



**SRK INSTITUTE OF TECHNOLOGY**  
Enikepadu, Vijayawada 521108  
Approved by AICTE, Affiliated to JNTUK, Kakinada  
(ISO 9001:2015 Certified Institution)

Date: 27-11-2020

**CIRCULAR**

The following Faculty members are informed to attend the meeting at Mechanical Engineering Department office on 30-11-2020 at 2:00 PM to discuss and frame curriculum and Day wise schedule for the Add-on certificate program on "Skill-set for Modern Mechanical Engineering Design"

S.No	Faculty Name	Designation	Signature
1	Mr. A Stanly Kumar	Assistant Professor & HOD	
2	Dr. P KishoreKumar	Associate Professor	
3	Dr. R Jaganathan	Professor	
4	Mr. V Bala Chinnalingam	Assistant Professor	

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Date: 01-12-2020

**CIRCULAR**

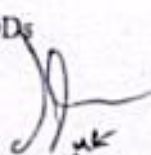
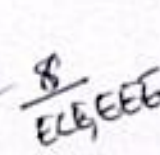
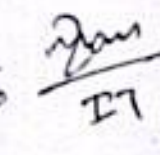
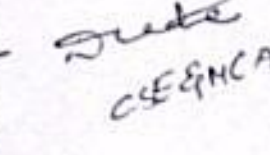
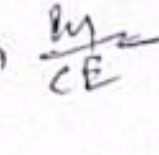
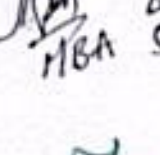
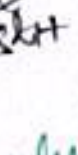
All the III/IV B.Tech I Semester Students are here by informed that Department of Mechanical, Engineering is conducting an Add-on Certificate Program titled "Skill-set for Modern Mechanical Engineering Design." The resource persons are Dr. P KishoreKumar, Associate Professor, Department of Mechanical Engineering, SRKIT and Mr. V Bala Chinnalingam, Assistant Professor, Department of Mechanical Engineering, SRKIT. The program will commence on 14/12/2020 and will conclude on 19/12/2020. The details of the program are displayed in the notice board. Interested students can meet Mr. P Tarun Naga Venkatesh, Assistant Professor, Department of Mechanical Engineering, and enroll their names on or before 11/12/2020

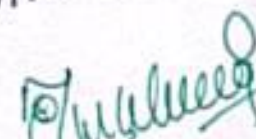
Venue: Dassault Systems Lab

  
Principal

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All HODs

  
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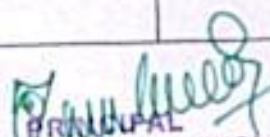


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**DEPARTMENT OF MECHANICAL ENGINEERING**

### SYLLABUS

**Name of the Program: Skill-set for Modern Mechanical Engineering Design**

SESSION	TOPICS OF STUDY	DURATION
<b>Session - I</b> (Introduction)	Introduction, Who are design engineers, Design engineering in product development.	3hrs
<b>Session - II</b> (Scenarios to Understand Design Engineering)	Scenario - 1: Design of a Mobile holder - Research, Concept Development, Detail Design. Scenario - 2: Design of electric Go-Kart - Research, Concept Development, Detail Design.	3hrs
<b>Session - III</b> (Scenarios to Understand Design Engineering)	Scenario - 3: Design of Suspension System - Research, Concept Development, Detail Design. Summary of Design Engineering, Engineering Design Process	3hrs
<b>Session - IV</b> (Scenarios to Understand Design Engineering)	Converting requirements to specification of product, types of design problems, types of mechanical systems, teams in mechanical product development.	3hrs
<b>Session - V</b> (Roles and Responsibilities of Design Engineer)	Industrial design vs Design Engineering, Roles and Responsibilities, Material and Process Selection, Design life cycle of a part, Engineering release, Cost of Bad Design	3hrs
<b>Session - VI</b> (Design Skills)	Core Knowledge Overview, Skills, Knowledge and Attitude - Overview, Core design engineering skills - Part 1, Part 2 and part 3, Research and Learning skills, Concept development Skills, Prototyping and Testing skills	3hrs
<b>Session - VII</b> (Design Knowledge)	Product Knowledge Importance, Attention to Detail, Importance of Practical Know-how, Empathy in Design, Open mindset and Critical Thinking	3hrs
<b>Session - VIII</b> (Engineering Analysis)	Intro Engineering Analysis, Typical Methods of Engineering Methods, Types of Engineering Analysis, Need for Computation in Engineering Analysis, Need for Computation - Fluid Mechanics Example,	3hrs
<b>Session - IX</b> (Implementation of FEA)	Finite Element Analysis - The idea, Discretization in FEA, FEA steps and summary, Computational Fluid Dynamics - Overview, Multibody Dynamics Analysis, Computer Aided Engineering, Example of Chassis Design and Analysis, Analysis and testing	3hrs
<b>Session - X</b> (Design Considerations)	Design for X, DFMA, Failure mode effect and Analysis	3hrs

  
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SESSION	TOPICS OF STUDY	DURATION
<b>Session - XI</b> (Engineering Drawing and GD&T)	Engineering Drawing, Major Stakeholders - Engineering Drawing, What is GD&T, Why GD&T.	3hrs
<b>Session - XII</b> (Interaction)	Interaction with Resource Persons	3hrs

S.No.	Name of the Resource Person	Designation	Signature
1	Dr. P. KishoreKumar	Associate Professor	
2	Mr. V. Bala Chinalingam	Assistant Professor	

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### PROGRAM SCHEDULE

**Name of the Program: Skill-set for Modern Mechanical Engineering Design**

S. No.	Schedule	Time
<b>14/12/2020</b>		
1	Inauguration of the program	9:30AM to 10:30AM
2	Session - I	10:30AM to 12:30PM
3	Session - II	01:30PM to 04:30PM
<b>15/12/2020</b>		
4	Session - III	9:30AM to 12:30PM
5	Session - IV	01:30PM to 04:30PM
<b>16/12/2020</b>		
6	Session - V	9:30AM to 12:30PM
7	Session - VI	01:30PM to 04:30PM
<b>17/12/2020</b>		
8	Session - VII	9:30AM to 12:30PM
9	Session - VIII	01:30PM to 04:30PM
<b>18/12/2020</b>		
10	Session - IX	9:30AM to 12:30PM
11	Session - X	01:30PM to 04:30PM
<b>19/12/2020</b>		
12	Session - XI	9:30AM to 12:30PM
13	Session - XII	01:30PM to 04:30PM

**Lunch Time: 12:30PM to 1:30PM**

S.No.	Name of the Resource Person	Designation	Signature
1	Dr. P. KishoreKumar	Associate Professor	
2	Mr. V. Bala Chinalingam	Assistant Professor	

Program Coordinator

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**DEPARTMENT OF MECHANICAL ENGINEERING**

**LIST OF STUDENTS ENROLLED**

Academic Year: 2020-21

Commencement Date: 14-12-2020

Program Title: "Skill-set for Modern Mechanical Engineering Design"

S.No.	Roll Number	Student Name	Signature
1	18X41A0301	Arepalli Dinesh Kumar	A. Dinesh Kumar
2	18X41A0302	Bejawada Divya	B. Divya
3	18X41A0303	Bravara Dinesh Kumar	B. Dinesh Kumar
4	18X41A0304	Chalamalasetti Yaswanth Sai Krishna	Ch. U. Sai Krishna
5	18X41A0306	Gundarapu Sai Ram	G. Sai Ram
6	18X41A0311	Lingineni Naga Sai	L. Naga Sai
7	18X41A0313	Mandapati Swaroop Kumar	M. Swaroop Kumar
8	18X41A0320	Ravi Koti Teja B G	R. Teja B G
9	18X41A0325	Tanguturi Sandeep	T. Sandeep
10	19X45A0301	Alibilli Naveen	A. Naveen
11	19X45A0302	Aravapalli Vinay Kumar	A. Vinay Kumar
12	19X45A0311	Chittajallu Venkata Kranthi Kumar	Ch. V. K. K.
13	19X45A0313	Darsinala Yazna Seshu Pavan Kumar	D. Y. S. Pavan Kumar
14	19X45A0315	Dummanaboyina Kishore	D. Kishore
15	19X45A0316	Gadde Ravi	G. Ravi
16	19X45A0317	Ganithi Manoj Kumar	G. Manoj Kumar
17	19X45A0322	Indala Brahmaiah	I. Brahmaiah

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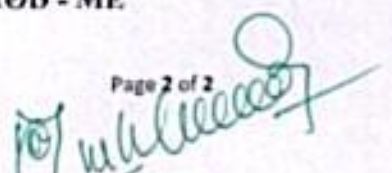


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S.No.	Roll Number	Student Name	Signature
18	19X45A0323	Isukapalli Prudhvi Raju	P. Prudhvi Raju
19	19X45A0326	Kinjarapu Hari	K. Hari
20	19X45A0327	Kolla Rahul	K. Rahul
21	19X45A0328	Kukalakuntla Lavakumar	A. Lavakumar
22	19X45A0330	Kuruva Mahesh	K. Mahesh
23	19X45A0331	Makarla Abhiram	M. Abhiram
24	19X45A0332	Mandava Bhaskara Rao	M. Bhaskara Rao
25	19X45A0337	Nadendla Venkatesh	N. Venkatesh
26	19X45A0339	Neelathi Jagadeesh Raju	N. Jagadeesh Raju
27	19X45A0340	Nersu Sobhan Babu	N. Sobhan Babu
28	19X45A0344	Sangani Srinivasulureddy	S. Srinivasulu reddy
29	19X45A0347	Shaik Mohammadgouse	Sk. Mohammadgouse
30	19X45A0349	Shaik Shabaz	Shaik Shabaz
31	19X45A0351	Syed Imamsha	Sk. Imamsha
32	19X45A0354	Thumu Yaswanth	T. Yaswanth
33	19X45A0357	Vempati Vamsi	V. Vamsi
34	19X45A0359	Vundrajavarapu Arjun Premanand	V. Arjun
35	19X45A0360	Vuyyuru Raghunadh Babu	V. Raghunadh Babu

  
Program Coordinator

  
HOD - ME

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**DAY-WISE ATTENDANCE REPORT**

Academic Year: 2020-21

Commencement Date: 14-12-2020

Program Duration: 14/12/2020 to 19/12/2020

Program Title: "Skill-set for Modern Mechanical Engineering Design"

S.NO	ROLL NO	14/12/2020		15/12/2020		16/12/2020	
		FN	AN	FN	AN	FN	AN
1	18X41A0301	A.Dinesh	A.Dinesh	A.Dinesh	A.Dinesh	A.Dinesh	A.Dinesh
2	18X41A0302	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya
3	18X41A0303	B.Diva	B.Diva	B.Diva	B.Diva	B.Diva	B.Diva
4	18X41A0304	Ch.Sankar	Ch.Sankar	Ch.Sankar	Ch.Sankar	Ch.Sankar	Ch.Sankar
5	18X41A0306	G.Sarav	G.Sarav	G.Sarav	G.Sarav	G.Sarav	G.Sarav
6	18X41A0311	J.Naga	J.Naga	J.Naga	J.Naga	J.Naga	J.Naga
7	18X41A0313	M.R.	M.R.	M.R.	M.R.	M.R.	M.R.
8	18X41A0320	R.R.	R.R.	R.R.	R.R.	R.R.	R.R.
9	18X41A0325	T.Sankar	T.Sankar	T.Sankar	T.Sankar	T.Sankar	T.Sankar
10	19X45A0301	A.Nave	A.Nave	A.Nave	A.Nave	A.Nave	A.Nave
11	19X45A0302	Avinay	Avinay	Avinay	Avinay	Avinay	Avinay
12	19X45A0311	Chokk	Chokk	Chokk	Chokk	Chokk	Chokk
13	19X45A0313	D.S.Pave	D.S.Pave	D.S.Pave	D.S.Pave	D.S.Pave	D.S.Pave
14	19X45A0315	D.Li	D.Li	D.Li	D.Li	D.Li	D.Li
15	19X45A0316	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.
16	19X45A0317	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.
17	19X45A0322	I.R.	I.R.	I.R.	I.R.	I.R.	I.R.
18	19X45A0323	I.P.	I.P.	I.P.	I.P.	I.P.	I.P.
19	19X45A0326	K.Hari	K.Hari	K.Hari	K.Hari	K.Hari	K.Hari
20	19X45A0327	K.Rajid	K.Rajid	K.Rajid	K.Rajid	K.Rajid	K.Rajid
21	19X45A0328	K.Rajid	K.Rajid	K.Rajid	K.Rajid	K.Rajid	K.Rajid
22	19X45A0330	K.Nahy	K.Nahy	K.Nahy	K.Nahy	K.Nahy	K.Nahy
23	19X45A0331	M.Hari	M.Hari	M.Hari	M.Hari	M.Hari	M.Hari
24	19X45A0332	M.Bhask	M.Bhask	M.Bhask	M.Bhask	M.Bhask	M.Bhask
25	19X45A0337	M.D.	M.D.	M.D.	M.D.	M.D.	M.D.

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26	19X45A0339	N. Jagadech	N. Jagadech	N. Jagadech	N. Jagadech	N. Jagadech	N. Jagadech
27	19X45A0340	N. Sathyan	N. Sathyan	N. Sathyan	N. Sathyan	N. Sathyan	N. Sathyan
28	19X45A0344	S. S. Reddy	S. S. Reddy	S. S. Reddy	S. S. Reddy	S. S. Reddy	S. S. Reddy
29	19X45A0347	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan
30	19X45A0349	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan
31	19X45A0351	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan	S. Sathyan
32	19X45A0354	T. Y.	T. Y.	T. Y.	T. Y.	T. Y.	T. Y.
33	19X45A0357	V. Damsi	V. Damsi	V. Damsi	V. Damsi	V. Damsi	V. Damsi
34	19X45A0359	V. A. J.	V. A. J.	V. A. J.	V. A. J.	V. A. J.	ABSENT
35	19X45A0360	V. Raghav	V. Raghav	V. Raghav	V. Raghav	V. Raghav	V. Raghav
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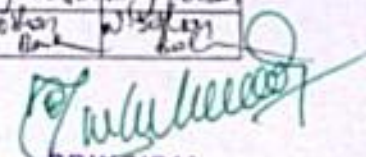
**DAY-WISE ATTENDANCE REPORT**

Academic Year: 2020 – 21 Program Commencement Date: 14-12-2020

Program Duration: 14/12/2020 to 19/12/2020

Program Title: "Skill-set for Modern Mechanical Engineering Design"

S.NO	ROLL NO	17/12/2020		18/12/2020		19/12/2020	
		FN	AN	FN	AN	FN	AN
1	18X41A0301	A.Dinesh	A.Dinesh	A.Dinesh	A.Dinesh	A.Dinesh	A.Dinesh
2	18X41A0302	B.Durgam	B.Durgam	B.Durgam	B.Durgam	B.Durgam	B.Durgam
3	18X41A0303	B.Durga	B.Durga	B.Durga	B.Durga	B.Durga	B.Durga
4	18X41A0304	Ch.YSankar	Ch.YSankar	Ch.YSankar	Ch.YSankar	Ch.YSankar	Ch.YSankar
5	18X41A0306	G.Srinivas	G.Srinivas	G.Srinivas	G.Srinivas	G.Srinivas	G.Srinivas
6	18X41A0311	L.Nagesh	L.Nagesh	L.Nagesh	L.Nagesh	L.Nagesh	L.Nagesh
7	18X41A0313	M.Sri	M.Sri	M.Sri	M.Sri	M.Sri	M.Sri
8	18X41A0320	P.K.P	P.K.P	P.K.P	P.K.P	P.K.P	P.K.P
9	18X41A0325	T.Sankar	T.Sankar	T.Sankar	T.Sankar	T.Sankar	T.Sankar
10	19X45A0301	A.Nam	A.Nam	A.Nam	A.Nam	A.Nam	A.Nam
11	19X45A0302	A.Vinaykumar	A.Vinaykumar	A.Vinaykumar	A.Vinaykumar	A.Vinaykumar	A.Vinaykumar
12	19X45A0311	Ch.UTK	Ch.UTK	Ch.UTK	Ch.UTK	Ch.UTK	Ch.UTK
13	19X45A0313	D.Yashwanth	D.Yashwanth	D.Yashwanth	D.Yashwanth	D.Yashwanth	D.Yashwanth
14	19X45A0315	D.Lakshmi	D.Lakshmi	D.Lakshmi	D.Lakshmi	D.Lakshmi	D.Lakshmi
15	19X45A0316	G.Ravi	G.Ravi	G.Ravi	G.Ravi	G.Ravi	G.Ravi
16	19X45A0317	G.Nand	G.Nand	G.Nand	G.Nand	G.Nand	G.Nand
17	19X45A0322	I.Sankar	I.Sankar	I.Sankar	I.Sankar	I.Sankar	I.Sankar
18	19X45A0323	I.Patel	I.Patel	I.Patel	I.Patel	I.Patel	I.Patel
19	19X45A0326	K.Haris	K.Haris	K.Haris	K.Haris	K.Haris	K.Haris
20	19X45A0327	K.Rajesh	K.Rajesh	K.Rajesh	K.Rajesh	K.Rajesh	K.Rajesh
21	19X45A0328	K.Srinivas	K.Srinivas	K.Srinivas	K.Srinivas	K.Srinivas	K.Srinivas
22	19X45A0330	K.Nand	K.Nand	K.Nand	K.Nand	K.Nand	K.Nand
23	19X45A0331	M.Haris	M.Haris	M.Haris	M.Haris	M.Haris	M.Haris
24	19X45A0332	M.Thank	M.Thank	M.Thank	M.Thank	M.Thank	M.Thank
25	19X45A0337	N.Vinay	N.Vinay	N.Vinay	N.Vinay	N.Vinay	N.Vinay
26	19X45A0339	N.Srinivas	N.Srinivas	N.Srinivas	N.Srinivas	N.Srinivas	N.Srinivas
27	19X45A0340	N.Srinivas	N.Srinivas	N.Srinivas	N.Srinivas	N.Srinivas	N.Srinivas

  
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28	19X45A0344	S.S. Reddy	S.S. Reddy	S.S. Reddy	S.S. Reddy	S.S. Reddy	S.S. Reddy
29	19X45A0347	S. Reddy	S. Reddy	S. Reddy	S. Reddy	S. Reddy	S. Reddy
30	19X45A0349	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	ABSENT
31	19X45A0351	Sd. Anu	Sd. Anu	Sd. Anu	Sd. Anu	Sd. Anu	Sd. Anu
32	19X45A0354	Tyler	Tyler	Tyler	Tyler	Tyler	Tyler
33	19X45A0357	V. Damsi	V. Damsi	V. Damsi	V. Damsi	V. Damsi	V. Damsi
34	19X45A0359	V. Aj	V. Aj	V. Aj	V. Aj	V. Aj	V. Aj
35	19X45A0360	V. Ragh	V. Ragh	V. Ragh	V. Ragh	V. Ragh	V. Ragh
Coordinator Sign		Jatun	Jatun	Jatun	Jatun	Jatun	Jatun

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 22-12-2020

**Program Report**

**Name of the Event:** An Add-on Certificate program on "Skill-set for modern Mechanical Engineering Design."

**Program Commenced on:** 14-12-2020

**Duration:** 36 Hours

**Program concluded on:** 19-12-2020

**Resource Persons:**

1. Dr. P Kishorekumar, Associate Professor, Department of Mechanical Engineering, SRKIT.  
Email: [dr.kishoremeh@gmail.com](mailto:dr.kishoremeh@gmail.com) Mobile: 9500154433
2. Mr. V Bala Chinnalingam, Assistant Professor, Department of Mechanical Engineering, SRKIT. Email: [yb14606@gmail.com](mailto:yb14606@gmail.com) Mobile: 9494714606

**Name of Coordinator:** Mr. P Tarun Naga Venkatesh, Assistant Professor, Department of Mechanical Engineering, SRKIT.

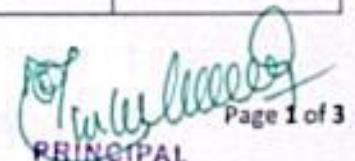
**Number of students certified/enrolled:** 35/35

**Objective of the Program:**

1. The goal of this course is to provide students with a comprehensive understanding of the field of design engineering.
2. The course includes case studies for design engineering students to learn more about what design engineers do in the workplace.
3. This course assists students in designing and developing their own products.

**Topics Covered:**

SESSION	TOPICS OF STUDY	DURATION
Session - I (Introduction)	Introduction, Who are design engineers, Design engineering in product development.	3hrs

  
Page 1 of 3  
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ENIKEPADU, VIJAYAWADA





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**DEPARTMENT OF MECHANICAL ENGINEERING**

SESSION	TOPICS OF STUDY	DURATION
<b>Session - II</b> (Scenarios to Understand Design Engineering)	Scenario - 1: Design of a Mobile holder - Research, Concept Development, Detail Design.  Scenario - 2: Design of electric Go-Kart - Research, Concept Development, Detail Design.	3hrs
<b>Session - III</b> (Scenarios to Understand Design Engineering)	Scenario - 3: Design of Suspension System - Research, Concept Development, Detail Design.  Summary of Design Engineering, Engineering Design Process	3hrs
<b>Session - IV</b> (Scenarios to Understand Design Engineering)	Converting requirements to specification of product, types of design problems, types of mechanical systems, teams in mechanical product development.	3hrs
<b>Session - V</b> (Roles and Responsibilities of Design Engineer)	Industrial design vs Design Engineering, Roles and Responsibilities, Material and Process Selection, Design life cycle of a part, Engineering release, Cost of Bad Design	3hrs
<b>Session - VI</b> (Design Skills)	Core Knowledge Overview, Skills, Knowledge and Attitude - Overview, Core design engineering skills - Part 1, Part 2 and part 3, Research and Learning skills, Concept development Skills, Prototyping and Testing skills	3hrs
<b>Session - VII</b> (Design Knowledge)	Product Knowledge Importance, Attention to Detail, Importance of Practical Know-how, Empathy in Design, Open mindset and Critical Thinking	3hrs
<b>Session - VIII</b>	Intro Engineering Analysis, Typical Methods of Engineering Methods, Types of Engineering Analysis, Need for	3hrs

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DEPARTMENT OF MECHANICAL ENGINEERING

SESSION	TOPICS OF STUDY	DURATION
(Engineering Analysis)	Computation in Engineering Analysis, Need for Computation - Fluid Mechanics Example,	
Session - IX (Implementation of FEA)	Finite Element Analysis - The idea, Discretization in FEA, FEA steps and summary, Computational Fluid Dynamics - Overview, Multibody Dynamics Analysis, Computer Aided Engineering, Example of Chassis Design and Analysis, Analysis and testing	3hrs
Session - X (Design Considerations)	Design for X, DFMA, Failure mode effect and Analysis	3hrs
Session - XI (Engineering Drawing and GD&T)	Engineering Drawing, Major Stakeholders - Engineering Drawing, What is GD&T, Why GD&T.	3hrs
Session - XII	Interaction with Resource Persons	3hrs

**Outcome of Event:**

1. With the help of scenarios, students can learn about the profession of design engineering.
2. The students grasped the fundamental skills and knowledge that a design engineer must possess.
3. The importance of engineering analysis as well as the various types of engineering analysis was taught to the students.
4. Students will be able to comprehend the concerns of design engineers.

  
Program Coordinator

  
HOD



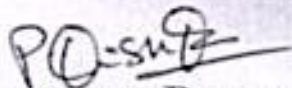


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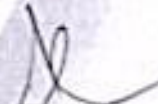
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## Participation certificate

This is to certify that Mr./Ms. AREPALLI DINESH KUMAR  
of Mechanical Engineering, SRK Institute of Technology has  
Participated in "Skill-set for Modern Mechanical Engineering Design" held  
from 14-12-2020 to 19-12-2020 conducted by the Department of Mechanical  
Engineering, SRKIT-Vijayawada.

  
**Resource Person**  
Dr. P Kishore Kumar,  
Associate Professor  
Dept of ME, SRKIT

  
**Resource Person**  
Mr. V Bala Chinnalingam,  
Assistant Professor  
Dept of ME, SRKIT

  
**HoD**  
Mr. A Stanly Kumar,  
Assistant Professor,  
Dept of ME, SRKIT

  
**Principal**  
Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

  
PRINCIPAL





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## Participation certificate

This is to certify that Mr./Ms. CH. YASWANTH SAI KRISHNA  
of Mechanical Engineering, SRK Institute of Technology has  
Participated in "Skill-set for Modern Mechanical Engineering Design" held  
from 14-12-2020 to 19-12-2020 conducted by the Department of Mechanical  
Engineering, SRKIT-Vijayawada.

**Resource Person**

Dr. P Kishore Kumar,  
Associate Professor  
Dept of ME, SRKIT

**Resource Person**

Mr. V Bala Chinnalingam,  
Assistant Professor  
Dept of ME, SRKIT

**HoD**

Mr. A Stanly Kumar,  
Assistant Professor,  
Dept of ME, SRKIT

**Principal**

Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT



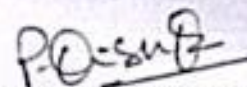


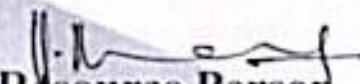
# SRK INSTITUTE OF TECHNOLOGY

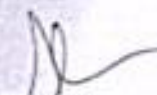
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## Participation certificate

This is to certify that Mr./Ms. G. SAI RAM  
of Mechanical Engineering, SRK Institute of Technology has  
Participated in "Skill-set for Modern Mechanical Engineering Design" held  
from 14-12-2020 to 19-12-2020 conducted by the Department of Mechanical  
Engineering, SRKIT-Vijayawada.

  
**Resource Person**  
Dr. P. Kishore Kumar,  
Associate Professor  
Dept of ME, SRKIT

  
**Resource Person**  
Mr. V. Bala Chinnalingam,  
Assistant Professor  
Dept of ME, SRKIT

  
**HOD**  
Mr. A. Stanly Kumar,  
Assistant Professor,  
Dept of ME, SRKIT

  
**Principal**  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

  
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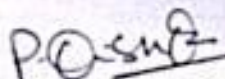


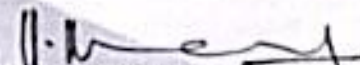
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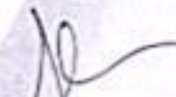
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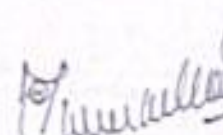
## Participation certificate

This is to certify that Mr./Ms. LINGINENI NAGA SAI  
of Mechanical Engineering, SRK Institute of Technology has  
Participated in "Skill-set for Modern Mechanical Engineering Design" held  
from 14-12-2020 to 19-12-2020 conducted by the Department of Mechanical  
Engineering, SRKIT-Vijayawada.

  
**Resource Person**  
Dr. P. Kishore Kumar,  
Associate Professor  
Dept of ME, SRKIT

  
**Resource Person**  
Mr. V. Bala Chinnalingam,  
Assistant Professor  
Dept of ME, SRKIT

  
**HoD**  
Mr. A. Stanly Kumar,  
Assistant Professor,  
Dept of ME, SRKIT

  
**Principal**  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

  
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Date: 30-11-2020

**CIRCULAR**

The following Faculty members are informed to attend the meeting at Civil Engineering Department office on 2-12-2020 at 2:00 PM to discuss and frame curriculum and Day wise schedule for the Add-on certificate program on "Learn to Read Construction and Structural Drawing like Expert"

S.No	Faculty Name	Designation	Signature
1	Dr.T.Satyanarayana	Professor & HOD	
2	Mrs.E.Usha Sree	Assistant Professor	
3	Dr. V.Karthik	Assistant Professor	
4	Mr.J.Purnachandra	Assistant Professor	

  
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**DEPARTMENT OF CIVIL ENGINEERING**

**SYLLABUS**

**Name of the Program: Learn to Read Construction and Structural Drawing like Expert**

SESSION	TOPICS OF STUDY	DURATION
Session - I	Understanding To Read Footing Layout drawing Of G+3 Building	3hrs
Session - II	Learn to Read Footing Schedule and Reinforcement Drawing of G+3 Building	3hrs
Session - III	Learn To Read Column Layout & Column Schedule Drawings of G+3 Building	3hrs
Session - IV	Learn to Read Column Reinforcement & Column Lateral Ties & SP-34 Detailing	3hrs
Session - V	Plinth Beam Layout , How to Frame Plinth Beam layout & Understand Reinforcement	3hrs
Session - VI	Learn to Read 1st Floor Beam Reinforcements of a G+3 Residential Building	3hrs
Session - VII	Theory of 2 way Slab & Its Importance & How it is Provided Practically at Site	3hrs
Session - VIII	Second Floor Shuttering Layout & Minor Changes With Respect to 1st Floor Layout	3hrs
Session - IX	Second Floor Beam Details & Theory Behind Extra Bar at Support ( MUST WATCH )	3hrs
Session - X	Second Floor Slab Details & Theory Behind Simply Supported & fixed Support Slab	3hrs
Session - XI	Check Bending Moment of Beam & understand it with Structural drawings	3hrs
Session - XII	Column Detailing Manually & with Excel Sheet from Etabs Results	3hrs

**Resource Person**

1)

2)

T.   
HOD - CE

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Date: 05-12-2020

**CIRCULAR**

All the II/IV B.Tech I Semester Students are hereby informed that Department of Civil Engineering is conducting an Add-on Certificate Program titled "Learn to Read Construction and Structural Drawing like Expert." The resource persons are Dr.V.Karthik, Assistant Professor, Department of Civil Engineering, SRKIT and Mrs.E.UshaSree, Assistant Professor, Department of Civil Engineering, SRKIT. The program will commence on 14/12/2020 and will conclude on 19/12/2020. The details of the program are displayed in the notice board. Interested students can meet Mr. M .Karthik kumar, Assistant Professor, Department of Civil Engineering, and enroll their names on or before 10/12/2020

Venue: Room no:A-105

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ENIKEPADU, VIJAYAWADA

*(Signature)*  
Principal  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA





**PROGRAM SCHEDULE**

**Name of the Program: Learn to Read Construction and Structural Drawing like Expert**

S. No.	Schedule	Time
<b>14/12/2020</b>		
1	Inauguration of the program	9:30AM to 10:30AM
2	Session - I	10:30AM to 12:30PM
3	Session - II	01:30PM to 04:30PM
<b>15/12/2020</b>		
4	Session - III	9:30AM to 12:30PM
5	Session - IV	01:30PM to 04:30PM
<b>16/12/2020</b>		
6	Session - V	9:30AM to 12:30PM
7	Session - VI	01:30PM to 04:30PM
<b>17/12/2020</b>		
8	Session - VII	9:30AM to 12:30PM
9	Session - VIII	01:30PM to 04:30PM
<b>18/12/2020</b>		
10	Session - IX	9:30AM to 12:30PM
11	Session - X	01:30PM to 04:30PM
<b>19/12/2020</b>		
12	Session - XI	9:30AM to 12:30PM
13	Session - XII	01:30PM to 04:30PM

**Lunch Time: 12:30PM to 1:30PM**

**Resource Person**

- 1)
- 2)

**Program Coordinator**

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**DEPARTMENT OF CIVIL ENGINEERING**

**LIST OF STUDENTS ENROLLED**

Academic Year: 2020-21

Commencement Date: 14-12-2020

Program Title: "Learn to Read Construction and Structural Drawing like Expert"

S.No.	Roll Number	Student Name	Signature
1	19X41A0102	SEERAM SUBHASHINI	S. Subhashini
2	19X41A0103	VALLABHAPURAM PRADEEP	V. Pradeep
3	20X45A0101	KANCHARLA HARIKA	K. Harika
4	20X45A0102	SAMINENI KAVYA	S. Kavya
5	20X45A0103	VAVILAPALLI DHARMARAO	V. Dharmarao
6	20X45A0104	VISWANADHUNI PRASAD	V. Prasad
7	20X45A0105	NARINA PAVAN KUMAR	N. Pavan Kumar
8	20X45A0106	ABDUL SAMEERUDDIN	Ab. Sameeruddin
9	20X45A0107	MOHAMMAD SALEHA	M. D. Shabek
10	20X45A0108	BODIPOGU RAJ KUMAR	B. Raj Kumar
11	20X45A0109	RAVURI SUDEEPA	R. Sudeepa
12	20X45A0110	CHANDU VENKATA VENU	Ch. Venku
13	20X45A0111	DASARI NASARAJAH	<del>Dasari Nasarajah</del>
14	20X45A0112	PULAPA ASWINI	P. Aswini
15	20X45A0113	SHAIK JILANI	SK. Jilani
16	20X45A0114	MADIRI SURESH BABU	M. Suresh Babu
17	20X45A0115	BADIPATI RAVI TEJA	R. R.

Program Coordinator

T. Lakshmi  
HOD - CE

14/12/20

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ENIKEPADU, VIJAYAWADA





**DAY-WISE ATTENDANCE REPORT**

Academic Year: 2020-21

Commencement Date: 14-12-2020

Program Duration: 14/12/2020 to 19/12/2020

Program Title: "Learn to Read Construction and Structural Drawing like Expert"

S.NO	ROLL NO	14/12/2020		15/12/2020		16/12/2020	
		FN	AN	FN	AN	FN	AN
1	19X41A0102	S Subhash	S Subhash	S Subhash	S Subhash	S Subhash	S Subhash
2	19X41A0103	V Pradeep	V Pradeep	V Pradeep	V Pradeep	V Pradeep	V Pradeep
3	20X45A0101	K Harish	K Harish	K Harish	K Harish	K Harish	K Harish
4	20X45A0102	S Kavya	S Kavya	S Kavya	S Kavya	S Kavya	S Kavya
5	20X45A0103	V Dhana	V Dhana	V Dhana	V Dhana	V Dhana	V Dhana
6	20X45A0104	V Prasad	V Prasad	V Prasad	V Prasad	V Prasad	V Prasad
7	20X45A0105	N Parvan	N Parvan	N Parvan	N Parvan	N Parvan	N Parvan
8	20X45A0106	A Sankh	A Sankh	A Sankh	A Sankh	A Sankh	A Sankh
9	20X45A0107	M D. Sateja	M D. Sateja	M D. Sateja	M D. Sateja	M D. Sateja	M D. Sateja
10	20X45A0108	B Rajkumar	B Rajkumar	B Rajkumar	B Rajkumar	B Rajkumar	B Rajkumar
11	20X45A0109	R Sudeepa	R Sudeepa	R Sudeepa	R Sudeepa	R Sudeepa	R Sudeepa
12	20X45A0110	Ch. Venu	Ch. Venu	Ch. Venu	Ch. Venu	Ch. Venu	Ch. Venu
13	20X45A0111	<del>SADU</del>	<del>SADU</del>	<del>SADU</del>	<del>SADU</del>	<del>SADU</del>	<del>SADU</del>
14	20X45A0112	P. Aswin	P. Aswin	P. Aswin	P. Aswin	P. Aswin	P. Aswin
15	20X45A0113	Sk. Jibin	Sk. Jibin	Sk. Jibin	Sk. Jibin	Sk. Jibin	Sk. Jibin
16	20X45A0114	K. Sankh	K. Sankh	K. Sankh	K. Sankh	K. Sankh	K. Sankh
17	20X45A0115	B Parv	B Parv	B Parv	B Parv	B Parv	B Parv
Coordinator Sign		Kantak 14/12/20		Kantak 15/12/20		Kantak 16/12/20	

T. Lakshy  
 HOD - CE





**DAY-WISE ATTENDANCE REPORT**

Academic Year: 2020 – 21 Program Commencement Date: 14-12-2020

Program Duration: 14/12/2020 to 19/12/2020

Program Title: "Learn to Read Construction and Structural Drawing like Expert"

S.NO	ROLL NO	17/12/2020		18/12/2020		19/12/2020	
		FN	AN	FN	AN	FN	AN
1	19X41A0102	S. Subhaskar	S. Subhaskar	S. Subhaskar	S. Subhaskar	S. Subhaskar	S. Subhaskar
2	19X41A0103	V. Pradeep	V. Pradeep	V. Pradeep	V. Pradeep	V. Pradeep	V. Pradeep
3	20X45A0101	K. Harika	K. Harika	K. Harika	K. Harika	K. Harika	K. Harika
4	20X45A0102	S. Kavya	S. Kavya	S. Kavya	S. Kavya	S. Kavya	S. Kavya
5	20X45A0103	V. Divya	V. Divya	V. Divya	V. Divya	V. Divya	V. Divya
6	20X45A0104	V. Prasad	V. Prasad	V. Prasad	V. Prasad	V. Prasad	V. Prasad
7	20X45A0105	N. Pavan	N. Pavan	N. Pavan	N. Pavan	N. Pavan	N. Pavan
8	20X45A0106	A. Anand	A. Anand	A. Anand	A. Anand	A. Anand	A. Anand
9	20X45A0107	M. D. Saketh	M. D. Saketh	M. D. Saketh	M. D. Saketh	M. D. Saketh	M. D. Saketh
10	20X45A0108	B. Rajkumar	B. Rajkumar	B. Rajkumar	B. Rajkumar	B. Rajkumar	B. Rajkumar
11	20X45A0109	R. Sudheer	R. Sudheer	R. Sudheer	R. Sudheer	R. Sudheer	R. Sudheer
12	20X45A0110	Ch. Venk	Ch. Venk	Ch. Venk	Ch. Venk	Ch. Venk	Ch. Venk
13	20X45A0111	<del>Not Present</del>	<del>Not Present</del>	<del>Not Present</del>	<del>Not Present</del>	<del>Not Present</del>	<del>Not Present</del>
14	20X45A0112	P. Anand	P. Anand	P. Anand	P. Anand	P. Anand	P. Anand
15	20X45A0113	Sk. Jibai	Sk. Jibai	Sk. Jibai	Sk. Jibai	Sk. Jibai	Sk. Jibai
16	20X45A0114	B. Prasad	B. Prasad	B. Prasad	B. Prasad	B. Prasad	B. Prasad
17	20X45A0115	B. Prasad	B. Prasad	B. Prasad	B. Prasad	B. Prasad	B. Prasad
Coordinator Sign		K. Saketh 17/12/20		K. Saketh 18/12/20		K. Saketh 19/12/20	

T. Lakshmi  
**HOD - CE**  
  
**PRINCIPAL**





## SRK INSTITUTE OF TECHNOLOGY

Enikepadu, Vijayawada 521108

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DEPARTMENT OF CIVIL ENGINEERING

Date: 23-12-2020

### Program Report

**Name of the Event:** An Add-on Certificate program on "Learn to Read Construction and Structural Drawing like Expert."

**Program Commenced on:** 14-12-2020

**Duration:** 36 Hours

**Program concluded on:** 19-12-2020

**Resource Persons:**

1. Dr.V.Karthik kumar, Assistant Professor, Department of Civil Engineering, SRKIT. Email:  
Mobile:
2. Mrs.E.UshaSree, Assistant Professor, Department of Civil Engineering, SRKIT. Email:  
Mobile:

**Name of Coordinator:** Mr. M.Karthik kumar, Assistant Professor, Department of Civil Engineering, SRKIT.

**Number of students certified/enrolled:** 18/18

**Objective of the Program:**

1. Learn to Read Architectural & Structural Drawings of House Plans, Residential Buildings ( G+3 to G+10 Buildings ),Industrial Building
2. Learn to read the plumbing drawings, Sewage drawings & Storm water drawings
3. Understand The Theory Behind All The Structural Drawings & Code books

**Topics Covered:**

SESSION	TOPICS OF STUDY	DURATION
Session - I	Understanding To Read Footing Layout drawing Of G+3 Building	3hrs
Session - II	Learn to Read Footing Schedule and Reinforcement	3hrs

Page 1 of 3

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DEPARTMENT OF CIVIL ENGINEERING

SESSION	TOPICS OF STUDY	DURATION
	Drawing of G+3 Building	
Session - III	Learn To Read Column Layout & Column Schedule Drawings of G+3 Building	3hrs
Session - IV	Learn to Read Column Reinforcement & Column Lateral Ties & SP-34 Detailing	3hrs
Session - V	Plinth Beam Layout , How to Frame Plinth Beam layout & Understand Reinforcement	3hrs
Session - VI	Learn to Read 1st Floor Beam Reinforcements of a G+3 Residential Building	3hrs
Session - VII	Theory of 2 way Slab & Its Importance & How it is Provided Practically at Site	3hrs
Session - VIII	Second Floor Shuttering Layout & Minor Changes With Respect to 1st Floor Layout	3hrs
Session - IX	Second Floor Beam Details & Theory Behind Extra Bar at Support ( MUST WATCH )	3hrs
Session - X	Second Floor Slab Details & Theory Behind Simply Supported & fixed Support Slab	3hrs
Session - XI	Check Bending Moment of Beam & understand it with Structural drawings	3hrs
Session - XII	Column Detailing Manually & with Excel Sheet from Etabs Results	3hrs

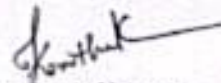


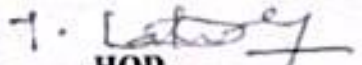


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DEPARTMENT OF CIVIL ENGINEERING

**Outcome of Event:**

1. Interested to learn Architectural & Structural drawings with clear understanding Students
2. Quantity surveyors, Project Management consultants, Planning Engineers
3. Structural Engineers those who are looking for Entry Level Jobs in Design Companies
4. Civil Engineers Looking to Change Career in Structural Firm

  
Program Coordinator

  
HOD

  
Page 3 of 3  
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## Participation certificate

This is to certify that Mr./Ms. SEERAM SUBHASHINI  
of SRK Institute of Technology, Enikepadu has  
Participated in "Learn to Read Construction and Structural Drawing like Expert"  
held from 14-12-2020 to 19-12-2020 conducted by the Department of CIVIL  
Engineering, SRKIT-Vijayawada.

<p><b>Resource Person</b> Dr. V.Karthik, Assistant Professor Dept of CE, SRKIT</p>	<p><b>Resource Person</b> Mrs.E.UshaSree, Assistant Professor Dept of CE, SRKIT</p>	<p><b>HoD</b> Dr.T.Satyanaryana, Professor, Dept of CE, SRKIT</p>	<p><b>Principal</b> Dr. M Ekambaram Naidu Professor, Dept of CSE, SRKIT</p>
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## Participation certificate

This is to certify that Mr./Ms. KANCHARLA HARIKA  
of SRK Institute of Technology, Enikepadu has  
Participated in "Learn to Read Construction and Structural Drawing like Expert"  
held from 14-12-2020 to 19-12-2020 conducted by the Department of CIVIL  
Engineering, SRKIT-Vijayawada.

<b>Resource Person</b> Dr. V.Karthik, Assistant Professor Dept of CE, SRKIT	<b>Resource Person</b> Mrs.E.UshaSree, Assistant Professor Dept of CE, SRKIT	<b>HOD</b> Dr.T.Satyanaryana, Professor, Dept of CE, SRKIT	<b>Principal</b> Dr. M Ekambaram Naidu Professor, Dept of CSE, SRKIT
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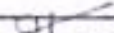
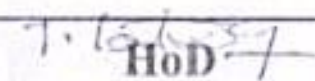




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## Participation certificate

This is to certify that Mr./Ms. PULAPA ASWINI  
of SRK Institute of Technology, Enikepadu has  
Participated in "Learn to Read Construction and Structural Drawing like Expert"  
held from 14-12-2020 to 19-12-2020 conducted by the Department of CIVIL  
Engineering, SRKIT-Vijayawada.

 <b>Resource Person</b> Dr. V. Karthik, Assistant Professor Dept of CE, SRKIT	 <b>Resource Person</b> Mrs. E. UshaSree, Assistant Professor Dept of CE, SRKIT	 <b>HoD</b> Dr. T. Satyanaryana, Professor, Dept of CE, SRKIT	 <b>Principal</b> Dr. M. Ekambaram Naidu Professor, Dept of CSE, SRKIT  <b>PRINCIPAL</b>
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## Participation certificate

This is to certify that Mr./Ms. ABDUL SAMEERUDDIN  
of SRK Institute of Technology, Enikepadu has  
Participated in "Learn to Read Construction and Structural Drawing like Expert"  
held from 14-12-2020 to 19-12-2020 conducted by the Department of CIVIL  
Engineering, SRKIT-Vijayawada.

<p><b>Resource Person</b> Dr. V. Karthik, Assistant Professor Dept of CE, SRKIT</p>	<p><b>Resource Person</b> Mrs. E. Usha Sree, Assistant Professor Dept of CE, SRKIT</p>	<p><b>HoD</b> Dr. T. Satyanaryana, Professor, Dept of CE, SRKIT</p>	<p><b>Principal</b> Dr. M. Ekambaram Naidu Professor, Dept of CSE, SRKIT</p>
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Date: 2-12-2020

### CIRCULAR

The following faculty members are requested to attend the meeting in BLC1 to discuss and frame the syllabus for an add-on program **"ANDROID APP DEVELOPMENT USING KOTLIN"**.

Sno	Faculty Name	Designation	Signature
1	Dr.D.Haritha	Professor, HOD	
2	Dr.N.Neelima Priyanka	Associate Professor	
3	Dr. B.Asha Latha	Associate Professor	
4	Dr.A.Radhika	Associate Professor	
5	Mr.M.V.Sumanth	Assistant Professor	

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Certificate of Participation

Dr N Neelima Priyanka

Has participated in the Android Development with Kotlin  
Train-the-Trainer program from August 31 - September 5, 2020

A handwritten signature in black ink, reading "Jacob Leisner".

Signing Authority

Google Developers

A handwritten signature in green ink, reading "Chellappa".

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Department of Computer Science and Engineering

4-12-2020

**SYLLABUS**  
**ANDROID APP DEVELOPMENT USING KOTLIN**

- Getting Started with Android Apps Using Kotlin
  - Introduction to Kotlin
  - Functions
  - Using Classes and Objects in Kotlin
- Exploring Android App structure
  - Activity, User Interface and Views
  - Designing Layout and Handle Events
  - Navigating between Activities
  - Share Data using Explicit and Implicit Intent
- Implementing Lists and Kotlin Classes
  - Introduction to RecyclerView and CardView
  - Adding RecyclerView and CardView
  - Creating Adapter Class
  - Link RecyclerView and Custom Adapter
- Leverage the power of Kotlin
  - Code Cleanup
  - Implementing Extension Function
  - Using Default Parameters
  - Using Companion Object and Object Declaration
- Finishing touches and styling our App
  - Updating App Launcher Icon
  - Styling App: Material Design Colors
  - Styling App: Applying Themes

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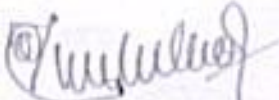


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Date: 02-12-2020

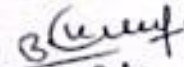
### CIRCULAR


This is to inform all the students that college academic committee proposed to plan for an add on program **"ANDROID APP DEVELOPMENT USING KOTLIN"** for IV/IV B.Tech students. It is decided to conduct this program for IV/IV B.Tech students from 14-12-2020 to 19-12-2020 with duration 6 days. The resource person is Dr.N.Neelima Priyanka, Associate Professor, Department of CSE, SRKIT. The syllabus and the schedule are displayed on the notice board. The program coordinator is Dr. A.Radhika, Associate Professor, Department of CSE,SRKIT.. The interested students are requested to register their names on or before 10-12-2020.


  
PRINCIPAL

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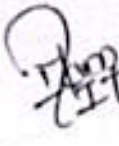
  
ECE,EEE

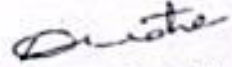
  
MBA

  
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Department of Computer Science and Engineering

Date: 8-12-2020

**SCHEDULE**

Android Apps Using Kotlin

Day	Topic	Timing
DAY 1	Getting Started with Android Apps Using Kotlin <ul style="list-style-type: none"><li>• Introduction to Kotlin</li><li>• Functions</li><li>• Using Classes and Objects in Kotlin</li></ul>	09.30AM to 04.30PM
DAY 2	Exploring Android App structure <ul style="list-style-type: none"><li>• Activity, User Interface and Views</li><li>• Designing Layout and Handle Events</li><li>• Navigating between Activities</li><li>• Share Data using Explicit and Implicit Intent</li></ul>	09.30AM to 04.30PM
DAY 3	Implementing Lists and Kotlin Classes <ul style="list-style-type: none"><li>• Introduction to RecyclerView and CardView</li><li>• Adding RecyclerView and CardView</li><li>• Creating Adapter Class</li><li>• Link RecyclerView and Custom Adapter</li></ul>	09.30AM to 04.30PM
DAY 4	Leverage the power of Kotlin <ul style="list-style-type: none"><li>• Code Cleanup</li><li>• Implementing Extension Function</li><li>• Using Default Parameters</li><li>• Using Companion Object and Object Declaration</li></ul>	09.30AM to 04.30PM
DAY 5	Finishing touches and styling our App <ul style="list-style-type: none"><li>• Updating App Launcher Icon</li><li>• Styling App: Material Design Colors</li><li>• Styling App: Applying Themes</li></ul>	09.30AM to 04.30PM
DAY 6	Test the App and Publish in play store	09.30AM to 04.30PM

Venue: BLC -4,2<sup>nd</sup> Floor

*Radhika*  
Program Coordinator

Copy to: Notice Board

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*[Signature]*  
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List of Students

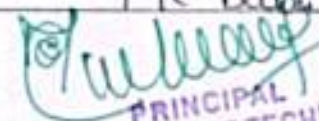
Academic Year: 2020-2021

Year/Sem: IV/I

Name of the Program: "Android App Development Using Kotlin"

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
1	17X41A0561	Aluri Bindu Priya	A. Bindu priya
2	17X41A0562	Annabathula Sai Lakshman	A. Sai Lakshman
3	17X41A0563	Battu Bhuvana	B. Bhuvana
4	17X41A0564	Boyalapalli Teja	B. Teja
5	17X41A0565	Boyina Jaswanth	B. Jaswanth
6	17X41A0566	Burra Grace Gladys Nancy	B. Nancy
7	17X41A0567	Annarapu Chaitanya	A. chaitanya
8	17X41A0568	Chanchali Mounika	Ch. mounika
9	17X41A0569	Cherlopalli Anusha	Ch. Anusha
10	17X41A0570	Dondapati Satish Babu	D. Satish
11	17X41A0571	Duggi Akhila	D. Akhila
12	17X41A0572	Enduri Venkateswara Rao	E. Venkat
13	17X41A0573	Gadde Bhanu Prasad	G. Bhanuprasad
14	17X41A0574	Gade Amani	G. Amani
15	17X41A0575	Gajula Kinnera	G. kinnera
16	17X41A0576	Gandham Maniswar	G. Maniswar
17	17X41A0577	Gavirneni Teja Chowdary	G. Teja Chowdary
18	17X41A0578	Gonuguntla Bharadwaj	G. Bharadwaj
19	17X41A0579	Goriparthi Kiranmai	G. Kiranmai
20	17X41A0580	Gottupalli V.V.S.Sai Akhila	G. Akhila
21	17X41A0581	Guttikonda Manoj	G. Manoj
22	17X41A0582	Jampani Umakanth	J. Umakanth
23	17X41A0584	Kada Pooja Sri	K. pooja sri
24	17X41A0585	Kalavakunta Ajay Kumar	K. Ajay Kumar
25	17X41A0586	Kandagaddala Lakshman	K. Lakshman
26	17X41A0587	Katakam Pavani	K. Pavani
27	17X41A0588	Kolla Jeevitha	K. Jeevitha
28	17X41A0589	Kondragunta Naga Sai Naveen	K. Naveen
29	17X41A0590	Konduru Chandra Harshita	K.C. Harshita
30	17X41A0591	Kota Babu Rao	K. Babu Rao

Redhuka  
Program Coordinator

  
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Department of Computer Science and Engineering

List of Students

Academic Year: 2020-2021

Year/Sem: IV/I

Name of the Program: "Android App Development Using Kotlin"

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
31	17X41A0592	Krishna Singh Dahiya	Krishna Singh-D
32	17X41A0593	Meegada Krishna Pranathi	M. Pranathi
33	17X41A0594	Mohammed Rakhiya Sultana	M. Rakhiya Sultana
34	17X41A0595	N V Sai Mounika Munagala	M. Mounika
35	17X41A0596	Nadalla Ramya Sri	N. Ramya Sri
36	17X41A0597	Nagothi Swaroop	N. Swaroop
37	17X41A0599	Narra Kavya Sri	N. Kavya Sri
38	17X41A05A0	Pappula Rani	P. Rani
39	17X41A05A1	Pattepurapu Jagadish Kumar	P. Jagadish
40	17X41A05A2	Pendurthi Sasi Kanth	P. Sasi Kanth
41	17X41A05A4	Priyanka Kumari Singh	P. Priyanka Singh
42	17X41A05A5	Puppala Gamani	P. Gamani
43	17X41A05A6	Ramisetty Akshaya Keerthi	R. Keerthi
44	17X41A05A7	Reddy Guru Ajay	G. Ajay
45	17X41A05A8	Medindrao Reethika	M. Reethika
46	17X41A05A9	Sali Krishna Sri	S. Krishna Sri
47	17X41A05B0	Shaik Shaheena	Sk. Shaheena
48	17X41A05B1	Shaik Shahin Taj	Sk. Shahin Taj
49	17X41A05B2	Suragani Sai Keerthana	S. Keerthana
50	17X41A05B3	Tirunagari Lakshmi Bhaskari	T. Lakshmi
51	17X41A05B4	Udumula Venu Gopal Reddy	U. Venu
52	17X41A05B5	Kotte Sai Vikas	K. Vikas
53	17HP1A0569	Surapaneni Dimple	S. Dimple
54	16H71A05G1	Sadanala Sri Ram	ABSENT
55	18X45A0510	T Venkata Lakshmi Vara Prasad	T. Vara Prasad
56	18X45A0511	Kodali Hari Krishna	K. Hari Krishna
57	18X45A0513	Shaik Nazeer	Sk. Nazeer
58	18X45A0515	Tokala Prasanna Priyanka	T. Priyanka
59	18X45A0516	Eedi Sai Teja	E. Sai Teja

Radhika  
Program Coordinator

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Department of Computer Science and Engineering

List of Students

Academic Year: 2020-2021

Year/Sem: IV/I

Name of the Program: "Android App Development Using Kotlin"

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
60	18X45A0517	Mukkavalli Naga Srinandini	M. Naga Srinandini
61	18X45A0518	Venigalla Venkata Vamsi Priya	V. Vamsi Priya

*Radhika*  
Program Coordinator

*Prate*  
HOD

*[Signature]*  
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 Department of Computer Science and Engineering

**Day - Wise Attendance Sheet**

Academic Year: 2020-2021

Course Duration: 6 days

Course Commencement Date: 14-12-2020

Time: 09.30AM to 04.30PM

Course Title: "Android App Development Using Kotlin".

S. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
1	17X41A0561	A. Bindupriya	A Bindupriya	A Bindupriya	A Bindupriya	A Bindupriya	A Bindupriya
2	17X41A0562	A.S. Lakshman	A.S. Lakshman	A.S. Lakshman	A.S. Lakshman	A.S. Lakshman	A.S. Lakshman
3	17X41A0563	B. Bhuvana	B. Bhuvana	B. Bhuvana	B. Bhuvana	B. Bhuvana	B. Bhuvana
4	17X41A0564	B. Teja	B. Teja	B. Teja	B. Teja	B. Teja	B. Teja
5	17X41A0565	B. Jaswanth	B. Jaswanth	B. Jaswanth	B. Jaswanth	B. Jaswanth	B. Jaswanth
6	17X41A0566	B. Nancy	B. Nancy	B. Nancy	B. Nancy	B. Nancy	B. Nancy
7	17X41A0567	A. Chaitanya	A. Chaitanya	A. Chaitanya	A. Chaitanya	A. Chaitanya	A. Chaitanya
8	17X41A0568	Ch. Manika	Ch. Manika	Ch. Manika	Ch. Manika	Ch. Manika	Ch. Manika
9	17X41A0569	Ch. Anurag	Ch. Anurag	Ch. Anurag	Ch. Anurag	Ch. Anurag	Ch. Anurag
10	17X41A0570	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish
11	17X41A0571	D. Akhila	D. Akhila	D. Akhila	D. Akhila	D. Akhila	D. Akhila
12	17X41A0572	E. Venkat	E. Venkat	E. Venkat	E. Venkat	E. Venkat	E. Venkat
13	17X41A0573	G. Bhargava	G. Bhargava	G. Bhargava	G. Bhargava	G. Bhargava	G. Bhargava
14	17X41A0574	G. Amani	G. Amani	G. Amani	G. Amani	G. Amani	G. Amani
15	17X41A0575	G. Kinera	G. Kinera	G. Kinera	G. Kinera	G. Kinera	G. Kinera
16	17X41A0576	G. Maneswar	G. Maneswar	G. Maneswar	G. Maneswar	G. Maneswar	G. Maneswar
17	17X41A0577	G. Teja	G. Teja	G. Teja	G. Teja	G. Teja	G. Teja
18	17X41A0578	G. Bhargava	G. Bhargava	G. Bhargava	G. Bhargava	G. Bhargava	G. Bhargava
19	17X41A0579	G. Anurag	G. Anurag	G. Anurag	G. Anurag	G. Anurag	G. Anurag
20	17X41A0580	G. Akhila	G. Akhila	G. Akhila	G. Akhila	G. Akhila	G. Akhila
21	17X41A0581	G. Manoj	G. Manoj	G. Manoj	G. Manoj	G. Manoj	G. Manoj
22	17X41A0582	J. Umakant	J. Umakant	J. Umakant	J. Umakant	J. Umakant	J. Umakant
23	17X41A0584	K. Poojasi	K. Poojasi	K. Poojasi	K. Poojasi	K. Poojasi	K. Poojasi
24	17X41A0585	K. Ajay	K. Ajay	K. Ajay	K. Ajay	K. Ajay	K. Ajay
25	17X41A0586	K. Lakshman	K. Lakshman	K. Lakshman	K. Lakshman	K. Lakshman	K. Lakshman
Program Coordinator		Radhika	Radhika	Radhika	Radhika	Radhika	Radhika

Resource Person

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Department of Computer Science and Engineering

## Day - Wise Attendance Sheet

Academic Year: 2020-2021

Course Duration: 6 days

Course Commencement Date: 14-12-2020

Time: 09.30AM to 04.30PM

Course Title: "Android App Development Using Kotlin".

S. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
26	17X41A0587	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani
27	17X41A0588	K. Teevitha	K. Teevitha	K. Teevitha	K. Teevitha	K. Teevitha	K. Teevitha
28	17X41A0589	K. Naveen	K. Naveen	K. Naveen	K. Naveen	K. Naveen	K. Naveen
29	17X41A0590	Harshitha	Harshitha	Harshitha	Harshitha	Harshitha	Harshitha
30	17X41A0591	K. Baburao	K. Baburao	K. Baburao	K. Baburao	K. Baburao	K. Baburao
31	17X41A0592	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
32	17X41A0593	M. Pranathi	M. Pranathi	M. Pranathi	M. Pranathi	M. Pranathi	M. Pranathi
33	17X41A0594	M. Rajyashree	M. Rajyashree	M. Rajyashree	M. Rajyashree	M. Rajyashree	M. Rajyashree
34	17X41A0595	M. Hounika	M. Hounika	M. Hounika	M. Hounika	M. Hounika	M. Hounika
35	17X41A0596	N. Ramya Sri	N. Ramya Sri	N. Ramya Sri	N. Ramya Sri	N. Ramya Sri	N. Ramya Sri
36	17X41A0597	N. Swaroop	N. Swaroop	N. Swaroop	N. Swaroop	N. Swaroop	N. Swaroop
37	17X41A0599	N. Kavya Sri	N. Kavya Sri	N. Kavya Sri	N. Kavya Sri	N. Kavya Sri	N. Kavya Sri
38	17X41A05A0	P. Rani	P. Rani	P. Rani	P. Rani	P. Rani	P. Rani
39	17X41A05A1	P. Jagadeesh	P. Jagadeesh	P. Jagadeesh	P. Jagadeesh	P. Jagadeesh	P. Jagadeesh
40	17X41A05A2	P. Sasikanth	P. Sasikanth	P. Sasikanth	P. Sasikanth	P. Sasikanth	P. Sasikanth
41	17X41A05A4	Priyankasingh	Priyankasingh	Priyankasingh	Priyankasingh	Priyankasingh	Priyankasingh
42	17X41A05A5	P. Gomani	P. Gomani	P. Gomani	P. Gomani	P. Gomani	P. Gomani
43	17X41A05A6	P. Keerthi	P. Keerthi	P. Keerthi	P. Keerthi	P. Keerthi	P. Keerthi
44	17X41A05A7	G. Ajay	G. Ajay	G. Ajay	G. Ajay	G. Ajay	G. Ajay
45	17X41A05A8	M. Reethika	M. Reethika	M. Reethika	M. Reethika	M. Reethika	M. Reethika
46	17X41A05A9	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna
47	17X41A05B0	Sk. Shakeena	Sk. Shakeena	Sk. Shakeena	Sk. Shakeena	Sk. Shakeena	Sk. Shakeena
48	17X41A05B1	Sk. Shahin	Sk. Shahin	Sk. Shahin	Sk. Shahin	Sk. Shahin	Sk. Shahin
49	17X41A05B2	S. Keerthana	S. Keerthana	S. Keerthana	S. Keerthana	S. Keerthana	S. Keerthana
50	17X41A05B3	P. Lakshmi	P. Lakshmi	P. Lakshmi	P. Lakshmi	P. Lakshmi	P. Lakshmi
Program Coordinator		Radhika	Radhika	Radhika	Radhika	Radhika	Radhika

Resource Person

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ENIKEPADU, VIJAYAWADA





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 Department of Computer Science and Engineering

Day - Wise Attendance Sheet

Academic Year: 2020-2021

Course Duration: 6 days

Course Commencement Date: 14-12-2020

Time: 09.30AM to 04.30PM

Course Title: "Android App Development Using Kotlin".

S. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
51	17X41A05B4	V.venu	V.venu	V.venu	V.venu	V.venu	V.venu
52	17X41A05B5	K. Vikas	K. Vikas	K. Vikas	K. Vikas	K. Vikas	K. Vikas
53	17HP1A0569	S. Dimple	S. Dimple	S. Dimple	S. Dimple	S. Dimple	S. Dimple
54	16H71A05G1	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
55	18X45A0510	T. royo Prasad	T. royo Prasad	T. royo Prasad	T. royo Prasad	T. royo Prasad	T. royo Prasad
56	18X45A0511	K. Harshitha	K. Harshitha	K. Harshitha	K. Harshitha	K. Harshitha	K. Harshitha
57	18X45A0513	SK. Nazeeb	SK. Nazeeb	SK. Nazeeb	SK. Nazeeb	SK. Nazeeb	SK. Nazeeb
58	18X45A0515	T. Priyanka	T. Priyanka	T. Priyanka	T. Priyanka	T. Priyanka	T. Priyanka
59	18X45A0516	E. Sai Teja	E. Sai Teja	E. Sai Teja	E. Sai Teja	E. Sai Teja	E. Sai Teja
60	18X45A0517	M. Nardini	Nardini	Nardini	Nardini	Nardini	Nardini
61	18X45A0518	V. Vamsi Prithvi	V. Vamsi Prithvi	V. Vamsi Prithvi	V. Vamsi Prithvi	V. Vamsi Prithvi	V. Vamsi Prithvi
Program Coordinator		Radhika	Radhika	Radhika	Radhika	Radhika	Radhika

  
 Resource Person

  
 HOD

  
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Department of Computer Science and Engineering

Date: 22-12-2020

Report

Name of the Program: **"Android App Development Using Kotlin"**.

Date: 14-12-2020 to 19-12-2020.

Timing: 09:30AM to 4:30PM

Resource Person: Dr.N. Neelima Priyanka, Associate Professor

Name of the Coordinator: Dr.A.Radhika., Associate Professor

Number of Participants: 61

The Department of CSE conducted program on **"Android App Development Using Kotlin"** addon program from 14-12-2020 to 19-12-2020 at 2<sup>nd</sup> floor, BLC-4 during 09:30AM to 4:30PM.

On the first day, program was inaugurated by the Dr.D.Haritha, HOD of CSE with a motivational talk on importance of Android Development. After the speech of HOD, the classes were conducted as per the schedule given.

On the last day of the program few aspirants gave their feedback on how the training sessions helped them in improving their App development skills. Finally, the program was concluded with a vote of thanks by student representatives.

**Objective:**

The main focus of Kotlin is on security, interoperability, tooling support and clarity of code. It is faster and needs fewer lines of codes instead of other programming languages. Kotlin is both object oriented and functional programming language.

**Outcome of Event:**

Kotlin is a modern statically typed programming language used by professional Android developers that helps boost productivity, developer satisfaction, and code safety.

*Radhika*  
Program Coordinator

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*[Signature]*  
HOD/Date 22/12/2020





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## Participation Certificate

This is to certify that Mr./Ms. BOYINA JASWANTH  
of 17X41A0565, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 14-12-2020 to 19-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

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SRK INSTITUTE OF TECHNOLOGY  
BANKERAPALLE, VIJAYAWADA

Principal  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT






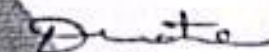
# SRK INSTITUTE OF TECHNOLOGY

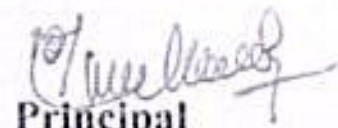
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## Participation Certificate

This is to certify that Mr./Ms. BURRA GRACE GLADYS NANCY  
of 17X41A0566, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 14-12-2020 to 19-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

  
Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

  
HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

  
Principal  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

  
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## Participation Certificate

This is to certify that Mr./Ms. GORIPARTHI KIRANMAI  
of 17X41A0579, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 14-12-2020 to 19-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT






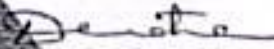
# SRK INSTITUTE OF TECHNOLOGY

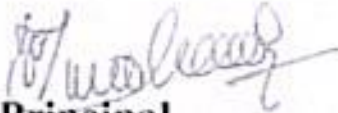
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## Participation Certificate

This is to certify that Mr./Ms. MEEGADA KRISHNA PRANATHI  
of 17X41A0593, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 14-12-2020 to 19-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

  
Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

  
HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

  
Principal  
Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

  
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Date: 10-12-2020

**CIRCULAR**

This is to inform all the students that college academic committee proposed to plan for an add on program **"ANDROID APP DEVELOPMENT USING KOTLIN"** for IV/IV B.Tech students. It is decided to conduct this program for IV/IV B.Tech students from 21-12-2020 to 26-12-2020 with duration 6 days. The resource person is Dr.N.Neelima Priyanka, Associate Professor, Department of CSE, SRKIT. The syllabus and the schedule are displayed on the notice board. The program coordinator is Dr. A.Radhika, Associate Professor, Department of CSE,SRKIT.. The interested students are requested to register their names on or before 14-12-2020.

*[Signature]*  
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Circulated to: All HODs

*[Signature]*  
ECE/EEE

*[Signature]*  
B@comp  
I/CMA

*[Signature]*  
S/H

*[Signature]*  
CE

*[Signature]*  
ME  
Ibm  
IT

*[Signature]*  
D. Anita  
CSE/IT

*[Signature]*  
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Certificate of Participation

Dr N Neelima Priyanka

Has participated in the Android Development with Kotlin  
Train-the-Trainer program from August 31 - September 5, 2020

Signing Authority

Google Developers

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Department of Computer Science and Engineering

4-12-2020

**SYLLABUS**  
**ANDROID APP DEVELOPMENT USING KOTLIN**

- Getting Started with Android Apps Using Kotlin
  - Introduction to Kotlin
  - Functions
  - Using Classes and Objects in Kotlin
- Exploring Android App structure
  - Activity, User Interface and Views
  - Designing Layout and Handle Events
  - Navigating between Activities
  - Share Data using Explicit and Implicit Intent
- Implementing Lists and Kotlin Classes
  - Introduction to RecyclerView and CardView
  - Adding RecyclerView and CardView
  - Creating Adapter Class
  - Link RecyclerView and Custom Adapter
- Leverage the power of Kotlin
  - Code Cleanup
  - Implementing Extension Function
  - Using Default Parameters
  - Using Companion Object and Object Declaration
- Finishing touches and styling our App
  - Updating App Launcher Icon
  - Styling App: Material Design Colors
  - Styling App: Applying Themes

*Deeta*

*Rudra*

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Department of Computer Science and Engineering

Date: 15-12-2020

**SCHEDULE**

**Android Apps Using Kotlin**

Day	Topic	Timing
DAY 1	Getting Started with Android Apps Using Kotlin <ul style="list-style-type: none"><li>• Introduction to Kotlin</li><li>• Functions</li><li>• Using Classes and Objects in Kotlin</li></ul>	09.30AM to 04.30PM
DAY 2	Exploring Android App structure <ul style="list-style-type: none"><li>• Activity, User Interface and Views</li><li>• Designing Layout and Handle Events</li><li>• Navigating between Activities</li><li>• Share Data using Explicit and Implicit Intent</li></ul>	09.30AM to 04.30PM
DAY 3	Implementing Lists and Kotlin Classes <ul style="list-style-type: none"><li>• Introduction to RecyclerView and CardView</li><li>• Adding RecyclerView and CardView</li><li>• Creating Adapter Class</li><li>• Link RecyclerView and Custom Adapter</li></ul>	09.30AM to 04.30PM
DAY 4	Leverage the power of Kotlin <ul style="list-style-type: none"><li>• Code Cleanup</li><li>• Implementing Extension Function</li><li>• Using Default Parameters</li><li>• Using Companion Object and Object Declaration</li></ul>	09.30AM to 04.30PM
DAY 5	Finishing touches and styling our App <ul style="list-style-type: none"><li>• Updating App Launcher Icon</li><li>• Styling App: Material Design Colors</li><li>• Styling App: Applying Themes</li></ul>	09.30AM to 04.30PM
DAY 6	Test the App and Publish in play store	09.30AM to 04.30PM

Venue: BLC -4,2<sup>nd</sup> Floor

*Radhika*  
Program Coordinator

Copy to: Notice Board

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ENIKEPADU, VIJAYAWADA

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Department of Computer Science and Engineering

List of Students

Academic Year: 2020-2021

Year/Sem: IV/I

Name of the Program: "Android App Development Using Kotlin"

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
1	17X41A0501	Adireddy Taruni Renuka	Renuka-A
2	17X41A0502	Akkem Hema Bhargavi	Hema bhargavi
3	17X41A0504	Allamsetti Harika	A-Harika
4	17X41A0505	Ambati Sai Krishna	A-saikrishna
5	17X41A0507	Bale Balram	B. Balram
6	17X41A0508	Bitra Narasimha Murthy	B.N. Murthy
7	17X41A0510	Bommu Hima Sri	B. Hima Sri
8	17X41A0511	Chandana Divya Vani	C. Divyavani
9	17X41A0512	Chinta Rama Gopi	C. Rama Gopi
10	17X41A0513	Chitturi Hari Vamsi	C. hari vamsi
11	17X41A0514	Dandamudi Sai Jahnavi	D. Sai Jahnavi
12	17X41A0515	Devineni Jyosthna	D. Jyosthna
13	17X41A0516	G.Priya Vaibhavi Sri Shivani	G. Priya
14	17X41A0517	Gajulapalli Vineela	G. Vineela
15	17X41A0518	Ganugapenta Sai Kiran	G. Saikiran
16	17X41A0519	Ghantasala Lakshmi Krishna Sri	G. Lakshmi Sri
17	17X41A0520	Gubbala Sowmya Sree Devi	G. Sree devi
18	17X41A0522	Janyavula Durga Rani	J. Durga Rani
19	17X41A0523	Kambham Rahul Chandra	K. Rahul chandra
20	17X41A0524	Kamineni Jayanth Kumar	K. Jayanth Kumar
21	17X41A0525	Katta Sri Hari	K. Sri Hari
22	17X41A0526	Sai Sriya Kaza	Sai Sriya
23	17X41A0527	Kondisetti Siva Sai Babu	K. Siva Sai
24	17X41A0528	Kornani Sri Ramya	K. Sri Ramya
25	17X41A0530	Lanke Manohari	L. Manohari
26	17X41A0531	Madu Baby Abhinayana	Abhinayana
27	17X41A0532	Nafeesa Kouser	Nafeesa.k
28	17X41A0533	Nandigam Manvitha	N. Manvitha
29	17X41A0534	Neela Mary Mansi	Mansi
30	17X41A0535	Omni Chinna Raja Yadav	Rajayadav

Rachina  
Program Coordinator

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Department of Computer Science and Engineering

List of Students

Academic Year: 2020-2021

Year/Sem: IV/I

Name of the Program: "Android App Development Using Kotlin"

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
31	17X41A0536	Orusu Naga Venkatesh	O. Naga Venkatesh.
32	17X41A0537	Pedasanaganti Aparna	Aparna.P
33	17X41A0538	Penumala Gayathri	P. Gayathri
34	17X41A0539	Ponamala Kanakadurga	P. Kanakadurga
35	17X41A0540	Ponugumati Likhita	P. Likhita .
36	17X41A0541	Purimitla Naveen	P. naveen
37	17X41A0542	Raavi Sai Krishana Phani	Sai Krishna Phani
38	17X41A0543	Rajamahedravarapu Naga Leela	R. Naga Leela
39	17X41A0544	Ramanukolanu Jagadeeswar	Jagadeesh.
40	17X41A0545	Ranga Naga Rajasekhar	R.N. Rajasekhar
41	17X41A0546	Rayala Supriya	R. Supriya.
42	17X41A0547	Sayala Sai Sony	Sony .
43	17X41A0548	Shaik Jeharabi	Sh. Jeharabi
44	17X41A0550	Shaik Sazid	Sh. Sazid.
45	17X41A0551	Sunkara Naveensai	S. Naveensai
46	17X41A0552	Syed Ahamed Kabir Rifae	Sd. Ahamed Kabir Rifae.
47	17X41A0553	T.V.N.Chandra Nikhitha	Nikhitha
48	17X41A0555	Tarakaturi Vinay Paul	T. Vinay Paul
49	17X41A0556	Tati Sri Venkateswara Rao	T. Venkateswara Rao
50	17X41A0557	Thota Dileep Sai Charan	T. Dileep Sai
51	17X41A0558	Vellanki Yashwanth	V. Yashwanth
52	17X41A0559	Venigalla Chandra Lekha	chandra lekha.
53	17X41A0560	Yalamanchili Navya Sri	Y. Navya Sri
54	18X45A0501	Vasadi Anitha	V. Anitha
55	18X45A0504	Lanka Durga Bhavani	L. D. B.
56	18X45A0505	Kona Sai Sirisha	K. Sai Sirisha .
57	18X45A0506	Routhu Rajeswari	R. Rajeswari
58	18X45A0507	Taraka Rama Adapa	A. Taraka Rama .

Radhica  
Program Coordinator

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Department of Computer Science and Engineering

List of Students

Academic Year: 2020-2021

Year/Sem: IV/I

Name of the Program: "Android App Development Using Kotlin"

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
59	18X45A0508	K Venu Gopala Swamy	Gopala swamy
60	18X45A0509	Gujjara Sai Kiran	G. Sai Kiran

*Radhika*  
Program Coordinator

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*[Signature]*  
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 (ISO 9001:2015 Certified Institution)  
 Department of Computer Science and Engineering

Day - Wise Attendance Sheet

Academic Year: 2020-2021

Course Duration: 6 days

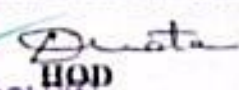
Course Commencement Date: 21-12-2020

Time: 09.30AM to 04.30PM

Course Title: "Android App Development Using Kotlin".

S. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
1	17X41A0501	Renuka.A	Renuka.A	Renuka.A	Renuka.A	Renuka.A	Renuka.A
2	17X41A0502	bhargavi	bhargavi	bhargavi	bhargavi	bhargavi	bhargavi
3	17X41A0504	A.Harika	A.Harika	A.Harika	A.Harika	A.Harika	A.Harika
4	17X41A0505	A.Saikrishna	A.Saikrishna	A.Saikrishna	A.Saikrishna	A.Saikrishna	A.Saikrishna
5	17X41A0507	B.Balram	B.Balram	B.Balram	B.Balram	B.Balram	B.Balram
6	17X41A0508	B.N. Murthy	B.N. Murthy	B.N. Murthy	B.N. Murthy	B.N. Murthy	B.N. Murthy
7	17X41A0510	B. Hema	B. Hema	B. Hema	B. Hema	B. Hema	B. Hema
8	17X41A0511	C. Dnyavan.	C. Dnyavan.	C. Dnyavan.	C. Dnyavan.	C. Dnyavan.	C. Dnyavan.
9	17X41A0512	C. Rama Gopi	C. Rama Gopi	C. Rama Gopi	C. Rama Gopi	C. Rama Gopi	C. Rama Gopi
10	17X41A0513	C. Hari Vams	C. Hari Vams	C. Hari Vams	C. Hari Vams	C. Hari Vams	C. Hari Vams
11	17X41A0514	D. Sai Jahnvi	D. Sai Jahnvi	D. Sai Jahnvi	D. Sai Jahnvi	D. Sai Jahnvi	D. Sai Jahnvi
12	17X41A0515	D. Jyashtra	D. Jyashtra	D. Jyashtra	D. Jyashtra	D. Jyashtra	D. Jyashtra
13	17X41A0516	G. Priya	G. Priya	G. Priya	G. Priya	G. Priya	G. Priya
14	17X41A0517	G. Vinod	G. Vinod	G. Vinod	G. Vinod	G. Vinod	G. Vinod
15	17X41A0518	G. Sakran	G. Sakran	G. Sakran	G. Sakran	G. Sakran	G. Sakran
16	17X41A0519	G. L. Krishna Sri	G. L. Krishna Sri	G. L. Krishna Sri	G. L. Krishna Sri	G. L. Krishna Sri	G. L. Krishna Sri
17	17X41A0520	G. Sreedevi	G. Sreedevi	G. Sreedevi	G. Sreedevi	G. Sreedevi	G. Sreedevi
18	17X41A0522	J. Durgarani	J. Durgarani	J. Durgarani	J. Durgarani	J. Durgarani	J. Durgarani
19	17X41A0523	K. Rahul chand	K. Rahul chand	K. Rahul chand	K. Rahul chand	K. Rahul chand	K. Rahul chand
20	17X41A0524	K. Jayanth Kumar	K. Jayanth Kumar	K. Jayanth Kumar	K. Jayanth Kumar	K. Jayanth Kumar	K. Jayanth Kumar
21	17X41A0525	K. Sri Hari	K. Sri Hari	K. Sri Hari	K. Sri Hari	K. Sri Hari	K. Sri Hari
22	17X41A0526	Sai Sriya	Sai Sriya	Sai Sriya	Sai Sriya	Sai Sriya	Sai Sriya
23	17X41A0527	Siva Sai	Siva Sai	Siva Sai	Siva Sai	Siva Sai	Siva Sai
24	17X41A0528	K. Sri Parvathi	K. Sri Parvathi	K. Sri Parvathi	K. Sri Parvathi	K. Sri Parvathi	K. Sri Parvathi
25	17X41A0530	L. Manohari	L. Manohari	L. Manohari	L. Manohari	L. Manohari	L. Manohari
Program Coordinator		Radhika	Radhika	Radhika	Radhika	Radhika	Radhika

Resource Person

  
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Enikepadu, Vijayawada 521108

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Department of Computer Science and Engineering

## Day - Wise Attendance Sheet

Academic Year: 2020-2021

Course Duration: 6 days

Course Commencement Date: 21-12-2020

Time: 09.30AM to 04.30PM

Course Title: "Android App Development Using Kotlin".

S. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
26	17X41A0531	Abhinayana	Abhinayana	Abhinayana	Abhinayana	Abhinayana	Abhinayana
27	17X41A0532	Nafeesa.K	Nafeesa.K	Nafeesa.K	Nafeesa.K	Nafeesa.K	Nafeesa.K
28	17X41A0533	Manvitha	Manvitha	Manvitha	Manvitha	Manvitha	Manvitha
29	17X41A0534	Mami	Mami	Mami	Mami	Mami	Mami
30	17X41A0535	Raja	Raja	Raja	Raja	Raja	Raja
31	17X41A0536	O.N.Venkatesh	O.N.Venkatesh	O.N.Venkatesh	O.N.Venkatesh	O.N.Venkatesh	O.N.Venkatesh
32	17X41A0537	Aparna.P	Aparna.P	Aparna.P	Aparna.P	Aparna.P	Aparna.P
33	17X41A0538	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
34	17X41A0539	P.Kanaka	P.Kanaka	P.Kanaka	P.Kanaka	P.Kanaka	P.Kanaka
35	17X41A0540	PLikhita	PLikhita	PLikhita	PLikhita	PLikhita	P.Likhita
36	17X41A0541	P.Naveen	P.Naveen	P.Naveen	P.Naveen	P.Naveen	P.Naveen
37	17X41A0542	Phani	Phani	Phani	Phani	Phani	Phani
38	17X41A0543	R.Naga leela	R.Naga leela	R.Naga leela	R.Naga leela	R.Naga leela	R.Naga leela
39	17X41A0544	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
40	17X41A0545	R.N.Rajasekh	R.N.Rajasekh	R.N.Rajasekh	R.N.Rajasekh	R.N.Rajasekh	R.N.Rajasekh
41	17X41A0546	R.Superiya	R.Superiya	R.Superiya	R.Superiya	R.Superiya	R.Superiya
42	17X41A0547	Sony	Sony	Sony	Sony	Sony	Sony
43	17X41A0548	Sk.Jeharabi	Sk.Jeharabi	Sk.Jeharabi	Sk.Jeharabi	Sk.Jeharabi	Sk.Jeharabi
44	17X41A0550	Sk.Sazid	Sk.Sazid	Sk.Sazid	Sk.Sazid	Sk.Sazid	Sk.Sazid
45	17X41A0551	S.Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
46	17X41A0552	sd.Kabir	sd.Kabir	sd.Kabir	sd.Kabir	sd.Kabir	sd.Kabir
47	17X41A0553	Nikitha	Nikitha	Nikitha	Nikitha	Nikitha	Nikitha
48	17X41A0555	T.vinay Paul	T.vinay Paul	T.vinay Paul	T.vinay Paul	T.vinay Paul	T.vinay Paul
49	17X41A0556	T.Venkatesh	T.Venkatesh	T.Venkatesh	T.Venkatesh	T.Venkatesh	T.Venkatesh
50	17X41A0557	T.Dileep Sai	T.Dileep Sai	T.Dileep Sai	T.Dileep Sai	T.Dileep Sai	T.Dileep Sai
Program Coordinator		Radhika	Radhika	Radhika	Radhika	Radhika	Radhika

Resource Person

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 Department of Computer Science and Engineering

Day - Wise Attendance Sheet

Academic Year: 2020-2021

Course Duration: 6 days


Course Commencement Date: 21-12-2020

Time: 09.30AM to 04.30PM

Course Title: "Android App Development Using Kotlin".

S. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
51	17X41A0558	V. Yashwanth	V. Yashwanth	V. Yashwanth	V. Yashwanth	V. Yashwanth	V. Yashwanth
52	17X41A0559	Chandrea	chandra	Chandra	chandra	chandra	chandra
53	17X41A0560	Y. Nanyasri	Y. Nanyasri	Y. Nanyasri	Y. Nanyasri	Y. Nanyasri	Y. Nanyasri
54	18X45A0501	V. Anitha	V. Anitha	V. Anitha	V. Anitha	V. Anitha	V. Anitha
55	18X45A0504	L. Buj.	L. Buj.	L. Buj.	L. Buj.	L. Buj.	L. Buj.
56	18X45A0505	K. Sai Sirisha	K. Sai Sirisha	K. Sai Sirisha	K. Sai Sirisha	K. Sai Sirisha	K. Sai Sirisha
57	18X45A0506	R. Rajeswari	R. Rajeswari	R. Rajeswari	R. Rajeswari	R. Rajeswari	R. Rajeswari
58	18X45A0507	A. Taraka Rama	A. Taraka Rama	A. Taraka Rama	A. Taraka Rama	A. Taraka Rama	A. Taraka Rama
59	18X45A0508	Gopaleswari	Gopaleswari	Gopaleswari	Gopaleswari	Gopaleswari	Gopaleswari
60	18X45A0509	G. Chaitran	G. Chaitran	G. Chaitran	G. Chaitran	G. Chaitran	G. Chaitran
Program Coordinator		Radhika	Radhika	Radhika	Radhika	Radhika	Radhika

  
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Department of Computer Science and Engineering

Date: 28-12-2020

Report

Name of the Program: **"Android App Development Using Kotlin"**.

Date: 21-12-2020 to 26-12-2020..

Timing: 09:30AM to 4:30PM

Resource Person: Dr.N. Neelima Priyanka, Associate Professor

Name of the Coordinator: Dr.A.Radhika., Associate Professor

Number of Participants: 60

The Department of CSE conducted program on **"Android App Development Using Kotlin"** add-on program from 21-12-2020 to 26-12-2020 at 2<sup>nd</sup> floor, BLC-4 during 09:30AM to 4:30PM.

On the first day, program was inaugurated by the Dr.D.Haritha, HOD of CSE with a motivational talk on importance of Android Development. After the speech of HOD, the classes were conducted as per the schedule given.

On the last day of the program few aspirants gave their feedback on how the training sessions helped them in improving their App development skills. Finally, the program was concluded with a vote of thanks by student representatives.

**Objective:**

The main focus of Kotlin is on security, interoperability, tooling support and clarity of code. It is faster and needs fewer lines of codes instead of other programming languages. Kotlin is both object oriented and functional programming language.

**Outcome of Event:**

Kotlin is a modern statically typed programming language used by professional Android developers that helps boost productivity, developer satisfaction, and code safety.

*Radhika*  
Program Coordinator

*Devi*  
HOD/Date 28/12/2020  
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## Participation Certificate

This is to certify that Mr./Ms. ADIREDDY TARUNI RENUKA  
of 17X41A0501, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 21-12-2020 to 26-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT





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## Participation Certificate

This is to certify that Mr./Ms. G.PRIYA VAIBHAVI SRI SHIVANI  
of 17X41A0516, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 21-12-2020 to 26-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

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## Participation Certificate

This is to certify that Mr./Ms. KAMBHAM RAHUL CHANDRA  
of 17X4IA0523, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 21-12-2020 to 26-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr. D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT  
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## Participation Certificate

This is to certify that Mr./Ms. SHAIK JE HARABI  
of 17X41A0548, IV CSE has Participated in add on  
programme "Android App Development Using Kotlin" held from 21-12-2020 to 26-12-2020  
conducted by the Department of Computer Science & Engineering, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT





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Date: 27-11-2020

**CIRCULAR**

The following faculty members are requested to attend the meeting in MCA LAB to discuss and frame the syllabus for an add-on program "Android Studio App Development with Kotlin".

S.No	Faculty Name	Designation	Signature
1	Dr.D.Haritha	Professor, HOD	
2	Dr.N.Neelima Priyanka	Assocaite Professor	
3	Ms M. Anitha	Assistant Professor	
4	Mr. E. Naga Raju	Assistant Professor	

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Department of Master of Computer of Applications

## SYLLABUS

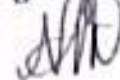
**Name of the Program: Skill Android Studio App Development with Kotlin**

- Getting Started with Android Apps Using Kotlin
  - Introduction to Kotlin
  - Functions
  - Using Classes and Objects in Kotlin
- Exploring Android App structure
  - Activity, User Interface and Views
  - Designing Layout and Handle Events
  - Navigating between Activities
  - Share Data using Explicit and Implicit Intent
- Implementing Lists and Kotlin Classes
  - Introduction to RecyclerView and CardView
  - Adding RecyclerView and CardView
  - Creating Adapter Class
  - Link RecyclerView and Custom Adapter
- Leverage the power of Kotlin
  - Code Cleanup
  - Implementing Extension Function
  - Using Default Parameters
  - Using Companion Object and Object Declaration
- Finishing touches and styling our App
  - Updating App Launcher Icon
  - Styling App: Material Design Colors
  - Styling App: Applying Themes

  
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S.No.	Name of the Resource Person	Designation
1	Dr. N. Neelima Priyanka	Associate Professor

Signature



  
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Date: 18-01-2021

CIRCULAR

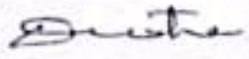
All the III MCA Students are hereby informed that Department of Master of Computer Applications is conducting an Add-on Certificate Program titled "Android Studio App Development with Kotlin." The resource person is Dr. N. Neelima Priyanka, Associate Professor, Department of Computer Science and Engineering, SRKIT. The program will commence on 25/01/2021 and will conclude on 30/01/2021. The details of the program are displayed in the notice board. Interested students can meet Mr. E. Nagaraju, Assistant Professor, Department of Master of Computer Applications, and enroll their names on or before 23/01/2021

Venue: APSSDC Lab

  
Principal

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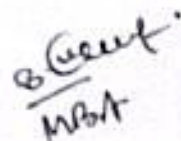
All HODs

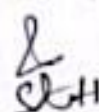
  
CSE&MCA

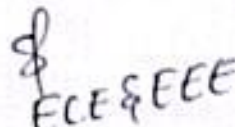
  
CIT


  
ME

  
CE

  
MBA

  
SH

  
ECE&EEE

  
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Department of Master of Computer of Applications

### PROGRAM SCHEDULE

Name of the Program: Android Studio App Development with Kotlin

S. No.	Schedule	Time
<b>25/01/2021</b>		
1	Inauguration of the program	9:30AM to 10:30AM
2	Session - I	10:30AM to 12:30PM
3	Session - II	01:30PM to 04:30PM
<b>27/01/2021</b>		
4	Session - III	9:30AM to 12:30PM
5	Session - IV	01:30PM to 04:30PM
<b>28/01/2021</b>		
6	Session - V	9:30AM to 12:30PM
7	Session - VI	01:30PM to 04:30PM
<b>29/01/2021</b>		
8	Session - VII	9:30AM to 12:30PM
9	Session - VIII	01:30PM to 04:30PM
<b>30/01/2021</b>		
10	Session - IX	9:30AM to 12:30PM
11	Session - X	01:30PM to 04:30PM

**Lunch Time: 12:30PM to 1:30PM**

S.No.	Name of the Resource Person	Designation	Signature
1	Dr. N. Neelima Priyanka	Associate Professor	

E. Naga Rani  
Program Coordinator

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Department of Master of Computer Applications

**LIST OF STUDENTS ENROLLED**

Academic Year: 2020-21

Commencement Date: 25-01-2021

Program Title: "Android Studio App Development with Kotlin"

S.No.	Roll Number	Student Name	Signature
1	18X41F0001	GUNDIMEDA REVATHI	G. Revathi
2	18X41F0002	KONDABOYINA MANIKANTA	K. Manikanta
3	18X41F0003	KOTA YASUSHIMA	K. Yasushima
4	18X41F0004	MAGULURI MANI DEEPIKA	M. Deepika
5	18X41F0005	MAKANI VENUSRI	M. Venusri
6	18X41F0006	VAMKAYALAPATI SWATHI	V. Swathi
7	19X45F0001	KALARI SAI NAVEENA	K. Sai Naveena
8	19X45F0002	MULLAMREDDY RAVINDRA REDDY	R. Reddy
9	19X45F0003	CHANDIKA VINAYA MOUNIKA	Ch. mounika
10	19X45F0004	YENUMULA PAVANI	Y. Pavani
11	19X45F0005	PASUPULETI SAI LATHA	P. Sai Latha
12	19X45F0006	BUDIPUTI TILOTHAMA	B. Tilothama
13	19X45F0007	CHITTA HARSHA VARDHAN	C. Harsha vardhan
14	19X45F0009	NEELAM SUNEETHA	N. Sunetha
15	19X45F0011	MALLISETTI SAI VAMSI	M. Sai Vamsi
16	19X45F0014	CHIMATA DEEPTHI	C. Deepthi
17	19X45F0015	GARIMIDI DHANA LAKSHMI	G. D. Lakshmi
18	19X45F0016	PARVATHANENI SOWMYA	P. Sowmya

*E. Nagaraj*  
Program Coordinator

*S. S. S. S.*  
HOD - MCA

Page 1 of 1  
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**DAY-WISE ATTENDANCE REPORT**

Academic Year: 2020-21

Commencement Date: 25-01-2021

Program Duration: 25/01/2021 to 30/01/2021

Program Title: "Android Studio App Development with Kotlin"

S.NO	ROLL NO	25/01/2021		27/01/2021		28/01/2021		29/01/2021		30/01/2021	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	18X41F0001	G. Rakesh	G. Rakesh	G. Rakesh	G. Rakesh	G. Rakesh	G. Rakesh	G. Rakesh	G. Rakesh	G. Rakesh	G. Rakesh
2	18X41F0002	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta	K. Mani Kanta
3	18X41F0003	K. Vishwanath	K. Vishwanath	K. Vishwanath	K. Vishwanath	K. Vishwanath	K. Vishwanath	K. Vishwanath	K. Vishwanath	K. Vishwanath	K. Vishwanath
4	18X41F0004	Y. Pavan	Y. Pavan	Y. Pavan	Y. Pavan	Y. Pavan	Y. Pavan	Y. Pavan	Y. Pavan	Y. Pavan	Y. Pavan
5	18X41F0005	M. Venugopal	M. Venugopal	M. Venugopal	M. Venugopal	M. Venugopal	M. Venugopal	M. Venugopal	M. Venugopal	M. Venugopal	M. Venugopal
6	18X41F0006	V. Swathi	V. Swathi	V. Swathi	V. Swathi	V. Swathi	V. Swathi	V. Swathi	V. Swathi	V. Swathi	V. Swathi
7	19X45F0001	K. Shoban	K. Shoban	K. Shoban	K. Shoban	K. Shoban	K. Shoban	K. Shoban	K. Shoban	K. Shoban	K. Shoban
8	19X45F0002	R. Reddy	R. Reddy	R. Reddy	R. Reddy	R. Reddy	R. Reddy	R. Reddy	R. Reddy	R. Reddy	R. Reddy
9	19X45F0003	Ch. Mani	Ch. Mani	Ch. Mani	Ch. Mani	Ch. Mani	Ch. Mani	Ch. Mani	Ch. Mani	Ch. Mani	Ch. Mani
10	19X45F0004	M. Deepika	M. Deepika	M. Deepika	M. Deepika	M. Deepika	M. Deepika	M. Deepika	M. Deepika	M. Deepika	M. Deepika
11	19X45F0005	P. Latha	P. Latha	P. Latha	P. Latha	P. Latha	P. Latha	P. Latha	P. Latha	P. Latha	P. Latha
12	19X45F0006	B. Tilotha	B. Tilotha	B. Tilotha	B. Tilotha	B. Tilotha	B. Tilotha	B. Tilotha	B. Tilotha	B. Tilotha	B. Tilotha
13	19X45F0007	C. Harsha	C. Harsha	C. Harsha	C. Harsha	C. Harsha	C. Harsha	C. Harsha	C. Harsha	C. Harsha	C. Harsha
14	19X45F0009	N. Suresh	N. Suresh	N. Suresh	N. Suresh	N. Suresh	N. Suresh	N. Suresh	N. Suresh	N. Suresh	N. Suresh
15	19X45F0011	M. Saksham	M. Saksham	M. Saksham	M. Saksham	M. Saksham	M. Saksham	M. Saksham	M. Saksham	M. Saksham	M. Saksham
16	19X45F0014	C. Deepthi	C. Deepthi	C. Deepthi	C. Deepthi	C. Deepthi	C. Deepthi	C. Deepthi	C. Deepthi	C. Deepthi	C. Deepthi
17	19X45F0015	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi	G. D. Lakshmi
18	19X45F0016	P. Sri	P. Sri	P. Sri	P. Sri	P. Sri	P. Sri	P. Sri	P. Sri	P. Sri	P. Sri
Coordinator Sign		E. Nagaraj		E. Nagaraj		E. Nagaraj		E. Nagaraj		E. Nagaraj	

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(ISO 9001:2015 Certified Institution)  
Department of Master of Computer of Applications

Date: 02-01-2022

**Program Report**

**Name of the Event: An Add-on Certificate program on "Android Studio App Development with Kotlin."**

**Program Commenced on: 25-01-2021**

**Duration: 36 Hours**

**Program concluded on: 30-01-2021**

**Resource Persons:**

1. Dr. N. Neelima Priyanka, Associate Professor, Department of Computer Science & Engineering, SRKIT. Email: [priyanka.nutulapati@gmail.com](mailto:priyanka.nutulapati@gmail.com) Mobile: 9985838950

**Name of Coordinator: Mr. E. Naga Raju**, Assistant Professor, Department of Master of Computer Applications, SRKIT.

**Number of students certified/enrolled: 18/18**

**Objective of the Program:**

The main focus of Kotlin is on security, interoperability, tooling support and clarity of code. It is faster and needs fewer lines of codes instead of other programming languages. Kotlin is both object oriented and functional programming language.

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**Topics Covered:**

Day	Topic	Timing
DAY 1	Getting Started with Android Apps Using Kotlin <ul style="list-style-type: none"><li>• Introduction to Kotlin</li><li>• Functions</li><li>• Using Classes and Objects in Kotlin</li></ul>	09.30AM to 04.30PM
DAY 2	Exploring Android App structure <ul style="list-style-type: none"><li>• Activity, User Interface and Views</li><li>• Designing Layout and Handle Events</li><li>• Navigating between Activities</li><li>• Share Data using Explicit and Implicit Intent</li></ul>	09.30AM to 04.30PM
DAY 3	Implementing Lists and Kotlin Classes <ul style="list-style-type: none"><li>• Introduction to RecyclerView and CardView</li><li>• Adding RecyclerView and CardView</li><li>• Creating Adapter Class</li><li>• Link RecyclerView and Custom Adapter</li></ul>	09.30AM to 04.30PM
DAY 4	Leverage the power of Kotlin <ul style="list-style-type: none"><li>• Code Cleanup</li><li>• Implementing Extension Function</li><li>• Using Default Parameters</li><li>• Using Companion Object and Object Declaration</li></ul>	09.30AM to 04.30PM
DAY 5	Finishing touches and styling our App <ul style="list-style-type: none"><li>• Updating App Launcher Icon</li><li>• Styling App: Material Design Colors</li><li>• Styling App: Applying Themes</li></ul> <p>Test the App and Publish in play store</p>	09.30AM to 04.30PM

**Outcome of Event:**

Kotlin is a modern statically typed programming language used by professional Android developers that helps boost productivity, developer satisfaction, and code safety.

*E. Naga Raju*  
Program Coordinator

*Dr. Anita*  
HOD  
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## Participation Certificate

This is to certify that Mr./Ms. Yenamula Pavani  
of 3<sup>rd</sup> MCA has Participated in add on  
programme "Android App Development Using Kotlin" held from 25-01-2021 to 30-01-2021  
conducted by the Department of Master of Computer Applications, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT





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## Participation Certificate

This is to certify that Mr./Ms. Mullamreddy. Ravindra Reddy  
of 3<sup>rd</sup> MCA has Participated in add on  
programme "Android App Development Using Kotlin" held from 25-01-2021 to 30-01-2021  
conducted by the Department of Master of Computer Applications, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

MoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

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## Participation Certificate

This is to certify that Mr./Ms. Kalari Sai Naveena  
of 3<sup>rd</sup> MCA has Participated in add on  
programme "Android App Development Using Kotlin" held from 25-01-2021 to 30-01-2021  
conducted by the Department of Master of Computer Applications, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

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Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

Principal  
Dr. M Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT





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## Participation Certificate

This is to certify that Mr./Ms. Vamkayalapati Swathi  
of 3<sup>rd</sup> MCA has Participated in add on  
programme "Android App Development Using Kotlin" held from 25-01-2021 to 30-01-2021  
conducted by the Department of Master of Computer Applications, SRKIT-Vijayawada.

Resource Person  
Dr. N. Neelima Priyanka,  
Associate Professor  
Dept of CSE, SRKIT

HoD  
Dr D. Haritha,  
Professor  
Dept of CSE, SRKIT

Principal  
Dr. M. Ekambaram Naidu  
Professor,  
Dept of CSE, SRKIT

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 23-05-2021

**CIRCULAR**

The following Faculty members are informed to attend the meeting at IT Dept Lab on **25-05-2021** at 2:00 PM to discuss and frame curriculum and Day wise schedule for the Add-on certificate program on "AWS Academy Graduate-AWS Academy Cloud Foundations"

S.No	Faculty Name	Designation	Signature
1.	Mr.M.Ram Bhupal	HOD, IT	
2.	Mr.G.D.K.Kishore	Assistant Professor, IT	
3.	Mrs.G.Sri Lakshmi	Assistant Professor, IT	
4.	Mrs.A.V.P.Sarvari	Assistant Professor, ECE	
5.	Mrs.A.Vedasri	Assistant Professor, IT	

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**SYLLABUS**

Name of the Program: "AWS Academy Graduate-AWS Academy Cloud Foundations".

SESSION	TOPICS OF STUDY	DURATION
Session - I	<b>Cloud Concepts Overview</b> <ul style="list-style-type: none"><li>➤ Introduction to cloud computing</li><li>➤ Advantages of cloud computing</li><li>➤ Introduction to Amazon Web Services (AWS)</li><li>➤ Moving to the AWS Cloud – The AWS Cloud Adoption Framework (AWS CAF)</li></ul>	3hrs
Session - II	<b>Cloud Economics and Billing</b> <ul style="list-style-type: none"><li>➤ Fundamentals of pricing</li><li>➤ Total Cost of Ownership</li><li>➤ Billing</li><li>➤ Technical support</li></ul>	3hrs
Session - III	<b>AWS Global Infrastructure Overview</b> <ul style="list-style-type: none"><li>➤ AWS Global Infrastructure</li><li>➤ AWS services and service category overview</li></ul>	3hrs
Session - IV	<b>AWS Cloud Security</b> <ul style="list-style-type: none"><li>➤ AWS shared responsibility model</li><li>➤ AWS Identity and Access Management (IAM)</li><li>➤ Securing a new AWS account</li><li>➤ Securing accounts</li><li>➤ Securing data on AWS</li><li>➤ Working to ensure compliance</li></ul>	3hrs
Session - V	<b>Networking and Content Delivery</b> <ul style="list-style-type: none"><li>➤ Networking basics</li><li>➤ Amazon VPC</li><li>➤ VPC networking</li><li>➤ VPC security</li><li>➤ Amazon Route 53</li><li>➤ Amazon Cloud Front</li></ul>	3hrs
Session - VI	<b>Compute</b> <ul style="list-style-type: none"><li>➤ Compute services overview Amazon EC2</li><li>➤ Amazon EC2 cost optimization</li></ul>	3hrs

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	<ul style="list-style-type: none"><li>➤ Container services</li><li>➤ Introduction to AWS Lambda</li><li>➤ Introduction to AWS Elastic Beanstalk</li></ul>	
<b>Session - VII</b>	<b>Storage</b> <ul style="list-style-type: none"><li>➤ Amazon Elastic Block Store (Amazon EBS)</li><li>➤ Amazon Simple Storage Service (Amazon S3)</li><li>➤ Amazon Elastic File System (Amazon EFS)</li><li>➤ Amazon Simple Storage Service Glacier</li></ul>	3hrs
<b>Session - VIII</b>	<b>Databases</b> <ul style="list-style-type: none"><li>➤ Amazon Relational Database Service (Amazon RDS)</li><li>➤ Amazon DynamoDB</li><li>➤ Amazon Redshift</li><li>➤ Amazon Aurora</li></ul>	3hrs
<b>Session - IX</b>	<b>Cloud Architecture</b> <ul style="list-style-type: none"><li>➤ Amazon Relational Database Service (Amazon RDS)</li><li>➤ Amazon DynamoDB</li><li>➤ Amazon Redshift</li><li>➤ Amazon Aurora</li></ul>	3hrs
<b>Session - X</b>	<b>Automatic Scaling and Monitoring</b> <ul style="list-style-type: none"><li>➤ Elastic Load Balancing</li><li>➤ Amazon Cloud Watch</li></ul>	3hrs
<b>Session - XI</b>	<ul style="list-style-type: none"><li>➤ Amazon EC2 Auto Scaling</li></ul> <p>Interaction with Resource Person</p>	3hrs

Resource Person

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Date: 01-06-2021

**CIRCULAR**

This is to inform to all IV B.Tech II Semester students that Dept of IT is conducting an Add-on Certificate Program titled "AWS Academy Graduate-AWS Academy Cloud Foundations". It is decided to conduct this program from 07-06-2021 to 18-06-2021 with duration of from 01:30 PM to 04:20PM under the coordination of Mrs A.VedaSri, Asst.Prof of the department. The resource person is Mrs.A.V.P.Sarvari Assistant Professor, Dept of ECE. The details of the program are displayed in the notice board, interested student can enroll their names on or before 04/06/2021

Venu: IT LAB

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IT

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MBA

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ECE,EEE

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**PROGRAM SCHEDULE**

Name of the Program: "AWS Academy Graduate-AWS Academy Cloud Foundations".

S. No.	Schedule	Time
07-06-2021		
1	Session - I	1:30 PM TO 4:20 PM
08-06-2021		
2	Session - II	1:30 PM TO 4:20 PM
09-06-2021		
3	Session - III	1:30 PM TO 4:20 PM
10-06-2021		
4	Session - IV	1:30 PM TO 4:20 PM
11-06-2021		
5	Session - V	1:30 PM TO 4:20 PM
12-06-2021		
6	Session - VI	1:30 PM TO 4:20 PM
14-06-2021		
7	Session - VII	1:30 PM TO 4:20 PM
15-06-2021		
8	Session - VIII	1:30 PM TO 4:20 PM
16-06-2021		
9	Session - IX	1:30 PM TO 4:20 PM
17-06-2021		
10	Session - X	1:30 PM TO 4:20 PM
18-06-2021		
11	Session - XI	1:30 PM TO 4:20 PM

*Asp*  
Resource Person

*[Signature]*  
Program Co-ordinator

*[Signature]*  
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

Academic Year: 2020-2021

Year/Sem: IV/II

List of Students Registered for "AWS Academy Graduate-AWS Academy Cloud Foundations".

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
1	17X41A1202	Akkineni Sai Harini	A. Sai-Harini
2	17X41A1203	Alapati Tejaswini	A. tejaswini
3	17X41A1206	Harika Bodempudi	B. Harika.
4	17X41A1207	Bhavana Lakshmi	B. Lakshmi
5	17X41A1208	Bonthu Bhuvaneswari	B. Bhuvaneswari.
6	17X41A1209	Harsha Vardhan	Harsha Vardhan.
7	17X41A1211	Sowmya Cherukuri	Sowmya
8	17X41A1213	Farheen Begum	Farheen Begum
9	17X41A1214	Ram Gopal Gorantla	G. Ram Gopal
10	17X41A1215	Neelima Kandikattu	K. Neelima
11	17X41A1216	Kanneganti Abhinaya	K. Abhinaya
12	17X41A1218	Supriya Kesari	Supriya. K.
13	17X41A1221	Lokala Girish Sri Naga Sai	Naga Sai
14	17X41A1222	M Jaswanth	Jaswanth
15	17X41A1223	M Himaja	M. Himaja
16	17X41A1225	M Sandhya	m. Sandhya.
17	17X41A1226	M Mounika	M. Mounika.
18	17X41A1228	Deepika Paladugu	Deepika
19	17X41A1230	Podapala Pardha Saradhi Reddy	P. Saradhi
20	17X41A1231	P Navya	P. Navya
21	17X41A1232	P Mahesh	P. Mahesh
22	17X41A1234	P Divya sri	P. Divya sri
23	17X41A1235	R. Venkata Lahari	R.V. Lahari
24	17X41A1236	Anjum Kousar Shaik	A. Kousar Shaik
25	17X41A1237	Shaik Aslam	S. Aslam
26	17X41A1239	Mehamuda Sheereen Shaik	Sr. Sheeren
27	17X41A1241	S Venkata Geethika	S. Geethika
28	17X41A1243	Syed Yasmeen	S. Yasmeen
29	17X41A1247	V Ramya Sri	Ramya.V.

Program Coordinator

HOD

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

Day - Wise Attendance Sheet

Academic Year: 2020 - 2021

Course Duration: 11 days

Course Commencement Date: 07-06-2021

Time: 01:30 PM to 04:20PM

Course Title: "AWS Academy Graduate-AWS Academy Cloud Foundations".

Sno. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5
1	17X41A1202	A. Sathishini	A. Sathishini	A. Sathishini	A. Sathishini	A. Sathishini
2	17X41A1203	A. Arjunani	A. Arjunani	A. Arjunani	A. Arjunani	A. Arjunani
3	17X41A1206	B. Harika	B. Harika	B. Harika	B. Harika	B. Harika
4	17X41A1207	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi
5	17X41A1208	Bhuvanika	Bhuvanika	Bhuvanika	Bhuvanika	Bhuvanika
6	17X41A1209	Harsha Varsha	Harsha Varsha	Harsha Varsha	Harsha Varsha	Harsha Varsha
7	17X41A1211	Sourya	Sourya	Sourya	Sourya	Sourya
8	17X41A1213	Begum	Begum	Begum	Begum	Begum
9	17X41A1214	G. Ramya	G. Ramya	G. Ramya	G. Ramya	G. Ramya
10	17X41A1215	Neelima	Neelima	Neelima	Neelima	Neelima
11	17X41A1216	K. Abhinaya	K. Abhinaya	K. Abhinaya	K. Abhinaya	K. Abhinaya
12	17X41A1218	Supriya	Supriya	Supriya	Supriya	Supriya
13	17X41A1221	Nagala	Nagala	Nagala	Nagala	Nagala
14	17X41A1222	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth
15	17X41A1223	M. Himaja	M. Himaja	M. Himaja	M. Himaja	M. Himaja
16	17X41A1225	M. Sandhya	M. Sandhya	M. Sandhya	M. Sandhya	M. Sandhya
17	17X41A1226	M. Manika	M. Manika	M. Manika	M. Manika	M. Manika
18	17X41A1228	Deepika	Deepika	Deepika	Deepika	Deepika
19	17X41A1230	P. Saradhi	P. Saradhi	P. Saradhi	P. Saradhi	P. Saradhi
20	17X41A1231	P. Navya	P. Navya	P. Navya	P. Navya	P. Navya
21	17X41A1232	P. Mahesh	P. Mahesh	P. Mahesh	P. Mahesh	P. Mahesh
22	17X41A1234	P. Divyasi	P. Divyasi	P. Divyasi	P. Divyasi	P. Divyasi
23	17X41A1235	P. Lakshmi	P. Lakshmi	P. Lakshmi	P. Lakshmi	P. Lakshmi
24	17X41A1236	A. Koushika	A. Koushika	A. Koushika	A. Koushika	A. Koushika
25	17X41A1237	S. Ailam	S. Ailam	S. Ailam	S. Ailam	S. Ailam
26	17X41A1239	S. Shreya	S. Shreya	S. Shreya	S. Shreya	S. Shreya
27	17X41A1241	P. Geethika	P. Geethika	P. Geethika	P. Geethika	P. Geethika
28	17X41A1243	S. Yashika	S. Yashika	S. Yashika	S. Yashika	S. Yashika
29	17X41A1247	R. Ranya	R. Ranya	R. Ranya	R. Ranya	R. Ranya
Program Co-ordin						

Resource Person

HOD

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

Day - Wise Attendance Sheet

Academic Year: 2020 - 2021

Course Duration: 11 days

Course Commencement Date: 07-06-2021

Time: 01:30 PM to 04:20PM

Course Title: "AWS Academy Graduate-AWS Academy Cloud Foundations".

Sno. No	Roll Number	Day 6	Day 7	Day 8	Day 9	Day10	Day11
1	17X41A1202	A. Sathini	A. Sathini	A. Sathini	A. Sathini	A. Sathini	A. Sathini
2	17X41A1203	A. Tejaswini	A. Tejaswini	A. Tejaswini	A. Tejaswini	A. Tejaswini	A. Tejaswini
3	17X41A1206	B. Hanika	B. Hanika	B. Hanika	B. Hanika	B. Hanika	B. Hanika
4	17X41A1207	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi
5	17X41A1208	Bhavanasri	Bhavanasri	Bhavanasri	Bhavanasri	Bhavanasri	Bhavanasri
6	17X41A1209	Narasimha	Narasimha	Narasimha	Narasimha	Narasimha	Narasimha
7	17X41A1211	Srujan	Srujan	Srujan	Srujan	Srujan	Srujan
8	17X41A1213	Beegum	Beegum	Beegum	Beegum	Beegum	Beegum
9	17X41A1214	G. Ganesh	G. Ganesh	G. Ganesh	G. Ganesh	G. Ganesh	G. Ganesh
10	17X41A1215	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima
11	17X41A1216	KAbhinav	KAbhinav	KAbhinav	KAbhinav	KAbhinav	KAbhinav
12	17X41A1218	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya
13	17X41A1221	Nagasai	Nagasai	Nagasai	Nagasai	Nagasai	Nagasai
14	17X41A1222	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth
15	17X41A1223	M. Himaja	M. Himaja	M. Himaja	M. Himaja	M. Himaja	M. Himaja
16	17X41A1225	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
17	17X41A1226	M. Manika	M. Manika	M. Manika	M. Manika	M. Manika	M. Manika
18	17X41A1228	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika
19	17X41A1230	P. Saradhi	P. Saradhi	P. Saradhi	P. Saradhi	P. Saradhi	P. Saradhi
20	17X41A1231	P. Novya	P. Novya	P. Novya	P. Novya	P. Novya	P. Novya
21	17X41A1232	P. Mahesh	P. Mahesh	P. Mahesh	P. Mahesh	P. Mahesh	P. Mahesh
22	17X41A1234	P. Divyasi	P. Divyasi	P. Divyasi	P. Divyasi	P. Divyasi	P. Divyasi
23	17X41A1235	P. R. bhavi	P. R. bhavi	P. R. bhavi	P. R. bhavi	P. R. bhavi	P. R. bhavi
24	17X41A1236	K. Kausar	K. Kausar	K. Kausar	K. Kausar	K. Kausar	K. Kausar
25	17X41A1237	S. Aslam	S. Aslam	S. Aslam	S. Aslam	S. Aslam	S. Aslam
26	17X41A1239	S. Sreenani	S. Sreenani	S. Sreenani	S. Sreenani	S. Sreenani	S. Sreenani
27	17X41A1241	geethika	geethika	geethika	geethika	geethika	geethika
28	17X41A1243	S. Yasmeen	S. Yasmeen	S. Yasmeen	S. Yasmeen	S. Yasmeen	S. Yasmeen
29	17X41A1247	Ranga	Ranga	Ranga	Ranga	Ranga	Ranga
Program Co-ordin							

Resourec. Person

HOD

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 19-06-2021

## Report

Name of the Program: "AWS Academy Graduate-AWS Academy Cloud Foundations".

Duration: 33 HOURS

Timings: 01:30 PM to 4:20 PM

Resource Person: Mrs A.V.P.Sarvari Assistant Professor Dept of ECE,SRKIT

a.v.p.sarvari@gmail.com Mobile no: 9966011426

Name of Program Coordinator: Mrs.A.Veda Sri Assistant Professor Dept of IT, SRKIT

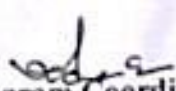
Vedasri.avirmeni@gmail.com Mobile No:8919261823

Number of students attended/enrolled: 29/29

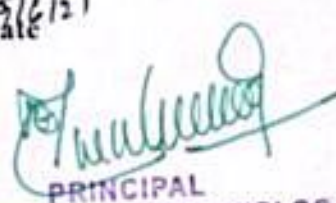
In total 29/29 students of IV/II B.Tech IT students attended the program. On the last day of the program few students gave their feedback on how the training sessions helped them in improving their programming skills.

### Course Outcomes:

- It helps learners build credibility by validating a level of Amazon Web Services cloud expertise and
- It helps organizations identify skilled professionals to lead cloud initiatives using AWS.
- Finally the students are able to know AWS Global Infrastructure and cloud security methods, and how to use storage and update data bases.
- Aws helps you digitally helps you digitally transformed and accelerate

  
Program Coordinator

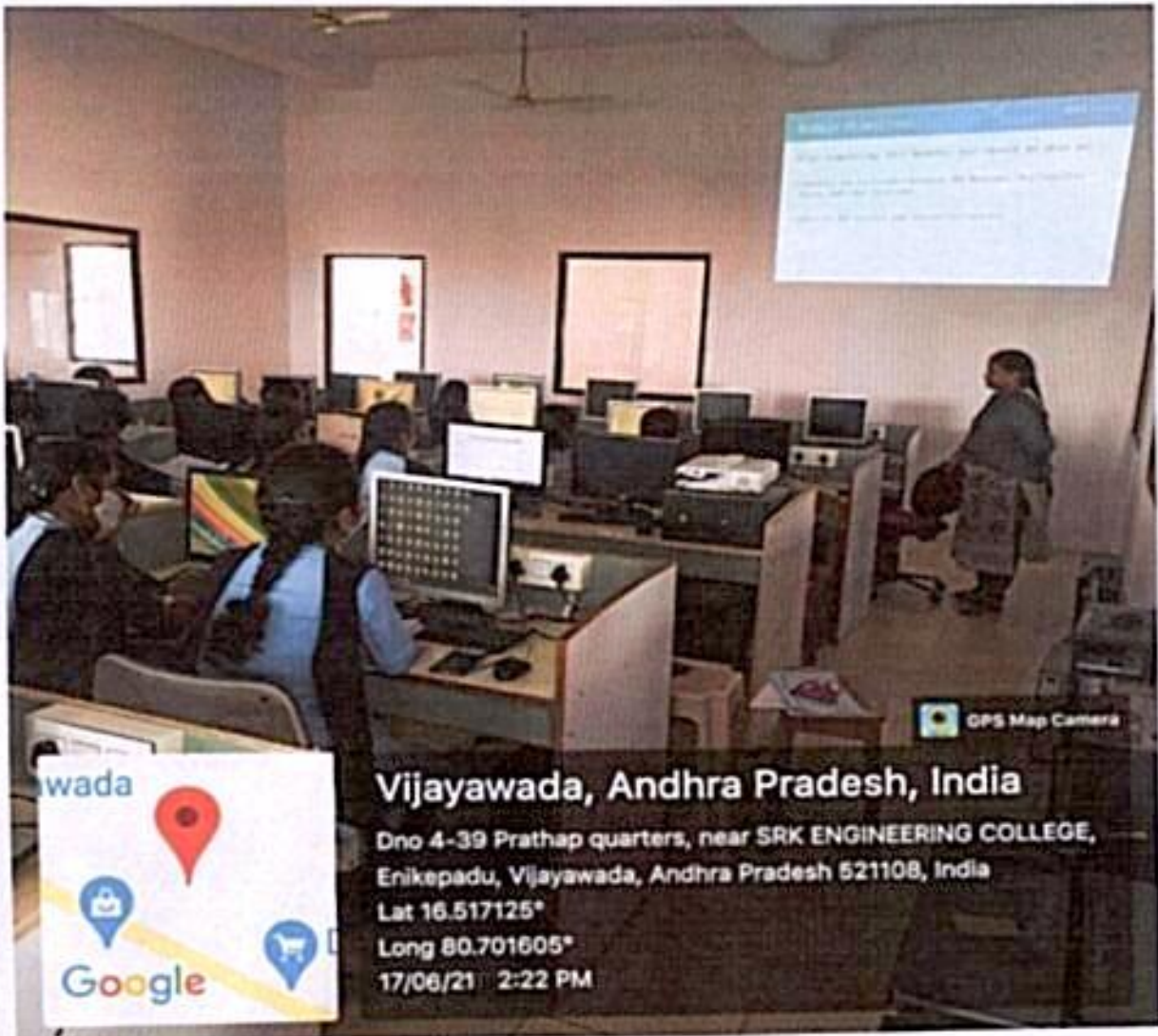
  
HOD/Date

  
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Department of INFORMATION TECHNOLOGY



**Vijayawada, Andhra Pradesh, India**  
Dno 4-39 Prathap quarters, near SRK ENGINEERING COLLEGE,  
Enikepadu, Vijayawada, Andhra Pradesh 521108, India  
Lat 16.517125°  
Long 80.701605°  
17/06/21 2:22 PM

  
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e-mail : srktech@gmail.com web : www.srkit.in

PARTICIPATION

## CERTIFICATE

This is to certify that Mr./Ms. Akkineni Sai Harini  
of SRKIT has Participated  
in "AWS Academy Graduate-AWS Academy Cloud Foundations" held  
from 07-06-2021 to 18-06-2021 conducted by Department of  
Information Technology ,SRKIT-Vijayawada.

*A.V.P.*  
Resource Person  
Mrs.A.V.P.Sarvari,  
Assistant professor,  
Dept of ECE, SRKIT

*M.R.B.*  
Mr.M.Ram Bhupal,  
Assistant professor,  
Dept of IT, SRKIT

*M.E.*  
Principal  
Dr.M Ekambaram,  
professor,  
Dept of CSE, SKIT

*M.E.*  
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PARTICIPATION

## CERTIFICATE

This is to certify that Mr./Ms. Harika Bodempudi  
of SRKIT has Participated  
in "AWS Academy Graduate-AWS Academy Cloud Foundations" held  
from 07-06-2021 to 18-06-2021 conducted by Department of  
Information Technology ,SRKIT-Vijayawada.

*Aup*  
Resource Person  
Mrs.A.V.P.Sarvari,  
Assistant professor,  
Dept of ECE, SRKIT

*Ram*  
HOD  
Mr.M.Ram Bhupal,  
Assistant professor,  
Dept of IT, SRKIT

*M. Ekambaram*  
Principal  
Dr.M Ekambaram Naidu,  
professor,  
Dept of CSE, SKIT

*M. Ekambaram*  
Principal  
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## CERTIFICATE

This is to certify that Mr./Ms. Bonthu Bhuvaneshwari  
of SRKIT has Participated  
in "AWS Academy Graduate-AWS Academy Cloud Foundations" held  
from 07-06-2021 to 18-06-2021 conducted by Department of  
Information Technology ,SRKIT-Vijayawada.

*A.V.P.*  
Resource Person  
Mrs.A.V.P.Sarvari,  
Assistant professor,  
Dept of ECE, SRKIT

*M.R.B.*  
HOD  
Mr.M.Ram Bhupal,  
Assistant professor,  
Dept of IT, SRKIT

*M.E.*  
Principal  
Dr.M Ekambaram,  
professor,  
Dept of CSE, SKIT

*M.E.*  
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This is to certify that Mr./Ms. P Navya  
of SRKIT has Participated  
in "AWS Academy Graduate-AWS Academy Cloud Foundations" held  
from 07-06-2021 to 18-06-2021 conducted by Department of  
Information Technology ,SRKIT-Vijayawada.

*A.V.P.*  
Resource Person  
Mrs.A.V.P.Sarvari,  
Assistant professor,  
Dept of ECE, SRKIT

*J.Ram*  
HOD  
Mr.M.Ram Bhupal,  
Assistant professor,  
Dept of IT, SRKIT

*Dr.M. Ekambaram Naidu*  
Principal  
Dr.M Ekambaram Naidu  
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ENIKEPADU, VIJAYAWADA  
Dept of CSE, SKIT

*Dr.M. Ekambaram Naidu*  
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Date: 01-04-2021

**CIRCULAR**

The following Faculty members are informed to attend the meeting on 01-04-2021 at 10.30 AM in Ground floor Seminar Hall to design the syllabus and Day wise schedule for certificate program on **"ARDUINO MICROCONTROLLER PROGRAMMING USING TINKERCAD"**

S.No	Faculty Name	Designation	Signature
1	Dr.S.Sri Gowri	Professor & HOD	
2	Mr.B.S.S.Telesh	Assistant Professor	
3	Mr.S. Nageswara Rao	Assistant Professor	
4	Mr.N.E.Keerthi Chandra	Assistant Professor	
5	Ms. T. Maha Lakshmi	Assistant Professor	

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Date: 06-04-2021

**CIRCULAR**

All III/IV EEE Students are hereby informed that Department of Electrical & Electronics Engineering is conducting a Five Day Certificate Program on "ARDUINO MICROCONTROLLER PROGRAMMING USING TINKERCAD" Mr.B.S.S.Telesh, Assistant Professor, SRK Institute of Technology, is the Resource person. The program will be held from 08-04-2021 to 13-04-2021. All the interested students are instructed to register their names in the Department office on or before 07-04-2021.

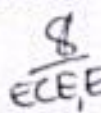
All the registered students must attend the certificate program without fail on the above mentioned dates.

**Timings:** 9.00AM – 4.00PM

**Venue:** MPMC Lab (III Floor)

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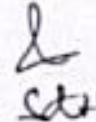
**Circulated to:** All HOD's

  
ECE, EEE, CE

  
CSE

  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

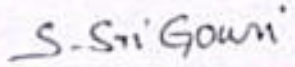

Date:06-04-2021

Week/Day-Wise Schedule

Name of the Program: "Recent Trends in Power System Engineering"

S.NO	DAY	DATE	TOPICS COVERED
1	Thursday	08-4-2021	<ul style="list-style-type: none"><li>• Introduction to Microcontroller</li><li>• Introduction to open source Technology</li><li>• Introduction to Arduino Uno and Tinkercad</li><li>• Introduction to Analog and Digital devices</li><li>• Introduction LED with Arduino Uno</li></ul>
2	Friday	09-04-2021	<ul style="list-style-type: none"><li>• Interfacing Push-button with Arduino Uno</li><li>• Interfacing Buzzer with Arduino Uno</li><li>• Interfacing Potentiometer with Arduino Uno</li><li>• Interfacing Servo motor with Arduino Uno</li><li>• Interfacing DC motor with Arduino Uno</li></ul>
3	Saturday	10-04-2021	<ul style="list-style-type: none"><li>• Introduction to Sensors</li><li>• Types of Sensor</li><li>• Introduction to LDR, PIR</li><li>• Interfacing LDR with Arduino Uno to develop a " Smart Street Light"</li></ul>
4	Monday	12-04-2021	<ul style="list-style-type: none"><li>• Interfacing PIR with Arduino Uno to develop a " Home Security System"</li><li>• Introduction to LM35, LCD, Ultra Sonic Sensor</li><li>• Interfacing LM35 with Arduino Uno to develop a "Smart Temperature Monitoring System"</li></ul>
5	Tuesday	13-04-2021	<ul style="list-style-type: none"><li>• Interfacing Ultra Sonic Sensor with Arduino Uno to develop a "Smart Blind Slick"</li><li>• Mini-Project on Home Automation</li></ul>

  
(Mr. B.S.S. TEJESH)  
Resource Person

  
S. Sri Gowri  
(Dr. Sri Gowri)  
HOD  
  
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**LIST OF REGISTERED STUDENTS**

Name of the Program: "ARDUINO MICROCONTROLLER PROGRAMMING USING  
TINKERCAD"

A.Y:2020-21

Duration: 08.04.2021 to 13.04.2021 (5 Days)

S.No	Roll Number	Name of the Student	Year
1	18X41A0201	ADDALA PURNA JAYARAM	IV EEE
2	18X41A0204	DASARI NAGA BINDU	IV EEE
3	18X41A0206	KAGITHA TARUN KUMAR	IV EEE
4	18X41A0207	KOTTE MAHESH	IV EEE
5	18X41A0208	KUVVARAPU PRIYANKA	IV EEE
6	18X41A0210	M VS NAGA SAI PAVANDEEP	IV EEE
7	18X41A0211	PAIDIMARRI SAI HARISH	IV EEE
8	18X41A0212	YALAVARTHI MOUNIKA	IV EEE
9	18X41A0213	Y JASVANTH VEERU	IV EEE
10	19X45A0201	K VENKATA SAI KIRAN	IV EEE
11	19X45A0202	D BHARATH BHARGAV	IV EEE
12	19X45A0203	MANDAVALLI DHANUSH	IV EEE
13	19X45A0204	DUVVAPU MOHAN VAMSI	IV EEE
14	19X45A0205	V MOHAN KALYAN	IV EEE
15	19X45A0206	KOTA SWAPNA	IV EEE
16	19X45A0207	KARANI NAGA VAMSI	IV EEE
17	19X45A0208	CHITTOJI GURUSAI	IV EEE
18	19X45A0209	KASTURI BHANU PRAKASH	IV EEE
19	19X45A0210	KILAPARTHI HEMANTH	IV EEE

S. Nagaraj  
Coordinator

S. Sri Gowd  
HOD/Date  
14/4/21  
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Name of the Program: **"ARDUINO MICROCONTROLLER PROGRAMMING USING  
TINKERCAD"**

A.Y:2020-21

Duration: 08.04.2021 to 13.04.2021 (5 Days)

S.No	Roll Number	Name of the Student	Year
20	19X45A0211	TARAGATURI AJAY BABU	IV EEE
21	19X45A0212	C AKHIL	IV EEE
22	19X45A0213	P SHANMUKHA SAI RAM	IV EEE
23	19X45A0214	K JANAKI RAMAIAH	IV EEE
24	19X45A0215	M. V HARSHA VARDHAN	IV EEE
25	19X45A0216	CH MOHITH KUMAR	IV EEE
26	19X45A0217	PANCHUMARTHI VEKATESH	IV EEE
27	19X45A0218	DASARI CHANDANA	IV EEE
28	19X45A0219	DATTHI THANUJA	IV EEE
29	19X45A0220	BUGATHA SRINIVAS	IV EEE
30	19X45A0221	Y SARVESWARA RAO	IV EEE
31	19X45A0222	VARTHA SUMANTH	IV EEE
32	19X45A0223	SHAIK ISMAIL	IV EEE
33	19X45A0224	BUKKURI RAJASEKHAR	IV EEE
34	19X45A0225	MOHAMMAD JAHANGIR	IV EEE
35	19X45A0226	KATTA THRINADH	IV EEE
36	19X45A0227	BAYYAVARAPU SRIDEVI	IV EEE
37	19X45A0228	T SIVA RAMA KRISHNA	IV EEE
38	19X45A0229	MUNJETI BHASKAR RAO	IV EEE
39	19X45A0230	KANAPARTHY VIJAY	IV EEE
40	19X45A0232	POLU SURYA PRAKASH	IV EEE

S. Nagaraj  
Coordinator

S. Sri Gowri  
HOD/Date  
14/4/21  
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Day-Wise Attendance Sheet

Academic Year: 2020-21  
 Time: 09.00AM to 04.00PM

Duration: 5 days  
 Date: 7.4.2021 to  
 13.4.2021

Name of the Program: " ARDUINO MICROCONTROLLER PROGRAMMING USING TINKERCAD "

S. No	Roll Number	Day 1	Day 2	Day 3	Day 4	Day 5
1	18X41A0201	A.purna	A.purna	A.purna	A.purna	A.purna
2	18X41A0204	D.NagBil	D.NagBil	D.NagBil	D.NagBil	D.NagBil
3	18X41A0206	C.Tarek	C.Tarek	C.Tarek	C.Tarek	C.Tarek
4	18X41A0207	K.Mahesh	K.Mahesh	K.Mahesh	K.Mahesh	K.Mahesh
5	18X41A0208	K.Prasanna	K.Prasanna	K.Prasanna	K.Prasanna	K.Prasanna
6	18X41A0210	M.Pavani	M.Pavani	M.Pavani	M.Pavani	M.Pavani
7	18X41A0211	P.Sai (H)	P.Sai (H)	P.Sai (H)	P.Sai (H)	P.Sai (H)
8	18X41A0212	Y.Mahesh	Y.Mahesh	Y.Mahesh	Y.Mahesh	Y.Mahesh
9	18X41A0213	Y.Ganesh	Y.Ganesh	Y.Ganesh	Y.Ganesh	Y.Ganesh
10	19X45A0201	K.Sai	K.Sai	K.Sai	K.Sai	K.Sai
11	19X45A0202	D.Chandhu	D.Chandhu	D.Chandhu	D.Chandhu	D.Chandhu
12	19X45A0203	M.Chandhu	M.Chandhu	M.Chandhu	M.Chandhu	M.Chandhu
13	19X45A0204	D.Mahesh	D.Mahesh	D.Mahesh	D.Mahesh	D.Mahesh
14	19X45A0205	V.Hemant	V.Hemant	V.Hemant	V.Hemant	V.Hemant
15	19X45A0206	K.Suvarna	K.Suvarna	K.Suvarna	K.Suvarna	K.Suvarna
16	19X45A0207	K.Nagendra	K.Nagendra	K.Nagendra	K.Nagendra	K.Nagendra
17	19X45A0208	C.Gurusai	C.Gurusai	C.Gurusai	C.Gurusai	C.Gurusai
18	19X45A0209	K.Chandhu	K.Chandhu	K.Chandhu	K.Chandhu	K.Chandhu
19	19X45A0210	J.Hemant	J.Hemant	J.Hemant	J.Hemant	J.Hemant
20	19X45A0211	T.Ajay	T.Ajay	T.Ajay	T.Ajay	T.Ajay
21	19X45A0212	P.Shanu	P.Shanu	P.Shanu	P.Shanu	P.Shanu
22	19X45A0213	P.Shanu	P.Shanu	P.Shanu	P.Shanu	P.Shanu

  
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23	19X45A0214	K. Jaganth	K. Jaganth	K. Jaganth	K. Jaganth	K. Jaganth
24	19X45A0215	M. V. Harsha	M. V. Harsha	M. V. Harsha	M. V. Harsha	M. V. Harsha
25	19X45A0216	Ch. Nithin	Ch. Nithin	Ch. Nithin	Ch. Nithin	Ch. Nithin
26	19X45A0217	P. V. Laksh	P. V. Laksh	P. V. Laksh	P. V. Laksh	P. V. Laksh
27	19X45A0218	D. Chandra	D. Chandra	D. Chandra	D. Chandra	D. Chandra
28	19X45A0219	B. Jeevi	B. Jeevi	B. Jeevi	B. Jeevi	B. Jeevi
29	19X45A0220	D. Jhanvi	D. Jhanvi	D. Jhanvi	D. Jhanvi	D. Jhanvi
30	19X45A0221	S. Anitha	S. Anitha	S. Anitha	S. Anitha	S. Anitha
31	19X45A0222	S. Anitha	S. Anitha	S. Anitha	S. Anitha	S. Anitha
32	19X45A0223	sk. Anitha	sk. Anitha	sk. Anitha	sk. Anitha	sk. Anitha
33	19X45A0224	B. Anitha	B. Anitha	B. Anitha	B. Anitha	B. Anitha
34	19X45A0225	M. Anitha	M. Anitha	M. Anitha	M. Anitha	M. Anitha
35	19X45A0226	K. Anitha	K. Anitha	K. Anitha	K. Anitha	K. Anitha
36	19X45A0227	B. Anitha	B. Anitha	B. Anitha	B. Anitha	B. Anitha
37	19X45A0228	T. Anitha	T. Anitha	T. Anitha	T. Anitha	T. Anitha
38	19X45A0229	M. Anitha	M. Anitha	M. Anitha	M. Anitha	M. Anitha
39	19X45A0230	K. Anitha	K. Anitha	K. Anitha	K. Anitha	K. Anitha
40	19X45A0232	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha

S. Nagaraj  
Coordinator

S. Sri Gani  
HOD/Date

14/11/21

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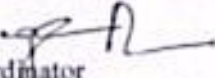
Assessment Form

1. What is Arduino? [ ]
  - a) Programming language
  - b) Image editing software
  - c) Open-source electronics platform
  - d) Text editor
2. What is the use of the Vin pin present on some Arduino Boards? [ ]
  - a) To ground the Arduino Board
  - b) To power the Arduino Board
  - c) To provide a 5V output
  - d) Is used for plugging in 3V supply
3. What is the microcontroller used in Arduino UNO? [ ]
  - a) ATmega32114
  - b) AT91SAM3x8E
  - c) ATmega2560
  - d) ATmega328p
4. Arduino IDE consists of 2 functions. What are they? [ ]
  - a) Loop() and build() and setup()
  - b) Build() and loop()
  - c) Setup() and build()
  - d) Setup() and loop()
5. What does p refer to in ATmega328p? [ ]
  - a) Programmable on chip
  - b) Power-Pico
  - c) Production
  - d) Pico-Power
6. What is the operating voltage of Atmega328? [ ]
  - a) 1.9V to 5V
  - b) 1.8V to 5.5V
  - c) 1.1V to 5V
  - d) 12V to 9V
7. How many times does the setup() function run on every startup of the Arduino System? [ ]
  - a) 4
  - b) 5
  - c) 2
  - d) 1
8. How many arguments does the digitalWrite() function have? [ ]
  - a) 1
  - b) 2
  - c) 3
  - d) 4
9. How many arguments does the analogRead() function have? [ ]
  - a) 1
  - b) 2
  - c) 3
  - d) 4
10. What is the maximum number of arguments that the pulseIn() function accepts? [ ]
  - a) 1
  - b) 2
  - c) 3
  - d) 4
11. How many pins are present in the Ultrasonic Sensor? [ ]
  - a) 1
  - b) 3
  - c) 2
  - d) 4
12. What kind of waves does the Ultrasonic Sensor work on? [ ]
  - a) Gas
  - b) Heat
  - c) Light
  - d) Sound
13. What is the full form of the LDR Sensor? [ ]
  - a) Lithium Diode Resistor
  - b) Light Diaphragm Resistor
  - c) Lithium Disk Resistor
  - d) Light Dependent Resistor
14. What language is a typical Arduino code based on? [ ]
  - a) C/C++
  - b) Java
  - c) Python
  - d) Assembly Code
15. Arduino Codes are referred to as \_\_\_\_\_ in the Arduino IDE. [ ]
  - a) drawings
  - b) notes
  - c) sketches
  - d) links
16. What is the use of the RESET button on the Arduino UNO? [ ]
  - a) To restart the code present in the Arduino
  - b) To restore a previous version of a code
  - c) To erase the code present in the Arduino
  - d) To erase the SRAM in Arduino Microcontroller
17. Which of the following is not a method to convert analog signals to digital signals? [ ]
  - a) Pulse Code Modulation
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  - c) Pulse Width Modulation
  - d) Frequency Modulation


  
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18. What is the use of the digitalPinToInterrupt() function? [ ]  
a) To create an Interrupt Object      b) To delete an Interrupt Object  
c) To map the Arduino Pin to the Interrupt pin      d) To invoke the Interrupt Service Routine
19. What is the use of the MSBFIRST argument in the shiftIn() function? [ ]  
a) To denote the least significant bit      b) To denote the maximum number of Bits  
c) To denote the most significant bit      d) To denote the minimum number of bit
20. which software is used for creating 3d models [ ]  
a)tinkercad      b)photoshop      c)google classroom      d)tindercad

S.N.   
Co-ordinator

  
HoD

  
Resource Person

  
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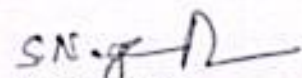
Assesment Form with answers

1. What is Arduino?
  - a) Programming language
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  - d) 1**
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  - b) 2
  - c) 3
  - d) 4
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  - b) 2
  - c) 3
  - d) 4

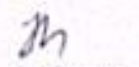
  
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10. What is the maximum number of arguments that the pulseIn() function accepts?  
 a) 1                      b) 2                      c) 3                      d) 4
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 a) 1                      b) 3                      c) 2                      d) 4
12. What kind of waves does the Ultrasonic Sensor work on?  
 a) Gas                      b) Heat                      c) Light                      d) Sound
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SN.   
 Co-ordinator  
 Person

  
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Assesment Form

Name of the Program: "ARDUINO MICROCONTROLLER PROGRAMMING USING  
TINKERCAD"

A.Y:2020-21

Duration: 08.04.2021 to 13.04.2021 (5 Days)

S.No	Roll Number	Name of the Student	Marked Obtained	Percentage of Marks	Grade
1	18X41A0201	ADDALA PURNA JAYARAM	16	80	A
2	18X41A0204	DASARI NAGA BINDU	9	45	FAIL
3	18X41A0206	KAGITHA TARUN KUMAR	18	90	A
4	18X41A0207	KOTTE MAHESH	15	75	A
5	18X41A0208	KUVVARAPU PRIYANKA	8	40	FAIL
6	18X41A0210	M VS NAGA SAI PAVANDEEP	15	75	A
7	18X41A0211	PAIDIMARRI SAI HARISH	17	85	A
8	18X41A0212	YALAVARTHI MOUNIKA	18	90	A
9	18X41A0213	Y JASVANTH VEERU	5	25	FAIL
10	19X45A0201	K VENKATA SAI KIRAN	19	95	A
11	19X45A0202	D BIHARATH BHARGAV	8	40	FAIL
12	19X45A0203	MANDAVALLI DHANUSH	14	70	B
13	19X45A0204	DUVVAPU MOHAN VAMSI	13	65	B
14	19X45A0205	V MOHAN KALYAN	16	80	A
15	19X45A0206	KOTA SWAPNA	18	90	A
16	19X45A0207	KARANI NAGA VAMSI	4	20	FAIL
17	19X45A0208	CHITTOJI GURUSAI	15	75	A
18	19X45A0209	KASTURI BHANU PRAKASH	9	45	FAIL
19	19X45A0210	KILAPARTHI HEMANTH	11	55	B

S. V. R.  
Coordinator

S. Sri Gani  
HOD/Date

14/4/21  
Principal





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**LIST OF REGISTERED STUDENTS**

Name of the Program: "ARDUINO MICROCONTROLLER PROGRAMMING USING TINKERCAD" A.Y:2020-21

Duration: 08.04.2021 to 13.04.2021 (5 Days)

S.No	Roll Number	Name of the Student	Marked Obtained	Percentage of Marks	Grade
20	19X45A0211	TARAGATURI AJAY BABU	16	80	A
21	19X45A0212	C AKHIL	5	25	FAIL
22	19X45A0213	P SHANMUKHA SAI RAM	9	45	FAIL
23	19X45A0214	K JANAKI RAMAIAH	12	60	B
24	19X45A0215	M. V HARSHA VARDHAN	12	60	B
25	19X45A0216	CH MOHITH KUMAR	13	65	B
26	19X45A0217	PANCHUMARTHI VEKATESH	14	70	B
27	19X45A0218	DASARI CHANDANA	7	35	FAIL
28	19X45A0219	DATTHI THANUJA	17	85	A
29	19X45A0220	BUGATHA SRINIVAS	16	80	A
30	19X45A0221	Y SARVESWARA RAO	13	65	B
31	19X45A0222	VARTHA SUMANTH	8	40	FAIL
32	19X45A0223	SHAIK ISMAIL	12	60	B
33	19X45A0224	BUKKURI RAJASEKHAR	9	45	FAIL
34	19X45A0225	MOHAMMAD JAHANGIR	15	75	A
35	19X45A0226	KATTA THRINADH	14	70	B
36	19X45A0227	BAYYAVARAPU SRIDEVI	13	65	B
37	19X45A0228	T SIVA RAMA KRISHNA	17	85	A
38	19X45A0229	MUNJETI BHASKAR RAO	9	45	FAIL
39	19X45A0230	KANAPARTHY VIJAY	7	35	FAIL
40	19X45A0232	POLU SURYA PRAKASH	8	40	FAIL

*S. D. ...*  
Coordinator

*S. Sri Gow*  
HOD/Date

14/4/21  
*[Signature]*  
PRINCIPAL





1. What is Arduino?  
a) Programming language  
b) Image editing software  
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a) 4  
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c) 2  
d) 1
8. How many arguments does the digitalRead() function have?  
a) 1  
b) 2  
c) 3  
d) 4
9. How many arguments does the analogRead() function have?  
a) 1  
b) 2  
c) 3  
d) 4
10. What is the maximum number of arguments that the pulseIn() function accepts?  
a) 1  
b) 2  
c) 3  
d) 4
11. How many pins are present in the Ultrasonic Sensor?  
a) 1  
b) 3  
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d) 4
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(c)

(b)

(d)

(d)

(a)

(b)

(d)

(a)

(a)

(c)

(d)

(d)

(c)

(b)

(d)

*M. Lakshmi*





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 c) To provide a 5V output                      d) Is used for plugging in 3V supply  
 (c) ✗
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 (d) ✓
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 (d) ✓
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 c) Production                                     d) Pico-Power  
 (c) ✗
6. What is the operating voltage of Atmega328?  
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 (b) ✓
7. How many times does the setup() function run on every startup of the Arduino System?  
 a) 4    b) 5    c) 2    d) 1  
 (d) ✓
8. How many arguments does the digitalRead() function have?  
 a) 1    b) 2    c) 3    d) 4  
 (a) ✓
9. How many arguments does the analogRead() function have?  
 a) 1    b) 2    c) 3    d) 4  
 (a) ✓
10. What is the maximum number of arguments that the pulseIn() function accepts?  
 a) 1    b) 2    c) 3    d) 4  
 (c) ✓
11. How many pins are present in the Ultrasonic Sensor?  
 a) 1    b) 3    c) 2    d) 4  
 (d) ✓
12. What kind of waves does the Ultrasonic Sensor work on?  
 a) Gas    b) Heat    c) Light    d) Sound  
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13. What is the full form of the LDR Sensor?  
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 (d) ✓

*(Signature)*





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Date: 17-04-2021

**PROGRAM REPORT**

**Name of the Program:** A Five Day Certificate Program on "ARDUINO MICROCONTROLLER PROGRAMMING USING TINKERCAD"

**Date / Duration** : 08-04-2021 to 13-04-2021 (Five Days)

**Resource Person** : Mr.B.S.S.TEJESH, M.Tech. Assistant Professor, ECE.

**Name of Coordinator** : Mr.S.Nageswara Rao

**Number of Students enrolled/Completed:** 40/26

**Program Objectives** : The objectives of this program is to introduce participants to build embedded system projects using Arduino

**Topics Covered** : The following topics were discussed in this certificate program

**Day1:**

- Introduction to Microcontroller
- Introduction to open source Technology
- Introduction to Arduino Uno and Tinkercad
- Introduction to Analog and Digital devices
- Introduction LED with Arduino Uno



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**Day2:**

- Interfacing Push-button with Arduino Uno
- Interfacing Buzzer with Ardino Uno
- Interfacing Potentiometer with Arduino Uno
- Interfacing Servo motor with AArduino Uno
- Interfacing DC motor with Arduino Uno



**Day3:**

- Introduction to Sensors
- Types of Sensor
- Introduction to LDR, PIR
- Interfacing LDR with Arduino Uno to develop a " Smart Street Light"



  
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**Day4:**

- Interfacing PIR with Arduino Uno to develop a "Home Security System"
- Introduction to LM35, LCD, Ultra Sonic Sensor
- Interfacing LM35 with Arduino Uno to develop a "Smart Temperature Monitoring System"



**Day5:**

- Interfacing Ultra Sonic Sensor with Arduino Uno to develop a "Smart Blind Stick"
- Mini-Project on Home Automation



  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge about what is Arduino Programming, its basic concepts, keywords and to understand the way by which the Arduino can communicate with devices and sensors. Students can build their own prototypes using Arduino.

S. Nagaraj  
Coordinator

S. Sri Gowri  
HOD/ Date  
14/4/21

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ENIKEPADU, VIJAYAWADA





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Approved by AICTE, Affiliated to JNTUK Kakinada  
(An ISO 9001:2015 Certified Institution) Vijayawada – 521108.

## CERTIFICATE OF APPRECIATION

This is certify that Mr / Ms / Mrs **ADDALA PURNA JAYARAM**  
bearing Roll Number **18X41A0201** of SRK Institute of Technology has  
attended the Five Day Certificate Program on **“ARDUINO  
MICROCONTROLLER PROGRAMMING USING TINKERCAD”**  
organized by the Department of **EEE** from **08-04-2021** to **13-04-2021**

*S. Sri Gowri*  
Dr.S. Sri Gowri  
HOD

*[Signature]*  
Principal  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

*[Signature]*  
Dr.M.Ekambaram Naidu  
Principal





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## CERTIFICATE OF APPRECIATION

This is certify that Mr / Ms / Mrs **Y SARVESWARA RAO**  
bearing Roll Number **19X45A0221** of SRK Institute of Technology has  
attended the Five Day Certificate Program on **“ARDUINO  
MICROCONTROLLER PROGRAMMING USING TINKERCAD”**  
organized by the Department of **EEE** from **08-04-2021** to **13-04-2021**

*S. Sri Gowri*  
Dr.S. Sri Gowri  
HOD

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

*[Signature]*  
Dr.M.Ekambaram Naidu  
Principal





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## CERTIFICATE OF APPRECIATION

This is certify that Mr / Ms / Mrs **T SIVA RAMA KRISHNA**  
bearing Roll Number **19X45A0228** of SRK Institute of Technology has  
attended the Five Day Certificate Program on **“ARDUINO  
MICROCONTROLLER PROGRAMMING USING TINKERCAD”**  
organized by the Department of **EEE** from **08-04-2021** to **13-04-2021**

*S. Sri Gowri*  
Dr.S. Sri Gowri  
HOD

*Dr. M. Ekambaram Naidu*  
Dr.M.Ekambaram Naidu  
Principal  
PRINCIPAL  
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## CERTIFICATE OF APPRECIATION

This is certify that Mr / Ms / Mrs **PAIDIMARRI SAI HARISH**  
bearing Roll Number **18X41A0211** of SRK Institute of Technology has  
attended the Five Day Certificate Program on “**ARDUINO**  
**MICROCONTROLLER PROGRAMMING USING TINKERCAD**”  
organized by the Department of **EEE** from **08-04-2021** to **13-04-2021**

*S. Sri Gowri*  
Dr.S. Sri Gowri  
HOD

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIGERAPADU, VIJAYAWADA

*[Signature]*  
Dr.M.Ekambaram Naidu  
Principal





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Date: 31-03-2021

**CIRCULAR**

The following Faculty members are informed to attend the meeting at Electronics and Communication Engineering Department office on 01-04-2021 at 2:00 PM to discuss and frame curriculum and Day wise schedule for the certificate program on "ARDUINO Programming and Interfacing"

S.No	Faculty Name	Designation	Signature
1	Dr.S.Sri Gowri	Professor & HOD	S Sri Gowri
2	Mr. B.S.S.Telesh	Assitant Professor	on
3	Mr.P.Ratna Bhaskar	Assitant Professor	Ratna
4	Mr. D.Ravi Tej	Assistant Professor	

  
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Date: 1-4-2021

**CIRCULAR**


All the IV/IV B. Tech students are here by informed that, Department of Electronics and Communication Engineering is conducting an Certification program on "ARDUINO Programming and Interfacing". The resource person is Mr. B.S.S.Telesh, Assistant Professor, Department of Electronics and Communication Engineering. The program to be held from 12-4-2021 to 17-4-2021. The details of the program are displayed in the notice board. All the interested students are instructed to contact Mr.D.Ravi Tej , Assistant Professor, Department of Electronics and Communication Engineering. on or before 8-4-2021. All the registered students must attend the program and complete the course.

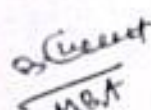
  
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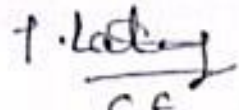
All HODs  
Date  
CSE & MCA

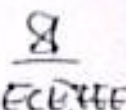
&  
SEH

  
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MBA

  
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CE

  
ECE/EE

  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

Date: 02-04-2021

**Day-Wise Schedule**

Name of the Program: "ARDUINO Programming and Interfacing"

Academic Year: 2020-21

Program Duration: 12-04-2021 to 17-04-2021

Time: 09:00AM to 05:00PM

S.NO	DAY	DATE	TOPICS
1	Monday	12-04-2021	Introduction to open source hardware and software, Introduction to ARDUINO UNO, using of digital output pins, digital input pins, analog output pins, analog input pins.
2	Wednesday	14-04-2021	Introduction to I2C , SPI, UART communication.
3	Thursday	15-04-2021	Interfacing LED , Buzzer, Pushbutton, Potentiometer to ARDUINO UNO
4	Friday	16-04-2021	Interfacing PIR sensor, LM35, DHT11, Ultrasonic sensor to ARDUINO UNO.
5	Saturday	17-04-2021	Interfacing LCD , Bluetooth, OLED to ARDUINO UNO. Prototype development on Smart Home Automation, Environmental Monitoring.

Resource Person

HOD

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

List of Students Enrolled

**Academic Year: 2020-21**

**Certificate Program on "ARDUINO Programming and Interfacing"**

S.No	Roll Number	Name Of The Student	Signature
1	18X41A0401	ABDUL RIHANA GULSHAN	A.Rihana Gulshan
2	18X41A0402	ABDUL YASMIN	A.Yasmin.
3	18X41A0403	AKURATHI VEDA NAGAVALLI	A.Veda Nagavalli
4	18X41A0404	ANNABATHULA ANIL KUMAR	A.Anilkumar
5	18X41A0420	KETHAVATHU DEEPTHI	K.Deepthi
6	18X41A0421	KODALI SUNEEL	K.Suneel
7	18X41A0422	KONAKANCHI ABHINAV	K.Abhinav
8	18X41A0423	KOPPARTHI KUMAR SAI SREE RAM	K.Kumar Sai
9	18X41A0424	KORNALA MOUNIKA	K.Mounika
10	18X41A0453	DARAM ABHISHEK	D.Abhishhek
11	18X41A0454	THURIMELLA KUSHAN SAI	T.Kushan Sai
12	18X41A0455	GALIPALLI PAVAN KUMAR	G.Pavan Kumar
13	18X41A0457	VEMPATI GEETHIKA	V.Geethika
14	18X41A0458	VENKATESWARAN SEENIVASAN	V.Seenivasan
15	18X41A0461	A BABY PUSHPA SRI	Pushpa Sri
16	18X41A0462	ANDE SRI VAISHNAVI	Vaishnavi
17	18X41A0463	ANDE TEJO VINNY	Vinny-7
18	18X41A0464	ANUMOLU JAGADEESWAR	Jagadeesh

Page 1 of 2  
  
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ENGINEERING**

S.No	Roll Number	Name Of The Student	Signature
19	18X41A0465	ARJI VEERA SIVANI	A.V. Sivani
20	18X41A0472	DOKKU JHANSI RANI	D. Jhansi Rani
21	18X41A0473	VETA VENNELA	V. Vennela
22	18X41A0474	GOTTUMUKKALA SASI SRI	G. Sasi Sri
23	18X41A0478	KATTA SAI CHARAN	K. Sai Charan
24	18X41A0479	KOLAKALURI RAVEEN	K. Raveen
25	18X41A0488	MELAM MOUNIKA BHARGAVI	M.M. Bhargavi
26	18X41A0489	MOPURI PRASAD REDDY	M. Prasad Reddy
27	18X41A0490	NARAYANAPURAPU VIJAYA REKHA	N. Vijaya Rekha
28	18X41A0491	NARUMANCHI DURGA SRI LASYA	N.D.S. Lasya
29	18X41A0492	P MANIKANTA	P. Manikanta
30	18X41A0493	PAMMI DEVI VARUN TEJA	P. Pammi Devi Varun Teja
31	18X41A0497	POKALA LAKSHMI GOWRI	P. Lakshmi Gowri
32	18X41A0498	DAPPILI MADHU PAVAN KUMAR	D. Madhu Pavan Kumar
33	18X41A0499	SHAIK SHAHABAZ	S.R. Shahabaz

  
Program Coordinator

  
HOD





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**DAY-WISE ATTENDANCE REPORT**

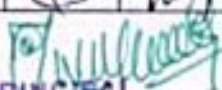
Academic Year: 2020-21

Commencement Date: 12-04-2021

Program Duration: 12-04-2021 to 17-04-2021

Program Title: "ARDUINO Programming and Interfacing"

S. No	ROLL NO	12/4/2021		14/4/2021		15/4/2021		16/4/2021		17/4/2021	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	18X41A0401	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan	A.Pihara Gullshan
2	18X41A0402	A.Yashwanth	A.Yashwanth	A.Yashwanth	A.Yashwanth	A.Yashwanth	A.Yashwanth	A.Yashwanth	A.Yashwanth	A.Yashwanth	A.Yashwanth
3	18X41A0403	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari	A.Veda Nageswari
4	18X41A0404	A.Ashini	A.Ashini	A.Ashini	A.Ashini	A.Ashini	A.Ashini	A.Ashini	A.Ashini	A.Ashini	A.Ashini
5	18X41A0420	K.Deepthi	K.Deepthi	K.Deepthi	K.Deepthi	K.Deepthi	K.Deepthi	K.Deepthi	K.Deepthi	K.Deepthi	K.Deepthi
6	18X41A0421	K.Suneel	K.Suneel	K.Suneel	K.Suneel	K.Suneel	K.Suneel	K.Suneel	K.Suneel	K.Suneel	K.Suneel
7	18X41A0422	K.Ashish	K.Ashish	K.Ashish	K.Ashish	K.Ashish	K.Ashish	K.Ashish	K.Ashish	K.Ashish	K.Ashish
8	18X41A0423	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai	K.Kamal Sai
9	18X41A0424	K.HANVITA	K.HANVITA	K.HANVITA	K.HANVITA	K.HANVITA	K.HANVITA	K.HANVITA	K.HANVITA	K.HANVITA	K.HANVITA
10	18X41A0453	D.Ashish	D.Ashish	D.Ashish	D.Ashish	D.Ashish	D.Ashish	D.Ashish	D.Ashish	D.Ashish	D.Ashish
11	18X41A0454	T.Tyler	T.Tyler	T.Tyler	T.Tyler	T.Tyler	T.Tyler	T.Tyler	T.Tyler	T.Tyler	T.Tyler
12	18X41A0455	K.PANVITA	K.PANVITA	K.PANVITA	K.PANVITA	K.PANVITA	K.PANVITA	K.PANVITA	K.PANVITA	K.PANVITA	K.PANVITA
13	18X41A0457	V.Geehlita	V.Geehlita	V.Geehlita	V.Geehlita	V.Geehlita	V.Geehlita	V.Geehlita	V.Geehlita	V.Geehlita	V.Geehlita
14	18X41A0458	V.Sunil	V.Sunil	V.Sunil	V.Sunil	V.Sunil	V.Sunil	V.Sunil	V.Sunil	V.Sunil	V.Sunil
15	18X41A0461	Purva	Purva	Purva	Purva	Purva	Purva	Purva	Purva	Purva	Purva
16	18X41A0462	Varun	Varun	Varun	Varun	(A)	(A)	Varun	Varun	Varun	Varun
17	18X41A0463	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	(A)	Vinay	Vinay

  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
 ENGINEERING**

18	18X41A0464	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna
19	18X41A0465	AV. Srinivas	AV. Srinivas	AV. Srinivas	AV. Srinivas	AV. Srinivas	AV. Srinivas	AV. Srinivas	AV. Srinivas	AV. Srinivas	AV. Srinivas
20	18X41A0472	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani	D. Jhansi Rani
21	18X41A0473	V. Venkata	V. Venkata	V. Venkata	V. Venkata	V. Venkata	V. Venkata	V. Venkata	V. Venkata	V. Venkata	V. Venkata
22	18X41A0474	G. Saisri	G. Saisri	G. Saisri	G. Saisri	G. Saisri	G. Saisri	G. Saisri	G. Saisri	G. Saisri	G. Saisri
23	18X41A0478	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan
24	18X41A0479	K. Haran	K. Haran	K. Haran	K. Haran	K. Haran	K. Haran	K. Haran	K. Haran	K. Haran	K. Haran
25	18X41A0488	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava	M.M. Bhargava
26	18X41A0489	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy	M. Prasad Reddy
27	18X41A0490	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha	N. Vijaya Ritha
28	18X41A0491	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal	N.D. Sanyal
29	18X41A0492	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha
30	18X41A0493	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha
31	18X41A0497	P.L. Gowri	P.L. Gowri	P.L. Gowri	P.L. Gowri	P.L. Gowri	P.L. Gowri	P.L. Gowri	P.L. Gowri	P.L. Gowri	P.L. Gowri
32	18X41A0498	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha	P. Anitha
33	18X41A0499	S.K. Sathya	S.K. Sathya	S.K. Sathya	S.K. Sathya	S.K. Sathya	S.K. Sathya	S.K. Sathya	S.K. Sathya	S.K. Sathya	S.K. Sathya
Coordinator Sign											

S. Sri Gowri  
 HOD - ECE

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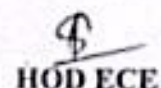
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**


Date: 19-4-2021

**PROGRAM REPORT**

- Name of the Program** : Five day certification course on "ARDUINO Programming and Interfacing"
- Date** : 12-04-2021 to 17-04-2021
- Resource Person** : Mr. B.S.S.Telesh, Assistant Professor, Department of Electronics and Communication Engineering, Mobile No: 9177049049
- Number of Participants** : 33
- Program Objective** : The objective of this program is to educate the students about ARDUINO platform concepts, Interfacing mechanisms and various applications in real time.
- Topics Covered** : The topics covered in this program are
- ARDUINO UNO Overview
  - Pin configurations
  - Interfacing mechanism
  - PIR sensor, DHT11 usage
  - Interfacing with Buzzers, LED etc.
  - Developing Home Automation prototype.
- Program Outcome** : Completing this course should provide the students with a good Understanding of ARDUINO operations and its interfacing with various peripherals and various real time applications.

  
Program Coordinator

  
HOD ECE

  
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## CERTIFICATE

This is to certify that Mr./Ms.....ABDUL YASMIN.....  
of bearing Roll No .....18X41A0602..... has participated in a five day Add-On  
certificate program on "ARDUINO Programming and Interfacing" held from 12-04-2021  
to 17-04-2021, organized by Department of Electronics and Communication Engineering.

  
Head of the Department

  
Resource Person

  
Principal






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## CERTIFICATE

This is to certify that Mr./Ms.....A. VEDA NAGAVALLI.....  
of bearing Roll No .....18XU1A9403..... has participated in a five day Add-On  
certificate program on "ARDUINO Programming and Interfacing" held from 12-04-2021  
to 17-04-2021, organized by Department of Electronics and Communication Engineering.

  
Head of the Department

  
Resource Person

  
Principal







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## CERTIFICATE

This is to certify that Mr./Ms.....ABDUL RIHAN GULSHAN.....  
of bearing Roll No .....18A41A0421..... has participated in a five day Add-On  
certificate program on "ARDUINO Programming and Interfacing" held from 12-04-2021  
to 17-04-2021, organized by Department of Electronics and Communication Engineering.

  
Head of the Department

  
Resource Person

  
Principal

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## CERTIFICATE

This is to certify that Mr./Ms.....A: ANIL KUMAR.....  
of bearing Roll No .....18X41A0404..... has participated in a five day Add-On  
certificate program on "ARDUINO Programming and Interfacing" held from 12-04-2021  
to 17-04-2021, organized by Department of Electronics and Communication Engineering.

  
Head of the Department

  
Resource Person

  
Principal

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Date: 21-8-2021

**CIRCULAR**

The following Faculty members are informed to attend the meeting at Electronics and Communication Engineering Department office on 25-8-2021 at 2:00 PM to discuss and frame curriculum and Day wise schedule for the certificate program on "Cloud Computing using AWS"

S.No	Faculty Name	Designation	Signature
1	Dr.S.Sri Gowri	Professor & HOD	S.Sri Gowri
2	Mrs.A.V.P.Sarvari	Assitant Professor	Asst.
3	Mr.P.Ratna Bhaskar	Assitant Professor	Bhal
4	Mr. B.S.S.Tejesh	Assistant Professor	Th

  
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Date: 26-8-2021

**CIRCULAR**

All the III/IV B. Tech students are here by informed that, Department of Electronics and Communication Engineering is conducting a Certification program on "Cloud Computing using AWS". The resource person is Mrs. A.V.P.Sarvari, Assistant Professor, Department of Electronics and Communication Engineering. The program to be held from 6-9-2021 to 13-9-2021. The details of the program are displayed in the notice board. All the interested students are instructed to contact Mr.B.S.S.Telesh , Assistant Professor, Department of Electronics and Communication Engineering.on or before 3-9-2021. All the registered students must attend the program and complete the course.

Principal

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

Date: 26-8-2021

**Day-Wise Schedule**


Name of the Program: **"Cloud Computing using AWS"**

Academic Year: **2020-21**

Program Duration: **06-9-2021 to 13-9-2021**

Time: **09:00AM to 05:00PM**

S.NO	DAY	DATE	TOPICS
1	Monday	06-09-2021	Cloud Concepts Overview Introduction to cloud computing Advantages of cloud computing Introduction to Amazon Web Services (AWS) Moving to the AWS Cloud – The AWS Cloud Adoption Framework (AWS CAF) Cloud Economics and Billing Fundamentals of pricing Total Cost of Ownership Billing Technical support AWS Global Infrastructure Overview AWS Global Infrastructure AWS services and service category overview
2	Tuesday	07-09-2021	AWS Cloud Security AWS shared responsibility model AWS Identity and Access Management (IAM) Securing a new AWS account Securing accounts Securing data on AWS Working to ensure compliance
3	Wednesday	08-09-2021	Networking and Content Delivery Networking basics Amazon VPC VPC networking VPC security Amazon Route 53 Amazon Cloud Front
4	Thursday	09-09-2021	Compute Compute services overview Amazon EC2

  
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			Amazon EC2 cost optimization Container services Introduction to AWS Lambda Introduction to AWS Elastic Beanstalk <b>Storage</b> Amazon Elastic Block Store (Amazon EBS) Amazon Simple Storage Service (Amazon S3) Amazon Elastic File System (Amazon EFS) Amazon Simple Storage Service Glacier
5	Friday	10-09-2021	<b>Databases</b> Amazon Relational Database Service (Amazon RDS) Amazon DynamoDB Amazon Redshift Amazon Aurora <b>Cloud Architecture</b> Amazon Relational Database Service (Amazon RDS) Amazon DynamoDB Amazon Redshift Amazon Aurora <b>Automatic Scaling and Monitoring</b> Elastic Load Balancing Amazon CloudWatch Amazon EC2 Auto Scaling

  
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ENGINEERING**

List of Students Registered

Academic Year: 2020-21

Certificate Program on "Cloud Computing using AWS"

S.No	Roll Number	Name Of The Student	Signature
1	18X41A0404	ANNABATHULA ANIL KUMAR	Anil
2	18X41A0406	AVIRNI SRI RAMSAI	Sri Ram
3	18X41A0407	B JASWANTH V SAI KRISHNA	Jaswanta
4	18X41A0410	CHEKKA DIANA PRIYA	Priya
5	18X41A0411	G SIRISHA	Sirisha
6	18X41A0412	GANAPARAPU M V N P KUMAR	Paran
7	18X41A0413	GUDURU SAI PHANINDRA	phani
8	18X41A0418	KANCHERLA NAVEEN	Naveen
9	18X41A0419	KATURU ROHITH KUMAR	Rohith
10	18X41A0420	KETHAVATHU DEEPTHI	Deepthi
11	18X41A0421	KODALI SUNEEL	Suneel
12	18X41A0425	LANKA JYOTHI	Jyothi
13	18X41A0426	SALIKITI SUNNY	Sunny
14	18X41A0427	MALLELA TARMILA DEVI	Tarmiladevi
15	18X41A0430	MARAMPUDI ANITHA	Anitha
16	18X41A0431	MAREEDU SOWJANYA LAKSHMI	M. Sowjanya Lakshmi
17	18X41A0432	MARREDDY AMARNADH REDDY	M. Amarnadh Reddy
18	18X41A0434	MOPIDEVI VIJAYA	M. Vijaya
19	18X41A0435	ORSU POOJARAMANI	Poojaramani

  
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S.No	Roll Number	Name Of The Student	Signature
20	18X41A0437	PAMARTHI SARANYA	P.Saranya
21	18X41A0439	PASUPULETI PRAVALLIKA	P.Pravallika
22	18X41A0441	PENAMAKURU BHAVANA	P. Bhavana
23	18X41A0442	PUPPALA PAVANA SAI SRI	P. Pavana Sai Sri
24	18X41A0452	DULIPALA CHARAN	D. Charan
25	18X41A0454	THURIMELLA KUSHAN SAI	T. Kushan Sai
26	18X41A0455	GALIPALLI PAVAN KUMAR	G. Pavan Kumar
27	18X41A0462	ANDE SRI VAISHNAVI	A. Sri Vaishnavi
28	18X41A0463	ANDE TEJO VINNY	A. Tejo Vinny
29	18X41A0464	ANUMOLU JAGADEESWAR	A. Jagadeeswar
30	18X41A0466	BANDLA HARISH KUMAR	B. Harish Kumar
31	18X41A0467	BODDUKURI SATYA KIREET	S. Satya Kireet
32	18X41A0468	BURADAGUNTA SWARNA LATHA	B. Swarnalatha
33	18X41A0469	CHALLA VENKATA SIVAJAH	C. Venkata Sivaiah
34	18X41A0473	VETA VENNELA	V. Vennela
35	18X41A0476	HARIMANIKYAM SIVA CHARAN	H. Siva Charan
36	18X41A0477	KANAKAMEDALA BHARAT	K. Bharat
37	18X41A0478	KATTA SAI CHARAN	K. Sai Charan
38	18X41A0479	KOLAKALURI RAVEEN	K. Raveen
39	18X41A0484	KOVAGANI ANIL KUMAR	K. Anil Kumar
40	18X41A0486	MEDIDI ASHA RAMYA	M. Asha Ramya
41	18X41A0487	MEKA RAKESH	M. Rakesh
42	18X41A0489	MOPURI PRASAD REDDY	M. Prasad Reddy

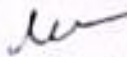
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S.No	Roll Number	Name Of The Student	Signature
43	18X41A0491	NARUMANCHI DURGA SRI LASYA	N. Lasya
44	18X41A0492	P MANIKANTA	P. Manikanta
45	18X41A0498	DAPPILI MADHU PAVAN KUMAR	D. Pavan Kumar
46	18X41A0499	SHAIK SHAHABAZ	Sk. Shahabaz

  
Program Coordinator

  
HOD

  
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**DAY-WISE ATTENDANCE REPORT**

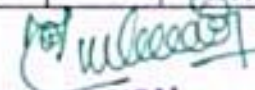
Academic Year: 2020-21

Commencement Date: 06-09-2021

Program Duration: 06-09-2021 to 13-09-2021

Program Title: " Cloud Computing using AWS"

S. No	ROLL NO	06/09/2021		07/09/2021		08/09/2021		09/09/2021		13/09/2021	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	18X41A0404	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil
2	18X41A0406	Srinu	Srinu	Srinu	Srinu	Srinu	Srinu	Srinu	Srinu	Srinu	Srinu
3	18X41A0407	Janus	Janus	Janus	Janus	Janus	Janus	Janus	Janus	Janus	Janus
4	18X41A0410	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
5	18X41A0411	Sruha	Sruha	Sruha	Sruha	Sruha	Sruha	Sruha	Sruha	Sruha	Sruha
6	18X41A0412	Paran	Paran	Paran	Paran	Paran	Paran	Paran	Paran	Paran	Paran
7	18X41A0413	phani	phani	(A)	(A)	phani	phani	phani	phani	phani	phani
8	18X41A0418	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	(A)	(A)
9	18X41A0419	Pohit	Pohit	Pohit	Pohit	(A)	Pohit	Pohit	Pohit	Pohit	Pohit
10	18X41A0420	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi
11	18X41A0421	Suneel	Suneel	Suneel	Suneel	Suneel	Suneel	Suneel	Suneel	Suneel	Suneel
12	18X41A0425	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
13	18X41A0426	Surya	Surya	Surya	Surya	(A)	(A)	Surya	Surya	Surya	Surya
14	18X41A0427	Tarunika	(A)	Tarunika	Tarunika	Tarunika	Tarunika	Tarunika	Tarunika	Tarunika	Tarunika
15	18X41A0430	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha
16	18X41A0431	M. Sanyal	M. Sanyal	M. Sanyal	M. Sanyal	M. Sanyal	M. Sanyal	M. Sanyal	M. Sanyal	M. Sanyal	M. Sanyal
17	18X41A0432	M. Anand	M. Anand	M. Anand	M. Anand	M. Anand	M. Anand	M. Anand	(A)	M. Anand	M. Anand
18	18X41A0434	M. Vijay	M. Vijay	M. Vijay	M. Vijay	M. Vijay	M. Vijay	M. Vijay	M. Vijay	M. Vijay	M. Vijay
19	18X41A0435	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
20	18X41A0437	Saranya	Saranya	Saranya	Saranya	Saranya	Saranya	Saranya	Saranya	Saranya	(A)
21	18X41A0439	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
22	18X41A0441	P. Bhavani	P. Bhavani	P. Bhavani	P. Bhavani	P. Bhavani	P. Bhavani	P. Bhavani	P. Bhavani	P. Bhavani	P. Bhavani
23	18X41A0442	P. Lavana	P. Lavana	P. Lavana	P. Lavana	P. Lavana	P. Lavana	P. Lavana	P. Lavana	P. Lavana	P. Lavana
24	18X41A0452	D. Chaitan	D. Chaitan	D. Chaitan	D. Chaitan	D. Chaitan	D. Chaitan	D. Chaitan	D. Chaitan	D. Chaitan	D. Chaitan
25	18X41A0454	T. Nylar	T. Nylar	T. Nylar	T. Nylar	T. Nylar	T. Nylar	T. Nylar	T. Nylar	T. Nylar	T. Nylar

  
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26	18X41A0455	A. Parvathi	A. Parvathi	A. Parvathi	A. Parvathi	A. Parvathi	A. Parvathi	A. Parvathi	A. Parvathi	A. Parvathi	A. Parvathi
27	18X41A0462	A. Varshini	A. Varshini	A. Varshini	A. Varshini	A. Varshini	A. Varshini	A. Varshini	A. Varshini	A. Varshini	A. Varshini
28	18X41A0463	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny	A. Tejo Viny
29	18X41A0464	A. Jagadees	A. Jagadees	A. Jagadees	A. Jagadees	A. Jagadees	A. Jagadees	A. Jagadees	A. Jagadees	A. Jagadees	A. Jagadees
30	18X41A0466	B. Harish	B. Harish	B. Harish	B. Harish	B. Harish	B. Harish	B. Harish	B. Harish	B. Harish	B. Harish
31	18X41A0467	B. KIRSHI	B. KIRSHI	B. KIRSHI	(A)	B. Kirshet	B. Kirshet	B. Kirshet	B. Kirshet	B. Kirshet	B. Kirshet
32	18X41A0468	B. Swarna	B. Swarna	B. Swarna	B. Swarna	B. Swarna	B. Swarna	B. Swarna	B. Swarna	B. Swarna	B. Swarna
33	18X41A0469	C. Sivani	C. Sivani	C. Sivani	C. Sivani	C. Sivani	C. Sivani	C. Sivani	C. Sivani	C. Sivani	C. Sivani
34	18X41A0473	V. Venela	V. Venela	V. Venela	V. Venela	V. Venela	V. Venela	V. Venela	V. Venela	V. Venela	V. Venela
35	18X41A0476	H. Sivaram	H. Sivaram	H. Sivaram	H. Sivaram	H. Sivaram	H. Sivaram	H. Sivaram	H. Sivaram	H. Sivaram	H. Sivaram
36	18X41A0477	K. Bharath	K. Bharath	K. Bharath	K. Bharath	K. Bharath	K. Bharath	K. Bharath	K. Bharath	K. Bharath	K. Bharath
37	18X41A0478	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan	K. Charan
38	18X41A0479	K. Raveen	K. Raveen	K. Raveen	K. Raveen	K. Raveen	K. Raveen	K. Raveen	K. Raveen	K. Raveen	K. Raveen
39	18X41A0484	K. Anil	K. Anil	K. Anil	K. Anil	K. Anil	K. Anil	K. Anil	K. Anil	K. Anil	K. Anil
40	18X41A0486	M. Ashaani	M. Ashaani	M. Ashaani	M. Ashaani	M. Ashaani	M. Ashaani	M. Ashaani	M. Ashaani	M. Ashaani	M. Ashaani
41	18X41A0487	M. Rakesh	M. Rakesh	M. Rakesh	M. Rakesh	M. Rakesh	M. Rakesh	M. Rakesh	M. Rakesh	M. Rakesh	M. Rakesh
42	18X41A0489	M. Prasad	(A)	M. Prasad	M. Prasad	M. Prasad	M. Prasad	M. Prasad	M. Prasad	M. Prasad	M. Prasad
43	18X41A0491	N. Latha	N. Latha	N. Latha	N. Latha	N. Latha	N. Latha	N. Latha	N. Latha	N. Latha	(A)
44	18X41A0492	P. Manikanta	P. Manikanta	P. Manikanta	P. Manikanta	P. Manikanta	P. Manikanta	P. Manikanta	P. Manikanta	P. Manikanta	P. Manikanta
45	18X41A0498	O. Madhu	O. Madhu	O. Madhu	(A)	O. Madhu	O. Madhu	O. Madhu	O. Madhu	O. Madhu	O. Madhu
46	18X41A0499	S. Shabari	S. Shabari	S. Shabari	S. Shabari	S. Shabari	S. Shabari	S. Shabari	S. Shabari	S. Shabari	S. Shabari
Coordinator Sign											

S. Sri Ganu  
HOD - ECE

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**Cloud Computing using AWS**

**Quiz**

1. Under the shared responsibility model, which of the following is the customer responsible for? [ ]
- A. Ensuring that disk drives are wiped after use.
  - B. Ensuring that firmware is updated on hardware devices.
  - C. Ensuring that data is encrypted at rest.
  - D. Ensuring that network cables are category six or higher.
2. Which service stores objects, provides real-time access to those objects, and offers versioning and lifecycle capabilities? [ ]
- A. Amazon Glacier
  - B. AWS Storage Gateway
  - C. Amazon S3
  - D. Amazon EBS
3. A customer would like to design and build a new workload on AWS Cloud but does not have the AWS-related software technical expertise in-house. Which of the following AWS programs can a customer take advantage of to achieve that outcome? [ ]
- A. AWS Partner Network Technology Partners
  - B. AWS Partner Network Consulting Partners
  - C. AWS Marketplace
  - D. AWS Service Catalog
4. Distributing workloads across multiple Availability Zones supports which cloud architecture design principle? [ ]
- A. Design for failure.
  - B. Design for agility.
  - C. Implement automation.
  - D. Implement elasticity.
5. Which of the following inspects AWS environments to find opportunities that can save money for users and also improve system performance? [ ]
- A. AWS Cost Explorer
  - B. AWS Trusted Advisor
  - C. Consolidated billing
  - D. Detailed billing

  
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6. Which of the following Amazon EC2 pricing models allow customers to use existing server-bound software licenses? [ ]
- A. Spot Instances
  - B. Reserved Instances
  - C. On-Demand Instances
  - D. Dedicated Hosts
7. Which service enables risk auditing by continuously monitoring and logging account activity, including user actions in the AWS Management Console and AWS SDKs? [ ]
- A. Amazon CloudWatch
  - B. AWS CloudTrail
  - C. AWS Config
  - D. AWS Health
8. Which services can be used across hybrid AWS Cloud architectures? (Choose two.) [ ]
- A. Amazon Route 53
  - B. Virtual Private Gateway
  - C. Classic Load Balancer
  - D. Auto Scaling
  - E. Amazon CloudWatch default metrics
9. What costs are included when comparing AWS Total Cost of Ownership (TCO) with on-premises TCO? [ ]
- A. Project management
  - B. Antivirus software licensing
  - C. Data center security
  - D. Software development
10. A company is considering using AWS for a self-hosted database that requires a nightly shutdown for maintenance and cost-saving purposes. Which service should the company use? [ ]
- A. Amazon Redshift
  - B. Amazon DynamoDB
  - C. Amazon Elastic Compute Cloud (Amazon EC2) with Amazon EC2 instance store
  - D. Amazon EC2 with Amazon Elastic Block Store (Amazon EBS)
11. Which of the following is a correct relationship between regions, Availability Zones, and edge locations? [ ]
- A. Data centers contain regions.

  
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- B. Regions contain Availability Zones.  
C. Availability Zones contain edge locations.  
D. Edge locations contain regions.
12. Which of the following Reserved Instance (RI) pricing models provides the highest average savings compared to On-Demand pricing? [ ]  
A. One-year, No Upfront, Standard RI pricing  
B. One-year, All Upfront, Convertible RI pricing  
C. Three-year, All Upfront, Standard RI pricing  
D. Three-year, No Upfront, Convertible RI pricing
13. Compared with costs in traditional and virtualized data centers, AWS has: [ ]  
A. greater variable costs and greater upfront costs.  
B. fixed usage costs and lower upfront costs.  
C. lower variable costs and greater upfront costs.  
D. lower variable costs and lower upfront costs
14. A characteristic of edge locations is that they: [ ]  
A. cache frequently changing data without reaching the origin server. B. help lower latency and improve performance for users.  
C. host Amazon EC2 instances closer to users.  
D. refresh data changes daily.
15. Which of the following can limit Amazon Storage Service (Amazon S3) bucket access to specific users? [ ]  
A. A public and private key-pair  
B. Amazon Inspector  
C. AWS Identity and Access Management (IAM) policies  
D. Security Groups
16. Which of the following security-related actions are available at no cost? [ ]  
A. Calling AWS Support  
B. Accessing forums, blogs, and whitepapers  
C. Contacting AWS Professional Services to request a workshop  
D. Attending AWS classes at a local university
17. Which AWS feature will reduce the customer's total cost of ownership (TCO)? [ ]  
A. Shared responsibility security model  
B. Single tenancy  
C. Encryption  
D. Elastic computing





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18. Which of the following services will automatically scale with an expected increase in web traffic? [ ]

- A. AWS CodePipeline
- B. Elastic Load Balancing
- C. Amazon EBS
- D. AWS Direct Connect

19. Where are AWS compliance documents, such as an SOC 1 report, located? [ ]


- A. AWS Artifact
- B. AWS CloudTrail
- C. Amazon Inspector
- D. AWS Certificate Manager

20. According to best practices, how should an application be designed to run in the AWS Cloud? [ ]

- A. Use tightly coupled components.
- B. Use loosely coupled components.
- C. Use infrequently coupled components.
- D. Use frequently coupled components.

Resource Person

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- B. Regions contain Availability Zones.  
C. Availability Zones contain edge locations.  
D. Edge locations contain regions.
12. Which of the following Reserved Instance (RI) pricing models provides the highest average savings compared to On-Demand pricing? [B]  
A. One-year, No Upfront, Standard RI pricing  
B. One-year, All Upfront, Convertible RI pricing  
C. Three-year, All Upfront, Standard RI pricing  
D. Three-year, No Upfront, Convertible RI pricing
13. Compared with costs in traditional and virtualized data centers, AWS has: [C]  
A. greater variable costs and greater upfront costs.  
B. fixed usage costs and lower upfront costs.  
C. lower variable costs and greater upfront costs.  
D. lower variable costs and lower upfront costs
14. A characteristic of edge locations is that they: [D]  
A. cache frequently changing data without reaching the origin server. B. help lower latency and improve performance for users.  
C. host Amazon EC2 instances closer to users.  
D. refresh data changes daily.
15. Which of the following can limit Amazon Storage Service (Amazon S3) bucket access to specific users? [A]  
A. A public and private key-pair  
B. Amazon Inspector  
C. AWS Identity and Access Management (IAM) policies  
D. Security Groups
16. Which of the following security-related actions are available at no cost? [C]  
A. Calling AWS Support  
B. Accessing forums, blogs, and whitepapers  
C. Contacting AWS Professional Services to request a workshop  
D. Attending AWS classes at a local university
17. Which AWS feature will reduce the customer's total cost of ownership (TCO)? [D]  
A. Shared responsibility security model  
B. Single tenancy  
C. Encryption  
D. Elastic computing

  
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**Cloud Computing using AWS**  
**Quiz**

18XL1A0407  
B. Jayawanth Sai Krishna

1. Under the shared responsibility model, which of the following is the customer responsible for? [C]
- A. Ensuring that disk drives are wiped after use.
  - B. Ensuring that firmware is updated on hardware devices.
  - C. Ensuring that data is encrypted at rest.
  - D. Ensuring that network cables are category six or higher.
2. Which service stores objects, provides real-time access to those objects, and offers versioning and lifecycle capabilities? [C]
- A. Amazon Glacier
  - B. AWS Storage Gateway
  - C. Amazon S3
  - D. Amazon EBS
3. A customer would like to design and build a new workload on AWS Cloud but does not have the AWS-related software technical expertise in-house. Which of the following AWS programs can a customer take advantage of to achieve that outcome? [C]
- A. AWS Partner Network Technology Partners
  - B. AWS Partner Network Consulting Partners
  - C. AWS Marketplace
  - D. AWS Service Catalog
4. Distributing workloads across multiple Availability Zones supports which cloud architecture design principle? [A]
- A. Design for failure.
  - B. Design for agility.
  - C. Implement automation.
  - D. Implement elasticity.
5. Which of the following inspects AWS environments to find opportunities that can save money for users and also improve system performance? [B]
- A. AWS Cost Explorer
  - B. AWS Trusted Advisor
  - C. Consolidated billing
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6. Which of the following Amazon EC2 pricing models allow customers to use existing server-bound software licenses? [D]
- A. Spot Instances
  - B. Reserved Instances
  - C. On-Demand Instances
  - D. Dedicated Hosts
7. Which service enables risk auditing by continuously monitoring and logging account activity, including user actions in the AWS Management Console and AWS SDKs? [B]
- A. Amazon CloudWatch
  - B. AWS CloudTrail
  - C. AWS Config
  - D. AWS Health
8. Which services can be used across hybrid AWS Cloud architectures? (Choose two.) [A]
- A. Amazon Route 53
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  - C. Classic Load Balancer
  - D. Auto Scaling
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  - C. Data center security
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10. A company is considering using AWS for a self-hosted database that requires a nightly shutdown for maintenance and cost-saving purposes. Which service should the company use? [A]
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  - D. Amazon EC2 with Amazon Elastic Block Store (Amazon EBS)
11. Which of the following is a correct relationship between regions, Availability Zones, and edge locations? [D]
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18. Which of the following services will automatically scale with an expected increase in web traffic? [13]

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- B. Elastic Load Balancing
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19. Where are AWS compliance documents, such as an SOC 1 report, located? [A]

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- B. Regions contain Availability Zones.  
C. Availability Zones contain edge locations.  
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13. Compared with costs in traditional and virtualized data centers, AWS has: [C]  
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### Cloud Computing using AWS

#### Quiz

18X41A0404

A. ANIL KUMAR

1. Under the shared responsibility model, which of the following is the customer responsible for? [A]
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[B]

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**Cloud Computing using AWS**

**Quiz**

18X41A0406  
A. Sri Ramani

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**"Cloud Computing using AWS" Certification Program Test Results**

S.No	Roll Number	Name Of The Student	Total Score (20)	Total Percentage	Grade
1	18X41A0404	ANNABATHULA ANIL KUMAR	18	90	A
2	18X41A0406	AVIRNI SRI RAMSAI	16	80	B
3	18X41A0407	B JASWANTH V SAI KRISHNA	15	75	B
4	18X41A0410	CHEKKA DIANA PRIYA	15	75	B
5	18X41A0411	G SIRISHA	16	80	B
6	18X41A0412	GANAPARAPU M V N P KUMAR	16	80	B
7	18X41A0413	GUDURU SAI PHANINDRA	18	90	B
8	18X41A0418	KANCHERLA NAVEEN	12	60	C
9	18X41A0419	KATURU ROHITH KUMAR	15	75	B
10	18X41A0420	KETHAVATHU DEEPTHI	14	70	B
11	18X41A0421	KODALI SUNEEL	12	60	C
12	18X41A0425	LANKA JYOTHI	15	75	B
13	18X41A0426	SALIKITI SUNNY	15	75	B
14	18X41A0427	MALLELA TARMILA DEVI	15	75	B
15	18X41A0430	MARAMPUDI ANITHA	15	75	B
16	18X41A0431	M. SOWJANYA LAKSHMI	14	70	B
17	18X41A0432	M. AMARNADH REDDY	16	80	B
18	18X41A0434	MOPIDEVI VIJAYA	16	80	B
19	18X41A0435	ORSU POOJARAMANI	17	85	B
20	18X41A0437	PAMARTHI SARANYA	17	85	B
21	18X41A0439	PASUPELETI PRAVALLIKA	18	90	A





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S.No	Roll Number	Name Of The Student	Total Score (20)	Total Percentage	Grade
22	18X41A0441	PENAMAKURU BHAVANA	14	70	B
23	18X41A0442	PUPPALA PAVANA SAI SRI	14	70	B
24	18X41A0452	DULIPALA CHARAN	16	80	B
25	18X41A0454	THURIMELLA KUSHAN SAI	19	95	A
26	18X41A0455	GALIPALLI PAVAN KUMAR	13	65	C
27	18X41A0462	ANDE SRI VAISHNAVI	15	75	B
28	18X41A0463	ANDE TEJO VINNY	16	80	B
29	18X41A0464	ANUMOLU JAGADEESWAR	12	60	C
30	18X41A0466	BANDLA HARISH KUMAR	5	25	F
31	18X41A0467	BODDUKURI SATYA KIREET	6	30	F
32	18X41A0468	B. SWARNA LATHA	15	75	B
33	18X41A0469	CHALLA VENKATA SIVAIAH	8	40	D
34	18X41A0473	VETA VENNELA	16	80	B
35	18X41A0476	HARIMANIKYAM SIVA CHARAN	17	85	B
36	18X41A0477	KANAKAMEDALA BHARAT	18	90	A
37	18X41A0478	KATTA SAI CHARAN	15	75	B
38	18X41A0479	KOLAKALURI RAVEEN	10	50	D
39	18X41A0484	KOVAGANI ANIL KUMAR	15	75	B
40	18X41A0486	MEDIDI ASHA RAMYA	17	85	B
41	18X41A0487	MEKA RAKESH	15	75	B
42	18X41A0489	MOPURI PRASAD REDDY	16	80	B
43	18X41A0491	N. DURGA SRI LASYA	17	85	B

  
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44	18X41A0492	P MANIKANTA	18	90	A
45	18X41A0498	D. MADHU PAVAN KUMAR	15	75	B
46	18X41A0499	SHAIK SHAHABAZ	17	85	B

Grade	Count
A	5
B	32
C	5
D	2
Fail	2

*Jh*  
Coordinator

*Asp*  
Resource Person

*[Signature]*  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
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Date: 13-9-2021

**PROGRAM REPORT**

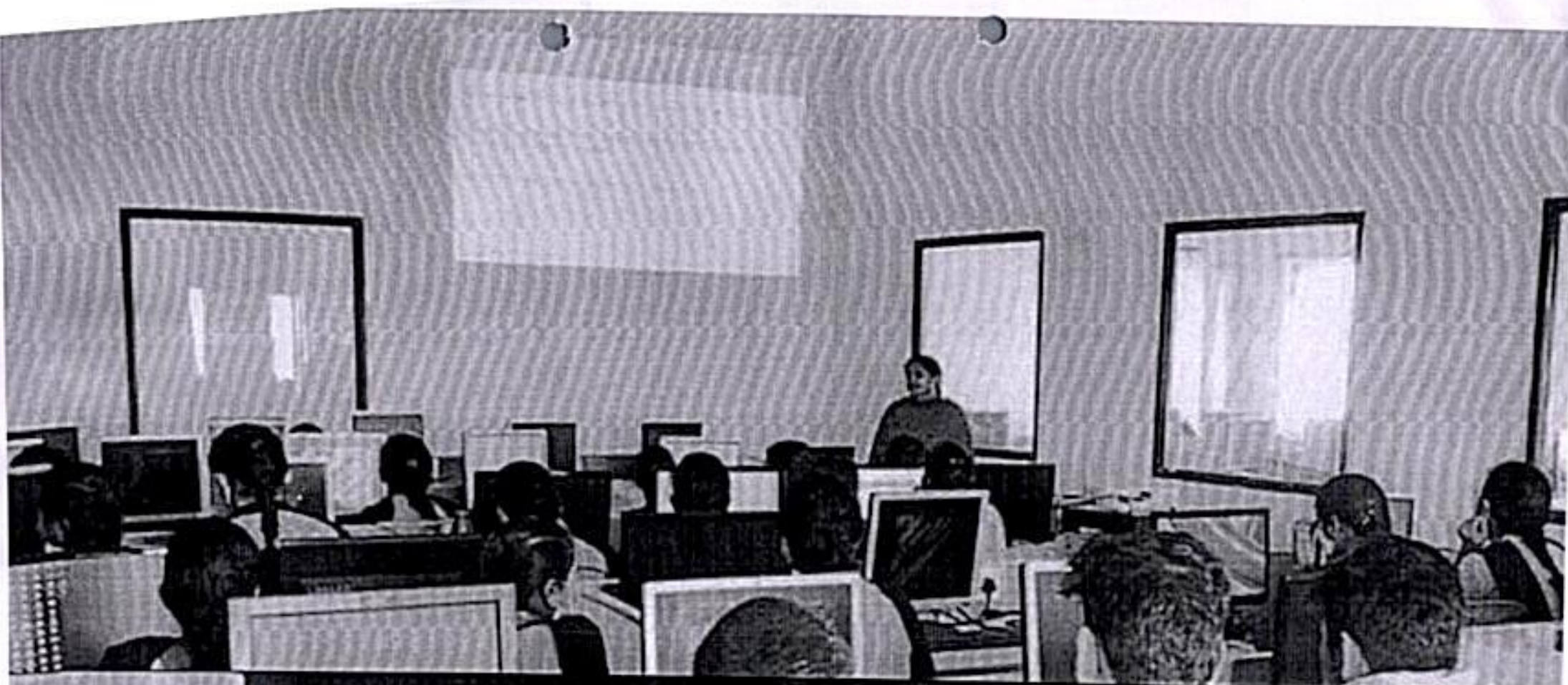
- Name of the Program** : Five day certification course on "Cloud Computing using AWS"
- Date** : 6-9-2021 to 13-9-2021
- Resource Person** : Mrs.A.V.P.Sarvari, Trainer, AWS, Mobile No: 9966011426
- Number of Participants** : 46
- Program Objective** : The objective of this program is to educate the students about Cloud Computing concepts, Amazon Web Services and Amazon Simple Storage Services and to make the students able to utilize the Cloud Computing concepts.
- Topics Covered** : The topics covered in this program are
- Cloud Concepts Overview
  - Cloud Economics and Billing
  - AWS Cloud Security
  - Storage
  - Databases
  - Cloud Architecture
- Program Outcome** : Completing this course should provide the students with a good Understanding of cloud computing and a systematic knowledge of the fundamental technologies, architecture, and security.

  
Program Coordinator

  
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HOD/ECE





Vijayawada, Andhra Pradesh, India  
SRK Institute Of Technology, Enikepadu, Vijayawada,  
Andhra Pradesh 521108, India

Lat 52.510792°  
Long 30.795111°

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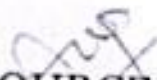
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## CERTIFICATE

This is to certify that Mr/Ms A. ANIL KUMAR

18XLIAD0404 Has actively participated in 35  
hours certification program on "*Cloud Computing using  
AWS*" organized by the Department of Electronics and  
Communication Engineering from 6.9.2021 to 13.9.2021.

  
RESOURCEPERSON

  
HoD

  
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## CERTIFICATE

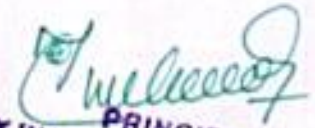
This is to certify that Mr/Ms A. SRI RAMSAI

IAXLIAOLIA Has actively participated in 35 hours certification program on "*Cloud Computing using AWS*" organized by the Department of Electronics and Communication Engineering from 6.9.2021 to 13.9.2021.

  
RESOURCEPERSON

  
HoD

  
PRINCIPAL

  
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SRK INSTITUTE OF TECHNOLOGY  
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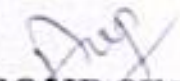
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This is to certify that Mr/Ms B. JASWANTH SAI KRISHNA

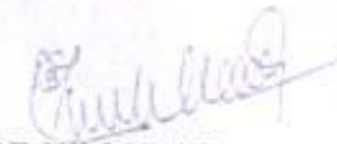
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This is to certify that Mr/Ms           C.H. DJANA PREYA          

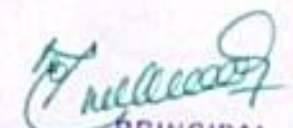
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Has actively participated in 35 hours certification program on "*Cloud Computing using AWS*" organized by the Department of Electronics and Communication Engineering from 6.9.2021 to 13.9.2021.

  
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