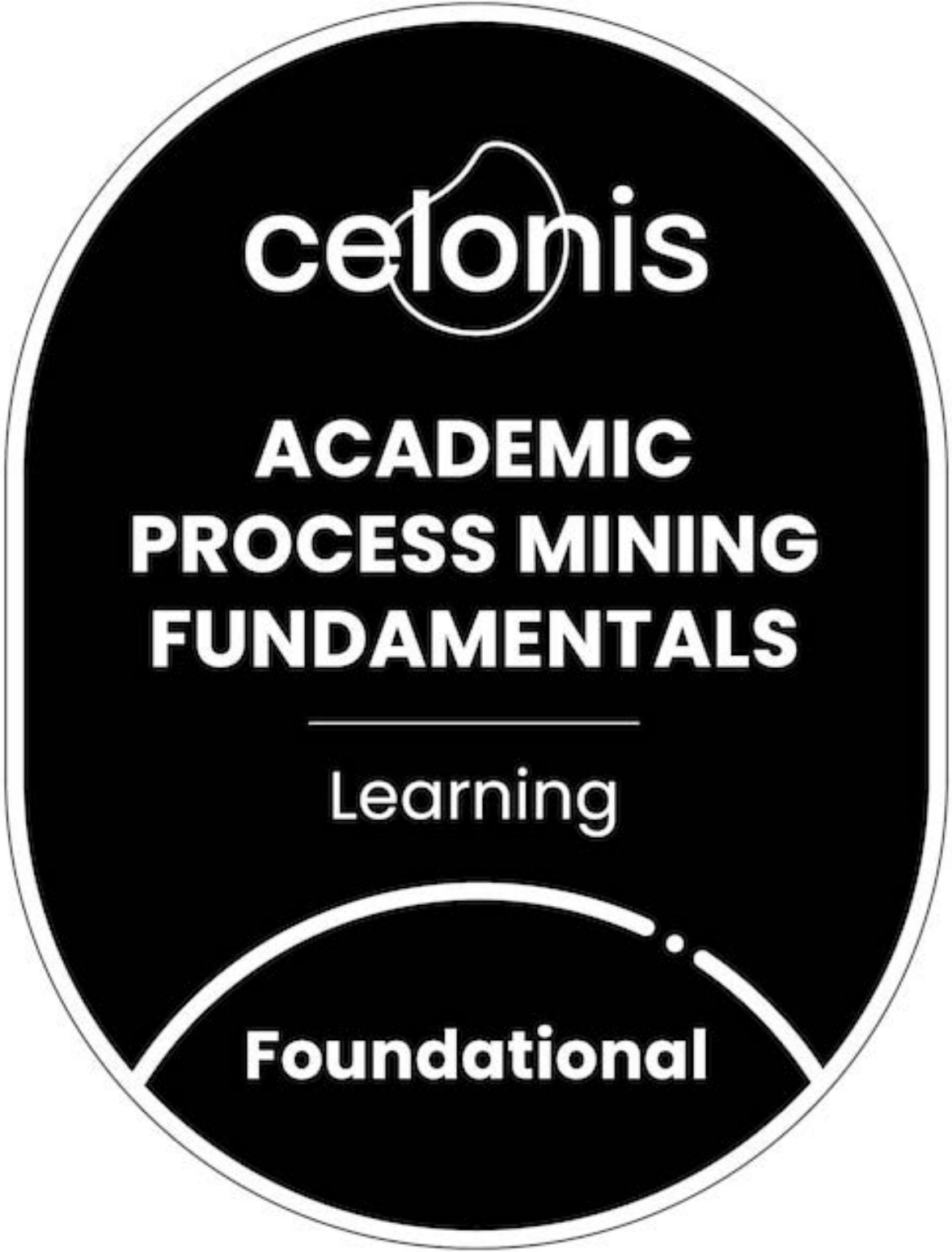
CERTIFICATE OF COMPLETION

2021 TOP MS EXCEL Templates and Dashboards with applications

Instructors **SMARTER ACADEMY**

Muthuaruna C

Date **July 28, 2021**
Length **1.5 total hours**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PROCESS MINING
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Certificate of Completion

This is to certify that ***Subhiksha*** *successfully completed 10.5 total hours of* ***Android App Development Bootcamp with Kotlin - Masterclass*** *online course on July 12, 2021*

TechBinz Academy

TechBinz Academy, Instructor

&

Udemy

Certificate no: **UC-3203dcc7-1f8c-4f95-b836-947b2c033cb1**
Certificate url: **ude.my/UC-3203dcc7-1f8c-4f95-b836-947b2c033cb1**
Version 3

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CERTIFICATE OF COMPLETION

Presented to

Gopiy K.J.

For successfully completing a free online course

Android Application Development

Provided by

Great Learning Academy

(On October 2021)

To verify this certificate visit verify.greatlearning.in/LAXALMJZ

udemy

Certificate no: UC-ef730769-4555-45a0-b1ff-a07382a1d882
Certificate url: ude.my/UC-ef730769-4555-45a0-b1ff-a07382a1d882
Reference Number: 0004

CERTIFICATE OF COMPLETION

Artificial Intelligence in App Creation: Beginners Edition

Instructors **Srinidhi Ranganathan, Saranya Srinidhi, First Look Digital Marketing Solutions Pvt. Ltd.**

Shakthi S

Date **July 21, 2021**
Length **1 total hour**

udemy

Certificate no: UC-ef6ea9b3-33d8-4e6e-a053-f7ebf10a1466
Certificate url: ude.my/UC-ef6ea9b3-33d8-4e6e-a053-f7ebf10a1466
Reference Number: 0004

CERTIFICATE OF COMPLETION

Artificial Intelligence in Video Creation: Supreme Edition

Instructors **Srinidhi Ranganathan**

Gopiy K J

Date **Aug. 20, 2021**
Length **2 total hours**

Academy
Europe
EUROPEAN OPEN UNIVERSITY

CERTIFICATE

This certifies that

Shriya R

has satisfactorily completed the course of study in

Artificial Neural Network

PROFESSIONAL CERTIFICATE PROGRAM

Awarded Date

09/07/2021

Alper Karakus
President – Open Learning, AEU

Ursula Hermann
Director – Continuing Education, AEU

Certificate of Completion

This is to certify that ***Subhiksha*** *successfully completed 11 total hours of* ***AWS Services for Solutions Architect Associate [2021]*** *online course on July 12, 2021*

Ed Yoda Digital University
EdYoda Digital University, Instructor

Ashish Pandey
Ashish Pandey, Instructor

&

Udemy

Certificate no: **UC-84806040-2dc5-4556-b199-37a21048cc49**
Certificate url: **ude.my/UC-84806040-2dc5-4556-b199-37a21048cc49**
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CERTIFICATE OF COMPLETION

Presented to

ABINAYA M

For successfully completing a free online course

Basics of Machine Learning

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/DTIEKVIX

CERTIFICATE OF COMPLETION

Presented to

Srinidhi R

For successfully completing a free online course

Basics of Machine Learning

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/KSJADWAC

TRAININDIA

PRIME5C

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

Lakshmi Priya

in formal recognition of the completion of
Basics of Managing Money - An Orientation 4 Hours Online Course

P. Venkatesh Athreya

Venkatesh Athreya
Director

Certificate Number : TI-MM-9212
Issued Date : 16th August 2021

TRAININDIA

PRIME5C

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

Sathish Kumar.K

in formal recognition of the completion of
Basics of Managing Money - An Orientation 4 Hours Online Course

P. Venkatesh Athreya

Venkatesh Athreya
Director

Certificate Number : TI-MM-12090
Issued Date : 22nd August 2021

TRAININDIA

PRIME5C

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

Tharani.M.N

in formal recognition of the completion of
Basics of Managing Money - An Orientation 4 Hours Online Course

P. Venkatesh Athreya

Venkatesh Athreya
Director

Certificate Number : TI-MM-8138
Issued Date : 14th August 2021

TRAININDIA

PRIMESC

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

VAISHNAVI M

in formal recognition of the completion of
Basics of Managing Money - An Orientation 4 Hours Online Course

Venkatesh Athreya
Director

Certificate Number : TI-MM-3850
Issued Date : 05th August 2021

TRAININDIA

PRIMESC

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

Venesha L

in formal recognition of the completion of
Basics of Managing Money - An Orientation 4 Hours Online Course

Venkatesh Athreya
Director

Certificate Number : TI-MM-7101
Issued Date : 12th August 2021

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MUTHUARUNA C

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C - Programming Course (Hands-On)

on

29-Jul-2021

Verification URL: www.skillrack.com/cert/217156/MJX

Skill Rack
where skill is certified

Certificate of Completion

This is to certify that

BHUJA SHRI R

has successfully completed

C - 50 VERY-EASY CHALLENGES

on

11-Sep-2021

Verification URL: www.skillrack.com/cert/229103/YGA


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- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Bowyaa L

Student

ICT Academy

Academy Name

India

Location

5 Aug 2021

Date

Saravanan Gurusamy

Instructor

Instructor Signature

Corporate Social Responsibility

Certificate of Course Completion

Cisco Networking Academy

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Keerthana V

Student

ICT Academy

Academy Name

India

Location

5 Aug 2021

Date

Saravanan Gurusamy

Instructor

Instructor Signature

Corporate Social Responsibility

Certificate of Course Completion

Cisco Networking Academy

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Harsha R

Student

ICT Academy

Academy Name

India

Location

7 Aug 2021

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

Corporate Social Responsibility

Certificate of Course Completion

Cisco Networking Academy

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Muthu Kumar K

Student

ICT Academy

Academy Name

India

Location

14 Aug 2021

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Pavithra K

Student

ICT Academy

Academy Name

India

Location

6 Aug 2021

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Pooja lakshmi T

Student

ICT Academy

Academy Name

India

Location

29 Aug 2021

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Sakthiswathi A

Student

ICT Academy

Academy Name

India

Location

28 Jul 2021

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Sathishkumar Karuppasamy

Student

ICT Academy

Academy Name

India

Location

19 Aug 2021

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

MathWorks® | *Training Services*

Course Completion Certificate

PAVITHRA K

has successfully completed **100%** of the self-paced training course

Deep Learning Onramp

DIRECTOR, TRAINING SERVICES

08 August 2021

Certificate of Completion

This is to certify that ***LakshmipriyaGopal*** *successfully completed 42 total mins of* ***First Steps Into Public Speaking*** *online course on July 11, 2021*

Nevcihan Dogan

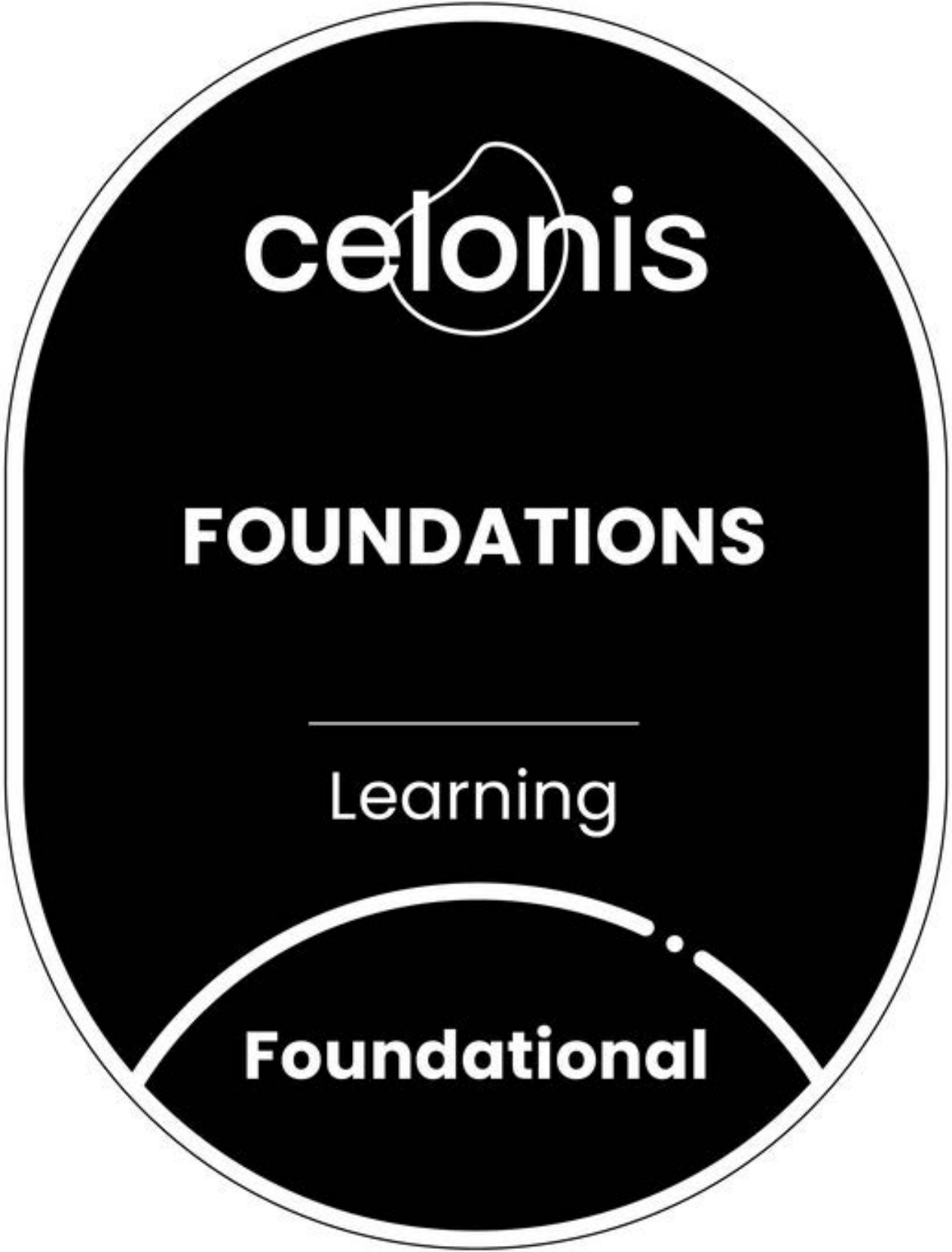
Nevcihan Dogan, Instructor

&

Udemy

Certificate no: UC-cca541e9-fdb6-4c1d-977a-287bb03a763a
Certificate url: ude.my/UC-cca541e9-fdb6-4c1d-977a-287bb03a763a
Version 3

#BeAble


celonis
FOUNDATIONS
Learning
Foundational

Google

COURSE CERTIFICATE

Jul 28, 2021

SWATHIKA B

has successfully completed

Foundations of Project Management

an online non-credit course authorized by Google and offered through Coursera



Google

Google

Verify at coursera.org/verify/3DSA4CM5S6F3

Coursera has confirmed the identity of this individual and their participation in the course.

Certificate of Completion

This is to certify that ***Kanthimathinathan A*** *successfully completed 9.5 total hours of* ***Full Stack Programming for Complete Beginners in Python*** *online course on July 11, 2021*

Abdul Rauf

Abdul Rauf, Instructor

&

Udemy

Certificate no: **UC-e656b25f-ed0b-4084-86c5-45ee7660e4d9**
Certificate url: **ude.my/UC-e656b25f-ed0b-4084-86c5-45ee7660e4d9**
Version 3

#BeAble

Certificate of Completion

*This is to certify that **Muthuaruna C** successfully completed 9.5 total hours of **Full Stack Programming for Complete Beginners in Python** online course on July 5, 2021*

Abdul Rauf

Abdul Rauf, Instructor

&

Udemy

Certificate no: UC-d6a2cc13-2408-47de-9252-f11bc576a440
Certificate url: ude.my/UC-d6a2cc13-2408-47de-9252-f11bc576a440
Version 3

#BeAble

udemy

Certificate no: UC-824657b2-3e78-4616-b738-75a8d20167b4
Certificate url: ude.my/UC-824657b2-3e78-4616-b738-75a8d20167b4
Reference Number: 0004

CERTIFICATE OF COMPLETION

Full Stack Programming for Complete Beginners in Python

Instructors **Abdul Rauf**

Vaishnavirajam R

Date **July 19, 2021**
Length **9.5 total hours**

Certificate of Completion

This is to certify that ***Kanthimathinathan A*** *successfully completed 4 total hours of* ***Google Data Studio A-Z for Data Visualization and Dashboards*** *online course on July 11, 2021*

Start-Tech Academy

Start-Tech Academy, Instructor

&

Udemy

Certificate no: **UC-31245260-5305-43a2-b14d-144748fcdb47**
Certificate url: **ude.my/UC-31245260-5305-43a2-b14d-144748fcdb47**
Version 3

#BeAble

udemy

Certificate no: UC-c6e466cd-132c-433f-8a7e-1803aac1960c
Certificate url: ude.my/UC-c6e466cd-132c-433f-8a7e-1803aac1960c
Reference Number: 0004

CERTIFICATE OF COMPLETION

Google Data Studio A-Z for Data Visualization and Dashboards

Instructors **Start-Tech Academy**

Muthuaruna C

Date **July 20, 2021**
Length **4 total hours**

udemy

Certificate no: UC-cd18363f-c5d0-4876-a0ce-f97db7879187
Certificate url: ude.my/UC-cd18363f-c5d0-4876-a0ce-f97db7879187
Reference Number: 0004

CERTIFICATE OF COMPLETION

Graphic Design Certification - Learn Graphic Design Tools

Instructors **Srinidhi Ranganathan**

Divya

Date **July 16, 2021**
Length **1.5 total hours**

Certificate of Completion

This is to certify that ***Gnanaguru Vignesh.J*** *successfully completed 1.5 total hours of* ***Graphic Design Certification - Learn Graphic Design Tools*** *online course on 12 Jul 2021*

Srinidhi Ranganathan

Srinidhi Ranganathan, Instructor

&

Udemy

Certificate no: **UC-a2b57f52-b50c-44d9-850f-da579ce27316**
Certificate url: **ude.my/UC-a2b57f52-b50c-44d9-850f-da579ce27316**
Version 3

#BeAble

MathWorks® | *Training Services*

Course Completion Certificate

Harsha R

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

08 August 2021

MathWorks® | Training Services

Course Completion Certificate

Sathishkumar Karuppasamy

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

08 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Joe Alan

has successfully completed **100%** of the self-paced training course

Image Processing Onramp



DIRECTOR, TRAINING SERVICES

12 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Keerthana V

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

15 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Lakshmi Priya Gopalakrishnan

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

20 August 2021

MathWorks® | Training Services

Course Completion Certificate

PAVITHRA K

has successfully completed **100%** of the self-paced training course

Image Processing Onramp



DIRECTOR, TRAINING SERVICES

11 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Pooja lakshmi T

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

28 August 2021

MathWorks® | Training Services

Course Completion Certificate

Sathishkumar Karuppasamy

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

08 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Siva Kumar

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

28 August 2021

MathWorks | *Training Services*

Course Completion Certificate

sowmiya venkatesan

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

25 August 2021

MathWorks® | *Training Services*

Progress Report

Name: Venesha L

Course: Image Processing Onramp

Progress: **100%** complete (as of 09 August 2021)

Chapters

1. Introduction **100%**
2. Working with Images in MATLAB **100%**
3. Segmenting an Image **100%**
4. Pre- and Postprocessing Techniques **100%**
5. Classification and Batch Processing **100%**
6. Conclusion **100%**

Release: R2021a | Language: English

CERTIFICATE OF COMPLETION

Presented to

Srinidhi R

For successfully completing a free online course

Introduction to Algorithm in C

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/FRCCGHVW

CERTIFICATE OF COMPLETION

Presented to

ABINAYA M

For successfully completing a free online course

Introduction to C

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/NNDUTXKF

CERTIFICATE OF COMPLETION

Presented to

Srinidhi R

For successfully completing a free online course

Introduction to C

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/KTDDQRWE

CERTIFICATE OF COMPLETION

Presented to

SIVAKUMAR P

For successfully completing a free online course

Introduction to C

Provided by

Great Learning Academy

(On August 2021)

To verify this certificate visit verify.greatlearning.in/WUOFXQDF

kaggle

CERTIFICATE OF COMPLETION

Harsha R

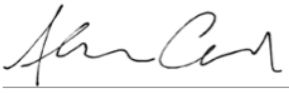
HAS SUCCESSFULLY COMPLETED THE COURSE

Intro to Machine Learning

ON AUGUST 11, 2021



DAN BECKER, KAGGLE INSTRUCTOR



ALEXIS COOK, HEAD OF KAGGLE LEARN

COURSE CERTIFICATE

This is to certify that

Harsha R

has successfully completed the course by demonstrating theoretical and practical understanding of

Java





Yeva Hyusyan
Chief Executive Officer

sololearn

Certificate 21690712-1068
Issued 20 August, 2021

CERTIFICATE OF COMPLETION

Presented to

Divya M K

For successfully completing a free online course

Java Programming

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/YYZCDUYC

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Muthu Brijesh R

For successfully completing a free online course

Java Programming

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/SLXNXARJ

Certificate of Completion

*This is to certify that **Muthuaruna C** successfully completed 6 total hours of **JavaScript Ultimate Course** online course on July 4, 2021*

Learn Tech Plus

Learn Tech Plus, Instructor

&

Udemy

Certificate no: UC-5a368ad4-f688-44c1-b0a4-07f333f6c75a
Certificate url: ude.my/UC-5a368ad4-f688-44c1-b0a4-07f333f6c75a
Version 3

#BeAble

udemy

Certificate no: UC-1929f1d7-94b0-4995-84a6-e7a749e6e8d7
Certificate url: ude.my/UC-1929f1d7-94b0-4995-84a6-e7a749e6e8d7
Reference Number: 0004

CERTIFICATE OF COMPLETION

JavaScript Ultimate Course

Instructors **Learn Tech Plus**

Vaishnavirajam R

Date **July 20, 2021**
Length **6 total hours**

Skill Rack
where skill is certified

Certificate of Completion

This is to certify that

KANTHIMATHINATHAN A

has successfully completed

KICKSTART (Code Solution)

on

10-Sep-2021

Verification URL: www.skillrack.com/cert/228902/TMW

Skill Rack
where skill is certified

Certificate of Completion

This is to certify that

SWATHIKA B

has successfully completed

KICKSTART (Code Solution)

on

04-Jul-2021

Verification URL: www.skillrack.com/cert/212516/PJH

udemy

Certificate no: UC-3e0e7a70-cdf9-49b3-a57f-1933db907f55
Certificate url: ude.my/UC-3e0e7a70-cdf9-49b3-a57f-1933db907f55
Reference Number: 0004

CERTIFICATE OF COMPLETION

Learn Basics Of Adobe After Effects CC 2021 for Beginners

Instructors **AK Media**

Muthuaruna C

Date **July 28, 2021**
Length **34 total mins**

MathWorks® | *Training Services*

Course Completion Certificate

Venesha L

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

09 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Bowyaa L

has successfully completed **100%** of the self-paced training course

Machine Learning with MATLAB

DIRECTOR, TRAINING SERVICES

10 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

ESAKKIRAJA A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

19 November 2021

MathWorks® | *Training Services*

Course Completion Certificate

PAVITHRA K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

03 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Shanmugapriya Raj

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

23 August 2021

udemy

Certificate no: UC-2c41ef99-8c55-4ce6-b3b8-4d654eea8aba
Certificate url: ude.my/UC-2c41ef99-8c55-4ce6-b3b8-4d654eea8aba
Reference Number: 0004

CERTIFICATE OF COMPLETION

Modern JavaScript for React JS - ES6.

Instructors **EdYoda Digital University, Qaifi Khan**

SAKTHISWATHI A

Date **July 24, 2021**
Length **1.5 total hours**

Badges



BADGE

Analyze images with the Computer Vision service

Completed on 8/8/2021



BADGE

Analyze receipts with the Form Recognizer service

Completed on 8/8/2021



BADGE

Analyze text with the Text Analytics service

Completed on 8/8/2021



BADGE

Build a bot with QnA Maker and Azure Bot Service

Completed on 8/8/2021



BADGE

Classify images with the Custom Vision service

Completed on 8/8/2021



BADGE

Create a classification model with Azure Machine Learning designer

Completed on 8/8/2021



BADGE

Create a Clustering Model with Azure Machine Learning designer

Completed on 8/8/2021



BADGE

Create a language model with Language Understanding

Completed on 8/8/2021



BADGE

Create a Regression Model with Azure Machine Learning designer

Completed on 8/8/2021



BADGE

Detect and analyze faces with the Face service

Completed on 8/8/2021



BADGE

Detect objects in images with the Custom Vision service

Completed on 8/8/2021



BADGE

Get started with AI on Azure

Completed on 8/8/2021



BADGE

Read text with the Computer Vision service

Completed on 8/8/2021



BADGE

Recognize and synthesize speech

Completed on 8/8/2021



BADGE

Translate text and speech

Completed on 8/8/2021



BADGE

Use automated machine learning in Azure Machine Learning

Completed on 8/8/2021

Trophies



TROPHY

Use visual tools to create machine learning models with Azure Machine Learning

Completed on 8/8/2021



TROPHY

Explore computer vision in Microsoft Azure

Completed on 8/8/2021



TROPHY

Explore conversational AI

Completed on 8/8/2021



TROPHY

Explore natural language processing

Completed on 8/8/2021



TROPHY

Get started with artificial intelligence on Azure

Completed on 8/8/2021

Badges



BADGE

Analyze images with the Computer Vision service

Completed on 8/13/2021



BADGE

Analyze receipts with the Form Recognizer service

Completed on 8/13/2021



BADGE

Analyze text with the Text Analytics service

Completed on 8/13/2021



BADGE

Build a bot with QnA Maker and Azure Bot Service

Completed on 8/13/2021



BADGE

Classify images with the Custom Vision service

Completed on 8/13/2021



BADGE

Create a classification model with Azure Machine Learning designer

Completed on 8/13/2021



BADGE

Create a Clustering Model with Azure Machine Learning designer

Completed on 8/13/2021



BADGE

Create a language model with Language Understanding

Completed on 8/13/2021



BADGE

Create a Regression Model with Azure Machine Learning designer

Completed on 8/10/2021



BADGE

Detect and analyze faces with the Face service

Completed on 8/13/2021



BADGE

Detect objects in images with the Custom Vision service

Completed on 8/13/2021



BADGE

Get started with AI on Azure

Completed on 8/10/2021



BADGE

Read text with the Computer Vision service

Completed on 8/13/2021



BADGE

Recognize and synthesize speech

Completed on 8/13/2021



BADGE

Translate text and speech

Completed on 8/13/2021



BADGE

Use automated machine learning in Azure Machine Learning

Completed on 8/10/2021

Trophies



TROPHY

Use visual tools to create machine learning models with Azure Machine Learning

Completed on 8/13/2021



TROPHY

Explore computer vision in Microsoft Azure

Completed on 8/13/2021



TROPHY

Explore conversational AI

Completed on 8/13/2021



TROPHY

Explore natural language processing

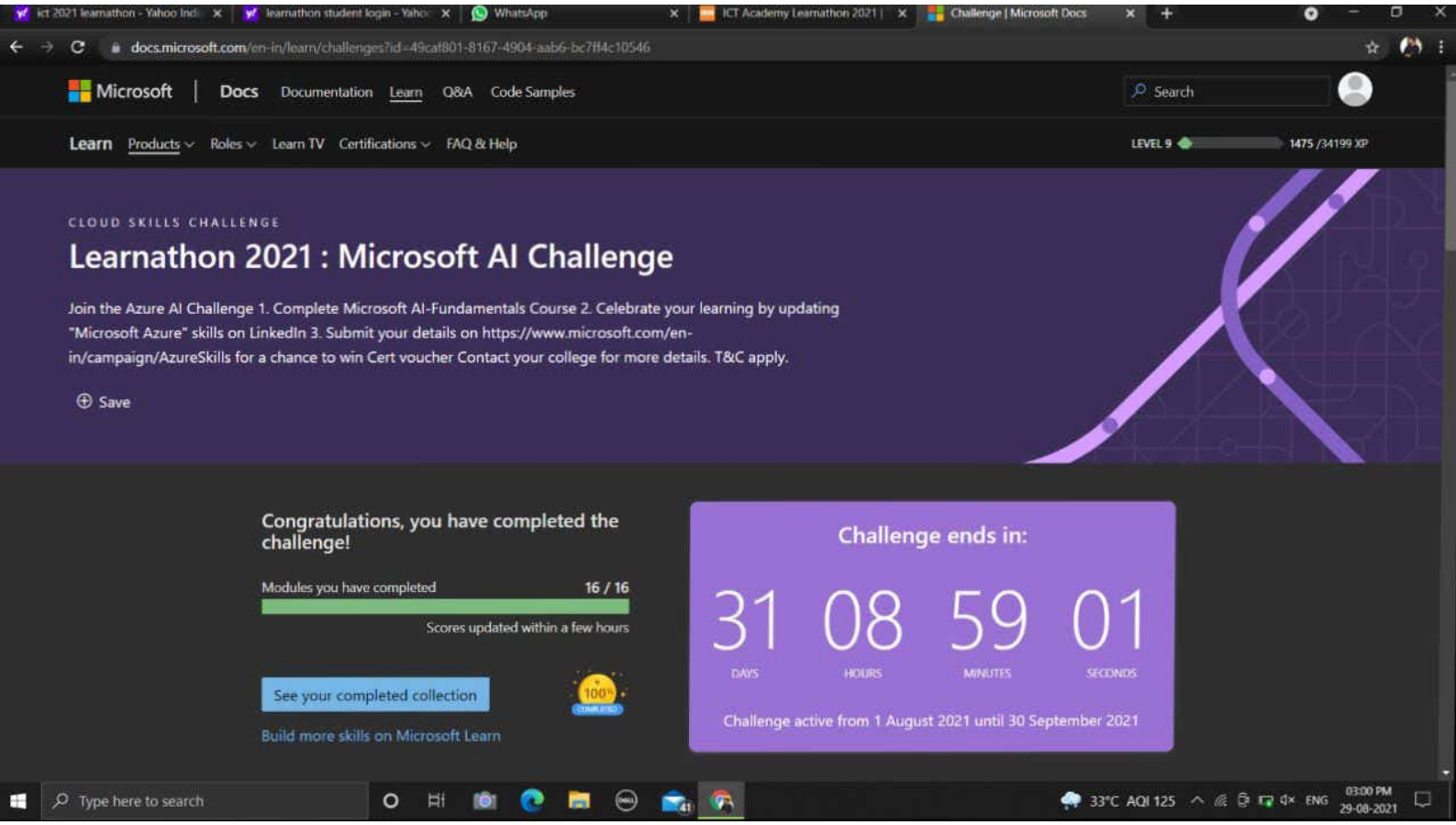
Completed on 8/13/2021



TROPHY

Get started with artificial intelligence on Azure

Completed on 8/10/2021


ict 2021 learnathon - Yahoo Indi
learnathon student login - Yahoo
WhatsApp
ICT Academy Learnathon 2021 |
Challenge | Microsoft Docs
docs.microsoft.com/en-in/learn/challenges?id=49caf801-8167-4904-aab6-bc7ff4c10546
Microsoft | Docs
Documentation
Learn
Q&A
Code Samples
Search
Learn
Products
Roles
Learn TV
Certifications
FAQ & Help
LEVEL 9
1475 /34199 XP
CLOUD SKILLS CHALLENGE
Learnathon 2021 : Microsoft AI Challenge
Join the Azure AI Challenge 1. Complete Microsoft AI-Fundamentals Course 2. Celebrate your learning by updating "Microsoft Azure" skills on LinkedIn 3. Submit your details on https://www.microsoft.com/en-in/campaign/AzureSkills for a chance to win Cert voucher Contact your college for more details. T&C apply.
Save
Congratulations, you have completed the challenge!
Modules you have completed
16 / 16
Scores updated within a few hours
See your completed collection
100%
COMPLETED
Build more skills on Microsoft Learn
Challenge ends in:
31 DAYS
08 HOURS
59 MINUTES
01 SECONDS
Challenge active from 1 August 2021 until 30 September 2021
Type here to search
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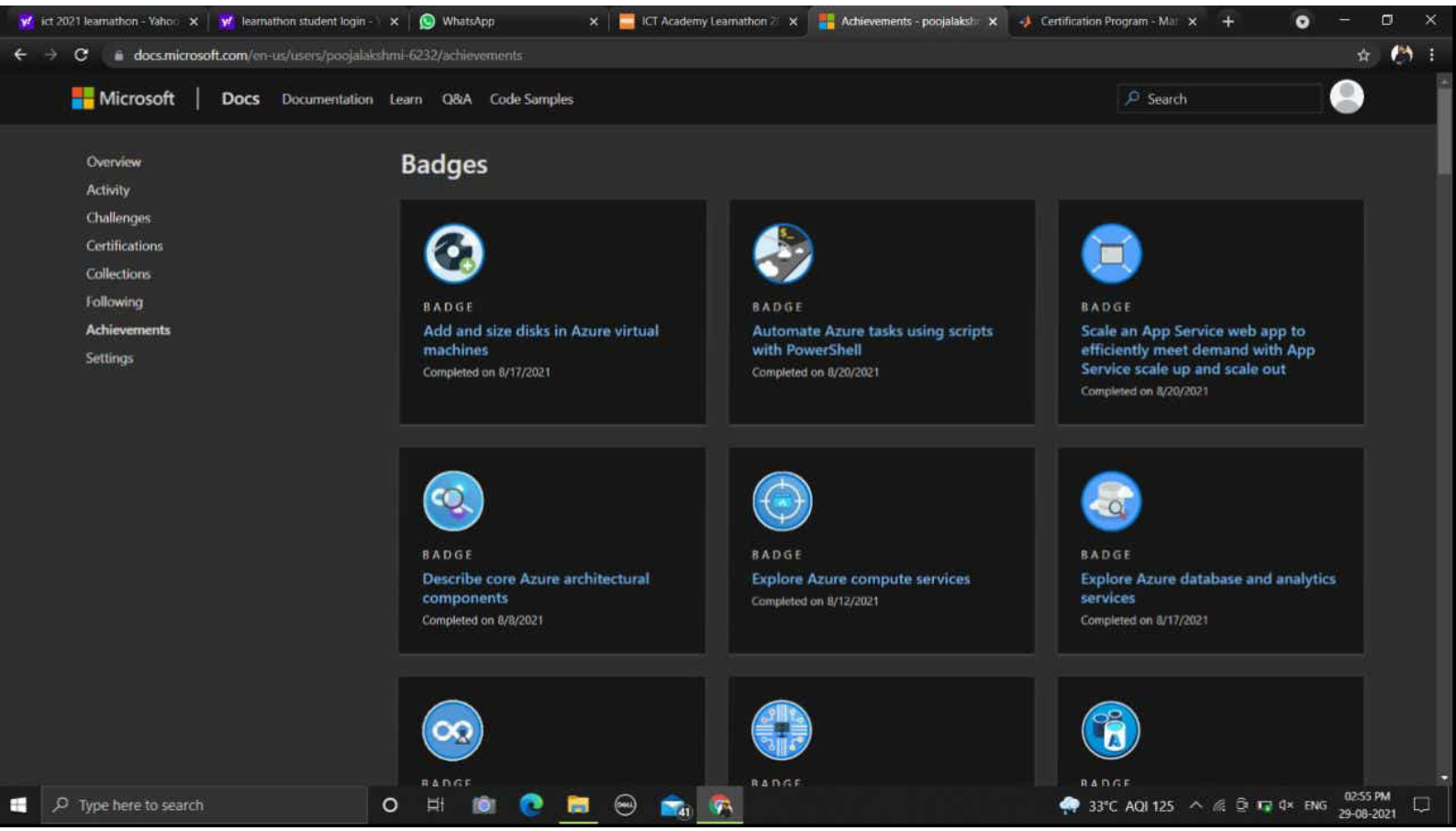
ENG
03:00 PM
29-08-2021


ict 2021 learnathon - Yahoo
learnathon student login -
WhatsApp
ICT Academy Learnathon 2
Achievements - poojalaksh
Certification Program - Mat
docs.microsoft.com/en-us/users/poojalakshmi-6232/achievements
Microsoft
Docs
Documentation
Learn
Q&A
Code Samples
Search
Overview
Activity
Challenges
Certifications
Collections
Following
Achievements
Settings
Badges
BADGE
Add and size disks in Azure virtual machines
Completed on 8/17/2021
BADGE
Automate Azure tasks using scripts with PowerShell
Completed on 8/20/2021
BADGE
Scale an App Service web app to efficiently meet demand with App Service scale up and scale out
Completed on 8/20/2021
BADGE
Describe core Azure architectural components
Completed on 8/8/2021
BADGE
Explore Azure compute services
Completed on 8/12/2021
BADGE
Explore Azure database and analytics services
Completed on 8/17/2021
BADGE
BADGE
BADGE
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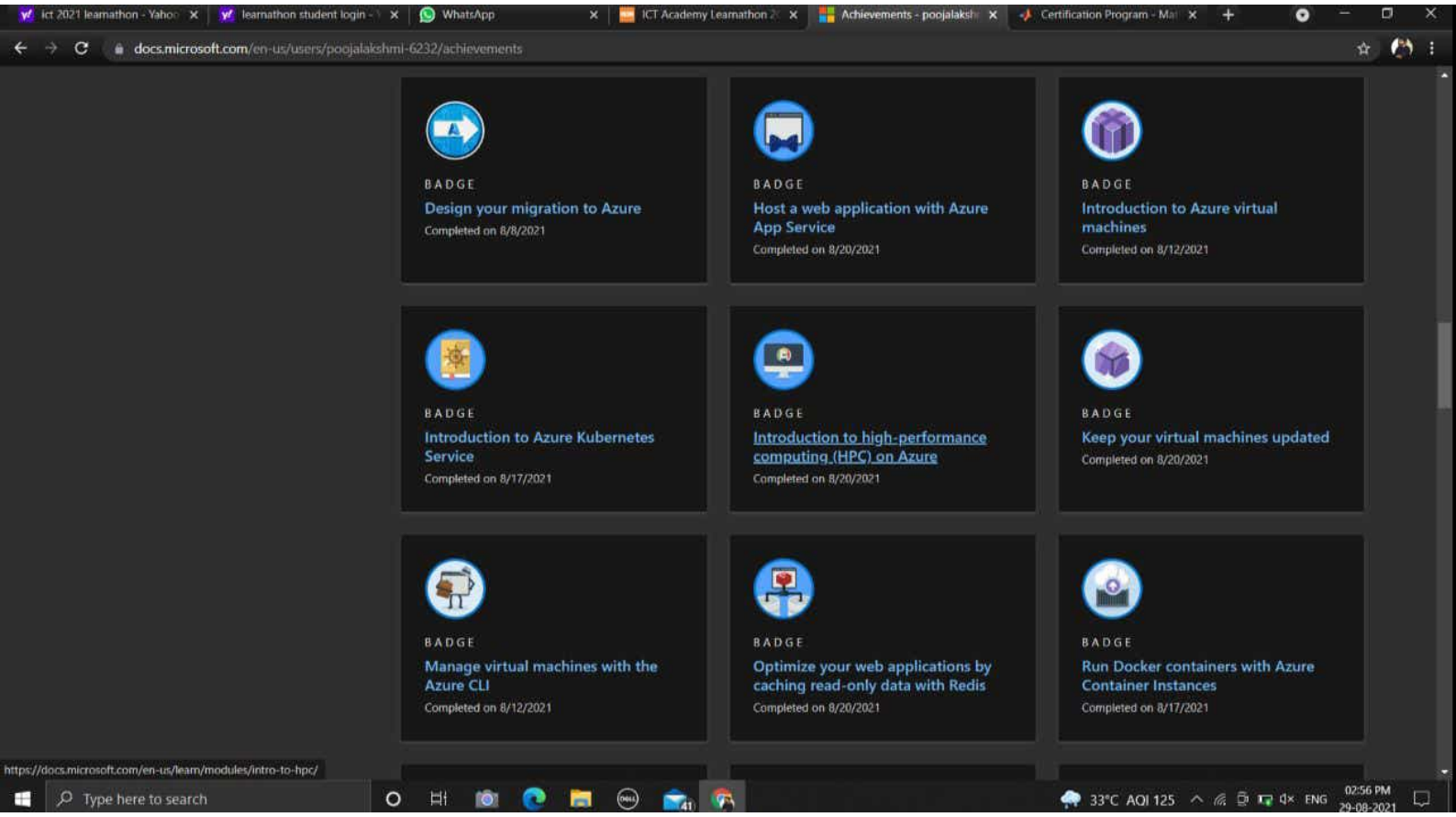
02:55 PM
29-08-2021


ict 2021 learnathon - Yahoo
learnathon student login -
WhatsApp
ICT Academy Learnathon 2
Achievements - poojalakshr
Certification Program - Mat
docs.microsoft.com/en-us/users/poojalakshmi-6232/achievements
BADGE
Design your migration to Azure
Completed on 8/8/2021
BADGE
Host a web application with Azure App Service
Completed on 8/20/2021
BADGE
Introduction to Azure virtual machines
Completed on 8/12/2021
BADGE
Introduction to Azure Kubernetes Service
Completed on 8/17/2021
BADGE
Introduction to high-performance computing (HPC) on Azure
Completed on 8/20/2021
BADGE
Keep your virtual machines updated
Completed on 8/20/2021
BADGE
Manage virtual machines with the Azure CLI
Completed on 8/12/2021
BADGE
Optimize your web applications by caching read-only data with Redis
Completed on 8/20/2021
BADGE
Run Docker containers with Azure Container Instances
Completed on 8/17/2021
https://docs.microsoft.com/en-us/learn/modules/intro-to-hpc/
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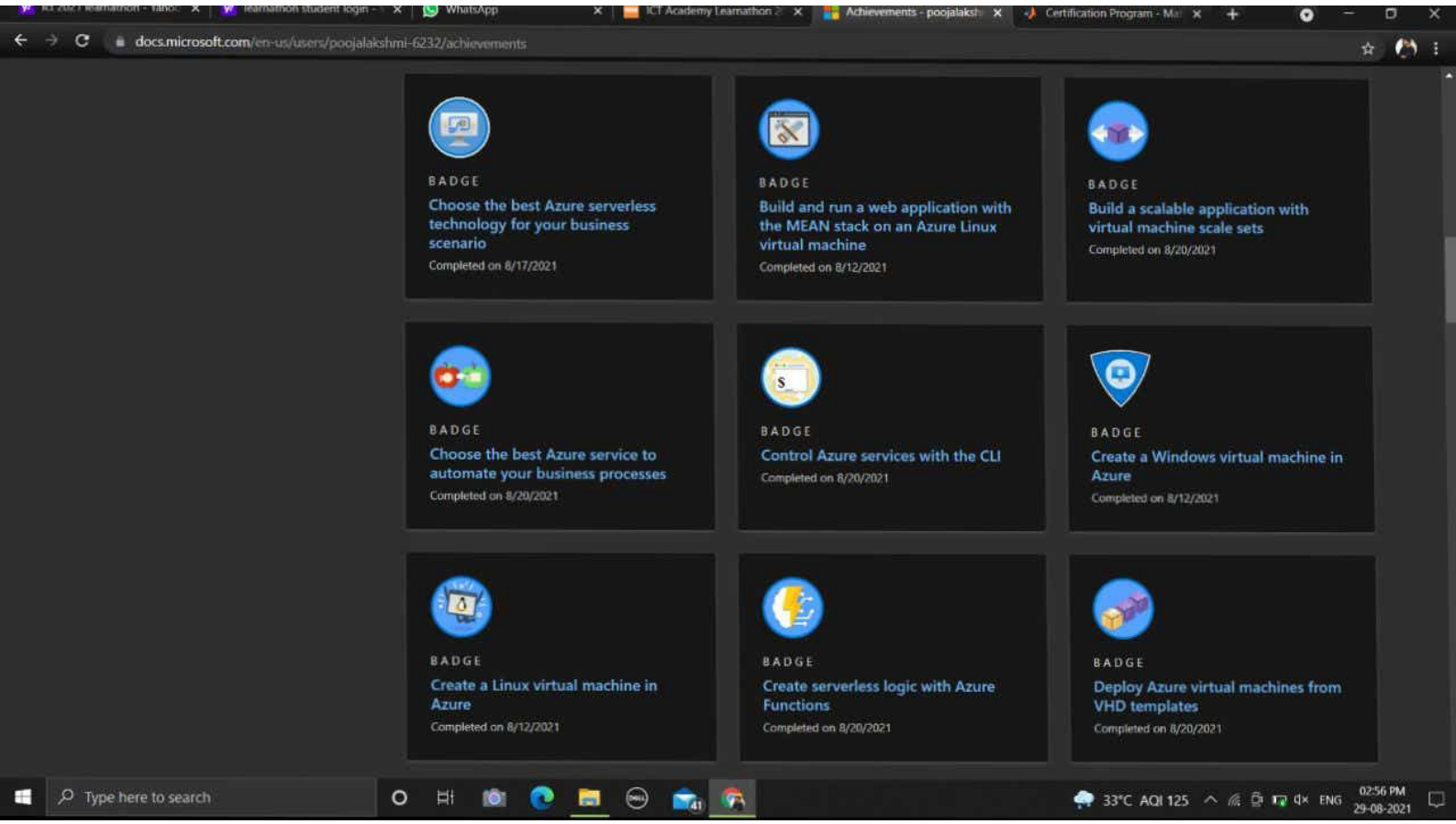
ENG
02:56 PM
29-08-2021


docs.microsoft.com/en-us/users/poojalakshmi-6232/achievements
BADGE
Choose the best Azure serverless technology for your business scenario
Completed on 8/17/2021
BADGE
Build and run a web application with the MEAN stack on an Azure Linux virtual machine
Completed on 8/12/2021
BADGE
Build a scalable application with virtual machine scale sets
Completed on 8/20/2021
BADGE
Choose the best Azure service to automate your business processes
Completed on 8/20/2021
BADGE
Control Azure services with the CLI
Completed on 8/20/2021
BADGE
Create a Windows virtual machine in Azure
Completed on 8/12/2021
BADGE
Create a Linux virtual machine in Azure
Completed on 8/12/2021
BADGE
Create serverless logic with Azure Functions
Completed on 8/20/2021
BADGE
Deploy Azure virtual machines from VHD templates
Completed on 8/20/2021
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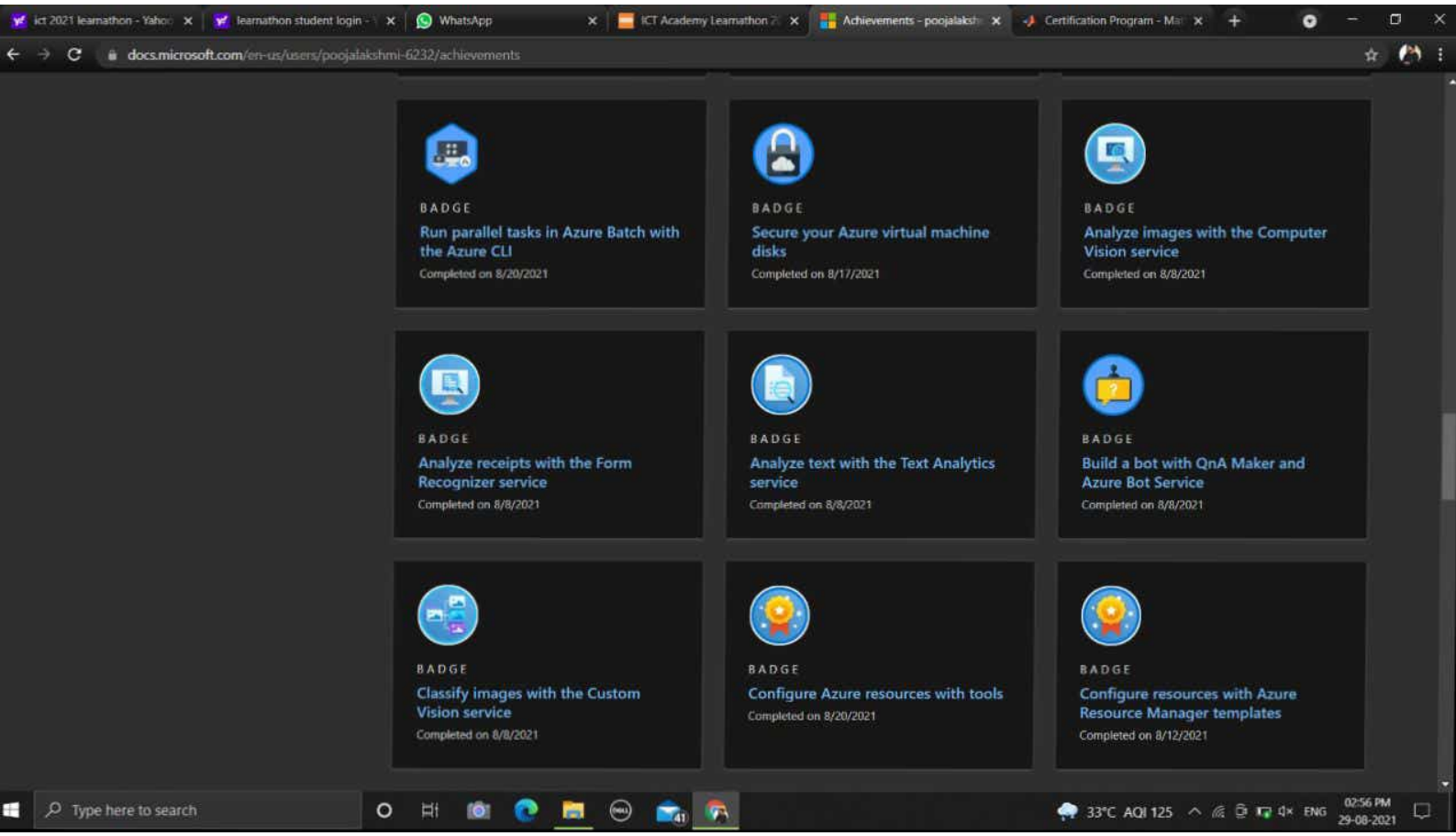
29-08-2021


ict 2021 learnathon - Yahoo
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Achievements - poojalakshi
Certification Program - Mar
docs.microsoft.com/en-us/users/poojalakshmi-6232/achievements
BADGE
Run parallel tasks in Azure Batch with the Azure CLI
Completed on 8/20/2021
BADGE
Secure your Azure virtual machine disks
Completed on 8/17/2021
BADGE
Analyze images with the Computer Vision service
Completed on 8/8/2021
BADGE
Analyze receipts with the Form Recognizer service
Completed on 8/8/2021
BADGE
Analyze text with the Text Analytics service
Completed on 8/8/2021
BADGE
Build a bot with QnA Maker and Azure Bot Service
Completed on 8/8/2021
BADGE
Classify images with the Custom Vision service
Completed on 8/8/2021
BADGE
Configure Azure resources with tools
Completed on 8/20/2021
BADGE
Configure resources with Azure Resource Manager templates
Completed on 8/12/2021
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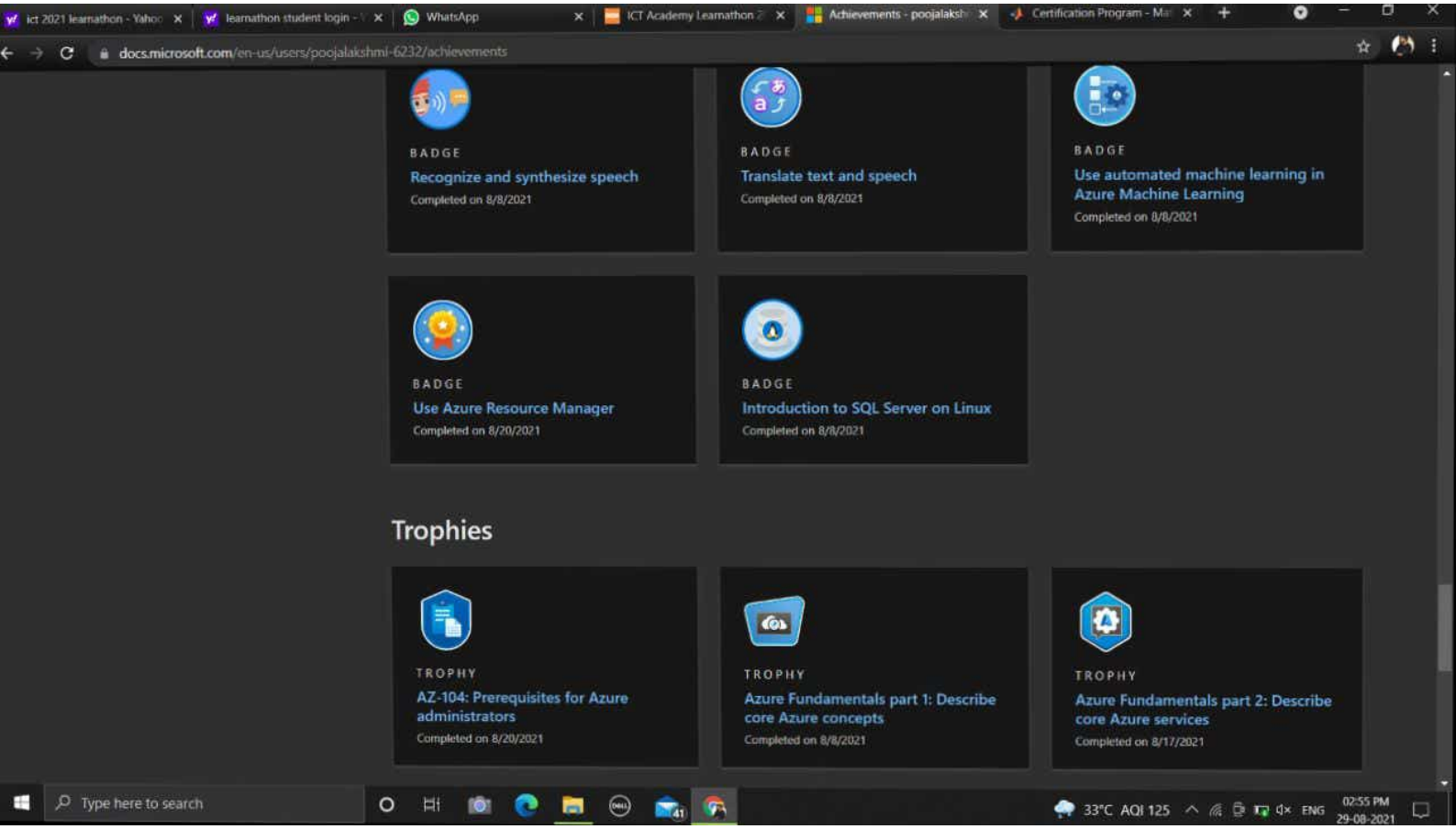
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BADGE
Recognize and synthesize speech
Completed on 8/8/2021
BADGE
Translate text and speech
Completed on 8/8/2021
BADGE
Use automated machine learning in Azure Machine Learning
Completed on 8/8/2021
BADGE
Use Azure Resource Manager
Completed on 8/20/2021
BADGE
Introduction to SQL Server on Linux
Completed on 8/8/2021
Trophies
TROPHY
AZ-104: Prerequisites for Azure administrators
Completed on 8/20/2021
TROPHY
Azure Fundamentals part 1: Describe core Azure concepts
Completed on 8/8/2021
TROPHY
Azure Fundamentals part 2: Describe core Azure services
Completed on 8/17/2021
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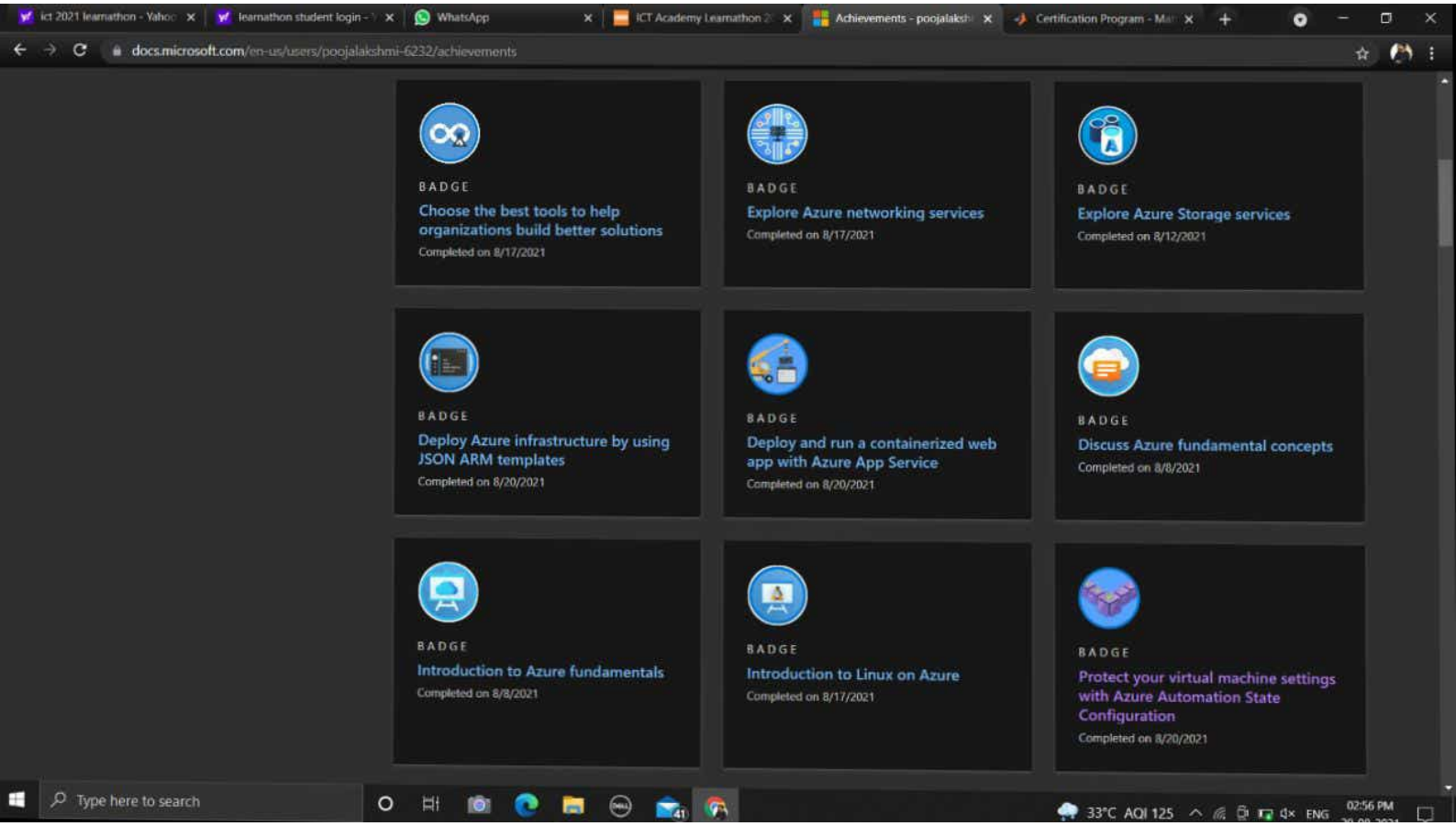
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BADGE
Choose the best tools to help organizations build better solutions
Completed on 8/17/2021
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Explore Azure networking services
Completed on 8/17/2021
BADGE
Explore Azure Storage services
Completed on 8/12/2021
BADGE
Deploy Azure infrastructure by using JSON ARM templates
Completed on 8/20/2021
BADGE
Deploy and run a containerized web app with Azure App Service
Completed on 8/20/2021
BADGE
Discuss Azure fundamental concepts
Completed on 8/8/2021
BADGE
Introduction to Azure fundamentals
Completed on 8/8/2021
BADGE
Introduction to Linux on Azure
Completed on 8/17/2021
BADGE
Protect your virtual machine settings with Azure Automation State Configuration
Completed on 8/20/2021
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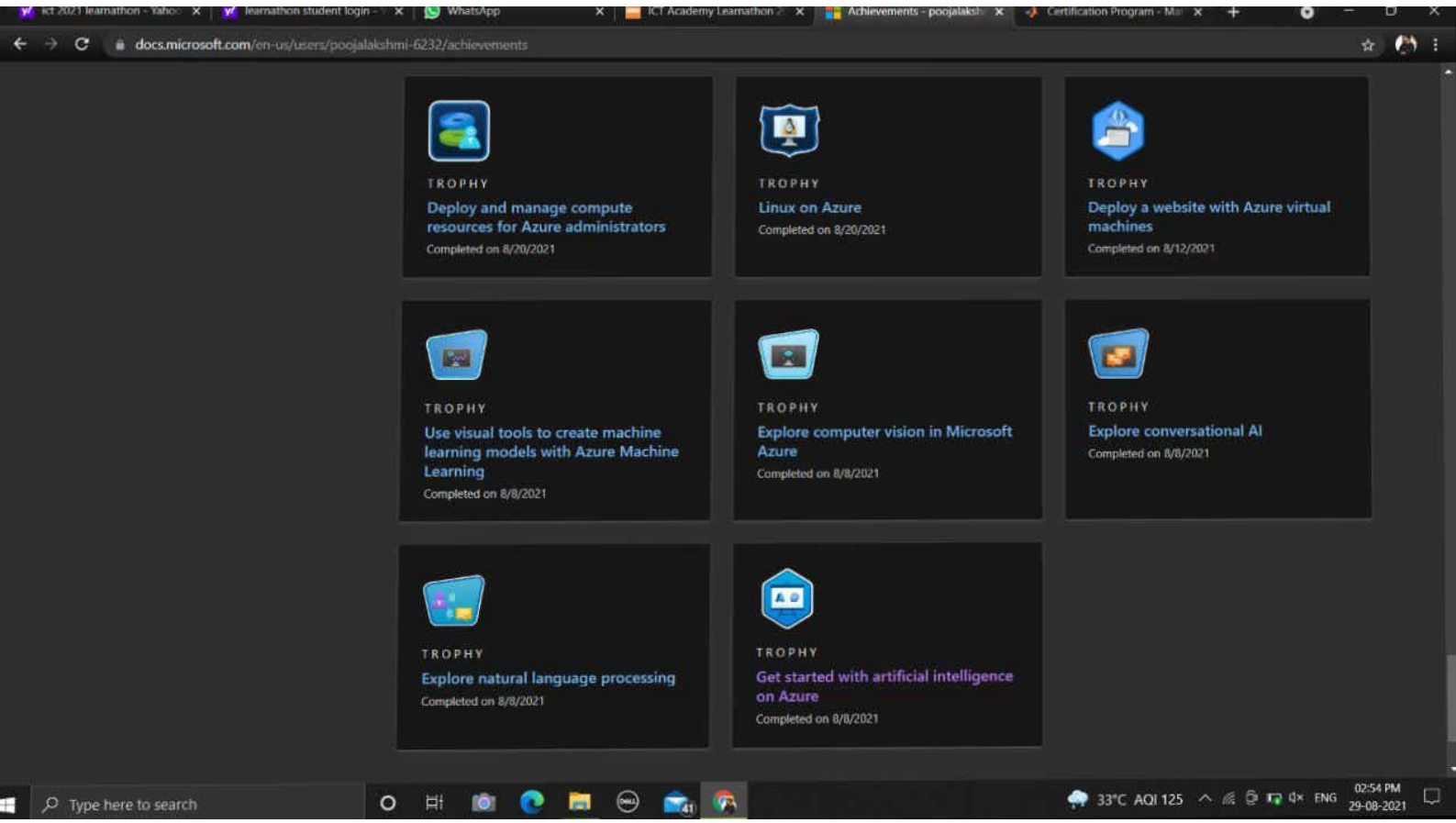
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TROPHY
Deploy and manage compute resources for Azure administrators
Completed on 8/20/2021
TROPHY
Linux on Azure
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TROPHY
Deploy a website with Azure virtual machines
Completed on 8/12/2021
TROPHY
Use visual tools to create machine learning models with Azure Machine Learning
Completed on 8/8/2021
TROPHY
Explore computer vision in Microsoft Azure
Completed on 8/8/2021
TROPHY
Explore conversational AI
Completed on 8/8/2021
TROPHY
Explore natural language processing
Completed on 8/8/2021
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Get started with artificial intelligence on Azure
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Badges



BADGE

Analyze images with the Computer Vision service

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Analyze receipts with the Form Recognizer service

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BADGE

Analyze text with the Text Analytics service

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Build a bot with QnA Maker and Azure Bot Service

Completed on 8/13/2021



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Classify images with the Custom Vision service

Completed on 8/13/2021



BADGE

Create a classification model with Azure Machine Learning designer

Completed on 8/13/2021



BADGE

Create a Clustering Model with Azure Machine Learning designer

Completed on 8/13/2021



BADGE

Create a language model with Language Understanding

Completed on 8/13/2021



BADGE

Create a Regression Model with Azure Machine Learning designer

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BADGE

Detect and analyze faces with the Face service

Completed on 8/13/2021



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Detect objects in images with the Custom Vision service

Completed on 8/13/2021



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Get started with AI on Azure

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Read text with the Computer Vision service

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Recognize and synthesize speech

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Explore natural language processing

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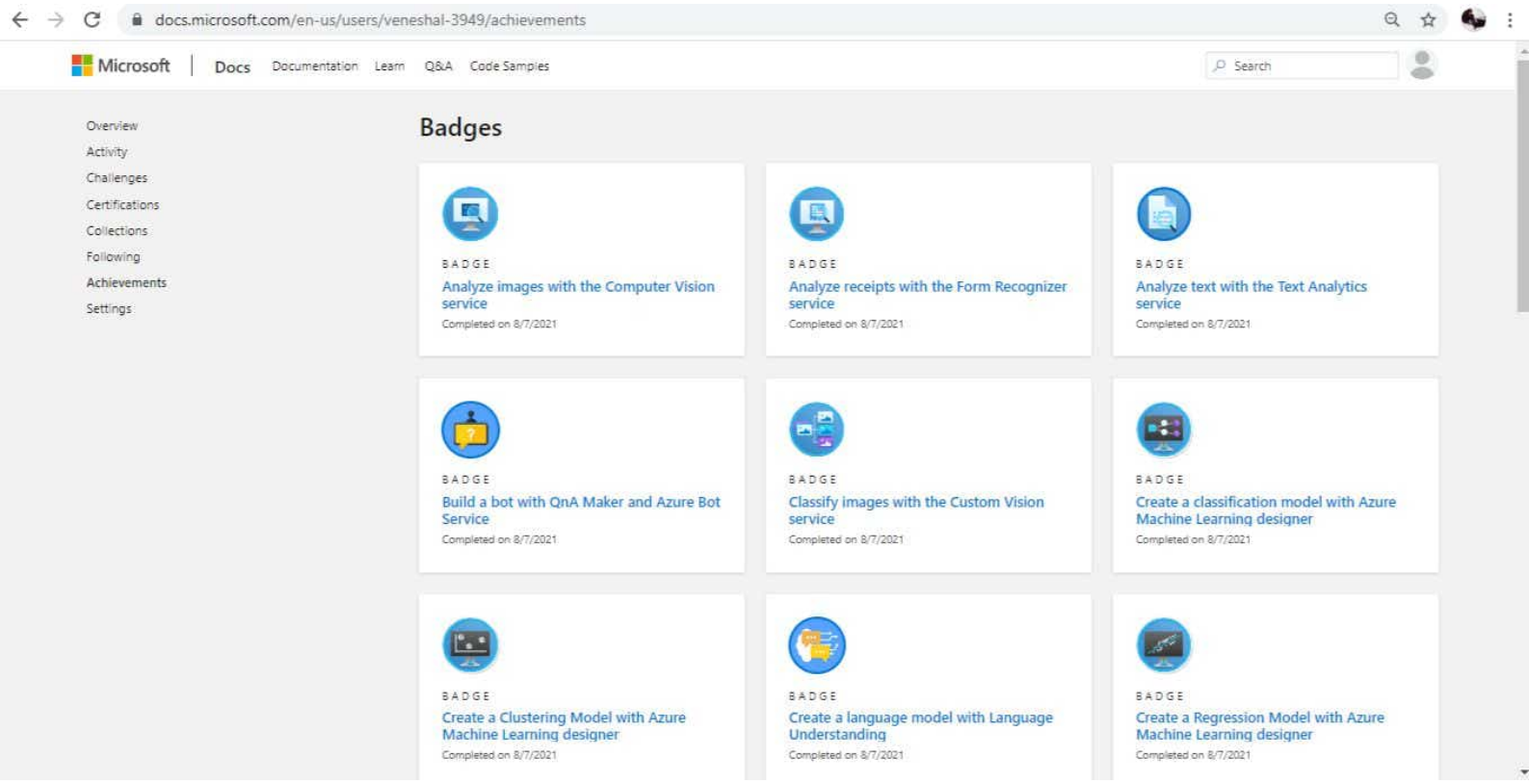
docs.microsoft.com/en-us/users/veneshal-3949/achievements
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Analyze receipts with the Form Recognizer service
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BADGE
Create a Regression Model with Azure Machine Learning designer
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Detect and analyze faces with the Face service

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Detect objects in images with the Custom Vision service

Completed on 8/7/2021



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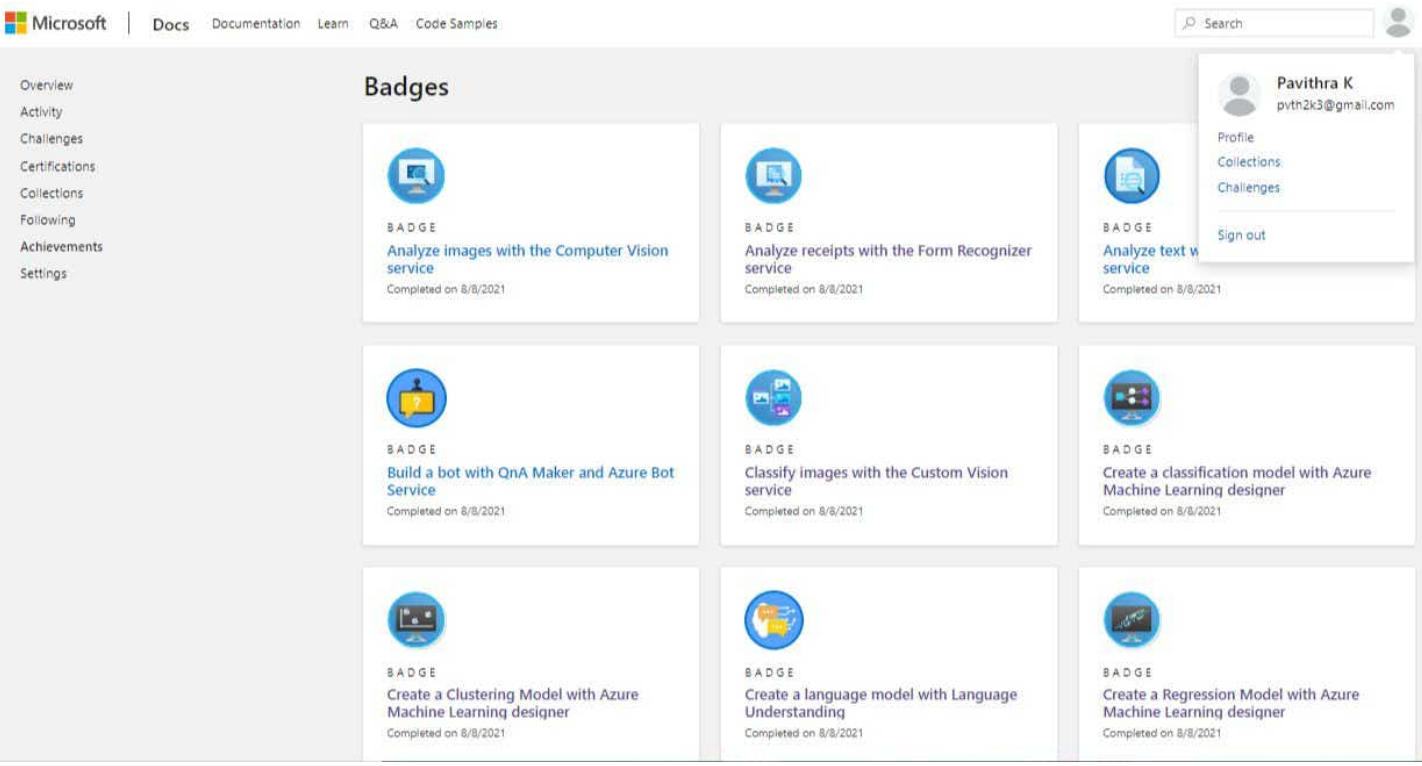
Microsoft
Docs
Documentation
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Overview
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Certifications
Collections
Following
Achievements
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Badges
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pvth2k3@gmail.com
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Sign out
BADGE
Analyze images with the Computer Vision service
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Explore natural language processing

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This badge was issued to Venesha L on 10 August 2021.

Verify



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Reference Number: 0004

CERTIFICATE OF COMPLETION

1 Hour HTML

Instructors **John Bura**

LakshmipriyaGopal

Date **Aug. 16, 2021**
Length **1 total hour**

Certificate of COMPLETION

This is to certify that

Swathy Santhosh

has successfully completed the 2 hours Master Class on

P2B#151 Google Colab Machine Learning App

7.9.2021

Perfect Plan B ELearning Private Limited

license no.U80301HR2021PTC093214

Celonis Process Mining Certificate

We hereby confirm that

Keerthana V

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-17

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

Celonis Process Mining Certificate

We hereby confirm that

Pooja lakshmi T

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-29

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

Celonis Process Mining Certificate

We hereby confirm that

Bowyaa L

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-10

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

Celonis Process Mining Certificate

We hereby confirm that

Lakshmi Priya Gopalakrishnan

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-20

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

Celonis Process Mining Certificate

We hereby confirm that

Pavithra K

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

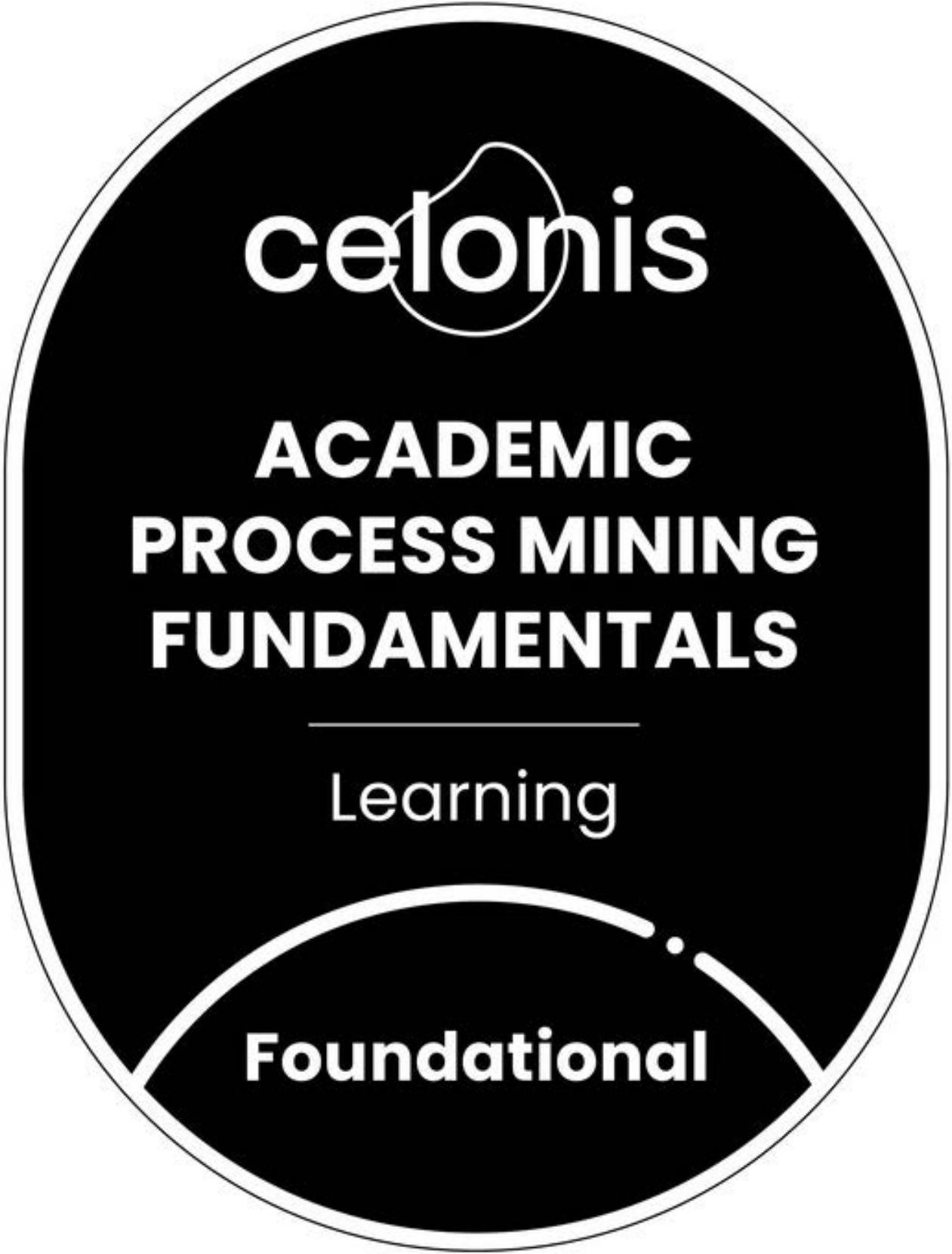
Date of Completion: 2021-08-11

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy


celonis
ACADEMIC
PROCESS MINING
FUNDAMENTALS
Learning
Foundational

Celonis Process Mining Certificate

We hereby confirm that

Sathish kumar Karuppasamy

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-22

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

Celonis Process Mining Certificate

We hereby confirm that

Siva Kumar

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-26

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

Celonis Process Mining Certificate

We hereby confirm that

Venesha L

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-10

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

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Certificate no: UC-078be45c-2e77-44fe-b880-83c24dbb71fa
Certificate url: ude.my/UC-078be45c-2e77-44fe-b880-83c24dbb71fa
Reference Number: 0004

CERTIFICATE OF COMPLETION

Professional Program on SAP for Business Analytics (PPSBA)

Instructors **Prof. Dilip Sadh, BEng, S M Nazmuz Sakib SMPC® CSFPC™ CIIF™ CCPGB CCPWB NCN-A™ LEPC™ RWVCPC™ CASF™ CPDT™ CPDM™ SFPC™ SSYB™ SFC™**

Muthuaruna C

Date **July 20, 2021**
Length **10 total hours**

udemy

Certificate no: UC-e127ff62-00e8-4f86-a6fc-9a151bf4e8d9
Certificate url: ude.my/UC-e127ff62-00e8-4f86-a6fc-9a151bf4e8d9
Reference Number: 0004

CERTIFICATE OF COMPLETION

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Sahana sri

Date **July 20, 2021**
Length **10 total hours**

CERTIFICATE OF COMPLETION

Presented to

SIVAKUMAR P

For successfully completing a free online course

Programming Basics

Provided by

Great Learning Academy

(On August 2021)

To verify this certificate visit verify.greatlearning.in/CZYZMLJC

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Jul 12, 2021

Sathishkumar Karuppasamy

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/4K7S246DVDEY

Coursera has confirmed the identity of this individual and their participation in the course.

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Certificate no: UC-41e4ac2a-c2c0-479b-9fab-2cb837e22fb9
Certificate url: ude.my/UC-41e4ac2a-c2c0-479b-9fab-2cb837e22fb9
Reference Number: 0004

CERTIFICATE OF COMPLETION

Project Development Using JAVA for Beginners - 2021

Instructors **Hemanth kumar**

Muthuaruna C

Date **July 20, 2021**
Length **46 total hours**

Skill Rack
where skill is certified

Certificate of Completion

This is to certify that

MUTHUARUNA C

has successfully completed

PYTHON3.x - 50 VERY-EASY CHALLENGES

on

10-Sep-2021

Verification URL: www.skillrack.com/cert/228909/IWA

Skill Rack
where skill is certified

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This is to certify that

SWATHIKA B

has successfully completed

PYTHON3.x - 50 VERY-EASY CHALLENGES

on

08-Sep-2021

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de educatione flagranti

CERTIFICATE OF PARTICIPATION

This is to certify that

Muthu Brijesh R

has participated in the **2 Days Python Coding Preview** session run by Ureka Education UK.

UREKA EDUCATION GROUP
OXFORD, UK

Given this 14th day of July 2021
www.ureka.co.uk

Aamna Sultan
Chief Learning Officer

CERTIFICATE OF COMPLETION

Presented to

Srinidhi R

For successfully completing a free online course

Python for Machine Learning

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/QSTJKNYN

udemy

Certificate no: UC-0b02d74e-8cd2-4614-affc-c551ba364e48
Certificate url: ude.my/UC-0b02d74e-8cd2-4614-affc-c551ba364e48
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python Programming Tutorial For The Absolute Beginner + Code

Instructors **Mustapha benbihi**

Shakthi S

Date **July 25, 2021**
Length **3 total hours**

freeCodeCamp(🔥)

Issued

July 13, 2021

This certifies that

Annlyn Sarah

has successfully completed the freeCodeCamp.org

Responsive Web Design

Developer Certification, representing approximately 300 hours of coursework.



Quincy Larson

Executive Director, freeCodeCamp.org

Verify this certification at https://freecodecamp.org/certification/fccda823251-542d-4018-850f-5d4e746653ce/responsive-web-design

Academy
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CERTIFICATE

This certifies that

JAYA SHRI K K

has satisfactorily completed the course of study in

Signalling Internet Protocol

PROFESSIONAL CERTIFICATE PROGRAM

Awarded Date

11/07/2021

Alper Karakus
President – Open Learning, AEU

Ursula Hermann
Director – Continuing Education, AEU

Academy
Europe
EUROPEAN OPEN UNIVERSITY

CERTIFICATE

This certifies that

R.SAHANA SRI

has satisfactorily completed the course of study in

Signalling Internet Protocol

PROFESSIONAL CERTIFICATE PROGRAM

Awarded Date

04/07/2021

Alper Karakus
President – Open Learning, AEU

Ursula Hermann
Director – Continuing Education, AEU

CERTIFICATE OF COMPLETION

Presented to

ABINAYA M

For successfully completing a free online course

Smart English Basics for Professionals

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/PUSRLAHF

CERTIFICATE OF COMPLETION

Presented to

G.Lakshmi Priya

For successfully completing a free online course

Smart English Basics for Professionals

Provided by

Great Learning Academy

(On July 2021)

To verify this certificate visit verify.greatlearning.in/BNMDKTWP

CERTIFICATE OF COMPLETION

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Smart English Basics for Professionals

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Forage

Inspiring and empowering future professionals

HARSHA R

Solutions Architect Virtual Experience Program

Certificate of Completion

December 28th, 2021

Over the period of December 2021, HARSHA R has completed practical task modules in:

Designing a simple, scalable, hosting architecture



Tom Brunskill
CEO, Co-Founder of Forage

udemy

Certificate no: UC-54bf804c-4134-4a92-8a40-59372d3096c9
Certificate url: ude.my/UC-54bf804c-4134-4a92-8a40-59372d3096c9
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete C Programming Course for Beginners

Instructors **Md. A. Barik**

Harinisrivalli.V

Date **July 22, 2021**
Length **6.5 total hours**

udemy

Certificate no: UC-dfbab401-267f-474b-87a6-cefb4dc79d71
Certificate url: ude.my/UC-dfbab401-267f-474b-87a6-cefb4dc79d71
Reference Number: 0004

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The Complete C Programming Course for Beginners

Instructors **Md. A. Barik**

Sarumathi

Date **Aug. 8, 2021**
Length **6.5 total hours**

udemy

Certificate no: UC-dacc6d34-80b8-47f5-89bf-14fc866a0e5b
Certificate url: ude.my/UC-dacc6d34-80b8-47f5-89bf-14fc866a0e5b
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The Complete C Programming Course for Beginners

Instructors **Md. A. Barik**

S.Shanmugapriya

Date **July 15, 2021**
Length **6.5 total hours**

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The Complete Introduction to C++ Programming

Instructors **Yassin Marco**

J.Gnanaguru Vignesh

Date **Aug. 22, 2021**
Length **5 total hours**

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03/02/2022

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Introduction to Web Development [HTML, CSS, JAVASCRIPT]

Instructors **Academy of Computing & Artificial Intelligence**

Vishnupriya S

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Vignesh mano S

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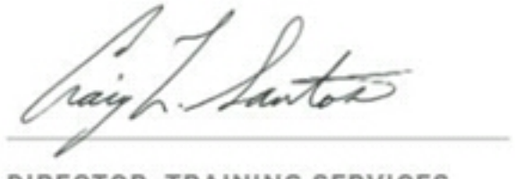

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ASHWINI BALA S

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MANIMEHALAI L

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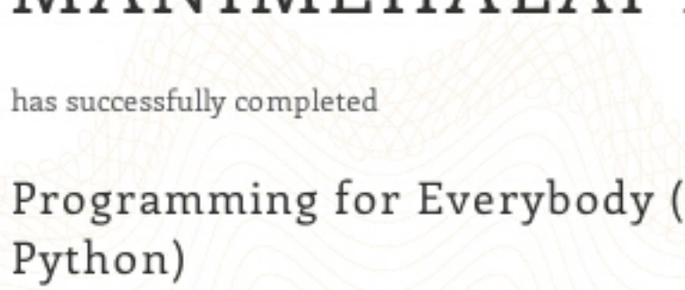

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This is to certify that

S Vishnupriya

successfully completed and received a passing grade in

Python 101 for Data Science

(PY0101EN, provided by IBM)

A course on **cognitiveclass.ai**
Powered by **IBM Developer Skills Network.**

Issued by
Cognitive Class

Cognitive Class

March 13, 2022

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/7800d9387cfc47469c0b4fb7aa111023

Certificate ID Number: **7800d9387cfc47469c0b4fb7aa111023**

March 13, 2022

ID: 076F44380728

HackerRank

Certificate

This is to certify that

Muthu Brijesh R

has successfully cleared the assessment for the skill

Python (Basic)

20 Jan, 2022

Date

Harishankaran K

CTO, HackerRank

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Feb 2, 2022

Sathishkumar Karuppasamy

has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan



Verify at:
coursera.org/verify/CG4TQZTYEZFX

Coursera has confirmed the identity of this individual and their participation in the course.

udemy

Certificate no: UC-b72e5a61-92b5-4c95-a861-e36ecf30125f
Certificate url: ude.my/UC-b72e5a61-92b5-4c95-a861-e36ecf30125f
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python for Beginners: Learn Python Programming (Python 3)

Instructors **Jason Cannon**

Gokila G

Date **Jan. 11, 2022**
Length **3 total hours**

udemy

Certificate no: UC-779b48fe-f850-4711-af46-744bc9a2860a
Certificate url: ude.my/UC-779b48fe-f850-4711-af46-744bc9a2860a
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python for Beginners: Learn Python Programming (Python 3)

Instructors **Jason Cannon**

Muthulakshmi

Date **Jan. 11, 2022**
Length **3 total hours**

udemy

Certificate no: UC-d4e87f34-ee59-4c1a-b8ba-9445adab92e5
Certificate url: ude.my/UC-d4e87f34-ee59-4c1a-b8ba-9445adab92e5
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python for Beginners: Learn Python Programming (Python 3)

Instructors **Jason Cannon**

Muthulakshmi J

Date **Jan. 2, 2022**
Length **3 total hours**

udemy

Certificate no: UC-0a572703-0842-47ce-be6b-a4f3bde54636
Certificate url: ude.my/UC-0a572703-0842-47ce-be6b-a4f3bde54636
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python for Beginners: Learn Python Programming (Python 3)

Instructors **Jason Cannon**

Praveena. A

Date **Jan. 11, 2022**
Length **3 total hours**

udemy

Certificate no: UC-640f5bee-4ee0-46a4-a310-fa40788abc42
Certificate url: ude.my/UC-640f5bee-4ee0-46a4-a310-fa40788abc42
Reference Number: 0004

CERTIFICATE OF COMPLETION

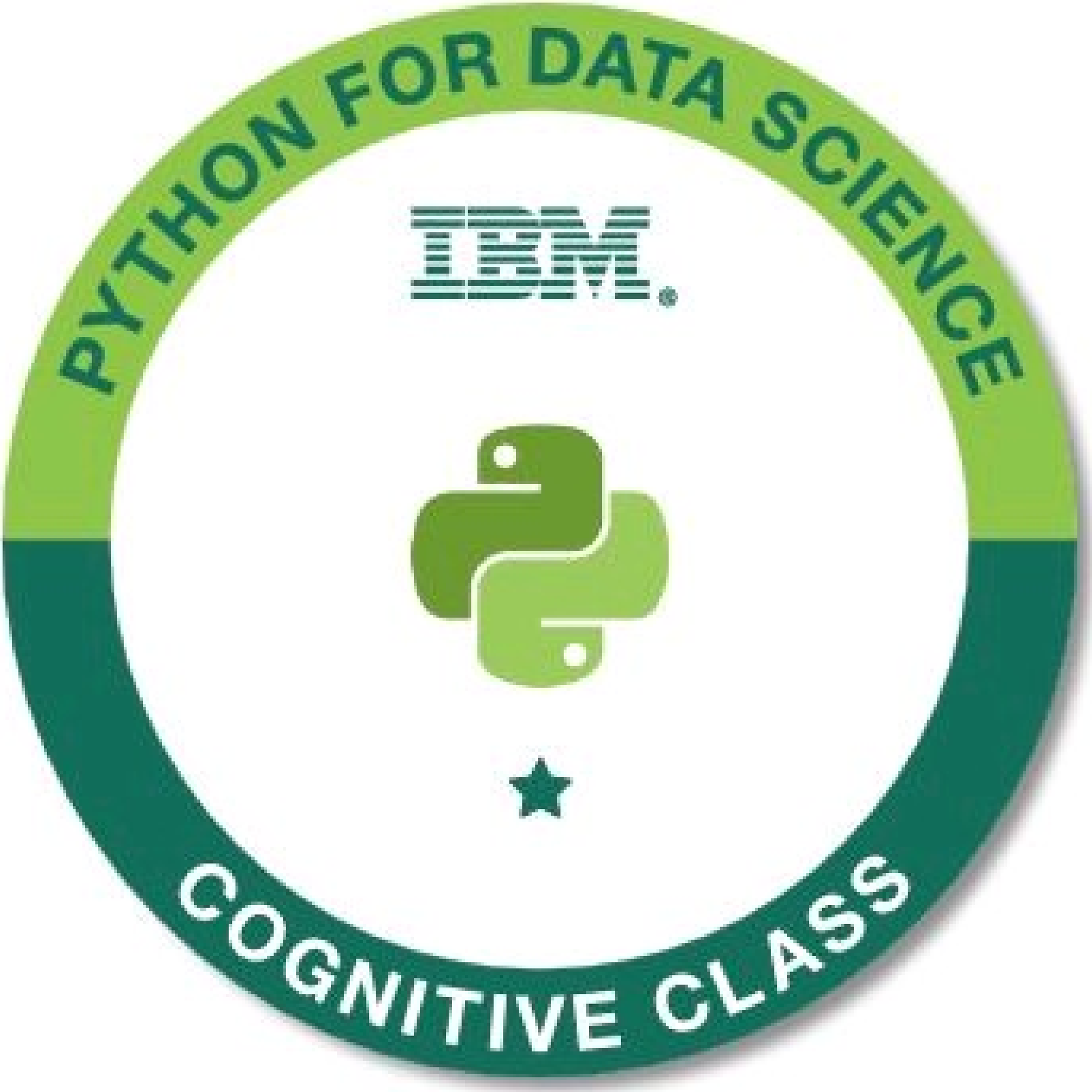
Python for Beginners: Learn Python Programming (Python 3)

Instructors **Jason Cannon**

Subana devi.G

Date **Jan. 12, 2022**
Length **3 total hours**


PYTHON FOR DATA SCIENCE
IBM
COGNITIVE CLASS


PYTHON FOR DATA SCIENCE
IBM
COGNITIVE CLASS

Great Learning

CERTIFICATE OF COMPLETION

Presented to

MAHESHKUMAR M

For successfully completing a free online course

Python for Machine Learning

Provided by

Great Learning Academy

(On February 2022)

To verify this certificate visit verify.mygreatlearning.com/KFCCJEPX

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Annajasmine I

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Nikhil Bhaiskar
Director

EK2ITBB65421B1

www.imarticus.org

REDMI NOTE 10

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HARINE P

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Director

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Harish A

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PRIYANGA B

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Director

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Python Programming Certification

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Director

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Certificate of Completion

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SELVA LAKSHMI K

On successful completion based on the curriculum as prescribed by the Institute for

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Director

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SELVARUBA S

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Director

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Certificate of Completion

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Shamiksha R

On successful completion based on the curriculum as prescribed by the Institute for

Python Programming Certification

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Director

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SIVA PRIYA S

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कौशल भारत-कुशल भारत

Nikhil Bharsikar
Director

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Certificate of Completion

Awarded to

Sugirthasri B

On successful completion based on the curriculum as prescribed by the Institute for

Python Programming Certification

N·S·D·C National Skill Development Corporation
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Nikhil Bharsikar
Director

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Certificate of Completion

Awarded to

SWATHI K

On successful completion based on the curriculum as prescribed by the Institute for

Python Programming Certification

N·S·D·C National Skill Development Corporation
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कौशल भारत-कुशल भारत

Nikhil Bharsikar
Director

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Awarded to

Swetha Sri S

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Nikhil Bharsikar
Director

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VISHNU A

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Nikhil Bharsikar
Director

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NSR CEL
Goldman Sachs

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This is presented to

Swathika B

for successfully completing

Regression

Dated 19 February 2022

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NSR CEL
Goldman Sachs

CERTIFICATE OF COMPLETION

This is presented to

Vijayalakshmi R

for successfully completing

Regression

Dated 20 February 2022

CERTIFICATE OF COMPLETION

Presented to

Harinisrivalli.V

For successfully completing a free online course

Smart English Basics for Professionals

Provided by

Great Learning Academy

(On April 2022)

aws

Forage

Inspiring and empowering future professionals

Kowshik R

Solutions Architect Virtual Experience Program

Certificate of Completion

February 9th, 2022

Over the period of February 2022, Kowshik R has completed practical task modules in:

Designing a simple, scalable, hosting architecture

Tom Brunskill
CEO, Co-Founder of Forage

Enrolment Verification Code 4YhTHenfKnbGhdD2J | User Verification Code XzTWP3BiGZYn8RHKG | Issued by **Forage**

Great Learning

CERTIFICATE OF COMPLETION

Presented to

R.KAUSHIKRAM

For successfully completing a free online course

Video Editing Basics

Provided by

Great Learning Academy

(On December 2021)

mycaptain

Certificate of Participation

This is to certify that

Muthuaruna C

has been a participant of MyCaptain's

Web Development Course

For the Month of **March 2022**

We wish you all the best for your future endeavours.



Sameer Ramesh
(Chief Product Officer)
1Z49KW1BO232M

Course ratified by
mycaptain

An IIMB | NSR CEL Incubated company **A Climber Knowledge and Careers Pvt Ltd Initiative**

LinkedIn LEARNING

Certificate of Completion

Congratulations, Ijaas Ahamad. M

What is Graphic Design?

Course completed on Jan 20, 2022 at 09:15AM UTC • 2 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.



Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AREOmJYDHfpF7tlpZgSS493-Lpnv

ABOUT THE COLLEGE

Ramco Institute of Technology was founded by Shri P.R.Ramasubrahmaneya Rajha, founder Chairman of Ramco Group in 2013 with a vision to impart high quality engineering education. It is situated at the foothills of Western Ghats, 5 kms from Rajapalayam Bus stand in Ayyanar Kovil Road. The College provides world-class infrastructure and facilities to both the students and staff members. It has a very good learning atmosphere facilitated by high quality teaching by well-qualified and experienced faculty members, e-learning modules with smart classrooms thereby emulating IIT system of education.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2013. Currently, it offers a 4-year Bachelor of Engineering degree programme in Electrical and Electronics Engineering following Anna University curriculum. The curriculum broadly covers important fields such as Power System, Control System, Electromagnetic Fields, Analog and Digital Eectronics, Power Electronics, Electrical Machines and Drives, and High Voltage Engineering. The department has dedicated and state-of-the-art laboratories to cater to the academic and research activities. The laboratories are well equipped with computational facilities and resources both in terms of hardware and software. The department has on its roll well qualified and experienced faculty members, supporting staff and modern infrastructure in the form of elegant and smart classrooms, spacious laboratories, latest machinery and equipment.

OBJECTIVE OF THE COURSE

The objective of the course is to:

To understand the concept of PLC, SCADA and its industrial applications.

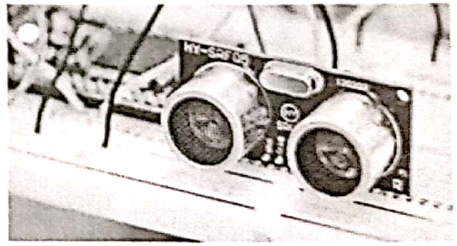
COURSE CONTENTS

The following topics will be covered:

- PLC system : applications of PLC, PLC modules, I/O module
- Installation of hardware and software components of given PLC system
- PLC timer functions, PLC counter functions, PLC simple arithmetic and logical functions
- PLC ladder logic diagram, Advanced PLC functions like SKIP, Master control relay, Jump with non-return, jump with return, Sequencer function
- PLC applications: Bottling filling plant, Material handling elevator, 2-axis robot with sequencer control, level control, Trouble shooting
- Introduction to DCS, concept of DCS, hierarchy of DCS, function of each level of DCS
- Introduction to supervisory control and data acquisition system, SCADA architecture
- Interfacing SCADA and PLC
- Induction motor drive: V/F control, direct torque control
- Introduction to AC drive interfacing technique
- Introduction to Stepper motor drives
- Introduction to DC Servo motor drives

Ramco Institute of Technology
Rajapalayam – 626117

Value Added Course
on
"Industrial Automation using PLC and SCADA"



Organized by
Department of Electrical & Electronics Engineering,
RAMCO INSTITUTE OF TECHNOLOGY
Rajapalayam - 626 117
Tel: +91 4563 233 400, 413
Website: www.ritrjpm.ac.in

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RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Electrical and Electronics Engineering
Academic Year: 2022 – 2023 (Odd Semester)
Value Added Course Name list

Degree, Semester & Branch: V Semester B.E. EEE
Course Code & Name: EVA009 -Industrial Automation Using PLC and SCADA

Sl. No.	Reg.No.	Name of the Students
1.	953620105001	ABISHEK BEBITO A
2.	953620105002	BALASUBRAMANIAM M
3.	953620105003	CHANDRU R
4.	953620105004	DHANA BHARATHI LAKSHMI G
5.	953620105005	GAYATHREE P G
6.	953620105006	JEYAKRISHNABABU M
7.	953620105007	JEYAPADMA B
8.	953620105008	KALAI ARUN BALU R
9.	953620105009	KAYALVIZHI P
10.	953620105010	KEERTHIAN V
11.	953620105011	LAKSHMI NARAYANAN S
12.	953620105012	LEELAPRASADH A
13.	953620105013	MOHAMED NIKIL M
14.	953620105014	MUTHU HAREESH S
15.	953620105015	MUTHUPANDI P
16.	953620105016	PONSELVAM U
17.	953620105017	PRAVEEN SELVAMANI M
18.	953620105018	RAJKUMAR M
19.	953620105019	SABARISHA V
20.	953620105020	SAKTHI KARUPPASAMY K
21.	953620105021	SATHISH SIDDARTH V
22.	953620105022	SURYAPRAKASH P
23.	953620105023	UDHAYA T
24.	953620105024	VARUN GANESH M
25.	953620105025	VIJAY ANANDH S
26.	953620105026	YUVAPRIYA N
27.	953620105301	ABISHEK KUMAR J
28.	953620105302	ALAGARSAMY YASVANTH T R
29.	953620105303	ALAGENDRA R
30.	953620105304	ARUNKUMAR.S
31.	953620105305	ASHWATH ARJUN T
32.	953620105306	ASWIN S
33.	953620105307	AYYANAR A
34.	953620105308	BALARAMAN G
35.	953620105309	BHUVANESH G
36.	953620105310	GOKUL G

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Sl. No.	Reg.No.	Name of the Students
37.	953620105311	GOKUL N
38.	953620105312	GOKUL R
39.	953620105313	JEYASAKTHI M
40.	953620105314	KANNAN A S
41.	953620105315	KARPAGARAJ M
42.	953620105316	KASIRAJAN P
43.	953620105317	KISHORE P
44.	953620105318	NIKIL DEV
45.	953620105319	NITHISH ARJUN S K
46.	953620105320	RAJESH V
47.	953620105321	RAJKUMAR K
48.	953620105322	RAMGANESH N
49.	953620105323	SABARIVASA R
50.	953620105324	SAKTHI ARAVINTH M
51.	953620105325	SANGILIGURU R
52.	953620105326	SANTHOSH M
53.	953620105327	SASIKARUPPYA M
54.	953620105328	SENTHIL KUMAR M
55.	953620105329	SENTHIL MURUGAN J
56.	953620105330	SIVAGURUTHATCHINAMOORTHY G
57.	953620105331	SIVARAM R
58.	953620105332	SURYA KUMAR T
59.	953620105333	VAIRAMANI M
60.	953620105334	VIGNESHKUMAR G

7/11/22
VAC - Incharge

7/11/22
Course Coordinator

07/11/22
HoD/EEE
[S.KANNAN]

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RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Report on Value Added Course

Title of the Value Added Course: EVA009 Industrial Automation using PLC & SCADA

Class for whom it was conducted: III Year B.E. EEE

Date of commencement and no. of days: 21.07.2022 to 27.07.2022 and 6 days

Venue: Control and Instrumentation Laboratory

Name, Designation and Address of the Resource Person(s) / Speaker(s):

1. Mr. E. Thangam, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam
2. Mr. S. Meenakshisundaravel, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam

The following topics are covered:

- Need and benefit of automation, PLC system : applications of PLC, PLC modules, I/O module, Communication module, PID module, Input analog and digital devices, Output analog and digital devices, PLC registers
- Installation of hardware and software components of given PLC system and Check it's working by running a sample program.
- PLC timer functions, PLC counter functions, PLC simple arithmetic and logical functions
- Identification of intelligent PID, Input, Output, Communication Module.
- Wire inputs, outputs via PLC input output modules
- Wire intelligent, PID, Communication module with PLC
- PLC ladder logic diagram, Advanced PLC functions like SKIP, Master control relay, Jump with non-return, jump with return, Sequencer function
- Develop and Implement ladder logic to realize D, RS, JK, T flip-flop
- PLC applications: Bottling filling plant, Material handling elevator, 2-axis robot with sequencer control, level control, Trouble shooting
- Introduction to DCS, concept of DCS, hierarchy of DCS, function of each level of DCS
- Simulate industrial application of PLC on Delay Timer
- Check the delay timer operation using actual PLC
- Check the UP/DOWN Counter operation using actual PLC
- Check the Subtraction function using actual PLC.
- Introduction to supervisory control and data acquisition system, SCADA architecture
- Introduction to supervisory control and data acquisition system, SCADA architecture
- Simulate the Bottle filling process operation on PLC simulator
- Simulate the material handling elevator operation on PLC simulator
- Interfacing SCADA and PLC
- Induction motor drive: V/F control, direct torque control
- Testing of DCS and SCADA, Set up a SCADA configuration
- Testing of induction motor drive.

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- Introduction to AC Servo motor drives, DC motor drives
- Testing of AC drives and Vector control modes of operation of AC drive.
- Introduction to AC drive interfacing technique
- Interfacing AC drive with PLC.
- Introduction to Stepper motor drives
- Introduction to DC Servo motor drives
- Testing of stepper motor drive
- Testing of servo drive and position control
- On the final day of course, assessment were made on following two topics
    - ✓ The students are asked to develop and implement a ladder logic PLC program of a given problem.
    - ✓ The students are asked to develop and implement an industrial SCADA system for a given problem

Event photos:





Feedback:

- ❖ The overall feedback about the course is good.
- ❖ All the students would like to have another program from same resource person.
- ❖ The topics like timer, ladder logic using PLC, Updown counter, automation paint mixture, Conveyor, burglar alarm are liked by students

27/07/22

Signature of Faculty Coordinator

S.K.C 27/07/22

HOD

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NAAC Accredited and An ISO 9001:2015 certified institution

RIT/EEE/VAC/2022/02

18.07.2022

To

The Controller of Examination,

Anna University,

Chennai – 600 025.

Sir,

Sub: Requesting permission – to offer the approved Value Added Courses –Academic Year 2022-2023 (ODD Semester)–Reg.

1. Ref: Affiliated Institutions – Guidelines for conducting Value Added Courses – Anna University Regulations 2017
2. Approval copy of Value Added Courses.

With reference to the above, in the academic year 2021-2022 (odd semester) the following approved value added courses listed in Center for Academic Courses, Anna University, Chennai and the same was offered to the students.

Sl.No.	Code Allotted	Title	Credits
1	EVA009	Industrial Automation using PLC and SCADA	2

Now we wish to offer the above approved course (EVA009) to the V Semester B.E. Electrical and Electronics Engineering students of this academic year 2022-2023 (odd semester). Hereby, we request your kind permission and consent to offer the same approved value added course for this Academic year 2022-2023 (odd semester). Expecting your reply in this regard to proceed further

Thanking you,
Yours faithfully,

19-7-22
HoD/EEE

Vice Principal

18/7/22
Principal

Cc:
The Chairman,
Faculty of Electrical Engineering,
Center for Academic Courses,
Anna University

North Venganallur, Ayyanarkovil Road, Rajapalayam - 626 117.
Virudhunagar District, Tamil Nadu. Tel : 04563 233400
E-mail : rit@ritrjpm.ac.in Web : www.ritrjpm.ac.in

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Off: 22357077 / 73
22357074
Fax & Off : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR

Letter No:2828/AU/EVA/CAC/2021

04.08.2021

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub : A.U. - CAC – Affiliated Institutions – Value Added Courses – Reg.

Ref: (i) Letter No. RIT/EEE/VAC/2021/01, dated: 27.07.2021.
(ii) Mail received from the Head, Department of EEE, Ramco Institute of Technology, dated. 02.08.2021.

.....

With reference to the letter cited above, course code is allotted for the Value Added Course as mentioned below:

S.No	Code Allotted	Title	L T P C
1.	EVA009	Industrial Automation using PLC & SCADA	1 0 2 2

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

Yours faithfully,

4/8/2021

DIRECTOR

Copy to:
1. The Chairperson, Faculty of Electrical Engineering, Anna University, Chennai - 25.
2. The Principal, Ramco Institute of Technology, North Venganallur, Ayyankovil Road, Rajapalayam – 626 117, Tamilnadu.
3. The Stock File.

kv

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RAMCO INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Value Added Course Attendance details

Title of the Programme: EVA009 Industrial Automation using PLC & SCADA
Date and Venue: PSS Lab
Class for whom it was conducted: III year B.E. EEE
Name, Designation and Address of the Resource Person / Speaker :

1. Mr. E. Thangam, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam
2. Mr. S. Meenakshisundaravel, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam

Details of Participants:

Sl.No.	Name of the Participant	Signature of Participants									
		Day 1 21.07.22		Day 2 22.07.22		Day 3 23.07.22		Day 4 25.07.22		Day 5 26.07.22	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Abishek Bebito A										
2.	Balasubramaniam M										
3.	Chandru R										
4.	Dhana Bharathi Lakshmi G										
5.	Gayathree P G										
6.	Jeyakrishnababu M										
7.	Jeyapadma B										
8.	Kalai Arun Balu R										
9.	Kayalvizhi P										
10.	Keerthian V										
11.	Lakshmi Narayanan S										
12.	Leelaprasadh A										
13.	Mohamed Nikil M										
14.	Abishek Kumar J										
15.	Alagarsamy Yasvanth T R										
16.	Alagendra R										
17.	Arunkumar.S										
18.	Ashwath Arjun T										

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Sl.No.	Name of the Participant	Signature of Participants									
		Day 1 21.07.22		Day 2 22.07.22		Day 3 23.07.22		Day 4 25.07.22		Day 5 26.07.22	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
19.	Aswin S										
20.	Ayyanar A										
21.	Balaraman G										
22.	Bhuvanesh G										
23.	Gokul G										
24.	Gokul N										
25.	Gokul R										
26.	Jeyasakthi M										
27.	Kannan A S										
28.	Karpagaraj M										
29.	Kasirajan P										
30	Kishore P										
31.	Nikil Dev										
32.	Muthu Hareesh S										
33.	Muthupandi P										
34.	Ponselvam U										
35.	Praveen Selvamani M										
36.	Rajkumar M										
37.	Sabarisha V										
38.	Sakthi Karuppasamy K										
39.	Sathish Siddarth.V										
40.	Suryaprakash P										
41.	Udhaya T										
42.	Varun Ganesh M										
43.	Vijay Anandh S										
44.	Yuvapriya N										
45.	Nithish Arjun S K										
46.	Rajesh V										
47.	Rajkumar K										
48.	Ramganesh N										
49.	Sabarivasa R										

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Sl.No.	Name of the Participant	Signature of Participants									
		Day 1 21.07.22		Day 2 22.07.22		Day 3 23.07.22		Day 4 25.07.22		Day 5 26.07.22	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
50.	Sakthi Aravinth M										
51.	Sangiliguru R										
52.	Santhosh M										
53.	Sasikaruppya M										
54.	Senthil Kumar M										
55.	Senthil Murugan J										
56.	Sivaguruthatchinamoorthy G										
57.	Sivaram R										
58.	Surya Kumar T										
59.	Vairamani M										
60.	Vigneshkumar G										

27/07/22

Signature of Faculty Coordinator

27/07/22

HOD

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RAMCO INSITIUTE OF TECHNOLOGY, RAJAPALAYAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE DETAILS

Title of the Course : EVA009 Industrial Automation using PLC & SCADA
Year / Branch / Semester : III / EEE / V

Course Handling Faculty :
1. Mr. E. Thangam, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam
2. Mr. S. Meenakshisundaravel, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam

Session	Date/Day	Theory/Practical	Topics Covered
I	01.08.2022 (Monday)	Theory (2 Periods)	Need and benefit of automation, PLC system : applications of PLC, PLC modules, I/O module, Communication module, PID module, Input analog and digital devices, Output analog and digital devices, PLC registers
		Practical (2 Periods)	Installation of hardware and software components of given PLC system and Check it's working by running a sample program.
II	02.08.2022 (Tuesday)	Theory (2 Periods)	PLC timer functions, PLC counter functions, PLC simple arithmetic and logical functions
		Practical (2 Periods)	Identification of intelligent PID, Input, Output, Communication Module. Wire inputs, outputs via PLC input output modules Wire intelligent, PID, Communication module with PLC
III	03.08.2022 (Wednesday)	Theory (1 Periods)	PLC ladder logic diagram, Advanced PLC functions like SKIP, Master control relay, Jump with non-return, jump with return, Sequencer function
		Practical (2 Periods)	Develop and Implement ladder logic to realize D, RS, JK, T flip-flop
IV	04.08.2022 (Thursday)	Theory (1 Periods)	PLC applications: Bottling filling plant, Material handling elevator, 2-axis robot with sequencer control, level control, Trouble shooting
		Practical (2 Periods)	Simulate industrial application of PLC on Delay Timer Check the delay timer operation using actual PLC
V	05.08.2022 (Friday)	Theory (1 Periods)	Introduction to DCS, concept of DCS, hierarchy of DCS, function of each level of DCS
		Practical (3 Periods)	Check the UP/DOWN Counter operation using actual PLC Check the Subtraction function using actual PLC.
VI	06.08.2022 (Saturday)	Theory (1 Periods)	Introduction to supervisory control and data acquisition system, SCADA architecture
		Practical (3 Periods)	Simulate the Bottle filling process operation on PLC simulator

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Session	Date/Day	Theory/Practical	Topics Covered
VII	07.08.2022 (Sunday)	Theory (1 Periods)	Introduction to supervisory control and data acquisition system, SCADA architecture
		Practical (3 Periods)	Simulate the material handling elevator operation on PLC simulator
VIII	08.08.2022 (Monday)	Theory (1 Periods)	Interfacing SCADA and PLC
		Practical (2 Periods)	Testing of DCS and SCADA, Set up a SCADA configuration
Assessment I	09.08.2022 (Tuesday)	The students are asked to develop and implement a ladder logic PLC program of a given problem.	
IX	10.08.2022 (Wednesday)	Theory (1 Periods)	Induction motor drive: V/F control, direct torque control
		Practical (2 Periods)	Testing of induction motor drive.
X	11.08.2022 (Thursday)	Theory (1 Periods)	Introduction to AC Servo motor drives, DC motor drives
		Practical (2 Periods)	Testing of AC drives and Vector control modes of operation of AC drive.
XI	12.08.2022 (Friday)	Theory (1 Periods)	Introduction to AC drive interfacing technique
		Practical (3 Periods)	Interfacing AC drive with PLC.
XII	13.08.2022 (Saturday)	Theory (1 Periods)	Introduction to Stepper motor drives
		Practical (2 Periods)	Testing of stepper motor drive.
XIII	14.08.2022 (Sunday)	Theory (1 Periods)	Introduction to DC Servo motor drives
		Practical (2 Periods)	Testing of servo drive and position control
Assessment II	15.08.2022 (Monday)	The students are asked to develop and implement an industrial SCADA system for a given problem.	

Note: The assessment for the above course will be conducted by considering all the criteria of rubrics method and will be assessed by evaluation committee constituted by the Head of the department.

Course Designer & Coordinator

HoD/EEE

Vice-Principal

Principal

Evaluation Team Members:

1. Head of the Department
2. One senior faculty Member Handling the course
3. One senior faculty Member Nominated by Head of the Institution

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RAMCO INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Academic Year: 2022 - 2023 (Odd Semester)

PORTAL ENTRY

Attendance & Mark Statement

V Semester B.E Electrical and Electronics Engineering

Name of the Faculty member : Mr. E. Thangam & Mr. S. Meenakshi Sundaravel

Course Code & Title : EVA009 Industrial Automation using PLC and SCADA (Value Added Course)

No. of Periods Conducted : 30

Sl. No.	Reg. No.	Name of the Student	No. of Periods attended	Internal Marks
1.	953620105001	ABISHEK BEBITO A	30	93
2.	953620105002	BALASUBRAMANIAM M	30	83
3.	953620105003	CHANDRU R	30	92
4.	953620105004	DHANA BHARATHI LAKSHMI G	30	93
5.	953620105005	GAYATHREE P G	30	92
6.	953620105006	JEYAKRISHNABABU M	30	87
7.	953620105007	JEYAPADMA B	30	94
8.	953620105008	KALAI ARUN BALU R	30	78
9.	953620105009	KAYALVIZHI P	30	72
10.	953620105010	KEERTHIAN V	30	90
11.	953620105011	LAKSHMI NARAYANAN S	30	87
12.	953620105012	LEELAPRASADH A	30	94
13.	953620105013	MOHAMED NIKIL M	30	65
14.	953620105014	MUTHU HAREESH S	30	74
15.	953620105015	MUTHUPANDI P	30	79
16.	953620105016	PONSELVAM U	30	90
17.	953620105017	PRAVEEN SELVAMANI M	30	85
18.	953620105018	RAJKUMAR M	30	83
19.	953620105019	SABARISHA V	30	75
20.	953620105020	SAKTHI KARUPPASAMY K	30	91
21.	953620105021	SATHISH SIDDARTH V	30	81
22.	953620105022	SURYAPRAKASH P	30	83
23.	953620105023	UDHAYA T	30	70
24.	953620105024	VARUN GANESH M	30	62
25.	953620105025	VIJAY ANANDH S	30	91
26.	953620105026	YUVAPRIYA N	30	72
27.	953620105301	ABISHEK KUMAR J	30	92
28.	953620105302	ALAGARSAMY YASVANTH T R	30	100

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Sl. No.	Reg. No.	Name of the Student	No. of Periods attended	Internal Marks
29.	953620105303	ALAGENDRA R	30	82
30.	953620105304	ARUNKUMAR.S	30	94
31.	953620105305	ASHWATH ARJUN T	30	83
32.	953620105306	ASWIN S	30	77
33.	953620105307	AYYANAR A	30	78
34.	953620105308	BALARAMAN G	30	88
35.	953620105309	BHUVANESH G	30	95
36.	953620105310	GOKUL G	30	90
37.	953620105311	GOKUL N	30	66
38.	953620105312	GOKUL R	30	94
39.	953620105313	JEYASAKTHI M	30	86
40.	953620105314	KANNAN A S	30	85
41.	953620105315	KARPAGARAJ M	30	74
42.	953620105316	KASIRAJAN P	30	99
43.	953620105317	KISHORE P	30	95
44.	953620105318	NIKIL DEV	30	90
45.	953620105319	NITHISH ARJUN S K	30	78
46.	953620105320	RAJESH V	30	92
47.	953620105321	RAJKUMAR K	30	80
48.	953620105322	RAMGANESH N	30	75
49.	953620105323	SABARIVASA R	30	76
50.	953620105324	SAKTHI ARAVINTH M	30	96
51.	953620105325	SANGILIGURU R	30	90
52.	953620105326	SANTHOSH M	30	79
53.	953620105327	SASIKARUPPYA M	30	82
54.	953620105328	SENTHIL KUMAR M	30	82
55.	953620105329	SENTHIL MURUGAN J	30	85
56.	953620105330	SIVAGURUTHATCHINAMOORTHY G	30	71
57.	953620105331	SIVARAM R	30	91
58.	953620105332	SURYA KUMAR T	30	83
59.	953620105333	VAIRAMANI M	30	81
60.	953620105334	VIGNESHKUMAR G	30	85

18/11/22
E. Thangam

18/11/22
S. Meenakshi Sundaravel

18/11/22
VAC Faculty Incharge
[A.S. VIGNESHWAR]

Course Coordinator

S. Kan 18/11/22
HoD/EEE
[S. KANNAN]

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant :

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

Date: 26.07.22 **Signature of Participant:**

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : G. BALARAMAN

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

Date: **Signature of Participant:**

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : A. Ayyanar.
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

Date: **Signature of Participant:**

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : V. Rajesh
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

Date: **Signature of Participant:**

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : VIGNESH KUMAR. G
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: ladder Logic in PLC Simen Software Logo v8

m. Any specific feedback: Nothing

Date:

Signature of Participant: G. Vignesh

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : V. Sathish Siddarth

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

Date:

V. Siddarth

Signature of Participant:

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : T. Ashwath Arjun

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

Date:

Signature of Participant:

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : N. Gokul

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ✓Yes / No

k. Would you like to have another programme by the same Resource person? ✓Yes / No

l. Name the specific topic or session, which you liked most: Up/down counter.

m. Any specific feedback:

N. Gok

Date: **Signature of Participant:**

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : B. Nikit dev

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: up/down counter

m. Any specific feedback:

Date:

Signature of Participant:

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : M. Balasubramanyam
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Primer

m. Any specific feedback: Good

Date:

Signature of Participant: M. Balasubramanyam

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : P. KASIRAJAN

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Automation Paint Mixture

m. Any specific feedback:

Date: **Signature of Participant:** P. Kanagaraj

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : A. Leela Prasadh
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Timer

m. Any specific feedback: No

Date:

Signature of Participant:

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : K.RAJKUMAR
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ~~Yes~~ / No

k. Would you like to have another programme by the same Resource person? ~~Yes~~ / No

l. Name the specific topic or session, which you liked most: Convyor

m. Any specific feedback: Good

Date: **Signature of Participant:** K. RAJKUMAR

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Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : R. Chandru
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes ✓ / No

k. Would you like to have another programme by the same Resource person? Yes ✓ / No

l. Name the specific topic or session, which you liked most: X-OR Gate, Conveyor topic

m. Any specific feedback: Stair Case.

Date:

R. Chandru
K. Sakthi

Signature of Participant:

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : M. Jeyakrishnababu
Title of Programme / Course attended : Value added Course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Timer

m. Any specific feedback: Nil

Date: **Signature of Participant:** M. Jeyakrishnababu

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : S. Lakshmi Narayanan

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Ladder logic topic on counter

m. Any specific feedback: Nothing. All good

Date: **Signature of Participant:** S. Lakshmi

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : M. Manpagaraj

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

M. Manp

Date: **Signature of Participant:**

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : R. Sangili Gurus
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: ALL

m. Any specific feedback: need more PLC kits and components

Date: 26.7.2022

Signature of Participant: R. Sangili Gurus

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : J. SENTHIL MURUGAN
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Automation

m. Any specific feedback: VERY USEFUL

J. Senthil Murugan

Date: **Signature of Participant:**

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : U.Ponselvam

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / ~~No~~

k. Would you like to have another programme by the same Resource person? Yes / ~~No~~

l. Name the specific topic or session, which you liked most: Ladder

m. Any specific feedback: nothing

Date: **Signature of Participant:** U.Bala

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : V. Mahaalisha

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ☑ Yes / No

k. Would you like to have another programme by the same Resource person? ☑ Yes / No

l. Name the specific topic or session, which you liked most: Counter

m. Any specific feedback: Nill

V. Mahaalisha

Signature of Participant:

Date:

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : Vdhaya . T

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ✓Yes / No

k. Would you like to have another programme by the same Resource person? ✓Yes / No

l. Name the specific topic or session, which you liked most: NIL

m. Any specific feedback: NIL

Date: **Signature of Participant:**

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : M. Sakthi Aravinth.

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue 26.7.2022 PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: ~~w~~ car washing.

m. Any specific feedback: No.

Date: 26.7.2022 **Signature of Participant:**

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : S. Vijay Anandh
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Burglar alarm system topic.

m. Any specific feedback: Please provide such arrangement then and there.

Date: 26/7/22 **Signature of Participant:** Sign

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : S. Aswin

Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA

Date and Venue : PSS Lab

Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / ~~No~~

k. Would you like to have another programme by the same Resource person? Yes / ~~No~~

l. Name the specific topic or session, which you liked most: About counters and timers.

m. Any specific feedback: —

Signature of Participant: S. Aswin

Date:

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RAMCO INSTITUTE OF TECHNOLOGY
Department of EEE

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant : P. KayalVizhi.
Title of Programme / Course attended : Value added course on Industrial Automation using PLC and SCADA
Date and Venue : PSS Lab
Name of the Resource Person / Speaker : Mr. E. Thangam-AP(SG)/EEE, Mr. S. Meenakshisundaravel-AP(SG)/EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: —

m. Any specific feedback: —

Date:

Signature of Participant: P. KayalVizhi.

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

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RAMCO INSITIUTE OF TECHNOLOGY, *RAJAPALAYAM*
DEPARTMENT OF ELECTRICAL AND ELECTRONICS *ENGINEERING*
VALUE ADDED COURSE DETAILS

Title of the Course : **EVA009 Industrial Automation using PLC & SCADA**
Year / Branch / Semester : **III / EEE / V**

Course Handling Faculty :
1. Mr. E. Thangam, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam
2. Mr. S. Meenakshisundaravel, Assistant Professor (SG)/EEE, Ramco Institute of Technology, Rajapalayam

Time: **FN: 9.00 A.M. to 12.40 P.M., AN: 1.20 P.M. to 5.00 P.M.**

Venue: **Power System Simulation Laboratory**

Session	Date/Day	Thoery/Practical	Topics Covered
I-FN	21.08.2022 (Thursday)	Theory (1 Periods)	Need and benefit of automation, PLC system : applications of PLC, PLC modules, I/O module, Communication module, PID module, Input analog and digital devices, Output analog and digital devices, PLC registers
		Practical (2 Periods)	Installation of hardware and software components of given PLC system and Check it's working by running a sample program.
II- AN	21.08.2022 (Thursday)	Theory (2 Periods)	PLC timer functions, PLC counter functions, PLC simple arithmetic and logical functions
		Practical (2 Periods)	Identification of intelligent PID, Input, Output, Communication Module. Wire inputs, outputs via PLC input output modules Wire intelligent, PID, Communication module with PLC
III- FN	22.08.2022 (Friday)	Theory (1 Periods)	PLC ladder logic diagram, Advanced PLC functions like SKIP, Master control relay, Jump with non-return, jump with return, Sequencer function
		Practical (2 Periods)	Develop and Implement ladder logic to realize D, RS, JK, T flip-flop
IV-AN	22.08.2022 (Friday)	Theory (2 Periods)	PLC applications: Bottling filling plant, Material handling elevator, 2-axis robot with sequencer control, level control, Trouble shooting Introduction to DCS, concept of DCS, hierarchy of DCS, function of each level of DCS
		Practical (2 Periods)	Simulate industrial application of PLC on Delay Timer Check the delay timer operation using actual PLC Check the UP/DOWN Counter operation using actual PLC Check the Subtraction function using actual PLC.

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Session	Date/Day	Theory/Practical	Topics Covered
V-FN	23.08.2022 (Saturday)	Theory (1 Periods)	Introduction to supervisory control and data acquisition system, SCADA architecture Introduction to supervisory control and data acquisition system, SCADA architecture
		Practical (2 Periods)	Simulate the Bottle filling process operation on PLC simulator Simulate the material handling elevator operation on PLC simulator
VI- AN	23.08.2022 (Saturday)	Theory (1 Periods)	Interfacing SCADA and PLC Induction motor drive: V/F control, direct torque control
		Practical (3 Periods)	Testing of DCS and SCADA, Set up a SCADA configuration Testing of induction motor drive.
VII-FN	25.08.2022 (Monday)	Theory (1 Periods)	Introduction to AC Servo motor drives, DC motor drives
		Practical (2 Periods)	Testing of AC drives and Vector control modes of operation of AC drive.
VIII-AN	25.08.2022 (Monday)	Theory (2 Periods)	Introduction to AC drive interfacing technique
		Practical (2 Periods)	Interfacing AC drive with PLC.
IX-FN	26.08.2022 (Tuesday)	Theory (1 Periods)	Introduction to Stepper motor drives Introduction to DC Servo motor drives
		Practical (2 Periods)	Testing of stepper motor drive Testing of servo drive and position control
X-AN Assessment I & II	26.08.2022 (Tuesday)	The students are asked to develop and implement a ladder logic PLC program of a given problem. The students are asked to develop and implement an industrial SCADA system for a given problem.	

18/7/22, 18/7/22, 18/7/22
Course Designer & Coordinator

S.K 18/07/22
HoD/EEE
[S.KANNAN]

Vice-Principal

18/7/22
Principal

Evaluation Team Members:

1. Head of the Department
2. One senior faculty Member Handling the course
3. One senior faculty Member Nominated by Head of the Institution

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ABOUT THE COLLEGE

Ramco Institute of Technology was founded by Shri P.R.Ramasubrahmaneya Rajha, founder Chairman of Ramco Group in 2013 with a vision to impart high quality engineering education. It is situated at the foothills of Western Ghats, 5 kms from Rajapalayam Bus stand in Ayyanar Kovil Road. The College provides world-class infrastructure and facilities to both the students and staff members. It has a very good learning atmosphere facilitated by high quality teaching by well-qualified and experienced faculty members, e-learning modules with smart classrooms thereby emulating IIT system of education.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2013. Currently, it offers a 4-year Bachelor of Engineering degree programme in Electrical and Electronics Engineering following Anna University curriculum. The curriculum broadly covers important fields such as Power System, Control System, Electromagnetic Fields, Analog and Digital Eectronics, Power Electronics, Electrical Machines and Drives, and High Voltage Engineering. The department has dedicated and state-of-the-art laboratories to cater to the academic and research activities. The laboratories are well equipped with computational facilities and resources both in terms of hardware and software. The department has on its roll well qualified and experienced faculty members, supporting staff and modern infrastructure in the form of elegant and smart classrooms, spacious laboratories, latest machinery and equipment.

OBJECTIVE OF THE COURSE

The objective of the course is to:
To develop the coding for any type of industrial applications using MATLAB.

COURSE CONTENTS

The following topics will be covered:

- MATLAB commands
- Vectors and matrices
- Importing data
- Indexing into and modifying arrays
- Array calculations
- Calling functions
- Obtaining help
- Plotting data
- MATLAB scripts
- Logical arrays
- Programming

Ramco Institute of Technology
Rajapalayam – 626117

Value Added Course
on
"Application of MATLAB for Electrical Engineering Problems"

MATLAB®

Organized by
Department of Electrical & Electronics Engineering,
RAMCO INSTITUTE OF TECHNOLOGY
Rajapalayam - 626 117
Tel: +91 4563 233 400, 413
Website: www.ritrjpm.ac.in

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE

Academic Year 2021-2022(Odd Semester)

24.01.2022

Submitted to the Principal

Sir,

To improve the employability of II year EEE students in industrial sectors and also for doing their mini and major projects. The skill and knowledge in the areas of MATLAB is very much required. These technical skills will be imparted and strengthened by means of conducting the following value added course to II Year EEE students.

Sl. No	Name of the Department	Year	Date	Name of the course	Resource Person
1	EEE	II	24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022 and 31.01.2022	Application of MATLAB for Electrical Engineering Problems	Dr. S. Kannan, Prof & Head/EEE Dr. B. Deepalakshmi, Asso. Prof/EEE

By conducting this value added course, the following PO's will be mapped:

Name of Course	PO1 (Engineering Knowledge)	PO2 (Problem analysis)	PO3 (Design/Development of solutions)	PO12 (Lifelong learning)	PSO1	PSO3
Application of MATLAB for Electrical Engineering Problems	3	3	3	3	3	2

In this regard, we request your kind approval for conducting above mentioned value added course to II year EEE students.

24/01/2022
Faculty Coordinator
[A.S.VIGNESHWAR]

24/01/22
HoD/EEE

Vice Principal

Principal
25/1/22

RAMCO INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE

Academic Year 2021-2022(Odd Semester)

CIRCULAR

22.01.2022

This is to inform you that, Value Added Course is planned to conduct on "Application of MATLAB for Electrical Engineering Problems" for II-year B.E EEE Students. The students are advised to enhance their knowledge by attending the value added course.

Date: 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022 and 31.01.2022

Platform: Google Meet

Time: 10.00 AM – 5.00 PM

22/01/2022
Faculty Coordinator

22/01/22
HOD/EEE

Copy to:
1) Department Notice Board
2) Circulate to all the Faculty Members
3) File

RAMCO INSTITUTE OF TECHNOLOGY

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NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE

Academic Year 2021-2022(Odd Semester)

Date: 22.01.22

To improve the employability of II year EEE students in industrial sectors, the skill and knowledge in the areas of MATLAB is very much required. These technical skills will be imparted and strengthened by means of conducting the following relevant value added course by internal faculty members –Dr. S. Kannan, Prof/Head-EEE & Dr. B. Deepalakshmi, Asso. Prof./EEE. For the above said reasons, the following value added course is going to be organised:

Sl.No.	Year	Name of the course	Description
1.	II	Application of MATLAB for Electrical Engineering Problems	• This course is used to understand the basic concepts of MATLAB. • It is used to provide the knowledge about how to solve real time engineering problems using MATLAB.

22/01/2022
Faculty In-Charge
(Value Added Course)

S. Kan 22/01/22
HoD/EEE

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Value Added Course Attendance details

Title of the Programme: Application of MATLAB for Electrical Engineering Problems
Date : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022 and 31.01.2022
Class for whom it was conducted: II year B.E. EEE
Name, Designation and Address of the Resource Person / Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

Details of Participants:

Sl.No.	Name of the Participant	Signature of Participants											
		24.01.2022		25.01.2022		27.01.2022		28.01.2022		29.01.2022		31.01.2022	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	ABISHEK BEBITO A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2.	BALASUBRAMANIAM M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3.	CHANDRU R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4.	DHANA BHARATHI LAKSHMI G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5.	GAYATHREE P G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6.	JEYAKRISHNABABU M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7.	JEYAPADMA B	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8.	KALAI ARUN BALU R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9.	KAYALVIZHI P	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10.	KEERTHIAN V	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11.	LAKSHMI NARAYANAN S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12.	LEELAPRASADH A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13.	MOHAMED NIKIL M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14.	ABISHEK KUMAR J	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15.	ALAGARSAMY YASVANTH T R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
16.	ALAGENDRA R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
17.	ARUNKUMAR.S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18.	ASHWATH ARJUN T	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19.	ASWIN S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
20.	AYANAR A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

Sl.No.	Name of the Participant	Signature of Participants											
		24.01.2022		25.01.2022		27.01.2022		28.01.2022		29.01.2022		31.01.2022	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
21.	BALARAMAN G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
22.	BHUVANESH G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
23.	GOKUL G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
24.	GOKUL N	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
25.	GOKUL R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
26.	JEYASAKTHI M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
27.	KANNAN A S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
28.	KARPAGARAJ M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
29.	KASIRAJAN P	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
30.	KISHORE P	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
31.	NIKIL DEV	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
32.	MUTHU HAREESH S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
33.	MUTHUPANDI P	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
34.	PONSELVAM U	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
35.	PRAVEEN SELVAMANI M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
36.	RAJKUMAR M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
37.	SABARISHA V	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
38.	SAKTHI KARUPPASAMY K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
39.	SATHISH SIDDARTH V	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
40.	SURYAPRAKASH P	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
41.	UDHAYA T	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
42.	VARUN GANESH M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
43.	VIJAY ANANDH S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
44.	YUVAPRIYA N	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
45.	NITHISH ARJUN S K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
46.	RAJESH V	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
47.	RAJKUMAR K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
48.	RAMGANESH N	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
49.	SABARIVASA R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
50.	SAKTHI ARAVINTH M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
51.	SANGILIGURU R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

Sl.No.	Name of the Participant	Signature of Participants											
		24.01.2022		25.01.2022		27.01.2022		28.01.2022		29.01.2022		31.01.2022	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
52.	SANTHOSH M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
53.	SASIKARUPPYA M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
54.	SENTHIL KUMAR M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
55.	SENTHIL MURUGAN J	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
56.	SIVAGURUTHATCHINAMOORTHY G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
57.	SIVARAM R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
58.	SURYA KUMAR T	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
59.	VAIRAMANI M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
60.	VIGNESHKUMAR G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
61.	YOGESWARAN G R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

31/01/22

Signature of Faculty Coordinator

S.K 31/01/22

HOD

[S. KANNAN]

MathWorks® | *Training Services*

Course Completion Certificate

Vijay Anandh S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

25 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

Jeyapadma B

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

02 December 2022

MathWorks® | *Training Services*

Course Completion Certificate

GAYATHREE P.G

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

25 November 2022

MathWorks® | *Training Services*

Course Completion Certificate

Dhana Bharathi Lakshmi G

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

A.Leela Prasadh

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

26 January 2022

MathWorks | *Training Services*

Course Completion Certificate

Chandru R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

25 January 2022

MathWorks | *Training Services*

Course Completion Certificate

Lakshmi Narayanan

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

29 January 2022

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : R. Chandru.
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: MATLAB onramp

m. Any specific feedback: thanks for the program

Date: 31.01.22 Signature of Participant: R. Chandru

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : Arun Kumar . S
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ✓ Yes / No

k. Would you like to have another programme by the same Resource person? ✓ Yes / No

l. Name the specific topic or session, which you liked most: MATLAB onramp

m. Any specific feedback: Thanks for the program

Date: 31.01.22

Signature of Participant:

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : Praveen Selvamani M
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: MATLAB overamp

m. Any specific feedback: Thanks for the program

Date: 31.01.22 **Signature of Participant:** M. Praveen

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : P.G. Gayathree
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker Prof./EEE : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso.

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☐ 75-85% ☑ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ~~Yes~~ ✓ / No

k. Would you like to have another programme by the same Resource person? ~~Yes~~ ✓ / No

l. Name the specific topic or session, which you liked most: —

m. Any specific feedback: Thanks for the program.

Date: 31/01/22 Signature of Participant: PGayathree

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : S. Vijay Anandh
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: Matlab Onramp.

m. Any specific feedback: Thanks for the program.

Date: 31/01/22 Signature of Participant: [signature]

Form No. TP 04 Rev.No. 00 Effective Date: 18.01.2016

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : R. Sakthi Karuppasamy.
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☐ Very Good ☑ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☐ 85-95% ☑ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☐ Very Good ☐ Good ☑ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ~~Yes~~ / No

k. Would you like to have another programme by the same Resource person? ~~Yes~~ / No

l. Name the specific topic or session, which you liked most: Mathematics

m. Any specific feedback: -

Date: 31/01/22 **Signature of Participant:** R. Sakthi

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : Dr. Sivaguruthatchinamoorthy
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker Prof./EEE : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso.

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / ~~No~~

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: MATLAB ON CAMP

m. Any specific feedback: Thank you for program.

Date: 31/10/22

Signature of Participant: S.t. Sivaguruthatchinamoorthy

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : S.K. Nitheesh Aryan.
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker Prof./EEE : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso.

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: MATLAB

m. Any specific feedback: Thank you.

Date: 31/1/22.

S.K. Nitheesh Aryan
Signature of Participant:

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : AYYANAR.
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: MATLAB ON CAMP

m. Any specific feedback: Thank you for the program.

AYYANAR.

Date: 31/1/2022 **Signature of Participant:**

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : R. Saravanan
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ~~Yes~~ / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: MATLAB ONCAMP

m. Any specific feedback: Thank you for program.

Date: 31/10/2022

R. Saravanan
Signature of Participant:

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : V. Rajesh
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most: MATLAB ON CAM.

m. Any specific feedback: Thank you.

Date: 31/01/22

V. Rajesh.
Signature of Participant:

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : K-Rajkumar
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ~~Yes~~ / No

k. Would you like to have another programme by the same Resource person? ~~Yes~~ / No

l. Name the specific topic or session, which you liked most: MATLAB ONCAMP

m. Any specific feedback: Thank you for Program.

Date: 31/10/22

Signature of Participant:

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : U.ponselvam
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? Yes / ~~No~~

k. Would you like to have another programme by the same Resource person? Yes / ~~No~~

l. Name the specific topic or session, which you liked most:

m. Any specific feedback: nothing

Date: 31.1.22 Signature of Participant: U.Pon

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Value Added Course Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : Aswin.S
Title of Programme / Course attended : Application of MATLAB for Electrical Engineering Problems
Date and Venue : 24.01.2022, 25.01.2022, 27.01.2022 to 29.01.2022,31.01.2022
Name of the Resource Person/Speaker : Dr. S. Kannan, Prof. & Head/EEE and Dr. B. Deepalakshmi, Asso. Prof./EEE

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

c. How do you rate the practical sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

d. How do you rate the interactive sessions? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

e. How do you rate the quality of course material given to you? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

f. How do you rate the usefulness of programme in improving your skills?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

☑ 85-95% ☐ 75-85% ☐ 50-75% ☐ 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

☑ Very Good ☐ Good ☐ Satisfactory ☐ Poor

j. Whether the contents discussed were relevant to the topics planned? ~~Yes~~ / No

k. Would you like to have another programme by the same Resource person? Yes / ~~No~~

l. Name the specific topic or session, which you liked most:

m. Any specific feedback: nothing

Date:

S. Aswin

Signature of Participant:

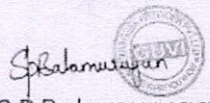
GUVI
tech deserves you

VENKATESHWARAN A

is here by awarded the certificate of achievement for

the successful completion of

Step into Robotic Process Automation



S.P.Balamurugan

Co-founder, CEO

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Learning Summary



VENKATESHWARAN A (Student ID: 43027A)

has completed the following course

" Machine learning Bootcamp For Beginners 2021: Introduction "

- Course Segementation: **Development > Analytics > Machine Learning**
- Duration: **0 hours 38 minutes**
- Level: **Beginner**
- No. of Lessons: **1**
- Issue Date: **18th June 2021**

- **Machine Learning Algorithms**
  - Machine Learning Algorithms

Certificate No: FLE343027A

This Learning Summary is the follow on transcript of Certificate of Learning (COL) and should be presented along with COL. Know more about Certificate of Learning, visit https://www.learnmall.in/COL

Certificate No: FLE343027A

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Certificate of Learning



VENKATESHWARAN A

Student ID: 43027A

has completed the following course

Machine learning Bootcamp For Beginners 2021: Introduction

0hr,38min	1	Beginner
Total Duration	No. of Lessons	Level of the Course

Issued on **18th June 2021**

Certificate Link: **learnmall.in/cert/FLE343027A**

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★

AWESOME

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Future Learn

Issued 15th June 2021 futurelearn.com/certificates/spa0wkx

Certificate of Achievement

VENKATESHWARAN A

has completed the following course:

DIGITAL SKILLS: WEB ANALYTICS
ACCENTURE

This online course provided an insight into web analytics, its role in business and the types and techniques that can be used and why they are important in an ever-evolving digital world.

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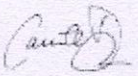

Camilla Drejer
Director of UKI Corporate Citizenship
Accenture

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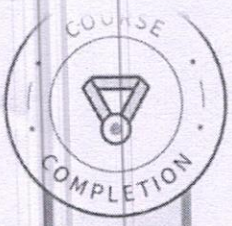

Congratulations, VENKATESHWARAN A

Learning Python

Course completed on Jun 17, 2021 at 05:41AM UTC • 2 hours 27 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

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- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

VENKATESHWARAN A

Student

NASSCOM FutureSkills

Academy Name

India

Location

6 Jun 2021

Date

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

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For completing the Cisco Networking Academy® Introduction to Cybersecurity course, ar demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to eat detection and defense
- Why cybersecurity is growing profession
- Opportunities availab for pursuing network security certifications

Krishna Kumar A

Student

NASSCOM FutureSkills

Academy Name

India

Location

20 Jun 2021

Date

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

Great Learning

CERTIFICATE OF COMPLETION

Presented to

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For successfully completing a free online course

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INSTRUCTOR	COURSE DATE	COURSE DURATION
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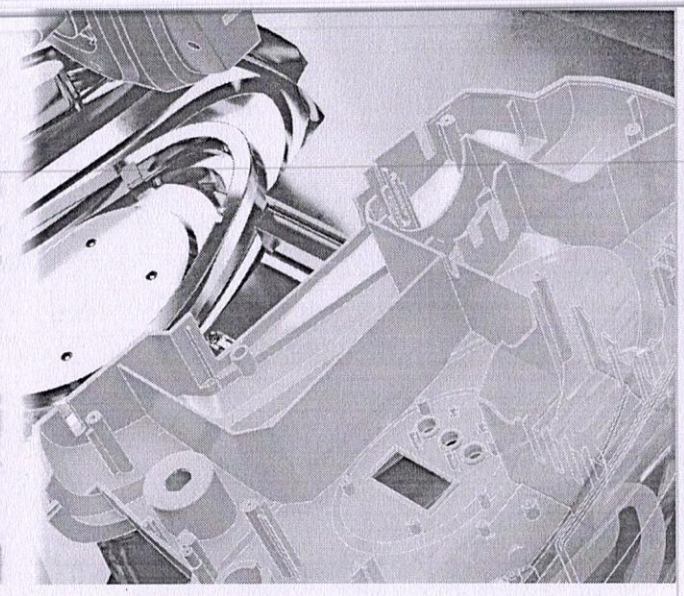

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SOUMYA SOUVIK K UNTIA

Full Name

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Institution

India

Country

IDW20-7-5911

C.No

09 Apr 2021

Date

Dr B Anbuthmabi
President, ICT Academy

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Six Sigma Yellow Belt

and is hereby designated as an Six Sigma Yellow Belt Professional

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coursera project network

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Aug 15, 2021

DINAKARAN.R

has successfully completed

Product Design: Designing a modern table lamp using SketchUp

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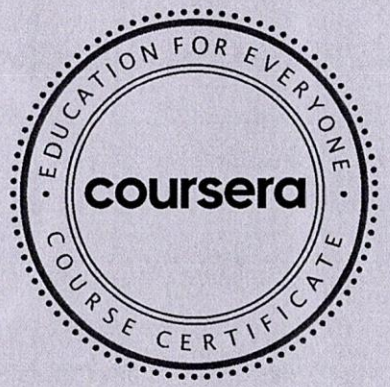

Inas Mohsen Motawei
Industrial Designer
Product Design

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Date of Completion: 2021-08-30

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Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
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Director

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12 December 2021

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15 February 2022

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Arthur F. Thurnau Professor,
Mechanical Engineering, Aerospace Engineering

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Head of Content Strategy, Learning

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Sunnyvale, CA 94085

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DIRECTOR, TRAINING SERVICES

16 February 2022

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Santhosh S

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Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

22 February 2022

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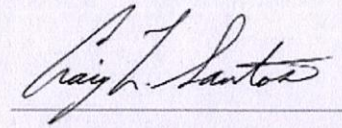

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Introduction to Deep Learning

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For Successfully Completing Course

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on 06 Mar 2022

Kishore Reddy

Co-Founder TechLearn.live

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OF COMPLETION

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For Successfully Completing Course

" Python Programming for Beginners "

on 04 Mar 2022



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Co-Founder TechLearn.live

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Kalirajakumar B

For Successfully Completing Course

" Python Programming for Beginners "

on 04 Mar 2022



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Co-Founder TechLearn.live

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Presented to

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For successfully completing a free online course

UI/UX

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on 10 Mar 2022

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Place: 6th Floor. Arjun Complex,
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Ahmedabad, Gujarat 380009

Certificate Id: CAN_157114563517025

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udemy

Certificate no: UC-04b9215a-75a0-4e02-b843-438d6aa08b8e
Certificate url: ude.my/UC-04b9215a-75a0-4e02-b843-438d6aa08b8e
Reference Number: 0004

CERTIFICATE OF COMPLETION

COMSOL Multiphysics all features walk through

Instructors **Bibhatsu Kuiri**

Santhosh S

Date **April 20, 2022**
Length **2 total hours**

coursera project network

PROJECT CERTIFICATE

Apr 20, 2022

Santhosh S

has successfully completed

Develop a Company Website with Wix

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Abby Saey

Abby Saey
Subject Matter Expert
Freedom Learning Group

EDUCATION FOR EVERYONE · coursera · PROJECT CERTIFICATE

Verify at:
https://coursera.org/verify/GESXRWUZ72RD

Coursera has confirmed the identity of this individual and their participation in the project.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22MM22S44230365

To
BALA ABISHEIK JM
31, AYYAMPATTI PILLAIYAR KOVIL STREET
TAMIL NADU - 626125
PH. NO :9345211838

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BALA ABISHEIK JM

for successfully completing the course

Welding Metallurgy

with a consolidated score of **50** %

Online Assignments	13.13/25	Proctored Exam	36.74/75

Total number of candidates certified in this course: **60**

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

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22MM22S44230365

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

IMARTICUS

Certificate of Completion

Awarded to

Ramkumar R

On successful completion based on the curriculum as prescribed by the Institute for

MATLAB Online Certification Course

N·S·D·C National Skill Development Corporation
Transforming the skill landscape

Skill India
कौशल भारत-कुशल भारत

Nikhil Bharsikar
Director

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Bala Abisheik JM

For successfully completing a free online course

Python Fundamentals for Beginners

Provided by

Great Learning Academy

(On June 2021)

Great Learning

CERTIFICATE OF COMPLETION

Presented to

B Keerthi Vasan

For successfully completing a free online course

Smart English Basics for Professionals

Provided by

Great Learning Academy

(On June 2021)

To verify this certificate visit verify.greatlearning.in/TSGEDWKF

Learner Achievement Verification

This is to certify that the management of Alison has decided to award Yuvaraj SK living in India the certificate of completion in Mechanical Engineering - Internal Combustion Engine Basics.

Learner Details

Name: Yuvaraj SK

E-mail: yuvarajsubramani1731@gmail.com

Country: India

Course and Result



Score
100%

Study Time
0:01:24

Mechanical Engineering - Internal Combustion Engine Basics

Internal combustion (IC) engines are not only used in the automotive engineering and automobile engineering industries, they are used to rotate pumps, generator rotors, fans and many other machines.

Modules Studied

Module 1: Internal Combustion Engine Basics

Module 2: Course assessment

Future Learn

Issued 30th May 2021. futurelearn.com/certificates/pw8wf1k

Certificate of Achievement

Sridharan S

has completed the following course:

INTRODUCTION TO BUSINESS MANAGEMENT
KING'S COLLEGE LONDON

This online course explored how to manage people, money and information, and how to develop your own management and leadership style.

4 weeks, 4 hours per week

Sonny Peart
Module Leader for Business Management, King's Foundations
King's College London

KING'S College LONDON

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

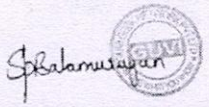
tech deserves you

VENKATESHWARAN A

is here by awarded the certificate of achievement for

the successful completion of

Interview Preparation Toolkit for Freshers



S.P.Balamurugan

Co-founder, CEO

Certificate issued on: June 6 2021

Verified certificate ID: C2z699E3I26Kx21p16

Verify certificate at: www.guvi.in/certificate?id=C2z699E3I26Kx21p16

Academy
Europe

CERTIFICATE

This certifies that

VENKATESHWARAN A

has satisfactorily completed the course of study in

Python Deep Learning

PROFESSIONAL CERTIFICATE PROGRAM

Awarded Date

07/06/2021

Alper Karakus
President – Open Learning, AEU

Ursula Hermann
Director – Continuing Education, AEU

Eur Academy pe

CERTIFICATE

This certifies that

VENKATESHWARAN A

has satisfactorily completed the course of study in

Machine Learning with Python

PROFESSIONAL CERTIFICATE PROGRAM

Awarded Date

07/06/2021

Alper Karakus
President – Open Learning, AEU



Ursula Hermann
Director – Continuing Education, AEU

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Introduction to Packet Tracer

For completing the Cisco Networking Academy® Introduction to Packet Tracer course.

VENKATESHWARAN A

Student

NASSCOM FutureSkills

Academy Name

India

Location

7 Jun 2021

Date

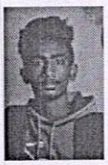
Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

Learner Achievement Verification

This is to certify that the management of Alison has decided to award Abi Nesh living in India the certificate of completion in Design Projects for Engineering Graphics and Design.

Learner Details



Name: Abi Nesh

E-mail: anesh7428@gmail.com

Country: India

Course and Result



Score
90%

Study Time
4:16:12

Design Projects for Engineering Graphics and Design

Discover the fundamentals of computer-aided design software and all of the complexities involved, with this exciting course on design projects in the engineering graphics and design field. You will start with an introduction to computer graphics, and you will look at three-dimensional modelling and engineering graphics in three-dimensional solid modelling.

Modules Studied

Module 1: Computer Graphics

Module 2: SolidWorks

Module 3: Assembly Drawing

Module 4: Course assessment

Learner Achievement Verification

This is to certify that the management of Alison has decided to award Yuvaraj SK living in India the certificate of completion in Design Projects for Engineering Graphics and Design.

Learner Details



Name: Yuvaraj SK

E-mail: yuvarajsubramani1731@gmail.com

Country: India

Course and Result



Score
97%

Study Time
0:55:13

Design Projects for Engineering Graphics and Design

Discover the fundamentals of computer-aided design software and all of the complexities involved, with this exciting course on design projects in the engineering graphics and design field. You will start with an introduction to computer graphics, and you will look at three-dimensional modelling and engineering graphics in three-dimensional solid modelling.

Modules Studied

Module 1: Computer Graphics

Module 2: SolidWorks

Module 3: Assembly Drawing

Module 4: Course assessment

Learner Achievement Verification

This is to certify that the management of Alison has decided to award Keerthi Vasan living in India the certificate of completion in Design Projects for Engineering Graphics and Design.

Learner Details



Name: Keerthi Vasan

E-mail: keerthi1149@gmail.com

Country: India

Course and Result



Score
90%

Study Time
0:42:49

Design Projects for Engineering Graphics and Design

Discover the fundamentals of computer-aided design software and all of the complexities involved, with this exciting course on design projects in the engineering graphics and design field. You will start with an introduction to computer graphics, and you will look at three-dimensional modelling and engineering graphics in three-dimensional solid modelling.

Modules Studied

Module 1: Computer Graphics

Module 2: SolidWorks

Module 3: Assembly Drawing

Module 4: Course assessment

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Abinesh. P

For successfully completing a free online course

Python for Beginners

Provided by

Great Learning Academy

(On June 2021)

To verify this certificate visit verify.greatlearning.in/RTKRGZLU

Certificate

VENKATESHWARAN A

Web Development for beginners by LearnCode.academy
05 hours 21 minutes

Month / Year
06 / 2021

Student signature:
VENKATESHWARAN A

Adrian Medeiros Dantas
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to cursa.app/en/verify and consult by email:
953618114080@ritrjpm.ac.in
Application manager: Medeiros Tecnologia LTDA - Brazilian company
E-mail: contato@cursa.app

cursa

RAMCO INSTITUTE OF TECHNOLOGY

(Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai)
NAAC Accredited and An ISO 9001:2015 certified institution

TÜVRheinland CERTIFIED
ISO 9001:2015
ID 9108633093

RIT/ECE /VAC/2021/01

27.07.2021

To

The Director,

Centre for Academic Courses,

Anna University,

Chennai – 600 025.

Sir,

Sub: Requesting approval – Value Added Courses – Syllabus and Schedule – Reg.
Ref: Affiliated Institutions – Guidelines for conducting Value Added Courses – Anna University Regulations 2017.

With reference to the above, we have proposed to offer the following value added courses to our V Semester B.E Electronics and Communication Engineering Students for the academic year 2021 – 2022 (ODD Semester).

Sl. No.	Course Code	Course Name	Credits
1	ECVAC2101	CONNECTED CAR - ELECTRONICS	2
2	ECVAC2102	CMOS ANALOG VLSI DESIGN	2
3	ECVAC2103	EMBEDDED SYSTEMS DESIGN USING ARM LPC2148	2

The syllabus and schedule (contains the details of course handling faculty, sessions of theory and practical, assessment procedure and evaluation team) of the proposed value added courses are formulated based on the guidelines AU – R2017 and enclosed the same for your kind approval.

Hereby, we request your kind approval and consent to offer these value added courses to our V semester students.

Thanking you,

Yours faithfully,

27/7/21

HOD/ECE

27/7/21

Vice Principal

27.7.21

Principal

North Venganallur, Ayyanarkovil Road, Rajapalayam - 626 117.
Virudhunagar District, Tamil Nadu. Tel : 04563 233400
E-mail : rit@ritrjpm.ac.in Web : www.ritrjpm.ac.in

ECVAC 2101	CONNECTED CAR- ELECTRONICS	L T P C 1 0 1 2

OBJECTIVES

- To familiarise with Automotive electronics and Protocols used.
- To identify the main challenges associated with Autonomous Cars.
- To familiarise with Connected cars and its applications.
- To identify the requirements of OBD.
- To develop application modules for Connected Cars and Smart Cars

I BASICS OF ELECTRONICS CONTROL UNIT **10**

Introduction-Automated-Connected and Intelligent Vehicles - Automotive Electronics -Overview CAN-UDS protocol - ECU operation- Networking of ECU- On Board Diagnostics- Advanced OBD -Failure Modes and Self Calibration- Real Time On Board Parameters- Cloud Connectivity- Testing and Validation

II AUTOMOTIVE SENSORS **11**

Connected Car Technology - Connectivity Fundamentals M2M- V2V-V2I- ETSI Standards for V2V Navigation and Other Applications -ADAS- Sensor Technology for Advanced Driver-Assistance Systems - Basics of Radar -LIDAR- Camera - Ultrasonic Sonar-Technology and Systems Integration of Sensor Data to On-Board Control Systems

LIST OF EXPERIMENTS: **9**

1. OBD- Testing
2. Connecting OBD to Control Unit & Testing.
3. Connecting Control Unit to Cloud
4. Online Diagnostic of Data with ML Algorithms
5. Dashboard Design and Integration
6. LIDAR- Sensing & Pattern Analysis

TOTAL: 30 Periods

OUTCOMES:

After completion of the course, it is expected that the students will be able to

- Identify how technology have developed to enable Autonomous Cars
- Classify the standards for V2V Applications
- Design and Test OBD Product
- Identify the role of Sensors in ADAS
- Describe the various types of Advanced driver assistance systems

Assessment Method (Weightage 100%)					
In-semester	Assessment Tool	Design/Modeling/ Assembly/Connection	Report Generation	MCQ/QUIZ / Viva Voce	Total
	Weightage	60 %	20 %	20 %	100 %

TEXT BOOKS:

1. Automotive Embedded Systems Handbook, CRC Press, 2009, ISBN 9781498797986.
2. Hermann Winner, Handbook of Driver Assistance Systems, Springer International Publishing Switzerland 2016

REFERENCE:

1. Bosch Automotive Electrics and Automotive Electronics Systems and Components, Networking and Hybrid Drive, Vieweg, 2014
2. Understanding Automotive Electronics-An Engineering Perspective, W B.Ribbens, Elsevier, 8th edition, 2017

27/7/21. 27/7/2021 27/7/21

Course Designer & Coordinator **HOD/ECE** **Vice Principal**

Principal

RAMCO INSITIUTE OF TECHNOLOGY, RAJAPALAYAM

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE DETAILS

Title of the Course : Connected Car- Electronics
Year / Branch / Semester : III / ECE / V

Course Handling Faculty :
Industry Experts:
1. Mr. R. Vimalathithan, Director, Krishtec, Coimbatore

Internal Faculty Members :
1. Mr. K. Ragavan, Assistant Professor (SG)/ Ramco Institute of Technology
2. Dr. S. Vairaprakash, Assistant Professor / Ramco Institute of Technology
3. Mrs. G.Gnanapriya, Assistant Professor (SG)/ Ramco Institute of Technology
4. Mrs. S. Jeeva, Assistant Professor/ Ramco Institute of Technology

Session	Date/Day	Thoery/Practical	Topics Covered
I	21.08.2021 (Saturday)	Theory (3 Periods)	Introduction-Automated-Connected and Intelligent Vehicles, Automotive Electronics -Overview CAN-UDS protocol
II	28.08.2021 (Saturday)	Theory (3 Periods)	ECU operation- Networking of ECU- On Board Diagnostics- Advanced OBD
III	04.09.2021 (Saturday)	Practical (3 periods)	OBD- Testing
IV	11.09.2021 (Saturday)	Theory (3 Periods)	Failure Modes and Self Calibration, Real Time On Board Parameters
V	18.09.2021 (Saturday)	Practical (3 periods)	Connecting OBD to Control Unit & Testing
VI	19.09.2021 (Sunday)	Theory (3 Periods)	Cloud Connectivity- Testing and Validation, Connected Car Technology - Connectivity Fundamentals M2M- V2V-V2I
VII	25.09.2021 (Saturday)	Practical (3 periods)	Connecting Control Unit to Cloud

Session	Date/Day	Thoery/Practical	Topics Covered
VIII	02.10.2021 (Saturday)	Theory (3 period)	ETSI Standards for V2V Navigation and Other Applications ADAS- Sensor Technology for Advanced Driver-Assistance Systems
Assessment I	03.10.2021 (Sunday)	Students have to analyse and write a report on the ETSI standards for Intelligent Transportation System	
IX	09.10.2021 (Saturday)	Practical (3 periods)	Online Diagnostic of Data with ML Algorithms
X	16.10.2021 (Saturday)	Theory (3 period)	Basics of Radar -LIDAR- Camera, Ultrasonic Sonar-Technology
XI	23.10.2021 (Saturday)	Theory (3 period)	Systems Integration of Sensor Data to On-Board Control Systems
XII	24.10.2021 (Sunday)	Practical (3 periods)	Dashboard Design and Integration
XIII	30.10.2021 (Saturday)	Practical (3 periods)	LIDAR- Sensing & Pattern Analysis
Assessment II	06.11.2021 (Saturday)	Students have to design a connected system for OBD, monitor/Analyse data and predict failures	

Note: The assessment for the above course will be conducted by considering all the criteria of rubrics method and will be assessed by evaluation committee constituted by the Head of the department.

27/7/21 27/7/2021 — **Course Designer & Coordinator**

27/7/21 — **HoD/ECE**

27/7/21 — **Vice – Principal**

27.7.21 — **Principal**

Evaluation Team Members:

1. Head of the Department
2. One senior faculty Member Handling the course
3. One senior faculty Member Nominated by Head of the Institution

Off: 22357077 / 73
22357074
Fax / Dir: 22352272

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY
CHENNAI – 600 025

RAMCO INSTITUTE OF TECHNOLOGY ★ RAJAPALAYAM - 626 117 ★
23 AUG 2021

DIRECTOR ACADEMIC COURSES ANNA UNIVERSITY CHENNAI-600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR

Letter No.2723/AU/VA/CAC/FICE/2021 .08.2021

To

The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC - Affiliated Institutions - Value Added Courses - Reg.
Ref : (i) Letter No. RIT/ECE/VAC/2021/01, date:27.07.2021.
(ii) Mail received from the HOD, Ramco Institute of Technology, date:17.08.21.

******

With references to the letter cited, the following Value Added Courses offered by Ramco Institute of Technology, Affiliated Institutions is allotted the course code as detailed below.

Sl. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA083	Connected Car-Electronics	1	0	2	2
2.	IVA084	Embedded Systems Design Using ARM LPC2148	1	0	2	2
3.	IVA085	Design and Analysis of MOS Circuits	1	0	2	2

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

Yours faithfully,

18.08.2021

DIRECTOR

Copy to:

1. The Principal, Ramco Institute of Technology, Rajapalayam – 626 117, Virudhunagar District.
2. The Chairperson, Faculty of Information and Communication Engineering, A.U., Chennai -25.
3. The Stock File.

AL

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Value Added Course 2021-22 (Odd Semester)

11.11.2021

Submitted to the Principal,

Respected Sir,

Sub: Requesting permission to conduct session with External Expert from Industry for handling Anna University Value Added Courses– reg.

We are conducting the following Anna University Value added course for III year ECE students during 2021-22 odd semester. Few session were planned with External Experts from Industry as given below.

Kindly we request your permission to invite the Resource persons for conducting the session and accord your approval for providing Honorarium from RIT account.

Sl. No.	Date	Year/ Sem	Name of the Course	Resource Person	No. of Students	Total Amount (in Rs.)
1	13.11.2021	III/V	Embedded Systems Design Using ARM LPC2148	Mr. Mohamed Safiyur Rahman Technical Specialist, Robert Bosch engineering and Business Solutions, Coimbatore	30	3,000.00
2	13.11.2021	III/V	Connected Car-Electronics	Dr. Vimalathithan R, Director, Krishtech, Coimbatore	19	3,000.00
3	13.11.2021	III/V	Design and Analysis of MOS Circuits	Mr. G.Harri ram, (Alumni) Senior Verification Engineer, Mobiveil Technology, Bangalore	33	-
					Total Amount	**6,000.00**
					Rupees Six Thousand only	

- Mr. G.Harri ram, 2013- 2017 Batch Alumni will be handling the session with free of cost for the course "Design and Analysis of MOS Circuits"

Head of Accounts: Academics/ECE/Co - Curricular Activities

11/11/2021
Value Added Course Incharge

11/11/21
HOD

12/11/21
DGM(A)

12/11/21
Vice Principal

12/11/21
Principal

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Value Added Course 2021-22 (Odd Semester)

Date: 13.11.2021

Submitted to the Principal
Respected Sir,

We have conducted a following Anna University Value added Course with External Experts for Third year ECE students on 13.11.2021. The following are the expenses involved in conducting the course.

Sl. No.	Name of the Item	Name of the Course	Resource Person	Total Amount (in Rs.)
1	Honorarium to Resource Person	Embedded Systems Design Using ARM LPC2148	Mr. Mohamed Safiyur Rahman Technical Specialist, Robert Bosch engineering and Business Solutions, Coimbatore **Account Details:** Name: MOHAMED SAFIYUR RAHMAN S Account Number: 615201524706 IFSC Code: ICIC0006152 Bank: ICICI	3,000.00
2		Connected Car-Electronics	Dr. Vimalathithan R, Director, Krishtech, Coimbatore **Account Details:** Name: VIMALATHITHAN R Account Number: 007901-0000-24080 IFSC Code: IOBA0000079 Bank: IOB	3,000.00
			Total Amount	**6,000.00**
			Rupees Six Thousand only	

The above said session was conducted as per schedule and feedbacks were collected from the students. Based upon the feedback, the students felt well satisfied about the course content and content delivery. Hence payment may kindly be released. Herewith the Permission approval is enclosed.

Head of Accounts: Academics/ECE/Co- Curricular Activities

13/11/21
Value Added Course Incharge

13/11/21
HOD/ECE

19/11/21
DGM(A)

20/11
Accountant

22/11/21
Vice Principal

22/11/21
Principal

RAMCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2021-22(Odd Semester)

STUDENTS NAMELIST FOR VALUE ADDED COURSE

IVA083 – Connected Car-Electronics

Semester and Branch: V Semester B.E. Electronics and Communication Engineering – A & B

Sl.No	Register Number	Name of the Student
1.	953619106001	ABINAYA S
2.	953619106004	AMUDHADEVI A S
3.	953619106005	ANUDHARSHINI M
4.	953619106011	DHARINI A
5.	953619106012	DHARSHINI K
6.	953619106015	DIWYA DHARSHINI R
7.	953619106026	ISHWARYA R
8.	953619106028	JEYAGOMATHI S
9.	953619106029	JISHA P S
10.	953619106033	KAVIN KUMAR R
11.	953619106035	KAVYA P
12.	953619106036	KEERTHIKA B
13.	953619106039	LINGESH S
14.	953619106040	LOGGAA SRI AGITHA K
15.	953619106048	NAMASIVAYAM T
16.	953619106052	PRADEEP C
17.	953619106056	RAMESH KUMAR K
18.	953619106065	SHANMUGAVISAL S.V
19.	953619106072	SURENDAR V

3/9/2021 3/9/21

Faculty Coordinators

3/9/21

HOD

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Value Added Course Attendance details

Title of the Programme : IVA083 & Connected Car - Electronics

Date and Venue : 5.9.21, 11.9.21, 18.9.21, 19.9.21, 26.9.21, 2.10.21, 3.10.21, 10.10.21,17.10.21, 19.10.21, 23.10.21, 24.10.21,31.10.21 , 3.11.21, 5.11.21, 7.11.21 ,13.11.21, 14.11.21, 21.11.21

Class for whom it was conducted : V Semester B.E. ECE - A & B

Name, Designation and Address of the Resource Person / Speaker :
1. Mr. K. Ragavan, Assistant Professor (SG)/ Ramco Institute of Technology
2. Dr. S. Vairaprakash, Assistant Professor / Ramco Institute of Technology
3. Mrs. G.Gnanapriya, Assistant Professor (SG)/ Ramco Institute of Technology
4. Mrs. S. Jeeva, Assistant Professor/ Ramco Institute of Technology

Details of Participants:

Sl. No.	Name of the Participant	Signature of Participants																	
		5.9.21	11.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	10.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	7.11.21	13.11.21	14.11.21	21.11.2
1.	Abinaya S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	Amudhadevi A S	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
3.	Anudharshini M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Dharini A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Dharshini K	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Diwya Dharshini R	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
7.	Ishwarya R	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Jeyagomathi S	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
9.	Jisha P S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sl. No.	Name of the Participant	Signature of Participants																	
		5.9.21	11.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	10.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	7.11.21	13.11.21	14.11.21	21.11.2
10.	Kavin Kumar R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Kavya P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	Keerthika B	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
13.	Lingesh S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	Loggaa Sri Agitha K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	Namasivayam T	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	Pradeep C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	Ramesh Kumar K	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
18.	Shanmugavisal S.V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	Surendar V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

27/11/21
Signature of Faculty Coordinator(s)

11/1/22
HOD/ECE

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering.

Value Added Course Attendance details

Title of the Programme: IVA083- Connected Car- Electronics

Date and Venue: 13.11.2021 & Embedded System Lab

Class for whom it was conducted: V Semester B.E. ECE - A & B

Name, Designation and Address of the Resource Person / Speaker: Dr. Vimalathithan R,
Director, Krishtech,
Coimbatore

Details of Participants:

Sl.No.	Name of the Participant	Signature of Participants
1.	ABINAYA S	S. Abinaya
2.	AMUDHADEVI A S	A.S.Amudhadevi
3.	ANUDHARSHINI M	M. Anudharshini
4.	DHARINI A	A. Dharini
5.	DHARSHINI K	K. Dharshini
6.	DIWYA DHARSHINI R	R. Diwya Dharshini
7.	ISHWARYA R	R. Ishwarya.
8.	JEYAGOMATHI S	S. Jeya
9.	JISHA P S	P.S Jisha
10.	KAVIN KUMAR R	R Kavin
11.	KAVYA P	P. Kavya
12.	KEERTHIKA B	B. Kuthi.
13.	LINGESH S	S. L
14.	LOGGAA SRI AGITHA K	K. Loggaa
15.	NAMASIVAYAM T	T
16.	PRADEEP C	C. Pradeep
17.	RAMESH KUMAR K	K. Ramesh.
18.	SHANMUGAVISAL S.V	S
19.	SURENDAR V	V. Surendar

Signature of Faculty Coordinator

HOD 18/11/21

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC and ISO 9001:2015 certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

CERTIFICATE OF PARTICIPATION

This to certify that

K.LOGGAA SRI AGITHA

has completed the value added course on IVA083 Connected Car- Electronics from 05.09.2021 to 21.11.2021 organized by the Department of Electronics and Communication Engineering in association with IE(I) Students Chapter of Ramco Institute of Technology, Rajapalayam.

Dr.S.Periyanayagi
Convener

Dr.L.Ganesan
Principal

Made for free with Certify'em

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TÜVRheinland CERTIFIED
ISO 9001:2015
ID 9108633093

RIT/ECE /VAC/2021/01

27.07.2021

To

The Director,

Centre for Academic Courses,

Anna University,

Chennai – 600 025.

Sir,

Sub: Requesting approval – Value Added Courses – Syllabus and Schedule – Reg.
Ref: Affiliated Institutions – Guidelines for conducting Value Added Courses – Anna University Regulations 2017.

With reference to the above, we have proposed to offer the following value added courses to our V Semester B.E Electronics and Communication Engineering Students for the academic year 2021 – 2022 (ODD Semester).

Sl. No.	Course Code	Course Name	Credits
1	ECVAC2101	CONNECTED CAR - ELECTRONICS	2
2	ECVAC2102	CMOS ANALOG VLSI DESIGN	2
3	ECVAC2103	EMBEDDED SYSTEMS DESIGN USING ARM LPC2148	2

The syllabus and schedule (contains the details of course handling faculty, sessions of theory and practical, assessment procedure and evaluation team) of the proposed value added courses are formulated based on the guidelines AU – R2017 and enclosed the same for your kind approval.

Hereby, we request your kind approval and consent to offer these value added courses to our V semester students.

Thanking you,

Yours faithfully,

27/7/21

HOD/ECE

27/7/21

Vice Principal

27.7.21

Principal

North Venganallur, Ayyanarkovil Road, Rajapalayam - 626 117.
Virudhunagar District, Tamil Nadu. Tel : 04563 233400
E-mail : rit@ritrjpm.ac.in Web : www.ritrjpm.ac.in

ECVAC 2102 **CMOS ANALOG VLSI DESIGN** **L T P C**
1 0 1 2

OBJECTIVES

- To understand the characteristics of MOSFET and modelling
- To design NMOS, PMOS and CMOS circuits for basic gates and amplifiers
- To implement schematic and analyse the transients and AC characteristics of CMOS circuits using cadence tool.

I INTRODUCTION TO MOS CHARACTERISTICS AND MODELLING **8**

MOS Transistor structure and device modelling, Non-ideal Effects of MOSFET, small signal parameters of MOSFET, MOS capacitance, Concept of transition frequency, introduction to EDA tools, layout versus schematic

II LINEAR AND NON LINEAR CIRCUITS **8**

OP-AMP Fundamentals, IC OP-AMP applications, CCVS and VCCS, Instrumentation Amplifiers, Non Linear Circuits, IC Analog Multiplier applications, Voltage Controlled Oscillator, Phase Locked Loop

III DESIGN OF MOS CIRCUITS **5**

CMOS Circuits for basic gates, CMOS Inverter, Common-Source Amplifier, Source-Follower or Common-Drain Amplifier, Common-Gate Amplifier, Source-Degenerated, MOS Differential Pair, Simple CMOS Current Mirror, Cascode current mirror, Frequency Responses.

LIST OF EXPERIMENTS: **9**

1. Design and Simulation of CMOS Inverting Amplifier and analyse the Transient response
2. Design of CMOS Universal gates and verify its input and output characteristics
3. Design and Analyse the gain and frequency response of Common-Source Amplifiers
4. Design and Simulation of simple differential amplifier. Analyse gain, bandwidth and CMRR.
5. Analyse Low-Frequency Response of the Common-drain Amplifiers and measure bandwidth.
6. Analog Design: Current Mirror using CMOS and analyse the DC, AC and transient analyse.

TOTAL: 30 Periods

OUTCOMES:

After completion of the course, it is expected that the students will be able to

- Explain the MOS fundamentals, small signal models and analysis of MOSFET based circuits.
- Design and Analyze analog circuits such as Differential Amplifier, OP-AMP, Current mirrors, Biasing circuits.
- Solve practical and state of the art analog VLSI design problems to serve VLSI industries.

Assessment Method (Weightage 100%)					
In-semester	**Assessment Tool**	**Design/Modeling / Assembly/ Connection.**	**Report Generation**	**MCQ/QUIZ/ Viva Voce**	**Total**
	Weightage	60 %	20 %	20 %	100 %

TEXT BOOKS:

1. Behzad Razavi, Design of Analog CMOS Integrated Circuits, 2nd Edition, McGraw-Hill Book company, 2002.

REFERENCE:

1. R.JacobBaker,H.W.Li, and D.E. Boyce CMOS Circuit Design ,Layout and Simulation, Prentice-Hall of, 2002.
2. P.E. Allen and D.R.Holberg, CMOS Analog Circuit Design, Oxford University Press , 2004.
3. R.Gregorian and G.C.Temes, Analog MOS Integrated Circuits for Signal Processing, John Wiley and Sons , 2004.

29/7/21 — **Course Designer & Coordinator**

27/7/21 — **HOD/ECE**

27/7/21 — **Vice Principal**

Principal 27.7.21

RAMCO INSITIUTE OF TECHNOLOGY, RAJAPALAYAM

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE DETAILS

Title of the Course : CMOS ANALOG VLSI DESIGN
Year / Branch / Semester : III / ECE / V

Course Handling Faculty :
Industry Experts:
1. Mr. Shiva Raja, Senior Architect at Cadence Design Systems, United States
2. Mr.Br.Shashank, Product Development Engineer at Intel Corporation, Bangalore

Internal Faculty Members :
1. Dr. A. Azhagujaisudhan Pazhani, Assistant Professor(S.G.)/Ramco Institute of Technology
2. Mr. S. Vijayakumar, Assistant Professor/Ramco Institute of Technology
3. Mr. D. Gopinath, Assistant Professor/Ramco Institute of Technology
4. Mr. P. Venketesh, Assistant Professor/Ramco Institute of Technology
5. Mrs. R. Divya, Assistant Professor/Ramco Institute of Technology

Session	Date/Day	Thoery/Practical	Topics Covered
I	21.08.2021 (Saturday)	Theory (3 Periods)	MOS Transistor structure and device modelling
II	28.08.2021 (Saturday)	Theory (3 Periods)	Non-ideal Effects of MOSFET, small signal parameters of MOSFET, MOS capacitance,
III	04.09.2021 (Saturday)	Theory (3 Periods)	Concept of transition frequency, introduction to EDA tools, layout versus schematic, OP-AMP Fundamentals
IV	11.09.2021 (Saturday)	Theory (3 Periods)	IC OP-AMP applications, CCVS and VCCS, Instrumentation Amplifiers
V	18.09.2021 (Saturday)	Theory (3 period)	Non Linear Circuits, IC Analog Multiplier applications, Voltage Controlled Oscillator, Phase Locked Loop
VI	25.09.2021 (Saturday)	Theory (3 period)	CMOS Circuits for basic gates, CMOS Inverter, Common-Source Amplifier, Source-Follower or Common-Drain Amplifier.

Session	Date/Day	Thoery/Practical	Topics Covered
VII	02.10.2021 (Saturday)	Practical (3 periods)	Design and Simulation of CMOS I.nverting Amplifier and analyse the transient response
VIII	03.10.2021 (Sunday)	Theory (3 period)	Common-Gate Amplifier, Source-Degenerated, MOS Differential Pair, Simple CMOS Current Mirror, Cascode current mirror, Frequency Responses.
IX	09.10.2021 (Saturday)	Practical (3 periods)	Design of CMOS Universal gates and verify its input and output characteristics
Assessment I	10.10.2021 (Sunday)	The students are asked to plot and verify the DC characteristics and transient of CMOS inverting amplifier by changing the width of the MOSFET	
X	16.10.2021 (Saturday)	Practical (3 periods)	Design and Analyse the gain and frequency response of Common-Source Amplifiers
XI	17.10.2021 (Sunday)	Practical (3 periods)	Design and Simulation of simple differential amplifier Analyse gain, bandwidth and CMRR
XII	23.10.2021 (Saturday)	Practical (3 periods)	Analyse Low-Frequency Response of the Common-drain Amplifiers and measure bandwidth.
XIII	30.10.2021 (Saturday)	Practical (3 periods)	Analog Design: Current Mirror using CMOS and analyse the DC, AC and transient analyse
Assessment II	31.10.2021 (Sunday)	The students are asked to design universal gate and verify its propagation delay for varies combination of input and also design and simulate Common Source, Common Drain, differential amplifier, Current mirror	

Note: The assessment for the above course will be conducted by considering all the criteria of rubrics method and will be assessed by evaluation committee constituted by the Head of the department

Course Designer & Coordinator **HoD/ECE** **Vice– Principal** **Principal**

Evaluation Team Members:

1. Head of the Department
2. One senior faculty Member Handling the course
3. One senior faculty Member Nominated by Head of the Institution

Off: 22357077 / 73
22357074
Fax / Dir: 22352272

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY
CHENNAI – 600 025

RAMCO INSTITUTE OF TECHNOLOGY ★ RAJAPALAYAM - 626 117 ★
23 AUG 2021

DIRECTOR ACADEMIC COURSES ANNA UNIVERSITY CHENNAI-600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR

Letter No.2723/AU/VA/CAC/FICE/2021 .08.2021

To

The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC - Affiliated Institutions - Value Added Courses - Reg.
Ref : (i) Letter No. RIT/ECE/VAC/2021/01, date:27.07.2021.
(ii) Mail received from the HOD, Ramco Institute of Technology, date:17.08.21.

******

With references to the letter cited, the following Value Added Courses offered by Ramco Institute of Technology, Affiliated Institutions is allotted the course code as detailed below.

Sl. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA083	Connected Car-Electronics	1	0	2	2
2.	IVA084	Embedded Systems Design Using ARM LPC2148	1	0	2	2
3.	IVA085	Design and Analysis of MOS Circuits	1	0	2	2

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

Yours faithfully,

18.08.2021

DIRECTOR

Copy to:

1. The Principal, Ramco Institute of Technology, Rajapalayam – 626 117, Virudhunagar District.
2. The Chairperson, Faculty of Information and Communication Engineering, A.U., Chennai -25.
3. The Stock File.

AL

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Value Added Course 2021-22 (Odd Semester)

11.11.2021

Submitted to the Principal,

Respected Sir,

Sub: Requesting permission to conduct session with External Expert from Industry for handling Anna University Value Added Courses– reg.

We are conducting the following Anna University Value added course for III year ECE students during 2021-22 odd semester. Few session were planned with External Experts from Industry as given below.

Kindly we request your permission to invite the Resource persons for conducting the session and accord your approval for providing Honorarium from RIT account.

Sl. No.	Date	Year/ Sem	Name of the Course	Resource Person	No. of Students	Total Amount (in Rs.)
1	13.11.2021	III/V	Embedded Systems Design Using ARM LPC2148	Mr. Mohamed Safiyur Rahman Technical Specialist, Robert Bosch engineering and Business Solutions, Coimbatore	30	3,000.00
2	13.11.2021	III/V	Connected Car-Electronics	Dr. Vimalathithan R, Director, Krishtech, Coimbatore	19	3,000.00
3	13.11.2021	III/V	Design and Analysis of MOS Circuits	Mr. G.Harri ram, (Alumni) Senior Verification Engineer, Mobiveil Technology, Bangalore	33	-
					Total Amount	**6,000.00**
					Rupees Six Thousand only	

- Mr. G.Harri ram, 2013- 2017 Batch Alumni will be handling the session with free of cost for the course "Design and Analysis of MOS Circuits"

Head of Accounts: Academics/ECE/Co - Curricular Activities

11/11/2021
Value Added Course Incharge

11/11/21
HOD

12/11/21
DGM(A)

12/11/21
Vice Principal

12/11/21
Principal

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Value Added Course 2021-22 (Odd Semester)

Date: 13.11.2021

Submitted to the Principal
Respected Sir,

We have conducted a following Anna University Value added Course with External Experts for Third year ECE students on 13.11.2021. The following are the expenses involved in conducting the course.

Sl. No.	Name of the Item	Name of the Course	Resource Person	Total Amount (in Rs.)
1	Honorarium to Resource Person	Embedded Systems Design Using ARM LPC2148	Mr. Mohamed Safiyur Rahman Technical Specialist, Robert Bosch engineering and Business Solutions, Coimbatore **Account Details:** Name: MOHAMED SAFIYUR RAHMAN S Account Number: 615201524706 IFSC Code: ICIC0006152 Bank: ICICI	3,000.00
2		Connected Car-Electronics	Dr. Vimalathithan R, Director, Krishtech, Coimbatore **Account Details:** Name: VIMALATHITHAN R Account Number: 007901-0000-24080 IFSC Code: IOBA0000079 Bank: IOB	3,000.00
			Total Amount	**6,000.00**
			Rupees Six Thousand only	

The above said session was conducted as per schedule and feedbacks were collected from the students. Based upon the feedback, the students felt well satisfied about the course content and content delivery. Hence payment may kindly be released. Herewith the Permission approval is enclosed.

Head of Accounts: Academics/ECE/Co- Curricular Activities

13/11/21
Value Added Course Incharge

13/11/21
HOD/ECE

19/11/21
DGM(A)

20/11
Accountant

22/11/21
Vice Principal

22/11/21
Principal

RAMCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2021-22(Odd Semester)

STUDENTS NAMELIST FOR VALUE ADDED COURSE

IVA085 – Design and Analysis of MOS Circuits

Semester and Branch: V Semester B.E. Electronics and Communication Engineering – A & B

Sl.No	Register Number	Name of the Student
1.	953619106006	ARAVIND M
2.	953619106009	CHIDHAMBARANATHAN R
3.	953619106010	DEEPAK CHAKRAVARTHI P
4.	953619106016	ELAVARASI A
5.	953619106021	GIRITHARAN D
6.	953619106022	GOMATHI NAAYAGAM I S
7.	953619106032	KAMALESH S
8.	953619106302	KUMARAGURUPARAN A
9.	953619106041	MAHENDRA PRAKASH R
10.	953619106042	MANJULA G
11.	953619106044	MARIKRISHNAUTHAMI S
12.	953619106046	MONIKA R
13.	953619106051	PADMA PRIYA C
14.	953619106053	PRAKATHI S
15.	953619106054	PRIYADHARSHINI R
16.	953619106057	SABRIYAH M
17.	953619106058	SAI VISHNU L
18.	953619106059	SAKTHI ABIRAMI N
19.	953619106061	SANGHAVI G
20.	953619106062	SANTHOSH I
21.	953619106064	SEETHA DEVI M
22.	953619106066	SHARON TRESHA A
23.	953619106067	SHRINITHIMEENA M
24.	953619106068	SNEHA P
25.	953619106069	SNEKHA B
26.	953619106071	SUJITHA K
27.	953619106073	SUSHMA A
28.	953619106074	SUSHMITHA K
29.	953619106075	VAISHNAVI M
30.	953619106079	VIJAYASANKARI P
31.	953619106080	VINOTHINI RAJAM R
32.	953619106301	BALAJI S
33.	953619106303	NAVEEN AJAY KUMAR T

3/9/21

Faculty Coordinators

3/9/21

HOD

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Value Added Course Attendance details

Title of the Programme : IVA085 & Design and Analysis of MOS Circuits

Date and Venue : 5.9.21, 11.9.21, 12.9.21, 18.9.21, 19.9.21, 26.9.21, 2.10.21, 3.10.21, 17.10.21, 19.10.21, 23.10.21, 24.10.21 31.10.21 , 3.11.21, 5.11.21, 13.11.21, 14.11.21, 21.11.21

Class for whom it was conducted : V Semester B.E. ECE - A & B

Name, Designation and Address of the Resource Person / Speaker : 1. Mr. Shiva Raja, Senior Architect at Cadence Design Systems, United States
2. Mr.Br.Shashank, Product Development Engineer at Intel Corporation, Bangalore
3. Dr. A. Azhagujaisudhan Pazhani, Assistant Professor(S.G.)/Ramco Institute of Technology
4. Mr. S. Vijayakumar, Assistant Professor/Ramco Institute of Technology
5. Mr. D. Gopinath, Assistant Professor/Ramco Institute of Technology.
6. Mr. P. Venketesh, Assistant Professor/Ramco Institute of Technology

Details of Participants:

Sl. No.	Name of the Participant	Signature of Participants																
		5.9.21	11.9.21	12.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	13.11.21	14.11.21	21.11.21
1.	ARAVIND M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	CHIDHAM BARANATHAN R	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
3.	DEEPAK CHAKRAVARTHI P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	ELAVARASI A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	GIRITHARAN D	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	GOMATHI NAAYAGAM I S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	KAMALESH S	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P

Sl. No.	Name of the Participant	Signature of Participants																	
		5.9.21	11.9.21	12.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	13.11.21	14.11.21	21.11.21
8.	KUMARA GURUPARAN A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
9.	MAHENDRA PRAKASH R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	MANJULA G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	MARI KRISHNAUTHAMI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	MONIKA R	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
13.	PADMA PRIYA C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	PRAKATHI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	PRIYADHARSHINI R	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	SABRIYAH M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	SAI VISHNU L	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	SAKTHI ABIRAMI N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	SANGHAVI G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	SANTHOSH I	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
21.	SEETHA DEVI M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	SHARON TRESHA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	SHRINITHIMEENA M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	SNEHA P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	SNEKHA B	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
26.	SUJITHA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sl. No.	Name of the Participant	Signature of Participants																	
		5.9.21	11.9.21	12.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	13.11.21	14.11.21	21.11.21
27.	SUSHMA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	SUSHMITHA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	VAISHNAVI M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	VIJAYASANKARI P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	VINOTHINI RAJAM R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32.	BALAJI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	NAVEEN AJAY KUMAR T	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P

23/11/21

Signature of Faculty Coordinator(s)

23/11/21

HOD/ECE

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering.

Value Added Course Attendance details

Title of the Programme: IVA085 - Design and Analysis of MOS Circuits

Date and Venue: 13.11.2021 & DSP Lab

Class for whom it was conducted: V Semester B.E. ECE - A & B

Name, Designation and Address of the Resource Person / Speaker: Mr. G.Harri ram, (Alumni)
Senior Verification Engineer,
Mobiveil Technology, Bangalore

Details of Participants:

Sl.No.	Name of the Participant	Signature of Participants
1.	ARAVIND M	M. Aravind
2.	CHIDHAMBARANATHAN R	R. Chidhambaranathan.
3.	DEEPAK CHAKRAVARTHI P	FOR P. Deepak Chakravarthi
4.	ELAVARASI A	A. Elavarasi.
5.	GIRITHARAN D	D.
6.	GOMATHI NAAYAGAM I S	I. S. Gomathi Nayagam
7.	KAMALESH S	S. KAMALESH
8.	KUMARAGURUPARAN A	A. kumaraguruparan
9.	MAHENDRA PRAKASH R	R M. Prakash
10.	MANJULA G	Manjula.g
11.	MARIKRISHNAUTHAMI S	S. Marikrishna.
12.	MONIKA R	AB
13.	PADMA PRIYA C	C. Padma
14.	PRAKATHI S	Prakathi
15.	PRIYADHARSHINI R	R. Priyadharshini
16.	SABRIYAH M	M. Sabriyah
17.	SAI VISHNU L	L. Saivishnu
18.	SAKTHI ABIRAMI N	N. Sakthi Abi
19.	SANGHAVI G	G. Sanghavi
20.	SANTHOSH I	I. Santhosh
21.	SEETHA DEVI M	M. Seetha.

22.	SHARON TRESHA A	A. Sharon
23.	SHRINITHIMEENA M	Shrinithi. M
24.	SNEHA P	P. Sneha
25.	SNEKHA B	AB
26.	SUJITHA K	K. Suj
27.	SUSHMA A	A. Sushma
28.	SUSHMITHA K	K. Sushmi
29.	VAISHNAVI M	M. Vaishnavi
30.	VIJAYASANKARI P	P. Sankari
31.	VINOTHINI RAJAM R	R. Vinoj
32.	BALAJI S	S. Balaji
33.	NAVEEN AJAY KUMAR T	AB

13/11/21
Signature of Faculty Coordinator

13/11/21
HOD

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC and ISO 9001:2015 certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

CERTIFICATE OF PARTICIPATION

This to certify that

SEETHA DEVI M

has completed the value added course on IVA085 Design and Analysis of MOS Circuits from 05.09.2021 to 21.11.2021 organized by the Department of Electronics and Communication Engineering in association with IE(I) Students Chapter of Ramco Institute of Technology, Rajapalayam.

Dr.S.Periyanayagi
Convener

Dr.L.Ganesan
Principal

Made for free with Certify'em

RAMCO INSTITUTE OF TECHNOLOGY

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TÜVRheinland CERTIFIED
ISO 9001:2015
ID 9108633093

RIT/ECE /VAC/2021/01

27.07.2021

To

The Director,

Centre for Academic Courses,

Anna University,

Chennai – 600 025.

Sir,

Sub: Requesting approval – Value Added Courses – Syllabus and Schedule – Reg.
Ref: Affiliated Institutions – Guidelines for conducting Value Added Courses – Anna University Regulations 2017.

With reference to the above, we have proposed to offer the following value added courses to our V Semester B.E Electronics and Communication Engineering Students for the academic year 2021 – 2022 (ODD Semester).

Sl. No.	Course Code	Course Name	Credits
1	ECVAC2101	CONNECTED CAR - ELECTRONICS	2
2	ECVAC2102	CMOS ANALOG VLSI DESIGN	2
3	ECVAC2103	EMBEDDED SYSTEMS DESIGN USING ARM LPC2148	2

The syllabus and schedule (contains the details of course handling faculty, sessions of theory and practical, assessment procedure and evaluation team) of the proposed value added courses are formulated based on the guidelines AU – R2017 and enclosed the same for your kind approval.

Hereby, we request your kind approval and consent to offer these value added courses to our V semester students.

Thanking you,

Yours faithfully,

27/7/21

HOD/ECE

27/7/21

Vice Principal

27.7.21

Principal

North Venganallur, Ayyanarkovil Road, Rajapalayam - 626 117.
Virudhunagar District, Tamil Nadu. Tel : 04563 233400
E-mail : rit@ritrjpm.ac.in Web : www.ritrjpm.ac.in

ECVAC 2103 **EMBEDDED SYSTEMS DESIGN USING ARM LPC2148** **L T P C**
1 0 1 2

OBJECTIVES

- To understand the fundamentals of ARM Microcontroller and Embedded C programming.
- To familiarise IO/peripherals interface to ARM based Microcontroller using Keil IDE.
- To involve Discussions/ Practice/Exercise to familiarize the concepts for improved employability skills.

Unit I Embedded Systems and Software Development Tools **4**

Introduction to Embedded Systems-Structural units in Embedded processor, selection of processor & memory devices for Embedded applications, introduction to SW development tools, Software Development environment-IDE, assembler, compiler, linker, simulator, debugger, In-circuit emulator.

Unit II ARM Processors **5**

Introduction to ARM processors and its versions, ARM7, ARM9 & ARM11 features, advantages & suitability in embedded application, registers, CPSR, SPSR, ARM and RISC Architecture , ARM7 data flow model, programmers model, modes of operations.

Unit III ARM7 Based Microcontroller **4**

ARM7 Based Microcontroller LPC2148: Features, Architecture (Block Diagram and Its Description), System Control Block (PLL and VPB divider), Memory Map, GPIO, Pin Connect Block, timer, Instruction set, Programming ARM7 Microcontroller using Embedded C.

Unit IV Real World Interfacing with ARM7 Based Microcontroller-1 **6**

Interrupt structure of LPC2148, Interfacing with LED, LCD, KEYPAD, simple LPC2148 GPIO Programming examples using timers of LPC2148 to generate delay, serial communication programming, programming for UART.

Unit V Real World Interfacing with ARM7 Based Microcontroller-2 **5**

Interfacing EEPROM using I2C, SDCARD using SPI and on-chip DAC for waveform generation, PWM Generation using GPIO, Sample Case study of an embedded application using Multi pin configuration.

List of Experiments: **6**

Write an Embedded C program

1. To interface Keypad and LCD.
2. To display output for given analog input using internal ADC. (Use of Analog Sensors like Ultrasonic Sensor, Temperature, Humidity, Soil Moisture Sensor, PIR sensor).
3. To interface relay to control the AC Appliances.
4. To interface DC Motors, Stepper Motor, and Servo Motor rotate clockwise, anticlockwise and in angle (45°, 90°, 180°).
5. To build I2C and SPI communication between two microcontrollers.
6. To implement a Real-Time Clock.

TOTAL: 30 Periods

OUTCOMES:

After completion of the course, it is expected that the students will be able to,

- Describe the architectural features and instructions of 32 bit ARM microcontroller.
- Analyze the basic hardware components and their selection method based on the characteristics and attributes of an Embedded System.
- Identify various Sensors, Actuators & Interfacing Modules.

Assessment Method (Weightage 100%)					
In-semester	**Assessment Tool**	**Design/Modeling/ Assembly/Connection**	**Report Generation**	**MCQ/QUIZ /Viva Voce**	**Total**
	Weightage	60 %	20 %	20 %	100 %

TEXT BOOKS:

1. Embedded Systems: A Contemporary Design Tool- James K. Peckol ISBN: 978-0-471-72180-2 October 2007, ©2008.
2. ARM System Developer's guide –Andrew N. SLOSS, ELSEVIER Publications, ISBN 978-81-8147-646-3, 2016.

REFERENCE:

1. Programming Embedded Systems in C and C++, First Edition January, Michael Barr, O' Reilly Introduction to embedded systems, Shibu K V Tata McGraw-Hill, 2009
2. ARM System-on-chip Architecture by Steve Furber, Pearson Education, ISBN978-81-317-0840-8, 2E, 2012.
3. Web reference: www.arm.com
4. LPC2148 user Manual.
5. ARM Programming Techniques – from ARM website.

27/07/21
Course Designer & Coordinator

27/7/21
HoD/ECE

27/7/21
Vice – Principal

27/7/21
Principal

RAMCO INSITIUTE OF TECHNOLOGY, RAJAPALAYAM
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VALUE ADDED COURSE DETAILS

Title of the Course: Embedded Systems Design Using ARM LPC2148
Year/Branch/Semester: III/ ECE/V

Course Handling Faculty:
I-Industry Experts:
1. Mr.S.Mohamed Safiyur Rahman, ES-Active Safety (RBEI/ESC), Robert Bosch GmbH, Germany.

II-Internal Faculty Members:
1. Mr. B.Kannan, Assistant Professor(S.G.)/Ramco Institute of Technology
2. Mr. R.Deiva Nayagam, Assistant Professor/Ramco Institute of Technology
3. Mr. G.Sivakumar, Assistant Professor/Ramco Institute of Technology
4. Mr. A.Rameshbabu, Assistant Professor/Ramco Institute of Technology

Session	Date/Day	Theory/Practical	Topics Covered
I	21.08.2021 (Saturday)	Theory (3 Periods)	Introduction to Embedded Systems –Structural units in Embedded Processor, Selection of Processor & Memory Devices for Embedded Applications
II	28.08.2021 (Saturday)	Theory (3 Periods)	Introduction to SW Development Tools, Software Development Environment-IDE, Assembler, Compiler, Linker, Simulator, Debugger, In-circuit Emulator
III	04.09.2021 (Saturday)	Theory (3 Periods)	Introduction to ARM processors and its versions, ARM7, ARM9 & ARM11 features, advantages & suitability in embedded application
IV	11.09.2021 (Saturday)	Theory (3 Periods)	Registers, CPSR, SPSR, ARM and RISC Architecture ARM7 Data Flow Model, Programmer's Model, Modes of Operations.
V	18.09.2021 (Saturday)	Theory (3 Periods)	ARM7 Based Microcontroller LPC2148: Features, Architecture (Block Diagram and Its Description), System Control Block (PLL and VPB Divider)
VI	25.09.2021 (Saturday)	Theory (3 Periods)	Memory Map, GPIO, Pin Connect Block, Timer, Instruction Set, Programming ARM7 Microcontroller using Embedded C, Interrupt Structure of LPC2148

Session	Date/Day	Theory/Practical	Topics Covered
VII	02.10.2021 (Saturday)	Practical (3 Periods)	Interfacing with LED, LCD, Keypad, Simple LPC2148 GPIO Programming examples using Timers of LPC2148 to Generate Delay, Serial Communication Programming, Programming for UART
VIII	03.10.2021 (Sunday)	Theory (3 Periods)	EEPROM using I2C, SDCARD using SPI, on-chip DAC for Waveform Generation, PWM Generation using GPIO,
IX	09.10.2021 (Saturday)	Practical (3 Periods)	Sample Case Study of an Embedded Application using Multi Pin Configuration.
X	10.10.2021 (Sunday)	Practical (3 Periods)	Design of Washing Machine Controller
Assessment (I)	16.10.2021 (Saturday)	The students are asked to Write an Embedded C program to interface Keypad and LCD	
XI	17.10.2021 (Sunday)	Practical (3 Periods)	Write an Embedded C Program to Build I2C and SPI Communication Between Two Microcontrollers
XII	23.10.2021 (Saturday)	Practical (3 Periods)	Write an Embedded C Program to Interface DC Motors, Stepper Motor, and Servo Motor Rotate Clockwise, Anticlockwise and in Angle (45°, 90°, 180°).
XIII	24.10.2021 (Sunday)	Practical (3 Periods)	Write an Embedded C Program to Implement a Real-Time Clock
Assessment (II)	30.10.2021 (Saturday)	The students are asked to write an Embedded C program to interface relay to control the AC Appliances.	

Note: The assessment for the above course will be conducted by considering all the criteria of rubrics method and will be assessed by evaluation committee constituted by the Head of the department.

27/07/21 — **Course Designer & Coordinator**

27/7/21 — **HoD/ECE**

27/7/21 — **Vice – Principal**

27.7.21 — **Principal**

Evaluation Team Members:

1. Head of the Department
2. One senior faculty Member Handling the course
3. One senior faculty Member Nominated by Head of the Institution

Off: 22357077 / 73
22357074
Fax / Dir: 22352272

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY
CHENNAI – 600 025

RAMCO INSTITUTE OF TECHNOLOGY ★ RAJAPALAYAM - 626 117 ★
23 AUG 2021

DIRECTOR ACADEMIC COURSES ANNA UNIVERSITY CHENNAI-600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR

Letter No.2723/AU/VA/CAC/FICE/2021 .08.2021

To

The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC - Affiliated Institutions - Value Added Courses - Reg.
Ref : (i) Letter No. RIT/ECE/VAC/2021/01, date:27.07.2021.
(ii) Mail received from the HOD, Ramco Institute of Technology, date:17.08.21.

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With references to the letter cited, the following Value Added Courses offered by Ramco Institute of Technology, Affiliated Institutions is allotted the course code as detailed below.

Sl. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA083	Connected Car-Electronics	1	0	2	2
2.	IVA084	Embedded Systems Design Using ARM LPC2148	1	0	2	2
3.	IVA085	Design and Analysis of MOS Circuits	1	0	2	2

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

Yours faithfully,

18.08.2021

DIRECTOR

Copy to:

1. The Principal, Ramco Institute of Technology, Rajapalayam – 626 117, Virudhunagar District.
2. The Chairperson, Faculty of Information and Communication Engineering, A.U., Chennai -25.
3. The Stock File.

AL

RAMCO INSTITUTE OF TECHNOLOGY

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Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Value Added Course 2021-22 (Odd Semester)

11.11.2021

Submitted to the Principal,

Respected Sir,

Sub: Requesting permission to conduct session with External Expert from Industry for handling Anna University Value Added Courses– reg.

We are conducting the following Anna University Value added course for III year ECE students during 2021-22 odd semester. Few session were planned with External Experts from Industry as given below.

Kindly we request your permission to invite the Resource persons for conducting the session and accord your approval for providing Honorarium from RIT account.

Sl. No.	Date	Year/ Sem	Name of the Course	Resource Person	No. of Students	Total Amount (in Rs.)
1	13.11.2021	III/V	Embedded Systems Design Using ARM LPC2148	Mr. Mohamed Safiyur Rahman Technical Specialist, Robert Bosch engineering and Business Solutions, Coimbatore	30	3,000.00
2	13.11.2021	III/V	Connected Car-Electronics	Dr. Vimalathithan R, Director, Krishtech, Coimbatore	19	3,000.00
3	13.11.2021	III/V	Design and Analysis of MOS Circuits	Mr. G.Harri ram, (Alumni) Senior Verification Engineer, Mobiveil Technology, Bangalore	33	-
					Total Amount	**6,000.00**
					Rupees Six Thousand only	

- Mr. G.Harri ram, 2013- 2017 Batch Alumni will be handling the session with free of cost for the course "Design and Analysis of MOS Circuits"

Head of Accounts: Academics/ECE/Co - Curricular Activities

11/11/2021
Value Added Course Incharge

11/11/21
HOD

12/11/21
DGM(A)

12/11/21
Vice Principal

12/11/21
Principal

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
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NBA Accredited UG Programs: CSE, EEE, ECE and MECH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Value Added Course 2021-22 (Odd Semester)

Date: 13.11.2021

Submitted to the Principal
Respected Sir,

We have conducted a following Anna University Value added Course with External Experts for Third year ECE students on 13.11.2021. The following are the expenses involved in conducting the course.

Sl. No.	Name of the Item	Name of the Course	Resource Person	Total Amount (in Rs.)
1	Honorarium to Resource Person	Embedded Systems Design Using ARM LPC2148	Mr. Mohamed Safiyur Rahman Technical Specialist, Robert Bosch engineering and Business Solutions, Coimbatore **Account Details:** Name: MOHAMED SAFIYUR RAHMAN S Account Number: 615201524706 IFSC Code: ICIC0006152 Bank: ICICI	3,000.00
2		Connected Car-Electronics	Dr. Vimalathithan R, Director, Krishtech, Coimbatore **Account Details:** Name: VIMALATHITHAN R Account Number: 007901-0000-24080 IFSC Code: IOBA0000079 Bank: IOB	3,000.00
			Total Amount	**6,000.00**
			Rupees Six Thousand only	

The above said session was conducted as per schedule and feedbacks were collected from the students. Based upon the feedback, the students felt well satisfied about the course content and content delivery. Hence payment may kindly be released. Herewith the Permission approval is enclosed.

Head of Accounts: Academics/ECE/Co- Curricular Activities

13/11/21
Value Added Course Incharge

13/11/21
HOD/ECE

19/11/21
DGM(A)

20/11
Accountant

22/11/21
Vice Principal

22/11/21
Principal

RAMCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2021-22(Odd Semester)

STUDENTS NAMELIST FOR VALUE ADDED COURSE

IVA084 – Embedded Systems Design Using ARM LPC2148

Semester and Branch: V Semester B.E. Electronics and Communication Engineering – A & B

Sl.No	Register Number	Name of the Student
1.	953619106002	ABIRAMI V
2.	953619106003	AKILANDESWARI K
3.	953619106007	ARUMUGA VISWANATH P
4.	953619106008	ASIBA MINA K R
5.	953619106013	DHARSHINI P
6.	953619106014	DIVYA SHREE R
7.	953619106017	GAAYATRI V S
8.	953619106018	GANESH G
9.	953619106019	GANESHAMOORTHY I
10.	953619106020	GAYATHRI K
11.	953619106023	HARIHARAN S
12.	953619106024	HARINI U
13.	953619106025	INDHUMATHI C
14.	953619106027	JAYA MAHIMA M
15.	953619106030	KALIDAS P
16.	953619106031	KALIMUTHU K
17.	953619106034	KAVIYA S
18.	953619106037	KESAVANAND M
19.	953619106038	KESHAVA MUGESH KUMAR C M
20.	953619106043	MANOJKUMAR R
21.	953619106045	MARIMUTHU B
22.	953619106047	MUGESH M
23.	953619106049	NAVEEN KUMAR S
24.	953619106050	NHIDHEES LAKSH KUMAR
25.	953619106055	RAJESHWARAN R
26.	953619106063	SARAVANAKUMAR S
27.	953619106070	SUBHASH S
28.	953619106076	VEERAMANIMARAN P
29.	953619106077	VIJAYALAXMANASEN A
30.	953619106078	VIJAYARAMMSEN A

3/9/21

Faculty Coordinators

3/9/21

HOD

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC and ISO 9001:2015 Certified Institution

Department of Electronics and Communication Engineering
(Accredited by NBA)
Academic Year: 2021-2022 (Odd Semester)
Value Added Course Attendance Details

Degree, Semester & Branch: V Semester B.E. ECE A & B
Course Code & Title: IVA084 – Embedded Systems Design Using ARM LPC2148
Course Handling Faculty:
I-Industry Experts:

1. Mr.S.Mohamed Safiyur Rahman, ES-Active Safety (RBEI/ESC), Robert Bosch GmbH, Germany.

II-Internal Faculty Members:

1. Mr. B.Kannan, Assistant Professor(S.G.)/Ramco Institute of Technology
2. Mr. R.Deiva Nayagam, Assistant Professor/Ramco Institute of Technology
3. Mr. G.Sivakumar, Assistant Professor/Ramco Institute of Technology
4. Mr. A.Rameshbabu, Assistant Professor/Ramco Institute of Technology

Details of Participants:

Sl. No.	Name of the Participant	Attendance of Participants																
		5.9.21	11.9.21	12.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	13.11.21	14.11.21	21.11.21
1.	ABIRAMI V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	AKILANDESWARI K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	ARUMUGA VISWANATH P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
4.	ASIBA MINA K R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	DHARSHINI P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	DIVYA SHREE R	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sl. No.	Name of the Participant	Attendance of Participants																	
		5.9.21	11.9.21	12.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	13.11.21	14.11.21	21.11.21
7.	GAAYATRI V S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	GANESH G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	GANESHAMOORTHY I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	GAYATHRI K	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
11.	HARIHARAN S	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	HARINI U	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	INDHUMATHI C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	JAYA MAHIMA M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	KALIDAS P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	KALIMUTHU K	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
17.	KAVIYA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	KESAVANAND M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	KESHAVA MUGESH KUMAR C M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	MANOJKUMAR R	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	MARIMUTHU B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	MUGESH M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
23.	NAVEEN KUMAR S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	NHIDHEES LAKSH KUMAR	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
25.	RAJESHWARAN R	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
26.	SARAVANAKUMAR S	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P

Sl. No.	Name of the Participant	Attendance of Participants																	
		5.9.21	11.9.21	12.9.21	18.9.21	19.9.21	26.9.21	2.10.21	3.10.21	17.10.21	19.10.21	23.10.21	24.10.21	31.10.21	3.11.21	5.11.21	13.11.21	14.11.21	21.11.21
27.	SUBHASH S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	VEERAMANIMARAN P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
29.	VIJAYALAXMANASEN A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
30.	VIJAYARAMMSEN A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P

25/11/2021
Signature of Faculty Coordinator(s)

25/11/21
HOD/ECE

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering.

Value Added Course Attendance details

Title of the Programme: IVA084 Embedded Systems Design Using ARM LPC2148

Date and Venue: 13.11.2021 & DSP Lab

Class for whom it was conducted: V Semester B.E. ECE - A & B

Name, Designation and Address of the Resource Person / Speaker: Mr. Mohamed Safiyur Rahman
Technical Specialist,
Robert Bosch engineering and Business Solutions, Coimbatore

Details of Participants:

Sl.No.	Name of the Participant	Signature of Participants
1.	ABIRAMI V	V. Abi
2.	AKILANDESWARI K	K. Akilandeswari
3.	ARUMUGA VISWANATH P	P. Arumuga Viswanath
4.	ASIBA MINA K R	K. R. Asiba Mina
5.	DHARSHINI P	Dharshini P.
6.	DIVYA SHREE R	
7.	GAAYATRI V S	AB
8.	GANESH G	G. Ganesh
9.	GANESHAMOORTHY I	I. Ganeshamoorthy
10.	GAYATHRI K	Gayathri
11.	HARIHARAN S	S Hari
12.	HARINI U	U. Harini
13.	INDHUMATHI C	Indhumathi
14.	JAYA MAHIMA M	M. Jaya.
15.	KALIDAS P	P. Kali
16.	KALIMUTHU K	K. Kalimuthu.
17.	KAVIYA S	S. Kaviya
18.	KESAVANAND M	M. Kesavanand
19.	KESHAVA MUGESH KUMAR C M	C. M. Keshavan.
20.	MANOJKUMAR R	R. Manojkumar.
21.	MARIMUTHU B	B. Marimuthu.
22.	MUGESH M	M. Mugesh

23.	NAVEEN KUMAR S	
24.	NHIDHEES LAKSH KUMAR K.B	
25.	RAJESHWARAN R	
26.	SARAVANAKUMAR S	
27.	SUBHASH S	
28.	VEERAMANIMARAN P	
29.	VIJAYALAXMANASEN A	
30.	VIJAYARAMMSEN A	

13/11/2021

Signature of Faculty Coordinator

13/11/21

HOD

RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC and ISO 9001:2015 certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

CERTIFICATE OF PARTICIPATION

This to certify that

MARI MUTHU B

has completed the value added course on IVA084 Embedded Systems Design Using ARM LPC2148 from 05.09.2021 to 21.11.2021 organized by the Department of Electronics and Communication Engineering in association with IETE Student Forum of Ramco Institute of Technology, Rajapalayam.

Dr.S.Periyanayagi
Convener

Dr.L.Ganesan
Principal

Made for free with Certify'em

TRAININDIA

PRIMESC

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

SEETHADEVI M

in formal recognition of the completion of
Basics of Managing Money - An Orientation 4 Hours Online Course

P. Venkatesh Athreya

Venkatesh Athreya
Director

Certificate Number : TI-MM-3349
Issued Date : 05th August 2021

TRAININDIA

PRIMESC

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

DHAMEENA ISMAIL S

in formal recognition of the completion of
Basics of Managing Money - An Orientation 4 Hours Online Course

P. Venkatesh Athreya

Venkatesh Athreya
Director

Certificate Number : TI-MM-6643
Issued Date : 11th August 2021

IMARTICUS
LEARNING

Certificate of Completion

Awarded to

VAISHNAVI M

On successful completion based on the curriculum as prescribed by the Institute for

C Programming Online Certification Course

N·S·D·C National Skill Development Corporation
Transforming the skill landscape

Skill India
कौशल भारत-कुशल भारत

Nikhil Bharsikar
Director

IMARTICUS LEARNING

Certificate of Completion

Awarded to

SEETHADEVI M

On successful completion based on the curriculum as prescribed by the Institute for

C Programming Online Certification Course

N·S·D·C National Skill Development Corporation
Transforming the skill landscape

Skill India
कौशल भारत-कुशल भारत

Nikhil Bharsikar
Director

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

DHAMEENA ISMAIL S

Student

ICT Academy

Academy Name

India

Location

18 Aug 2021

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

CERTIFICATE OF COMPLETION

Presented to

Monica

For successfully completing a free online course

Data Structures in C

Provided by

Great Learning Academy

(On February 2022)

To verify this certificate visit verify.mygreatlearning.com/IXLFHCAI

MathWorks® | *Training Services*

Course Completion Certificate

ANUSUYA R

has successfully completed **100%** of the self-paced training course

Deep Learning Onramp



DIRECTOR, TRAINING SERVICES

16 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Monica S

has successfully completed **97%** of the self-paced training course

Deep Learning Onramp

DIRECTOR, TRAINING SERVICES

21 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

AARTHI K

has successfully completed **100%** of the self-paced training course

Deep Learning Onramp

DIRECTOR, TRAINING SERVICES

18 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

ANITHA RAM R

has successfully completed **97%** of the self-paced training course

Deep Learning Onramp

DIRECTOR, TRAINING SERVICES

19 February 2022

SkillUP
by Simplilearn

Declaration of Completion

BALAJI S

has successfully completed the online course:

DevOps Certification Training

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

19th Mar 2022

Certificate code : 3326247

Krishna Kumar
CEO

Celonis Process Mining Certificate

We hereby confirm that

SAI VISHNU L

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-21

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

Celonis Process Mining Certificate

We hereby confirm that

SHRINITHIMEENA M

has successfully completed the

Fundamentals for Students Training

Recipients of this Certification have been acknowledged by Celonis to be proficient in the following:

- Understand Process Mining fundamentals from a theoretical and applied standpoint
- Understand and apply analyst skills in Celonis
- Import data and use Celonis Academic to analyze process data and identify friction points
- Transfer analytical insights into business value. Know a variety of process mining application fields

Date of Completion: 2021-08-21

J. Geyer-Klingeberg

Jerome Geyer-Klingeberg
Head of Celonis
Academic Alliance

D. Jeggle

David Jeggle
Head of Celonis
Academy

JOHNS HOPKINS
UNIVERSITY

COURSE CERTIFICATE

07/09/2020

KESAVANAND M

has successfully completed

HTML, CSS, and Javascript for Web Developers

an online non-credit course authorized by Johns Hopkins University and offered through Coursera



Yaakov C.

Yaakov Chaikin
Adjunct Professor, Graduate Computer Science
Whiting School of Engineering
Johns Hopkins University

Verify at coursera.org/verify/GDFG6YHVYKPH

Coursera has confirmed the identity of this individual and their participation in the course.

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

CERTIFICATE

sololearn

Issued 06 August, 2021

This is to certify that

SEETHADEVI

has successfully completed the

HTML course



Yeva Hyusyan
Chief Executive Officer

Certificate #1014-21747830

MathWorks® | *Training Services*

Course Completion Certificate

Hariprasad Naganandeeswaran

has successfully completed **100%** of the self-paced training course

Image Processing Onramp



DIRECTOR, TRAINING SERVICES

14 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

HARISH R

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

15 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

SHRINITHI R

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

15 March 2022

MathWorks | Training Services

Course Completion Certificate

Aparna K

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

14 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

DHAMEENA ISMAIL S

has successfully completed **96%** of the self-paced training course

Image Processing Onramp



DIRECTOR, TRAINING SERVICES

20 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

DHAMEENA ISMAIL S

has successfully completed **96%** of the self-paced training course

Image Processing Onramp



DIRECTOR, TRAINING SERVICES

20 August 2021

MathWorks® | Training Services

Course Completion Certificate

SAI VISHNU L

has successfully completed **100%** of the self-paced training course

Image Processing Onramp



DIRECTOR, TRAINING SERVICES

15 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Abhinaya M

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

20 February 2022

MathWorks® | Training Services

Course Completion Certificate

Bharathi Lakshmi A

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

20 February 2022

MathWorks® | *Training Services*

Progress Report

Name: DHAMEENA ISMAIL S

Course: Image Processing Onramp

Progress: **96%** complete (as of 20 August 2021)

Chapters

1. Introduction **100%**
2. Working with Images in MATLAB **100%**
3. Segmenting an Image **100%**
4. Pre- and Postprocessing Techniques **100%**
5. Classification and Batch Processing **83%**
6. Conclusion **100%**

Release: R2021a | Language: English

MathWorks® | *Training Services*

Course Completion Certificate

DILIPKUMAR A

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

18 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

HARINIDURGA I

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

23 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

SHRINITHIMEENA M

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

10 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

SHRINITHIMEENA M

has successfully completed **100%** of the self-paced training course

Image Processing Onramp

DIRECTOR, TRAINING SERVICES

10 August 2021

CERTIFICATE OF COMPLETION

Presented to

Raja Lakshmi L

For successfully completing a free online course

Introduction to Ethical Hacking

Provided by

Great Learning Academy

(On February 2022)

To verify this certificate visit verify.mygreatlearning.com/HGABOSNE

CERTIFICATE OF COMPLETION

Presented to

Yuvaraaj N

For successfully completing a free online course

Introduction to Ethical Hacking

Provided by

Great Learning Academy

(On March 2022)

To verify this certificate visit verify.mygreatlearning.com/FTCMJHCQ

CERTIFICATE OF COMPLETION

Presented to

Monica

For successfully completing a free online course

Introduction to Ethical Hacking

Provided by

Great Learning Academy

(On February 2022)

To verify this certificate visit verify.mygreatlearning.com/BJJWYMZT

CERTIFICATE OF COMPLETION

Presented to

Monica

For successfully completing a free online course

Introduction to R

Provided by

Great Learning Academy

(On February 2022)

To verify this certificate visit verify.mygreatlearning.com/JOQMIWVN

MathWorks® | *Training Services*

Course Completion Certificate

Manoj Prabhakaran

has successfully completed **100%** of the self-paced training course

Introduction to Symbolic Math with MATLAB



DIRECTOR, TRAINING SERVICES

22 February 2022

UCI University of California, Irvine

COURSE CERTIFICATE

Jan 15, 2022

SHAKTHI SREE MA

has successfully completed

Introduction to the Internet of Things and Embedded Systems

an online non-credit course authorized by University of California, Irvine and offered through Coursera

Ian Harris
Professor
Department of Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at coursera.org/verify/JNJAA4N9GS8A

Coursera has confirmed the identity of this individual and their participation in the course.

UCI University of California, Irvine

COURSE CERTIFICATE

Mar 30, 2022

R DIWYA DHARSHINI

has successfully completed

Introduction to the Internet of Things and Embedded Systems

an online non-credit course authorized by University of California, Irvine and offered through Coursera

Ian Harris
Professor
Department of Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at:
https://coursera.org/verify/XCPGQZZAPAHB

Coursera has confirmed the identity of this individual and their participation in the course.

MathWorks® | *Training Services*

Course Completion Certificate

Monica S

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp



DIRECTOR, TRAINING SERVICES

16 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

nirmala l

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

16 August 2021

MathWorks® | *Training Services*

Progress Report

Name: VENKATRAMANAN M

Course: Machine Learning Onramp

Progress: **100%** complete (as of 23 March 2022)

Chapters

1. Overview of Machine Learning **100%**
2. Classification Workflow **100%**
3. Importing and Preprocessing Data **100%**
4. Engineering Features **100%**
5. Classification Models **100%**
6. Conclusion **100%**

Release: R2021b | Language: English

MathWorks | Training Services

Course Completion Certificate

SUSHMA A

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

10 August 2021

Scanned with CamScanner

MathWorks® | *Training Services*

Course Completion Certificate

SAI VISHNU L

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

30 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Sakthi Abirami N

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp



DIRECTOR, TRAINING SERVICES

06 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

SNEHA P

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

07 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

KIRUTHIKA P

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

24 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

SHRINITHIMEENA M

has successfully completed **100%** of the self-paced training course

Machine Learning with MATLAB

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

SHRINITHIMEENA M

has successfully completed **100%** of the self-paced training course

Machine Learning with MATLAB

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

SAI VISHNU L

has successfully completed **100%** of the self-paced training course

Machine Learning with MATLAB

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Kalidas P

has successfully completed **100%** of the self-paced training course

MATLAB for Data Processing and Visualization

DIRECTOR, TRAINING SERVICES

18 September 2021

MathWorks® | *Training Services*

Course Completion Certificate

VIJAYASANKARI P

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

ABINAYA S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

30 July 2021

MathWorks | Training Services

Course Completion Certificate

ABIRAMI V

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

A.S. AMUDHADEVI

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

ASIBA MINA K.R.

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 July 2021

MathWorks | Training Services

Course Completion Certificate

S balaji

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

31 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Dharini A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

30 July 2021

MathWorks | Training Services

Course Completion Certificate

Dharshini K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

DIWYA DHARSHINI R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks | Training Services

Progress Report

Name: Harini U
Course: MATLAB Onramp
Progress: **100%** complete (as of 02 August 2021)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Review Problems **100%**
11. Importing Data **100%**
12. Logical Arrays **100%**
13. Programming **100%**
14. Final Project **100%**
15. Conclusion **100%**

Release: R2021a | Language: English

MathWorks® | *Training Services*

Course Completion Certificate

Ishwarya Ravikumar

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

JISHA PS

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Keerthika B

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

30 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

KESAVANAND M

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

27 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

MAHENDRA PRAKASH

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Marikrishnauthami S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

30 July 2021

MathWorks | Training Services

Progress Report

Name: Prakathi S

Course: MATLAB Onramp

Progress: **100%** complete (as of 30 July 2021)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Review Problems **100%**
11. Importing Data **100%**
12. Logical Arrays **100%**
13. Programming **100%**
14. Final Project **100%**
15. Conclusion **100%**

Release: R2021a | Language: English

MathWorks® | *Training Services*

Course Completion Certificate

PRIYADHARSHINI R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

30 July 2021

Scanned by TapScanner

MathWorks | *Training Services*

Course Completion Certificate

PRIYADHARSHINI R

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

31 July 2021

Scanned by TapScanner

MathWorks | *Training Services*

Course Completion Certificate

Sakthi Abirami N

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Sanjogitha Balakrishnan

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

12 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

DIVYASRI B

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

15 January 2022

MathWorks | Training Services

Course Completion Certificate

Kalidas P

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 July 2021

MathWorks® | *Training Services*

Progress Report

Name: Manjula G

Course: MATLAB Onramp

Progress: **100%** complete (as of 31 July 2021)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Review Problems **100%**
11. Importing Data **100%**
12. Logical Arrays **100%**
13. Programming **100%**
14. Final Project **100%**
15. Conclusion **100%**

Release: R2021a | Language: English

MathWorks | Training Services

Progress Report

Name: Namasivayam T
Course: MATLAB Onramp
Progress: **100%** complete (as of 02 August 2021)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Review Problems **100%**
11. Importing Data **100%**
12. Logical Arrays **100%**
13. Programming **100%**
14. Final Project **100%**
15. Conclusion **100%**

Release: R2021a | Language: English

MathWorks® | *Training Services*

Progress Report

Name: PADMA PRIYA c

Course: MATLAB Onramp

Progress: **100%** complete (as of 01 August 2021)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Review Problems **100%**
11. Importing Data **100%**
12. Logical Arrays **100%**
13. Programming **100%**
14. Final Project **100%**
15. Conclusion **100%**

Release: R2021a | Language: English

MathWorks® | *Training Services*

Course Completion Certificate

Bharathi Lakshmi

has successfully completed **93%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

13 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

HARISH R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

13 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

DILIPKUMAR A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

16 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

KAVIN KUMAR R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

27 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Abhinaya M

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

16 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

GokulPriya G

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

17 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

Haaris I

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

26 April 2022

MathWorks | Training Services

Course Completion Certificate

Akilandeswari K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

27 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

SNEHA P

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

ELAVARASI A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

ANITHA RAM R

has successfully completed **93%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

19 February 2022

MathWorks® | Training Services

Progress Report

Name: ASHOKKUMAR R

Course: MATLAB Onramp

Progress: **100%** complete (as of 23 April 2022)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Importing Data **100%**
11. Logical Arrays **100%**
12. Programming **100%**
13. Final Project **100%**
14. Conclusion **100%**

Release: R2021b | Language: English

MathWorks® | *Training Services*

Course Completion Certificate

Saravanakumar S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

30 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Shanmugavisal S V

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

31 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

SURENDAR V

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

01 August 2021

MathWorks | Training Services

Course Completion Certificate

SUSHMA A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

29 July 2021

Scanned with CamScanner

MathWorks® | *Training Services*

Course Completion Certificate

SUSHMITHA K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

31 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

VIJAYARAMMSEN A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

VINOTHINI RAJAM R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Sabriyah M

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

DIVYA SHREE R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

27 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

SHAKTHI SREE MA

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

10 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

Aparna K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

14 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

SEETHADEVI M

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

29 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

ANUSUYA.G GURUSAMY

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

12 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

SAKTHI PRAKASH ADITHYA B

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

21 March 2022

MathWorks® | Training Services

Progress Report

Name: SANTHOSH R

Course: MATLAB Onramp

Progress: **100%** complete (as of 23 March 2022)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Importing Data **100%**
11. Logical Arrays **100%**
12. Programming **100%**
13. Final Project **100%**
14. Conclusion **100%**

Release: R2021b | Language: English

MathWorks® | Training Services

Progress Report

Name: Santhosh Raj

Course: MATLAB Onramp

Progress: **100%** complete (as of 15 March 2022)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Importing Data **100%**
11. Logical Arrays **100%**
12. Programming **100%**
13. Final Project **100%**
14. Conclusion **100%**

Release: R2021b | Language: English

MathWorks® | *Training Services*

Course Completion Certificate

sarath k

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

25 March 2022

MathWorks | *Training Services*

Course Completion Certificate

Nunagoppula Shambhi reddy

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

17 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Harshethaa Navaneethakrishnan

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

25 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

M. HELANMARY

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

13 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

JEYAGOMATHI S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

Jayasuriya B

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

17 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

JEYARUDHRA B

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

17 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

S.kamalesh kamal

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

17 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

AARTHI S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

13 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

Monica S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

15 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Monisha A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

17 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

S NAVEEN KUMAR

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

31 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

nirmala l

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

11 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Nisha P

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

18 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Nithish Balaji A

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

22 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Hariprasad Naganandeeswaran

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

22 August 2021

MathWorks® | *Training Services*

Course Completion Certificate

Pavithra P

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

18 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Praveenkumar P

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

22 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Hariprasad R

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

17 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

Raajasekar Mohanraj

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

22 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

RAMASURESH M

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

27 February 2022

MathWorks® | *Training Services*

Progress Report

Name: Sai Siddarth R

Course: MATLAB Onramp

Progress: **100%** complete (as of 23 March 2022)

Chapters

1. Course Overview **100%**
2. Commands **100%**
3. MATLAB Desktop and Editor **100%**
4. Vectors and Matrices **100%**
5. Indexing into and Modifying Arrays **100%**
6. Array Calculations **100%**
7. Calling Functions **100%**
8. Obtaining Help **100%**
9. Plotting Data **100%**
10. Importing Data **100%**
11. Logical Arrays **100%**
12. Programming **100%**
13. Final Project **100%**
14. Conclusion **100%**

Release: R2021b | Language: English

MathWorks® | *Training Services*

Course Completion Certificate

Vidhula T

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

25 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

VISHNU T

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

24 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Vishnupriya K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

19 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Yashwanth K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

21 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

DHAMEENA ISMAIL S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

14 January 2022

MathWorks® | *Training Services*

Course Completion Certificate

Shanmugam Siva

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

23 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

Siva Ram

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

15 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

SOPNA S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

23 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

Sreejaa S

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

14 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

Sridhar G

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

23 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

SUKUNA K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

19 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

SUKUNA K

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

19 February 2022



Dear M.Sathis Kannan,

Congratulations on completing the NDG Linux Unhatched course in the Cisco Networking Academy. This letter documents you have successfully completed the NDG Linux Unhatched course, which provides an introduction to the Linux command line. Linux is everywhere! As the reach of Linux continues to grow, knowledge of Linux is a core skill for all IT professionals. By completing this course, you have gained a better understanding of Linux.

If you decide to pursue additional knowledge of Linux consider:

NDG LINUX ESSENTIALS

This course is the perfect next step for beginners looking to expand their skills and knowledge of Linux. This full-semester course can be delivered as instructor-led training or as a self-paced learning experience. The NDG Linux Essentials course is designed to prepare you for the Linux Professional Institute Linux Essentials Professional Development Certificate.

NDG LINUX SERIES

This certification level series offers beginners more rigorous in-depth coverage. The NDG Introduction to Linux I and NDG Introduction to Linux II courses focus on the basic Linux system administration skills needed in preparation for the Linux Professional Institute LPIC-1 certification.

Again, congratulations and we wish you continued success!

Sincerely,
The NDG Team

Date 10 Aug 2021

MathWorks® | *Training Services*

Course Completion Certificate

Bharathi Lakshmi A

has successfully completed **100%** of the self-paced training course

Optimization Onramp

DIRECTOR, TRAINING SERVICES

20 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

Monica S

has successfully completed **100%** of the self-paced training course

Optimization Onramp



DIRECTOR, TRAINING SERVICES

25 February 2022

MathWorks | Training Services

Course Completion Certificate

Aparna K

has successfully completed **100%** of the self-paced training course

Optimization Onramp

DIRECTOR, TRAINING SERVICES

03 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

Abhinaya M

has successfully completed **100%** of the self-paced training course

Optimization Onramp

DIRECTOR, TRAINING SERVICES

28 February 2022

PYTHON INSTITUTE
Open Education & Development Group

OpenEDG Python Institute Authorized Academy Program

OPENEDG

Statement of Achievement

PCAP: Programming Essentials in Python

The graduate of the *PCAP: Programming Essentials in Python* course, provided by **Cisco Networking Academy®** in collaboration with **OpenEDG JavaScript Institute**:

- knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;
- can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;
- can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;
- can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;
- knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;
- understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

Hariprasad N

Student



Maciek Wichary
VP & CEO, OpenEDG

16 Jan 2022

Date

PYTHON INSTITUTE
Open Education & Development Group

PCAP: Programming Essentials in Python

PROGRAM YOUR FUTURE

Statement of Achievement

Presented To:

LINGESH -S

Name

During the Cisco Networking Academy® self-paced course,the student has studied the following Skills:

- the universal concepts of computer programing (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programing and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programing techniques, best practices, customs and vocabulary, including the most common library function in Python 3;

Maciej Wichary
VP.OpenEDG Python Institute

4 Jun 2021

Date

By completing the course, the student is now ready to attempt the qualification PCAP-Certified Associate in Python Programing certification, from the OpenEDG Python Institute.

www.netacad.com|www.pythoninstitute.org

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Jan 14, 2022

DIVYASRI B

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/ULZDTRMTAFGP

Coursera has confirmed the identity of this individual and their participation in the course.

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Jan 12, 2022

DHAMEENA ISMAIL S

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/HACANTNDTYGN

Coursera has confirmed the identity of this individual and their participation in the course.

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Jan 13, 2022

AARTHI S

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/6LE9V4QVLBE7

Coursera has confirmed the identity of this individual and their participation in the course.

CERTIFICATE OF COMPLETION

Presented to

Harish R

For successfully completing a free online course

Programming Fundamentals

Provided by

Great Learning Academy

(On January 2022)

To verify this certificate visit verify.mygreatlearning.com/AJVVRVMX

udemy

Certificate no: UC-82ca43ef-a0b2-41fc-9493-0fe042e8f35b
Certificate url: ude.my/UC-82ca43ef-a0b2-41fc-9493-0fe042e8f35b
Reference Number: 0004

CERTIFICATE OF COMPLETION

Project Development Using JAVA for Beginners - 2021

Instructors **Hemanth kumar**

Jisha P S

Date **July 29, 2021**
Length **45.5 total hours**

udemy

Certificate no: UC-9589efd9-7d38-4178-be65-9621c4639cb0
Certificate url: ude.my/UC-9589efd9-7d38-4178-be65-9621c4639cb0
Reference Number: 0004

CERTIFICATE OF COMPLETION

Public Speaking Skills: Deliver Great Technology Talks

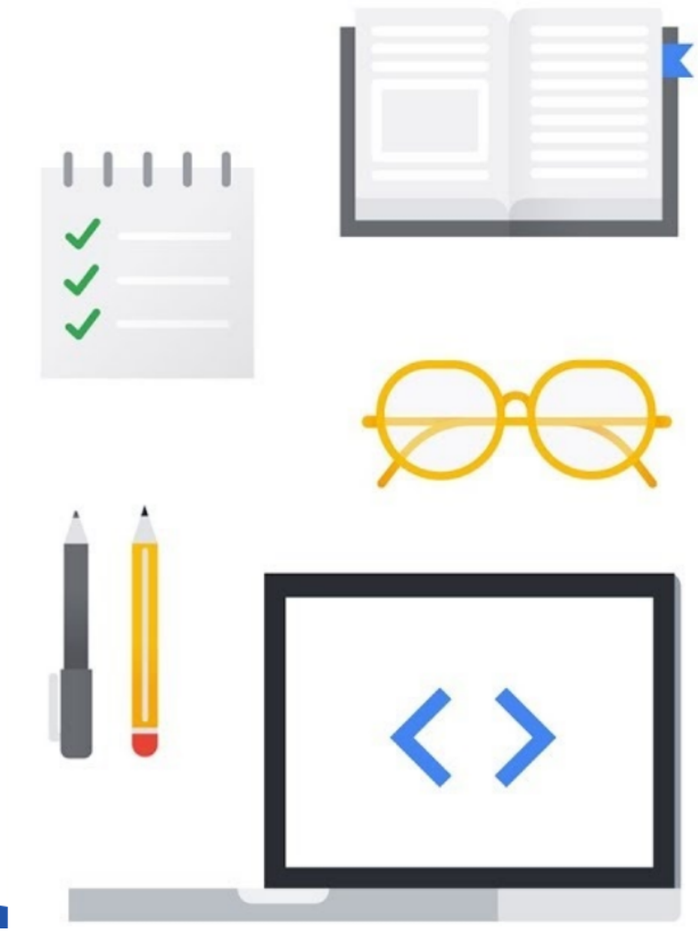
Instructors **TJ Walker**

Jisha P S

Date **Aug. 5, 2021**
Length **1.5 total hours**

CERTIFICATE OF COMPLETION

Developer Student Clubs
Birla Institute of Technology Mesra



WE HEREBY RECOGNIZE

LINGESH S

for successfully completing the 7-day long Bootcamp on "Python & Cyber Security" by ShapeAI in Collaboration with Developer Student Clubs

Scan the QR code to verify

or visit: https://cert.shapeai.tech/verify/2iSzER

SURYANSH SINGH
DSC LEAD, BIT MESRA

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

COURSE CERTIFICATE

Jul 31, 2021

Subhash S

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera



Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

Verify at coursera.org/verify/5F3QBMGR6B7G

Coursera has confirmed the identity of this individual and their participation in the course.

Scanned with CamScanner

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

COURSE CERTIFICATE

Jul 31, 2021

Vijayalaxmanasen A

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera



Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

Verify at coursera.org/verify/PXPNBA8XEPV8

Coursera has confirmed the identity of this individual and their participation in the course.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

COURSE CERTIFICATE

Jul 31, 2021

Veera Mani Maran

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera



Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

Verify at coursera.org/verify/X274T4ZWCLEB

Coursera has confirmed the identity of this individual and their participation in the course.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

COURSE CERTIFICATE

Jul 31, 2021

Veera Mani Maran

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera



Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

Verify at coursera.org/verify/X274T4ZWCLEB

Coursera has confirmed the identity of this individual and their participation in the course.

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Jul 23, 2021

LINGESH S

has successfully completed

Python Basics

an online non-credit course authorized by University of Michigan and offered through Coursera

Paul Resnick
Stephen Oney
Jaclyn Cohen



Verify at coursera.org/verify/KJUXNJPE2RJT

Coursera has confirmed the identity of this individual and their participation in the course.

CERTIFICATE OF COMPLETION

Presented to

Vaishnavi S

For successfully completing a free online course

Python for Machine Learning

Provided by

Great Learning Academy

(On February 2022)

To verify this certificate visit verify.mygreatlearning.com/ZCHMJJKY

APPONIX™ academy
SINCE 2013

Certificate of Achievement

This is to certify that

KALIMUTHU.K

has successfully completed

PYTHON PROGRAMMING FOUNDATION

training program on

JULY 16, 2021

Certificate ID : APXCCPPF211606407

Pradeep NK
MANAGING DIRECTOR

MathWorks® | *Training Services*

Course Completion Certificate

Monica S

has successfully completed **100%** of the self-paced training course

Signal Processing Onramp

DIRECTOR, TRAINING SERVICES

12 March 2022

MathWorks® | *Training Services*

Course Completion Certificate

Manikanda Phrabhu

has successfully completed **100%** of the self-paced training course

Signal Processing Onramp

DIRECTOR, TRAINING SERVICES

18 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

SHAKTHI SREE MA

has successfully completed **100%** of the self-paced training course

Solving Nonlinear Equations with MATLAB

DIRECTOR, TRAINING SERVICES

24 February 2022

MathWorks® | *Training Services*

Course Completion Certificate

KESAVANAND M

has successfully completed **100%** of the self-paced training course

Solving Nonlinear Equations with MATLAB

DIRECTOR, TRAINING SERVICES

28 July 2021

MathWorks® | *Training Services*

Course Completion Certificate

KESAVANAND M

has successfully completed **100%** of the self-paced training course

Solving Nonlinear Equations with MATLAB

DIRECTOR, TRAINING SERVICES

28 July 2021

Skill Rack
where skill is certified

Certificate of Completion

This is to certify that

ABINAYA S

has successfully completed

SQL - Basics (Standard)

on

15-Apr-2021

Verification URL:

www.SkillRack.com/cert/186516/NIH

Skill Rack
where skill is certified

Certificate of Completion

This is to certify that

MUGESH M

has successfully completed

SQL - Basics (Standard)

on

18-Apr-2021

Verification URL: www.skillrack.com/cert/187097/FWV

YONSEI UNIVERSITY

COURSE CERTIFICATE

Aug 16, 2020

Mugesh M

has successfully completed

Wireless Communications for Everybody

an online non-credit course authorized by Yonsei University and offered through Coursera

Kwang-Soon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim
School of Electrical & Electronic Engineering & Integrated Technology
Yonsei University

Verify at coursera.org/verify/5BARNMA9G9W5

Coursera has confirmed the identity of this individual and their participation in the course.

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



This is to certify that

MUGESH M

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.



Joseph Santarcangelo

Data Scientist

IBM

UNIVERSITY OF MICHIGAN

07/25/2020

Mugesh M

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at coursera.org/verify/CBH67XQA83LX

Coursera has confirmed the identity of this individual and their participation in the course.

YONSEI UNIVERSITY

Aug 16, 2020

Mugesh M

has successfully completed

Wireless Communications for Everybody

an online non-credit course authorized by Yonsei University and offered through Coursera

Kwang-Soon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim
School of Electrical & Electronic Engineering & Integrated Technology
Yonsei University

COURSE CERTIFICATE

EDUCATION FOR EVERYONE
coursera
COURSE CERTIFICATE

Verify at coursera.org/verify/5BARNMA9G9W5

Coursera has confirmed the identity of this individual and their participation in the course.

Skill Rack
where skill is certified

Certificate of Completion

This is to certify that

AKILANDESWARI K

has successfully completed

SQL - Basics (Standard)

on

15-Apr-2021

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