



# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Dr. Shilpa Mehta		
<b>Title of the Value Added Course</b>	: A course on Universe, Big Bang and Astro physics		
<b>Course Duration</b>	: 30 hours, Odd sem 2019		
<b>Course Code</b>	: ECE V 001		

## Introduction to the Course:

The course throws light upon the BIG bang theory of the origin of the universe and from there till the latest concepts of dark matter and dark energy

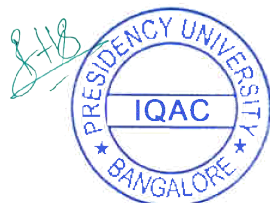
**Prerequisites: Basiv Physics from Pre University PCM Courses**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Explain the happenings at Big Bang
2. Relate space distance units to the distance units normally used in human society
3. Discuss The logic behind the concept of dark matter
4. Discuss The logic behind the concept of dark energy

## Course Content:

We have recently learned a lot of new things about how the Universe evolved , that it began 13.7 billion years ago in the famous Big Bang. The Universe has lots of mysterious Dark Matter. We will learn about the Hiigs Fiend and the recently discovered Higgs-boson. We still do not know how matter (atoms) survived against total annihilation by Anti-Matter. The Universe is being ripped apart by an accelerating expansion. Behind this is the Dark Energy in vacuum. I will present evidence behind these startling discoveries and discuss what we may learn in the near future. We will learn how stars are born, live and die, how supernovas happen and how black holes are formed. We will learn about galazies and clusters and relative sizes of things we presume to be large against an unconceivable largeness of the universe.



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

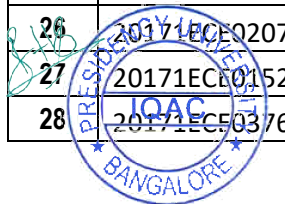
**VAC DETAILS**

Total number of hours:30

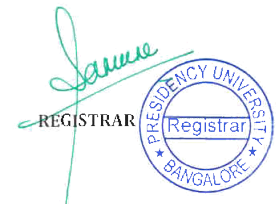
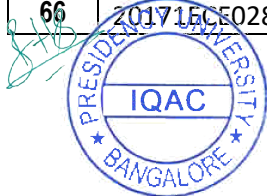
Value added Course(VAC) Name and Code:A Course on Universe, Big Bang and Astro Physics and ECE V 001

Name of the Instructor: Dr. Shilpa Mehta

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20191LEC0013	ANNAPOORNA R
2	20181ECE0022	CHANDANA N
3	20181ECE0024	DEEKSHITH D
4	20181ECE0051	KUSHAL S
5	20181ECE0068	MUKUND H
6	20181ECE9004	MAGESH K
7	20181ECE9005	NANDA KUMAR K
8	20171ECE0261	Sajin S
9	20171ECE0291	Sneha Anand Ghiwari
10	20171ECE0320	Vanishree M
11	20171ECE0159	Manda Lasya Chowdary
12	20171ECE0016	AJEX JOY P
13	20171ECE0225	Potturu Chakravarthi
14	20171ece0290	Sirisha HS
15	20171ECE0107	Jerribanda Sudhakar Reddy
16	20181LEC0002	VIRESH RAJASHEKHAR JATTI
17	20171ECE0065	Chinthalapudi RMS Swamulu
18	20171ECE0358	GOWTHAM S
19	20171ECE0270	SANKETH G
20	20171ECE0219	PEYYALA PAVAN KUMAR REDDY
21	20171ECE0045	Biragani GuruKeerthi
22	20171ECE0022	Amara Ramyasree
23	20171ECE0004	A SREEHARSHA
24	20171ECE9007	Mohammed Yaseen Khan
25	20171ECE0193	Naveen N
26	20171ECE0207	Pathapalli Hema Keerthana
27	20171ECE0152	MADDIMADUGU BHARGAV REDDY
28	20171ECE0376	Shama BH

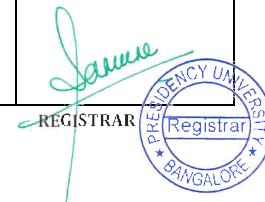


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33	20171ECE0297	Subham Dey
34	20171ECE0281	Sharan S
35	20171ECE0156	Mahima S
36	20171ECE0244	RAHUL R
37	20171ECE0013	AISHWARYA D
38	20171ECE0031	ARAYAN AAZIM
39	20171ECE0038	BADIGI SAI SANDEEP NAIK
40	20171ECE0046	Birru Avinash
41	20171ECE0047	Golthi Nikhilesh
42	20171ECE0055	Challa Ganesh
43	20171ECE0073	DARSHAN TEJOMAYA D
44	20171ECE0076	Dhanush R
45	20171ECE0084	Akhilesh G Y N
46	20171ECE0095	Guruprasad B J
47	20171ECE0131	KODURI BHANUSRI
48	20171ECE0142	Lavadiya Lavanya
49	20171ECE0146	Libita Bonachan
50	20171ECE0173	Mohammed Muddasir Ahmed
51	20171ECE0194	Naveen Vanka
52	20171ECE0195	Nerlapalli Dinesh Kumar Reddy
53	20171ECE0198	Nithin Kumar M
54	20171ECE0201	OMKARAM VENKATA KALYAN CHAKRAVARTHI
55	20171ECE0208	Pavan Hegde
56	20171ECE0216	PEDDIBOYINA MANIKANTA
57	20171ECE0217	PERABATHULA THANEESH
58	20171ECE0218	PERAM AJAY KUMAR
59	20171ECE0224	Pooja Reddy G
60	20171ECE0232	Priyanka DS
61	20171ECE0240	Punya P
62	20171ECE0251	Roshini J
63	20171ECE0253	S Karthikeyan
64	20171ECE0276	Shaik Gayaz Ahmed
65	20171ECE0283	Shivam Kumar Singh
66	20171ECE0284	Shivani suvarna

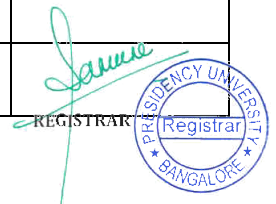
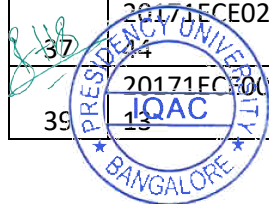


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

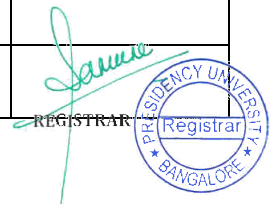
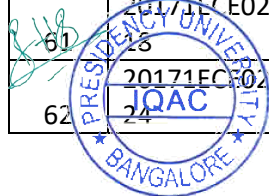
<b>Course Code :</b>	ECE V 001		<b>Academic Year :</b>			2019-2020	
<b>Course Name :</b>	A Course on Universe, Big Bang and Astro Physics		<b>Semester :</b>			Odd Semester	
			<b>Instructor-in-Charge Name :</b>			Dr. Shilpa Mehta	
			<b>Instructor-in-Charge Employee ID :</b>			PUNIV 00482	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20191LEC0013	ANNAPOORN A R	SoC	100.00	A	N	
2	20181ECE0022	CHANDANA N	SoE	76.67	A	N	
3	20181ECE0024	DEEKSHITH D	SoE	100.00	A	N	
4	20181ECE0051	KUSHAL S	SoE	100.00	8	N	
5	20181ECE0068	MUKUND H	SoE	96.67	12	Y	
6	20181ECE9004	MAGESH K	SoE	76.67	16	Y	
7	20181ECE9005	NANDA KUMAR K	SoE	90.00	12	Y	
8	20171ECE0261	Sajin S	SoE	100.00	14	Y	
9	20171ECE0291	Sneha Anand Ghiwari	SoE	100.00	A	N	
10	20171ECE0320	Vanishree M	SoE	100.00	14	Y	
11	20171ECE0159	Manda Lasya Chowdary	SoE	70.00	12	Y	
12	20171ECE0016	AJEX JOY P	SoE	76.67	8	N	
13	20171ECE0225	Potturu Chakravarthi	SoE	70.00	10	N	
14	20171ece0290	Sirisha HS	SoE	70.00	10	N	
15	20171ECE0100	Jerribanda Sudhakar Reddy	SoE	86.67	12	Y	



16	20181LECO002	VIRESH RAJASHEKHAR JATTI	SoE	70.00	12	Y	
17	20171ECE0065	Chinthalapudi RMS Swamulu	SoE	86.67	10	N	
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19	20171ECE0270	SANKETH G	SoE	86.67	10	N	
21	20171ECE0219	PEYYALA PAVAN KUMAR REDDY	SoE	86.67	16	Y	
22	20171ECE0045	Biragani GuruKeerthi	SoE	76.67	16	Y	
23	20171ECE0022	Amara Ramyasree	SoE	100.00	A	N	
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26	20171ECE0193	Naveen N	SoE	70.00	14	Y	
27	20171ECE0207	Pathapalli Hema Keerthana	SoE	100.00	12	Y	
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33	20171ECE0054	Chaitroday Subhas Pore	SoE	100.00	14	Y	
34	20171ECE0297	Subham Dey	SoE	70.00	8	N	
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39	20171ECE0013	AISHWARYA D	SoE	70.00	A	N	



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41	20171ECE00 38	BADIGI SAI SANDEEP NAIK	SoE	100.0 0	A	N	
42	20171ECE00 46	Birru Avinash	SoE	70.00	6	N	
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45	20171ECE00 73	DARSHAN TEJOMAYA D	SoE	86.67	16	Y	
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55	20171ECE01 95	Nerlapalli Dinesh Kumar Reddy	SoE	86.67	A	N	
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61	20171ECE02 25	PERAM AJAY KUMAR	SoE	96.67	A	N	
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67	20171ECE02 76	Shaik Gayaz Ahmed	SoE	70.00	A	N	
68	20171ECE02 83	Shivam Kumar Singh	SoE	76.67	A	N	
69	20171ECE02 84	Shivani suvarna	SoE	70.00	10	N	

Name of Course

Instructor 1:

Dr. Shilpa Mehta

Employee ID of

Course Instructor 1: PUNIV 00482

Name of Course

Instructor 2:

NA

Employee ID of

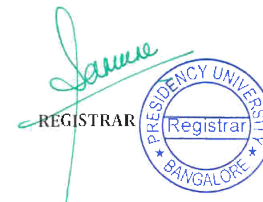
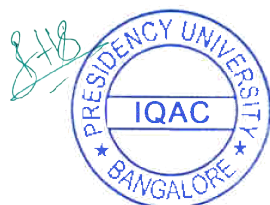
Course Instructor 2: NA



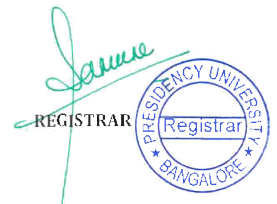
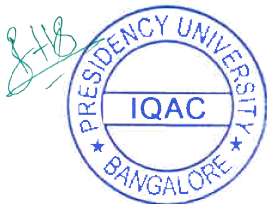
Signature of Instructor-in-Charge



Signature of HOD



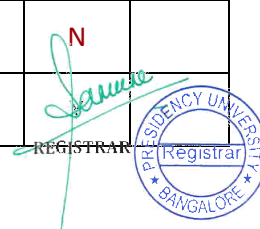
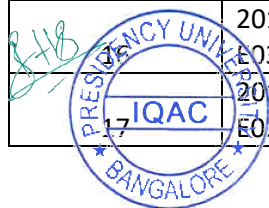
<b>Presidency University, Bengaluru</b>		
<b>Department of ECE</b>		
<b>School of Engineering</b>		
<b>VAC DETAILS</b>		
<b>Total number of hours:30</b>		
<b>Value added Course(VAC) Name and Code:A Course on Universe, Big Bang and Astro Physics and ECE V 001</b>		
<b>Name of the Instructor:Dr. Shilpa Mehta</b>		
<b>S.No.</b>	<b>STUDENT ROLL NO</b>	<b>STUDENT NAME</b>
1	20181ECE0158	BORRA NANDA KUMAR REDDY
2	20181ECE9009	SAI KIRAN R PASTAY
3	20181ECE9018	ROHESH KUMAR B M
4	20181ECE0203	GANGIREDDYGARI PAVANKUMAR REDDY
5	20181ECE0230	K NARENDRA KUMAR
6	20181ECE0232	KALUKUNTA TEJESWAR REDDY
7	20181ECE9013	SACHIN N M
9	20181ECE0274	MADEM GURU HARINATH REDDY
10	20181ECE9015	M BHARATH MANOHARA
11	20191LEC0005	SHWETA S HIREMATH
12	20181ECE0177	CHINTHAKUNTA SUDHEER VARMA
13	20181ECE0287	MUKESH MEENAN C
14	20171ECE0289	S V Rahul
15	20171ECE0307	TELKAR GOVINDA RAO ANOSH
16	20171ECE0314	V TEJ KUMAR
17	20171ECE0316	VAISHALI L G
18	20171ECE0321	Varshitha M
19	20171ECE0329	Vinay P
20	20181lec0007	Chetan p
21	20181lec0015	K vinay kumar
22	20181lec9003	Pradeep Kumar R





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science / Design**

Course Code :	ECE V 001		Academic Year :			2019-2020	
Course Name :	A Course on Universe, Big Bang and Astro Physics		Semester :			Even Semester	
			Instructor-in-Charge Name :			Dr. Shilpa Mehta	
			Instructor-in-Charge Employee ID :			PUNIV00482	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181EC E0158	BORRA NANDA KUMAR REDDY	SoC	100.00	22.00	Y	
2	20181EC E9009	SAI KIRAN R PASTAY	SoE	76.67	23.00	Y	
3	20181EC E9018	ROHESH KUMAR B M	SoE	100.00	10.00	N	
4	20181EC E0203	GANGIREDDYGARI PAVANKUMAR REDDY	SoE	100.00	25.00	Y	
5	20181EC E0230	K NARENDRA KUMAR	SoE	96.67	23.00	Y	
6	20181EC E0232	KALUKUNTA TEJESWAR REDDY	SoE	76.67	24.00	Y	
7	20181EC E9013	SACHIN N M	SoE	90.00	17.00	Y	
8	20181EC E0238	KARI BALA VENKATESWARLU	SoE	100.00	18.00	Y	
9	20181EC E0274	MADAM GURU HARINATH REDDY	SoE	100.00	9.00	n	
10	20181EC E9015	M BHARATH MANOHARA	SoE	70.00	9.00	N	
11	20191LEC 0005	SHWETA S HIREMATH	SoE	76.67	18.00	Y	
12	20181EC E0177	CHINTHAKUNTA SUDHEER VARMA	SoE	70.00	1.00	N	
13	20181EC E0287	MUKESH MEENAN C	SoE	70.00	15.00	Y	
14	20171EC E0289	S V Rahul	SoE	86.67	10.00	N	
15	20171EC E0307	TELKAR GOVINDA RAO ANOSH	SoE	70.00	15.00	Y	
	20171EC E0314	V TEJ KUMAR	SoE	86.67	1.00	N	
	20171EC E0316	VAISHALI L G	SoE	86.67	17.00		



18	20171EC E0321	Varshitha M	SoE	86.67	18.00	Y	
19	20171EC E0329	Vinay P	SoE	86.67	15.00	Y	
20	20181lec 0007	Chetan p	SoE	76.67	3.00	N	
21	20181lec 0015	K vinay kumar	SoE	100.00	4.00	N	
22	20181lec 9003	Pradeep Kumar R	SoE	0.00%	5.00	N	
<b>Name of Course Instructor 1:</b>			<b>Dr. Shilpa Mehta</b>				

**Employee ID of Course Instructor 1:**

**PUNIV00482**

**Name of Course Instructor 2:**

NA

**Employee ID of Course Instructor 2:**

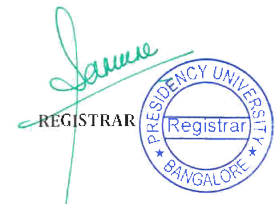
NA



**Signature of Instructor-in-Charge**



**Signature of HOD**





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Dr. Rajiv Ranjan Singh		
<b>Title of the Value Added Course</b>	: AI for Everyone		
<b>Course Duration</b>	: 30 hours, August 2019 to December 2019		
<b>Course Code</b>	: ECE V 002		

## Introduction to the Course:

The course has been designed to impart the knowledge about AI. This course is suitable for people with non-technical background too. Therefore, for students who may not have expertise will also benefit by doing this course. Besides, the course deals how it could be used by organizations in better way.

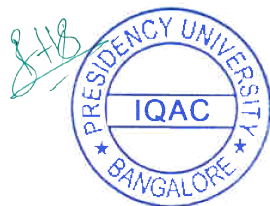
**Prerequisites: Fundamentals of Probability and Statistics, Linear Algebra. Some programming experience in C or Python.**

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Explain the meaning behind common AI terminology, including neural networks, machine learning, deep learning, and data science
2. Spot opportunities to apply AI to problems in your own organization
3. Build machine learning and data science projects
4. Work with an AI team and build an AI strategy in a company

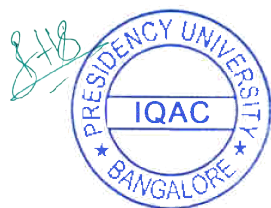
## Course Content:

The main purpose of this course is to provide the most fundamental knowledge to the students so that they can understand what is AI. The main topics: Fundamentals of AI, Problem solving, Reasoning, Pplanning, Natural language understanding, Computer vision, Automatic programming, machine learning. Algorithms for knowledge representation and reasoning; pattern recognition; fuzzy logic; and neural networks. Building AI Projects. Building AI In a Company and finally AI and Society.



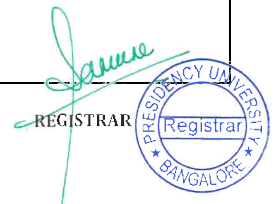
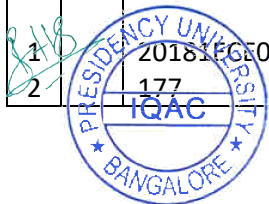
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science /**  
**Design**

<b>Course Code :</b>	<b>ECE V 002</b>	
<b>Course Name :</b>	<b>AI FOR EVERYONE</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0158	BORRA NANDA KUMAR REDDY
2	20181ECE9009	SAI KIRAN R PASTAY
3	20181ECE9018	ROHESH KUMAR B M
4	20181ECE0203	GANGIREDDYGARI PAVANKUMAR REDDY
5	20181ECE0230	K NARENDRA KUMAR
6	20181ECE0232	KALUKUNTA TEJESWAR REDDY
7	20181ECE9013	SACHIN N M
8	20181ECE0238	KARI BALA VENKATESWARLU
9	20181ECE0274	MADEM GURU HARINATH REDDY
10	20181ECE9015	M BHARATH MANOHARA
11	20191LEC0005	SHWETA S HIREMATH
12	20181ECE0177	CHINTHAKUNTA SUDHEER VARMA
13	20181ECE0287	MUKESH MEENAN C
14	20171ECE0289	S V Rahul
15	20171ECE0307	TELKAR GOVINDA RAO ANOSH
16	20171ECE0314	V TEJ KUMAR
17	20171ECE0316	VAISHALI L G
18	20171ECE0321	Varshitha M
19	20171ECE0329	Vinay P
21	20181lec0007	Chetan p
22	20181lec0015	K vinay kumar
23	20181lec9003	Pradeep Kumar R



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science / Design**

Course Code :		ECE V 002		Academic Year :			2019-2020	
Course Name :		AI for Everyone		Semester :			Odd Semester	
				Instructor-in-Charge Name :			Dr. Rajiv Ranjan Singh	
				Instructor-in-Charge Employee ID :			PUNIV00095	
S. No	UI D No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1		20181ECE0158	BORRA NANDA KUMAR REDDY	SoC	100.00	22.00	Y	
2		20181ECE9009	SAI KIRAN R PASTAY	SoE	76.67	23.00	Y	
3		20181ECE9018	ROHESH KUMAR B M	SoE	100.00	10.00	N	
4		20181ECE0203	GANGIREDDY GARI PAVANKUMAR REDDY	SoE	100.00	25.00	Y	
5		20181ECE0230	K NARENDRA KUMAR	SoE	96.67	23.00	Y	
6		20181ECE0232	KALUKUNTA TEJESWAR REDDY	SoE	76.67	24.00	Y	
7		20181ECE9013	SACHIN N M	SoE	90.00	17.00	Y	
8		20181ECE0238	KARI BALA VENKATESWARLU	SoE	100.00	18.00	Y	
9		20181ECE0274	MADEM GURU HARINATH REDDY	SoE	100.00	9.00	n	
10		20181ECE9015	M BHARATH MANOHARA	SoE	70.00	9.00	N	
11		20191LECO005	SHWETA S HIREMATH	SoE	76.67	18.00	Y	
12		20181ECE0177	CHINTHAKUNTA SUDHEER VARMA	SoE	70.00	1.00	N	



13	20181ECE0287	MUKESH MEENAN C	SoE	70.00	15.00	Y	
14	20171ECE0289	S V Rahul	SoE	86.67	10.00	N	
15	20171ECE0307	TELKAR GOVINDA RAO ANOSH	SoE	70.00	15.00	Y	
16	20171ECE0314	V TEJ KUMAR	SoE	86.67	1.00	N	
17	20171ECE0316	VAISHALI L G	SoE	86.67	17.00	Y	
18	20171ECE0321	Varshitha M	SoE	86.67	18.00	Y	
19	20171ECE0329	Vinay P	SoE	86.67	15.00	Y	
20	20181lec0007	Chetan p	SoE	76.67	3.00	N	
21	20181lec0015	K vinay kumar	SoE	100.00	4.00	N	
22	20181lec9003	Pradeep Kumar R	SoE	0.00%	5.00	..	

**Name of Course** Dr. Rajiv  
**Instructor 1:** Ranjan Singh  
**Employee ID of**  
**Course Instructor 1:** PUNIV00095

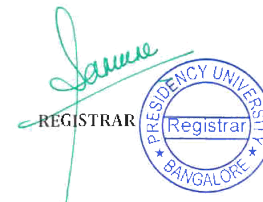
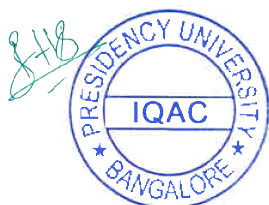


**Name of Course**  
**Instructor 2:** NA  
**Employee ID of**  
**Course Instructor 2:** NA

**Signature of Instructor-in-Charge**



**Signature of HOD**



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

**VAC DETAILS**

Total number of hours:30

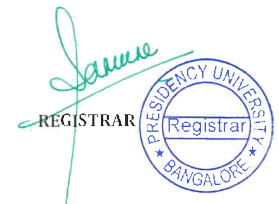
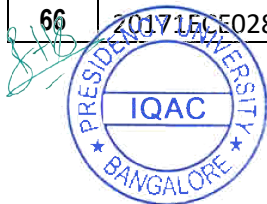
Value added Course(VAC) Name and Code:AI for Everyone ECE V 002

Name of the Instructor: Dr. Rajiv Ranjan Singh

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20191LEC0013	ANNAPOORNA R
2	20181ECE0022	CHANDANA N
3	20181ECE0024	DEEKSHITH D
4	20181ECE0051	KUSHAL S
5	20181ECE0068	MUKUND H
6	20181ECE9004	MAGESH K
7	20181ECE9005	NANDA KUMAR K
8	20171ECE0261	Sajin S
9	20171ECE0291	Sneha Anand Ghiwari
10	20171ECE0320	Vanishree M
11	20171ECE0159	Manda Lasya Chowdary
12	20171ECE0016	AJEX JOY P
13	20171ECE0225	Potturu Chakravarthi
14	20171ece0290	Sirisha HS
15	20171ECE0107	Jerribanda Sudhakar Reddy
16	20181LEC0002	VIRESH RAJASHEKHAR JATTI
17	20171ECE0065	Chinthalapudi RMS Swamulu
18	20171ECE0358	GOWTHAM S
19	20171ECE0270	SANKETH G
20	20171ECE0219	PEYYALA PAVAN KUMAR REDDY
21	20171ECE0045	Biragani GuruKeerthi
22	20171ECE0022	Amara Ramyasree
23	20171ECE0004	A SREEHARSHA
24	20171ECE9007	Mohammed Yaseen Khan
25	20171ECE0193	Naveen N
26	20171ECE0207	Pathapalli Hema Keerthana
27	20171ECE0152	MADDIMADUGU BHARGAV REDDY
28	20171ECE0376	Shama BH



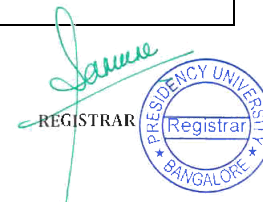
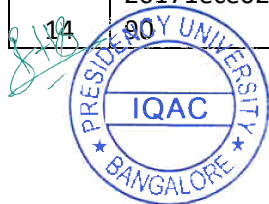
29	20171ece0241	R.jason kiran
30	20171ECE0235	pula subahan
31	20171ECE0375	Bhagyashree GN
32	20171ECE0054	Chaitroday Subhas Pore
33	20171ECE0297	Subham Dey
34	20171ECE0281	Sharan S
35	20171ECE0156	Mahima S
36	20171ECE0244	RAHUL R
37	20171ECE0013	AISHWARYA D
38	20171ECE0031	ARAYAN AAZIM
39	20171ECE0038	BADIGI SAI SANDEEP NAIK
40	20171ECE0046	Birru Avinash
41	20171ECE0047	Golthi Nikhilesh
42	20171ECE0055	Challa Ganesh
43	20171ECE0073	DARSHAN TEJOMAYA D
44	20171ECE0076	Dhanush R
45	20171ECE0084	Akhilesh G Y N
46	20171ECE0095	Guruprasad B J
47	20171ECE0131	KODURI BHANUSRI
48	20171ECE0142	Lavadiya Lavanya
49	20171ECE0146	Libita Bonachan
50	20171ECE0173	Mohammed Muddasir Ahmed
51	20171ECE0194	Naveen Vanka
52	20171ECE0195	Nerlapalli Dinesh Kumar Reddy
53	20171ECE0198	Nithin Kumar M
54	20171ECE0201	OMKARAM VENKATA KALYAN CHAKRAVARTHI
55	20171ECE0208	Pavan Hegde
56	20171ECE0216	PEDDIBOYINA MANIKANTA
57	20171ECE0217	PERABATHULA THANEESH
58	20171ECE0218	PERAM AJAY KUMAR
59	20171ECE0224	Pooja Reddy G
60	20171ECE0232	Priyanka DS
61	20171ECE0240	Punya P
62	20171ECE0251	Roshini J
63	20171ECE0253	S Karthikeyan
64	20171ECE0276	Shaik Gayaz Ahmed
65	20171ECE0283	Shivam Kumar Singh
66	20171ECE0284	Shivani suvarna



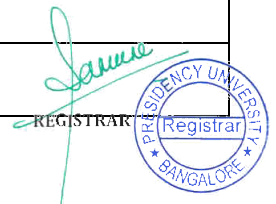
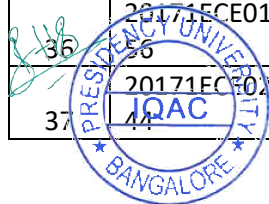


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science / Design**

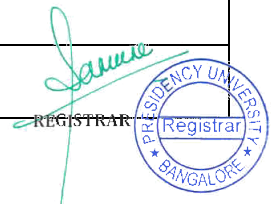
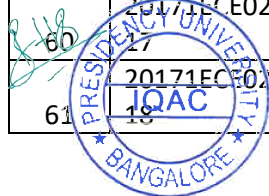
<b>Course Code :</b>	ECE V 002		<b>Academic Year :</b>			2019-2020	
<b>Course Name :</b>	Dr. Rajiv Ranjan Singh		<b>Semester :</b>			Even Semester	
			<b>Instructor-in-Charge Name :</b>			AI for Everyone	
			<b>Instructor-in-Charge Employee ID :</b>			PUNIV00095	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20191LECO013	ANNAPOORN A R	SoC	100.00	A	N	
2	20181ECE0022	CHANDANA N	SoE	76.67	A	N	
3	20181ECE0024	DEEKSHITH D	SoE	100.00	A	N	
4	20181ECE0051	KUSHAL S	SoE	100.00	8	N	
5	20181ECE0068	MUKUND H	SoE	96.67	12	Y	
6	20181ECE9004	MAGESH K	SoE	76.67	16	Y	
7	20181ECE9005	NANDA KUMAR K	SoE	90.00	12	Y	
8	20171ECE0261	Sajin S	SoE	100.00	14	Y	
9	20171ECE0291	Sneha Anand Ghiwari	SoE	100.00	A	N	
10	20171ECE0320	Vanishree M	SoE	100.00	14	Y	
11	20171ECE0159	Manda Lasya Chowdary	SoE	70.00	12	Y	
12	20171ECE0016	AJEX JOY P	SoE	76.67	8	N	
13	20171ECE0225	Potturu Chakravarthi	SoE	70.00	10	N	
14	20171ece0290	Sirisha HS	SoE	70.00	10	N	



15	20171ECE01 07	Jerribanda Sudhakar Reddy	SoE	86.67	12	Y	
16	20181LEC00 02	VIRESH RAJASHEKHAR JATTI	SoE	70.00	12	Y	
17	20171ECE00 65	Chinthalapudi RMS Swamulu	SoE	86.67	10	N	
18	20171ECE03 58	GOWTHAM S	SoE	86.67	A	Y	
19	20171ECE02 70	SANKETH G	SoE	86.67	10	N	
21	20171ECE02 19	PEYYALA PAVAN KUMAR REDDY	SoE	86.67	16	Y	
22	20171ECE00 45	Biragani GuruKeerthi	SoE	76.67	16	Y	
23	20171ECE00 22	Amara Ramyasree	SoE	100.0 0	A	N	
24	20171ECE00 04	A SREEHARSHA	SoE	100.0 0	12	Y	
25	20171ECE90 07	Mohammed Yaseen Khan	SoE	76.67	14	Y	
26	20171ECE01 93	Naveen N	SoE	70.00	14	Y	
27	20171ECE02 07	Pathapalli Hema Keerthana	SoE	100.0 0	12	Y	
28	20171ECE01 52	MADDIMADU GU BHARGAV REDDY	SoE	76.67	A	N	
29	20171ECE03 76	Shama BH	SoE	86.67	10	N	
30	20171ece02 41	R.jason kiran	SoE	86.67	A	N	
31	20171ECE02 35	pula subahan	SoE	86.67	A	N	
32	20171ECE03 75	Bhagyashree GN	SoE	100.0 0	8	N	
33	20171ECE00 54	Chaitroday Subhas Pore	SoE	100.0 0	14	Y	
34	20171ECE02 97	Subham Dey	SoE	70.00	8	N	
35	20171ECE02 81	Sharan S	SoE	70.00	14	Y	
36	20171ECE01 56	Mahima S	SoE	80.00	A	N	
37	20171ECE02 44	RAHUL R	SoE	73.33	A	N	



39	20171ECE00 13	AISHWARYA D	SoE	70.00	A	N	
40	20171ECE00 31	ARAYAN AAZIM	SoE	66.67	A	N	
41	20171ECE00 38	BADIGI SAI SANDEEP NAIK	SoE	100.0 0	A	N	
42	20171ECE00 46	Birru Avinash	SoE	70.00	6	N	
43	20171ECE00 47	Golthi Nikhilesh	SoE	100.0 0	A	N	
44	20171ECE00 55	Challa Ganesh	SoE	76.67	6	N	
45	20171ECE00 73	DARSHAN TEJOMAYA D	SoE	86.67	16	Y	
47	20171ECE00 76	Dhanush R	SoE	86.67	8	N	
48	20171ECE00 84	Akhilesh G Y N	SoE	86.67	8	N	
49	20171ECE00 95	Guruprasad B J	SoE	100.0 0	A	N	
50	20171ECE01 31	KODURI BHANUSRI	SoE	100.0 0	A	N	
51	20171ECE01 42	Lavadiya Lavanya	SoE	100.0 0	12	Y	
52	20171ECE01 46	Libita Bonachan	SoE	76.67	0	N	
53	20171ECE01 73	Mohammed Muddasir Ahmed	SoE	86.67	A	N	
54	20171ECE01 94	Naveen Vanka	SoC	86.67	A	N	
55	20171ECE01 95	Nerlapalli Dinesh Kumar Reddy	SoE	86.67	A	N	
56	20171ECE01 98	Nithin Kumar M	SoE	100.0 0	A	N	
57	20171ECE02 01	OMKARAM VENKATA KALYAN CHAKRAVART HI	SoE	100.0 0	6	N	
58	20171ECE02 08	Pavan Hegde	SoE	76.67	A	N	
59	20171ECE02 16	PEDDIBOYINA MANIKANTA	SoE	100.0 0	A	N	
60	20171ECE02 17	PERABATHUL A THANEESH	SoE	100.0 0	A	N	
61	20171ECE02 18	PERAM AJAY KUMAR	SoE	96.67	A	N	



62	20171ECE02 24	Pooja Reddy G	SoE	76.67	A	N	
63	20171ECE02 32	Priyanka DS	SoE	90.00	10	N	
64	20171ECE02 40	Punya P	SoE	100.0 0	A	N	
65	20171ECE02 51	Roshini J	SoE	100.0 0	A	N	
66	20171ECE02 53	S Karthikeyan	SoE	100.0 0	A	N	
67	20171ECE02 76	Shaik Gayaz Ahmed	SoE	70.00	A	N	
68	20171ECE02 83	Shivam Kumar Singh	SoE	76.67	A	N	
69	20171ECE02 84	Shivani suvarna	SoE	70.00	10	N	

**Name of Course** Dr. Rajiv  
**Instructor 1:** Ranjan Singh  
**Employee ID of**  
**Course Instructor 1:** PUNIV00095

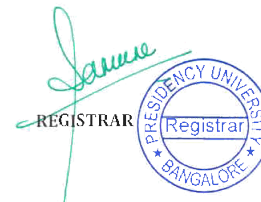
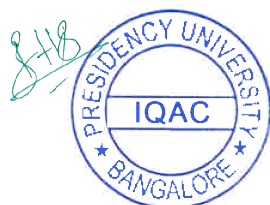
**Name of Course**  
**Instructor 2:** NA  
**Employee ID of**  
**Course Instructor 2:** NA



Signature of Instructor-in-Charge



Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Dr. Sreenivasappa B V		
<b>Title of the Value Added Course</b>	: Cyber Threats and Attack Vectors		
<b>Course Duration</b>	: 30 hours, August 2019 to December 2019		
<b>Course Code</b>	: ECE V 003		

## Introduction to the Course:

Data breaches occur nearly every day. From very large retailers, down to your fantasy football website, and anywhere in between, they have been compromised in some way. How did the attackers get in? What did they do with the data they compromised? What should I be concerned with in my own business or my systems? This course is the second course in the Practical Computer Security. It will discuss types of threats and attack vectors commonly seen in today's environment. I hate to be the bearer of bad news, but threats are all over the place! This course isn't designed to instill fear that there is no hope for keeping systems and business secure, but rather educate you on how attacks are carried out so that you have a better sense of what to look out for in your business or with your systems.

**Prerequisites: Fundamental knowledge of mathematics, signals and systems, information theory**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Explain, how did the attackers get in
2. Learn, what did attackers do with the data they compromised
3. Discuss types of threats and attack vectors commonly seen
4. Describe a better sense of what to look out for with your systems

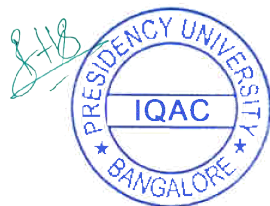
## Course Content:

The course content is divided into three module.

Module1: Threats and Attack vectors in computer security.

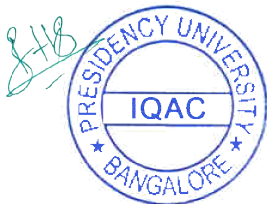
Module2: Network and system based attacks.

Module3: Cloud Security



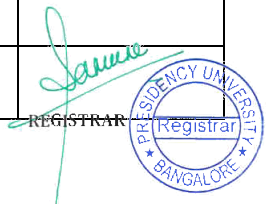
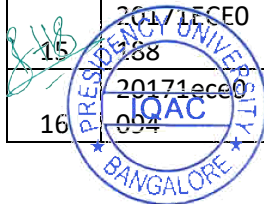
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 002</b>	
<b>Course Name :</b>	<b>Cyber Threats and Attack Vectors</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0014	B D SAI SANDEEP
2	20181ECE0074	NIKHIL S BALGANOOR
3	20181ECE0191	E MOHITH
4	20181ECE0306	OBI CHETHAN
5	20181ECE0325	PRODDATURU CHENNA KESAVA
6	20171ECE0246	Ravi B U
7	20171ECE0012	AINAVOLU BHARGAV KUMAR
8	20171ECE0280	SHAMANTH H
9	20171ECE0248	Rejo Thomas
10	20171ECE0196	Niranjan G
11	20171ECE0068	D Sri Madhu Priya
12	20171ECE0315	Vaishak N Thrilok
13	2018 LEC9001	S Puneeth kumar
14	20181LEC9001	Puneeth kumar S
15	20171ECE0188	Namitha N Kamath
16	20171ece0094	GURKHATHULASIREDDY GARI SURYAVARDHANREDDY



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science / Design**

Course Code :	ECE V 002		Academic Year :		2019-2020		
Course Name :	Cyber Threats and Attack Vectors		Semester :		Odd Semester		
			Instructor-in-Charge Name :		Dr. Sreenivasappa B V		
			Instructor-in-Charge Employee ID :		PUNIV00477		
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0014	B D SAI SANDEEP	SoC	93.33	1	N	
2	20181ECE0074	NIKHIL S BALGANOOR	SoE	76.67	1	N	
3	20181ECE0191	E MOHITH	SoE	90.00	17	Y	
4	20181ECE0306	OBI CHETHAN	SoE	100.00	22	Y	
5	20181ECE0325	PRODDATURU CHENNA KESAVA	SoE	96.67	23	Y	
6	20171ECE0246	Ravi B U	SoE	76.67	22	Y	
7	20171ECE0012	AINAVOLU BHARGAV KUMAR	SoE	90.00	22	Y	
8	20171ECE0280	SHAMANTH H	SoE	100.00	18	Y	
9	20171ECE0248	Rejo Thomas	SoE	100.00	24	Y	
10	20171ECE0196	Niranjan G	SoE	100.00	19	Y	
11	20171ECE0068	D Sri Madhu Priya	SoE	70.00	6	N	
12	20171ECE0315	Vaishak N Thrilok	SoE	76.67	2	N	
13	2018 LEC9001	S Puneeth kumar	SoE	83.33	3	N	
14	20181LEC9001	Puneeth kumar S	SoE	83.33	17	Y	
15	2017 LEC9001	Namitha N Kamath	SoE	86.67	19	Y	
16	20171ece0094	GURKHATHULASIR EDDY GARI	SoE	100.00	20	Y	



		SURYAVARDHANR EDDY				
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**Name of Course  
Instructor 1:  
Employee ID of  
Course Instructor  
1:**

**Dr. Sreenivasappa B V**

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**PUNIV00477**

**Name of Course  
Instructor 2:  
Employee ID of  
Course Instructor  
2:**

NA

NA



**Signature of Instructor-in-Charge**

*[Handwritten Signature]*

**Signature of HOD**





**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

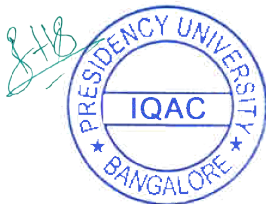
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code: Cyber Threats and Attack Vectors and ECE V 003

Name of the Instructor: Dr. Sreenivasappa B V

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0200	GANESH V
2	20191LECO010	SHASHANK R
3	20181ECE0241	KATRAGADDA YASWANTH SAI
4	20181ECE0252	KOTA REVANTH REDDY
5	20181ECE0267	LOKESHWARAN M
6	20181ECE0302	NELI KARTHIK
7	20181ECE0348	SIRIGIRI SREEKANTH
8	20181ECE0061	MANOJ H V
9	20181ECE0254	KOTALA MOKSHITHA
10	20191LECO016	SHANKAR M SHIVAMATTA
11	20171ECE0066	CHUKKAPALLI SRIRANJAN
12	20171ECE0370	KARTHIK J
13	20171ece0187	Namburi Divya
14	20171ECE0355	Ajith B



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science / Design**

<b>Course Code :</b>		<b>ECE V 003</b>		<b>Academic Year :</b>		<b>2019-2020</b>	
<b>Course Name :</b>		<b>Cyber Threats and Attack Vectors</b>		<b>Semester :</b>		<b>Even Semester</b>	
				<b>Instructor-in-Charge Name :</b>		<b>Dr. Sreenivasappa B V</b>	
				<b>Instructor-in-Charge Employee ID :</b>		<b>PUNIV00477</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181ECE0200	GANESH V	SoC	100.00	7	N	
2	20191LEC0010	SHASHANK R	SoE	73.33	5	N	
3	20181ECE0241	KATRAGADDA YASWANTH SAI	SoE	90.00	13	Y	
4	20181ECE0252	KOTA REVANTH REDDY	SoE	76.67	2	N	
5	20181ECE0267	LOKESHWARAN M	SoE	80.00	8	N	
6	20181ECE0302	NELI KARTHIK	SoE	76.67	2	N	
7	20181ECE0348	SIRIGIRI SREEKANTH	SoE	76.67	6	N	
11	20181ECE0061	MANOJ H V	SoE	96.67	12	Y	
12	20181ECE0254	KOTALA MOKSHITHA	SoE	100.00	14	Y	
13	20191LEC0016	SHANKAR M SHIVAMATTA	SoE	76.67	23	Y	
14	20171ECE0066	CHUKKAPALLI SRIRANJAN	SoE	70.00	17	Y	
15	20171ECE0370	KARTHIK J	SoE	76.67	12	Y	
16	20171ece0187	Namburi Divya	SoE	70.00	13	Y	
17	20171ECE0355	Ajith B	SoE	70.00	18	Y	

**Name of Course Instructor**

Dr. Sreenivasappa B V

**1:**

**Employee ID of Course**

PUNIV00477

**Instructor 1:**



Name of Course Instructor

2:

NA

Employee ID of Course

Instructor 2:

NA

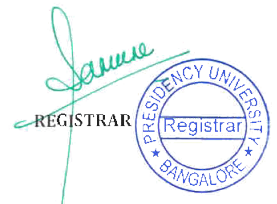
---

Signature of Instructor-in-Charge

*[Handwritten Signature]*

---

Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Dr. Muthupandi G  
**Title of the Value Added Course** : Image Signal Processing in recent trends  
**Course Duration** : 30 hours, August 2019 to December 2019  
**Course Code** : ECE V 004

## Introduction to the Course:

Currently image processing is becoming an important supporting tool in many branches of Science and Engineering. Due to this importance it is good to increase your knowledge in image processing so that you can develop new ideas in that field or introduce a new application of computer vision in your research.

**Prerequisites: Signals and System, Digital Signal Processing, Maths Algebra**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Understand the fundamentals in Computer vision
2. Understand the programming concept for IP
3. Identify the Image filtering Algorithm
4. Relate the IP with recent trends and applications

## Course Content:

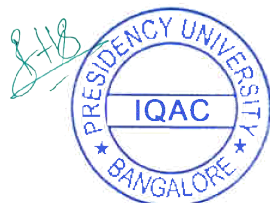
Module 1: Understand the fundamentals in Computer vision-Introduction- Analog image processing-Digital image processing— Steps in image processing systems - Representation of Digital Images –Pixel relationships – Basics and fundamentals of Color Image Processing and Color models -Image operations - Dimensions of image. Ref:<https://www.tutorialspoint.com/dip/index.htm>—

Module 2: Understand the programming concept for IP: Matlab base based Image Processing- C/C++ based Image Processing Ref:[http://home.iitk.ac.in/~rksr/adisl/DIP\\_Programming\\_Fundamentals.pdf](http://home.iitk.ac.in/~rksr/adisl/DIP_Programming_Fundamentals.pdf)-

Module 3: Identify the Image filtering Algorithm-Gray level Transformations – Histogram processing- Image filtering- Image Enhancement Algorithm – Gray image enhancement algorithm- Evaluation metrics- Colour Image Enhancement.-

Module 4: Relate the IP with recent trends and applications-Image recognition with Machine Learning on Python-

Ref:<https://towardsdatascience.com/image-recognition-with-machine-learning-on-python-image-processing-3abe6b158e9a>



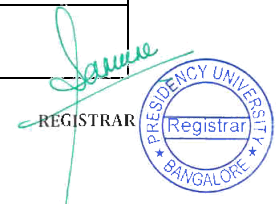
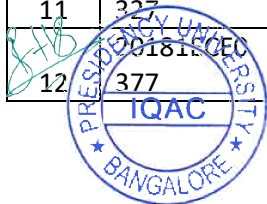
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 004</b>	
<b>Course Name :</b>	<b>Image Signal Processing In Recent Trends</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0331	RAKSHITHA R
2	20181ECE9016	SIDDANA JAYANTH
3	20181ECE0060	MAHENDRA M
4	20181ECE0064	MOHAMMED FARHAN KALEEM
5	20181ECE0115	SRISHU Y S
6	20181ECE0133	AKULA SAI TEJA REDDY
7	20181ECE0198	GALAM GURU SREEDHAR
8	20181ECE0239	KASETTY NARASIMHA
9	20181ECE0279	MANGAPATNAM VENKATA NAGA VIGNESWAR
10	20181ECE0324	PRAVALLEEKA N
11	20181ECE0327	PULLELA BHARGAV
12	20181ECE0377	VISHAL M
13	20171ECE0058	Cherith L S
14	20171ECE0130	kirthana k.s.
15	20171ECE0318	Vamshi Krishna N
16	20171ECE0174	Mohammed Rayyan Ahmed
17	20171ECE0237	PUNEETH KUMAR N
19	20171ECE0017	Akash BG
20	20171ece0296	Srisai KA
21	20171ECE0239	Puneeth Poovaiah M G



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 004		Academic Year :			2019-2020		
Course Name :	Image Signal Processing In Recent Trends		Semester :			Odd Semester		
			Instructor-in-Charge Name :			Dr.G.Muthupandi		
			Instructor-in-Charge Employee ID :			PUNIV01195		
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark	
1	20181ECE0331	RAKSHITHA R	SoC	100.00	2	N		
2	20181ECE9016	SIDDANA JAYANTH	SoE	90.00	22	Y		
3	20181ECE0060	MAHENDRA M	SoE	93.33	20	Y		
4	20181ECE0064	MOHAMMED FARHAN KALEEM	SoE	70.00	10	N		
5	20181ECE0115	SRISHU Y S	SoE	96.67	18	Y		
6	20181ECE0133	AKULA SAI TEJA REDDY	SoE	76.67	19	Y		
7	20181ECE0198	GALAM GURU SREEDHAR	SoE	90.00	24	Y		
8	20181ECE0239	KASETTY NARASIMHA	SoE	100.00	8	N		
9	20181ECE0279	MANGAPATNAM VENKATA NAGA VIGNESWAR	SoE	100.00	18	Y		
10	20181ECE0324	PRAVALLEEKAN	SoE	100.00	21	Y		
11	20181ECE0327	PULLELA BHARGAV	SoE	70.00	17	Y		
12	20181ECE0377	VISHAL M	SoE	76.67	3	N		



13	20171ECE0 058	Cherith L S	SoE	93.3 3	22	Y	
14	20171ECE0 130	kirthana k.s.	SoE	100. 00	23	Y	
15	20171ECE0 318	Vamshi Krishna N	SoE	96.6 7	4	N	
16	20171ECE0 174	Mohammed Rayyan Ahmed	SoE	70.0 0	25	Y	
17	20171ECE0 237	PUNEETH KUMAR N	SoE	86.6 7	15	Y	
19	20171ECE0 017	Akash BG	SoE	100. 00	22	Y	
20	20171ece0 296	Srisai KA	SoE	86.6 7	8	N	
21	20171ECE0 239	Puneeth Poovaiah M G	SoE	86.6 7	3	N	

Name of Course  
Instructor 1:

Dr.G.Muthupandi

Employee ID of  
Course Instructor  
1:

PUNIV01195

Name of Course  
Instructor 2:

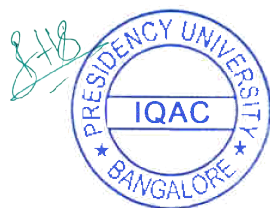
NA

Employee ID of  
Course Instructor  
2:

NA

Signature of Instructor-in-Charge

Signature of HOD



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

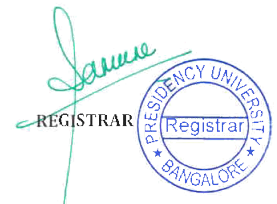
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code:Image Signal Processing In Recent Trends and ECE V 004

Name of the Instructor: Dr. G.Muthupandi

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0336	S NAGA VAMSI
2	20181ECE0340	SANAKKAYALA POOJITH KUMAR
3	20181ECE0353	SHWETHA BHAVIKATTI
4	20181ECE0404	ALINA JOSEKUTTY
5	20191LEC0018	MAHADEVAPRASAD S
6	20181ECE0330	RAICHUR SALEEM BASHA
7	20171ECE0328	Vikrant Yadav
8	20171ECE0059	Chethan N
9	20171ECE0175	Mohammed Saquib Abbas
10	20171ECE0136	KONDURU MANJULA
11	20171ECE0245	Ruthvick Chowdry
12	20171ECE0151	M sai pavan raj
13	20171ECE0133	Konanki Bhanuprakash
14	20171ECE0294	SOUJANYA M
15	20171ECE0347	G A KOUSHAL PURUSHOTTAM





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>		<b>ECE V 004</b>		<b>Academic Year :</b>		<b>2019-2020</b>	
<b>Course Name :</b>		<b>Image Signal Processing In Recent Trends</b>		<b>Semester :</b>		<b>Even Semester</b>	
				<b>Instructor-in-Charge Name :</b>		<b>Dr.G.Muthupandi</b>	
				<b>Instructor-in-Charge Employee ID :</b>		<b>PUNIV01195</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL etc)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181EC E0336	S NAGA VAMSI	SoC	86.67	22	Y	
2	20181EC E0340	SANAKKAYALA POOJITH KUMAR	SoE	63.33	11	Y	
3	20181EC E0353	SHWETHA BHAVIKATTI	SoE	100.00	19	Y	
4	20181EC E0404	ALINA JOSEKUTTY	SoE	93.33	16	Y	
5	20191LE C0018	MAHADEVAPRASAD S	SoE	90.00	8	N	
10	20181EC E0330	RAICHUR SALEEM BASHA	SoE	76.67	20	Y	
11	20171EC E0328	Vikrant Yadav	SoE	90.00	5	N	
12	20171EC E0059	Chethan N	SoE	86.67	11	Y	
13	20171EC E0175	Mohammed Saquib Abbas	SoE	90.00	16	Y	
14	20171EC E0136	KONDURU MANJULA	SoE	93.33	8	N	
15	20171EC E0245	Ruthvick Chowdry	SoE	70.00	8	N	
16	20171EC E0151	M sai pavan raj	SoE	80.00	10	N	
17	20171EC E0133	Konanki Bhanuprakash	SoE	86.67	22	Y	
19	20171EC E0294	SOUJANYA M	SoE	80.00	24	Y	
20	20171EC E0347	G A KOUSHAL PURUSHOTTAM	SoE	86.67	11	Y	

**Name of Course Instructor**

**Dr.G.Muthupandi**

**Employee ID of Course**

PUNIV01195

**Instructor**



*(Signature)*  
REGISTRAR

Name of Course Instructor  
2: NA  
Employee ID of Course  
Instructor 2: NA

---

Signature of Instructor-in-  
Charge



---

Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	<b>: SOE</b>	<b>Name of the Department:</b>	<b>ECE</b>
<b>Name of the Faculty Member</b>	<b>: Dr. Safinaz</b>		
<b>Title of the Value Added Course</b>	<b>: Image Processing Using Python</b>		
<b>Course Duration</b>	<b>: 30 hours, Odd sem 2019</b>		
<b>Course Code</b>	<b>: ECE V 005</b>		

## Introduction to the Course:

In this Course of Guided Projects, we are going to learn how we can perform image processing using the Python language. We are not going to restrict ourselves to a single library or framework; however, there is one that we will be using the most frequently, the Open CVlibrary. We will start off by talking a little about image processing and then we will move on to see different applications/scenarios where image processing can come in handy

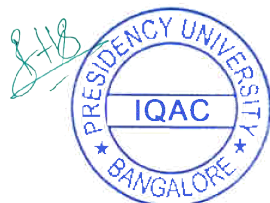
**Prerequisites: Basics of any High Level Computer Programming**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Image Processing Open CV Software and Python
2. Create Python Application for Image-Processing
3. Real time Application of Image processing
4. Computer Programming Concepts for Image Processing

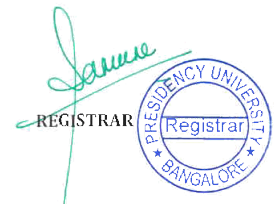
## Course Content:

Image processing has been used to create weird and beautiful modifications to pictures many of us have seen online. Older black and white photos can be brought to life using colorization techniques. On the other hand, color photos can be made to look like old black and white photos. In addition to distorting images for entertainment, image processing can be used for more serious applications, for example, to enhance medical imaging to screen patients for cancer or other diseases. In this course, you will create a Python application that reads from a list of images, modifies their size and appearance, and saves the images in another directory. In the Course Students will Learn how to Read Image, Resize Image,Blur Image,Sharpen Image,Batch Process.



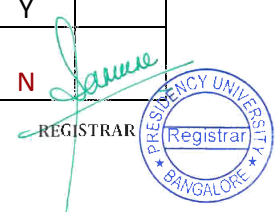
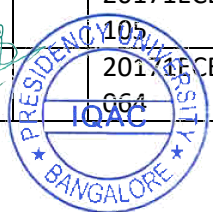
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 005</b>	
<b>Course Name :</b>	<b>Image Processing Using Python</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20191LECE0019	NEHA SHUKLA
7	20181ECE0103	SARANYA S
8	20191LECE0004	VENKATESH SURESH PARTHANALLI
9	20181ECE0123	VAISHNAVI APPACHA A
10	20181ECE0163	CHAGANTI VISHNU
11	20181ECE9014	DINESH KETANI
12	20181ECE0305	NOSSAM VIJAY KUMAR REDDY
15	20181ECE0029	ELWIN JOSHUA
16	20171ECE0028	Anushree.S
17	20171ECE0272	Sarika S
18	20171ECE0163	MANOJ N S
19	20171ECE0212	P SUNDARALAHARI
20	20171ECE0300	SUDIPTH A
21	20171ECE0349	Yashaswini Singari
22	20171ECE0105	INDUPALLI REMAHNIKE
23	20171ECE0064	CHINTHA VEERA YOGESWAR REDDY



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

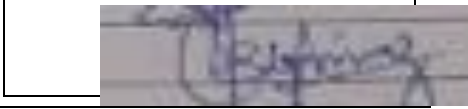
Course Code :		ECE V 005		Academic Year :			2019-2020		
Course Name :		Image Processing Using Python		Semester :			Odd Semester		
				Instructor-in-Charge Name :			Dr.Safinaz S		
				Instructor-in-Charge Employee ID :			PUNIV01216		
S. No	UID No	Roll No	Name	School Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark		
1		20191LEC0019	NEHA SHUKLA	So C	100 .00	1	N		16.00
7		20181ECE0103	SARANYA S	So E	76. 67	11	Y		8.00
8		20191LEC0004	VENKATESH SURESH PARTHANALLI	So E	100 .00	4	N		
9		20181ECE0123	VAISHNAVI APPACHA A	So E	100 .00	18	Y		
10		20181ECE0163	CHAGANTI VISHNU	So E	96. 67	1	N		
11		20181ECE9014	DINESH KETANI	So E	76. 67	20	Y		
12		20181ECE0305	NOSSAM VIJAY KUMAR REDDY	So E	90. 00	24	Y		
15		20181ECE0029	ELWIN JOSHUA	So E	100 .00	6	N		
16		20171ECE0028	Anushree.S	So E	100 .00	1	N		
17		20171ECE0272	Sarika S	So E	100 .00	5	N		
18		20171ECE0163	MANOJ N S	So E	70. 00	3	N		
19		20171ECE0212	P SUNDARALAHARI	So E	86. 67	25	Y		
20		20171ECE0300	SUDIPTA	So E	100 .00	11	Y		
21		20171ECE0349	Yashaswini Singari	So E	96. 67	25	Y		
22		20171ECE0102	INDUPALLI REMAHNIKE	So E	70. 00	24	Y		
23		20171ECE0064	CHINTHA VEERA YOGESWAR REDDY	So E	93. 33	4	N		



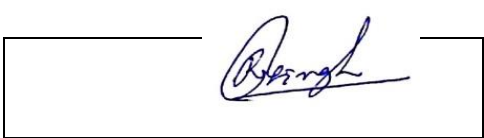
Name of Course  
Instructor 1:  
Employee ID of Course  
Instructor 1:

Dr.Safinaz S
PUNIV01216

Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA



Signature of Instructor-in-Charge



Signature of HOD



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

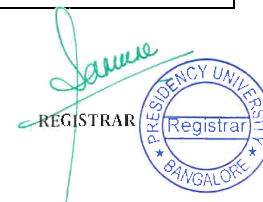
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code:Image Processing using Python and ECE V 005

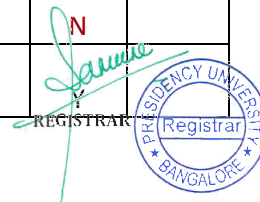
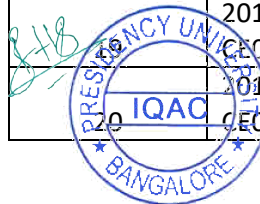
Name of the Instructor: Dr.Safinaz S

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE9019	ABHILASH KULKARNI
2	20181ECE0083	PRADEEP H
3	20181ECE0217	GUNTAKAL DINESH
4	20181ECE0219	GUNTAKANTI HARSHAVARDHAN REDDY
5	20191LEC0009	KIRAN KUMAR N D
6	20181ECE0250	KORE AKHIL KUMAR
7	20181ECE0369	VARANASI SREEKANTH
8	20181ECE0383	YASHRAJ S
9	20181ECE0027	DHAREPPA BISTAGOND
10	20181ECE0069	N C LIKHITH REDDY
11	20181ECE0086	PRAJWAL N U
12	20181ECE0114	SRIKANTH M
13	20181ECE0356	TANGUTURU SAI SUKESH
14	20181ECE0005	ABHISHEK G
15	20181ECE0043	JEEVITHA S RAO
16	20181ECE0054	LIKHITHA M
17	20181ECE0141	ANNAREDDY LAKSHMI SAKETH REDDY
18	20181ECE0185	DIPESH A D
19	20171ECE0043	Bhaves C
20	20171ECE0037	B T Pramod Kumar
21	20171ECE0117	KANDLAGUDURU NITHEESH BABU
22	20171ECE0180	Mrunalini M
23	20171ECE0275	Shaik Darga Khaled Ahmed
24	20171ECE0298	Sudarshan V.S
25	20171ECE0035	Athul Murali
26	20171ECE0042	Bhargavi R
27	20171ECE0123	Keeethana L



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		ECE V 005		Academic Year :		2019-2020	
Course Name :	Image Processing Using Python			Semester :		Even Semester	
				Instructor-in-Charge Name :		Dr.Safinaz S	
				Instructor-in-Charge Employee ID :		PUNIV01216	
S. No	Roll No	Name	School (e.g. SoE/SoL etc.)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181E CE9019	ABHILASH KULKARNI	SoC	100.00	7	N	
2	20181E CE0083	PRADEEP H	SoE	76.67	3	N	
3	20181E CE0217	GUNTAKAL DINESH	SoE	100.00	21	Y	
4	20181E CE0219	GUNTAKANTI HARSHAVARDHAN REDDY	SoE	100.00	3	N	
5	20191E C0009	KIRAN KUMAR N D	SoE	96.67	24	Y	
6	20181E CE0250	KORE AKHIL KUMAR	SoE	76.67	14	Y	
7	20181E CE0369	VARANASI SREEKANTH	SoE	90.00	19	Y	
8	20181E CE0383	YASHRAJ S	SoE	100.00	23	Y	
12	20181E CE0027	DHAREPPA BISTAGOND	SoE	100.00	21	Y	
13	20181E CE0069	N C LIKHITH REDDY	SoE	100.00	12	Y	
14	20181E CE0086	PRAJWAL N U	SoE	70.00	15	Y	
15	20181E CE0114	SRIKANTH M	SoE	76.67	19	Y	
16	20181E CE0356	TANGUTURU SAI SUKESH	SoE	70.00	19	Y	
17	20181E CE0005	ABHISHEK G	SoE	70.00	19	Y	
18	20181E CE0043	JEEVITHA S RAO	SoE	86.67	15	Y	
	20181E CE0054	LIKHITHA M	SoE	70.00	8	N	
	20181E CE0141	ANNAREDDY LAKSHMI SAKETH REDDY	SoE	86.67	14	Y	





21	20181E CE0185	DIPESH A D	SoE	86. 67	19	Y	
22	20171E CE0043	Bhavesh C	SoE	60. 00	14	Y	
23	20171E CE0037	B T Pramod Kumar	SoE	63. 33	14	Y	
25	20171E CE0117	KANDLAGUDURU NITHEESH BABU	SoE	76. 67	3	N	
26	20171E CE0180	Mrunalini M	SoE	100 .00	6	N	
27	20171E CE0275	Shaik Darga Khaled Ahmed	SoE	100 .00	19	Y	
28	20171E CE0298	Sudarshan V.S	SoE	76. 67	24	Y	
29	20171E CE0035	Athul Murali	SoE	100 .00	21	Y	
30	20171E CE0042	Bhargavi R	SoE	100 .00	1	N	
31	20171E CE0123	Keeethana L	SoE	100 .00	25	Y	

Name of Course

Instructor 1:

Employee ID of Course

Instructor 1:

Dr.Safinaz S

PUNIV01216

Name of Course

Instructor 2:

Employee ID of Course

Instructor 2:

NA

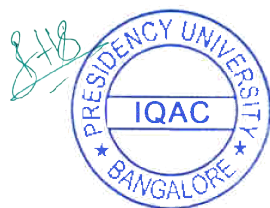
NA



Signature of Instructor-in-Charge



Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Dr.Bhanurekha		
<b>Title of the Value Added Course</b>	: Hardware Description Languages for FPGA Design		
<b>Course Duration</b>	: 30 hours, August 2019 to December 2019		
<b>Course Code</b>	: ECE V 006		

## Introduction to the Course:

Hardware Description Languages for Logic Design enables students to design circuits using VHDL and Verilog, the most widespread design methods for FPGA Design. It uses natural learning processes to make learning the languages easy. Simple first examples are presented, then language rules and syntax, followed by more complex examples, and then finally use of test bench simulations to verify correctness of the designs. Lecture presentations are reinforced by many programming example problems so that skill in the languages is obtained. After completing this course, each student will have fundamental proficiency in both languages, and more importantly enough knowledge to continue learning and gaining expertise in Verilog and VHDL on their own.

**Prerequisites: 1.Digital design fundamentals: Logic gates and boolean logic.**

**2. Sequential circuit fundamentals: State machines and sequential logic.**

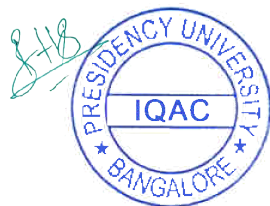
**3. Basic programming skills**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. use hardware description languages to model digital hardware
2. describe different architectures for digital hardware implementation
3. design and validate digital hardware that is implemented on an FPGA
4. describe differences between the most common hardware description languages

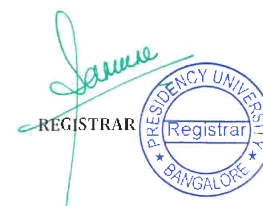
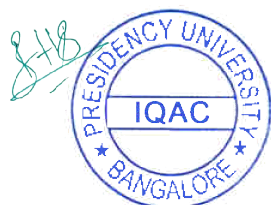
## Course Content:

Hardware Description Languages for Logic Design enables students to design circuits using VHDL and Verilog, the most widespread design methods for FPGA Design. It uses natural learning processes to make learning the languages easy. Simple first examples are presented, then language rules and syntax, followed by more complex examples, and then finally use of test bench simulations to verify correctness of the designs. Lecture presentations are reinforced by many programming example problems so that skill in the languages is obtained. After completing this course, each student will have fundamental proficiency in both languages, and more importantly enough knowledge to continue learning and gaining expertise in Verilog and VHDL on their own.



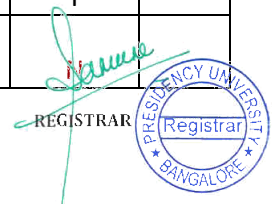
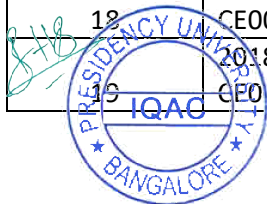
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	ECE V 006	
<b>Course Name :</b>	Hardware Description Languages for FPGA Design	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE9019	ABHILASH KULKARNI
2	20181ECE0083	PRADEEP H
3	20181ECE0217	GUNTAKAL DINESH
4	20181ECE0219	GUNTAKANTI HARSHAVARDHAN REDDY
5	20191LECE0009	KIRAN KUMAR N D
6	20181ECE0250	KORE AKHIL KUMAR
7	20181ECE0369	VARANASI SREEKANTH
8	20181ECE0383	YASHRAJ S
12	20181ECE0027	DHAREPPA BISTAGOND
13	20181ECE0069	N C LIKHITH REDDY
14	20181ECE0086	PRAJWAL N U
15	20181ECE0114	SRIKANTH M
16	20181ECE0356	TANGUTURU SAI SUKESH
17	20181ECE0005	ABHISHEK G
18	20181ECE0043	JEEVITHA S RAO
19	20181ECE0054	LIKHITHA M
20	20181ECE0141	ANNAREDDY LAKSHMI SAKETH REDDY
21	20181ECE0185	DIPESH A D
22	20171ECE0043	Bhavesh C
23	20171ECE0037	B T Pramod Kumar
25	20171ECE0117	KANDLAGUDURU NITHEESH BABU
26	20171ECE0180	Mrunalini M
27	20171ECE0275	Shaik Darga Khaled Ahmed
28	20171ECE0298	Sudarshan V.S
29	20171ECE0035	Athul Murali
30	20171ECE0042	Bhargavi R
31	20171ECE0123	Keeethana L



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science / Design**

Course Code :		ECE V 006		Academic Year :		2019-2020	
Course Name :	Hardware Description Languages for FPGA Design		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Dr. K Bhanu Rekha	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181E CE9019	ABHILASH KULKARNI	SoC	100.00	7	N	
2	20181E CE0083	PRADEEP H	SoE	76.67	3	N	
3	20181E CE0217	GUNTAKAL DINESH	SoE	100.00	21	Y	
4	20181E CE0219	GUNTAKANTI HARSHAVARDHAN REDDY	SoE	100.00	3	N	
5	201911E C0009	KIRAN KUMAR N D	SoE	96.67	24	Y	
6	20181E CE0250	KORE AKHIL KUMAR	SoE	76.67	14	Y	
7	20181E CE0369	VARANASI SREEKANTH	SoE	90.00	19	Y	
8	20181E CE0383	YASHRAJ S	SoE	100.00	23	Y	
12	20181E CE0027	DHAREPPA BISTAGOND	SoE	100.00	21	Y	
13	20181E CE0069	N C LIKHITH REDDY	SoE	100.00	12	Y	
14	20181E CE0086	PRAJWAL N U	SoE	70.00	15	Y	
15	20181E CE0114	SRIKANTH M	SoE	76.67	19	Y	
16	20181E CE0356	TANGUTURU SAI SUKESH	SoE	70.00	19	Y	
17	20181E CE0005	ABHISHEK G	SoE	70.00	19	Y	
18	20181E CE0043	JEEVITHA S RAO	SoE	86.67	15	Y	
19	20181E CE0054	LIKHITHA M	SoE	70.00	8		



20	20181E CE0141	ANNAREDDY LAKSHMI SAKETH REDDY	SoE	86. 67	14	Y	
21	20181E CE0185	DIPESH A D	SoE	86. 67	19	Y	
22	20171E CE0043	Bhavesh C	SoE	60. 00	14	Y	
23	20171E CE0037	B T Pramod Kumar	SoE	63. 33	14	Y	
25	20171E CE0117	KANDLAGUDURU NITHEESH BABU	SoE	76. 67	3	N	
26	20171E CE0180	Mrunalini M	SoE	100 .00	6	N	
27	20171E CE0275	Shaik Darga Khaled Ahmed	SoE	100 .00	19	Y	
28	20171E CE0298	Sudarshan V.S	SoE	76. 67	24	Y	
29	20171E CE0035	Athul Murali	SoE	100 .00	21	Y	
30	20171E CE0042	Bhargavi R	SoE	100 .00	1	N	
31	20171E CE0123	Keeethana L	SoE	100 .00	25	Y	

Name of Course

Instructor 1:

Employee ID of Course

Instructor 1:

Dr. K Bhanu Rekha

PUNIV000

Name of Course

Instructor 2:

Employee ID of Course

Instructor 2:

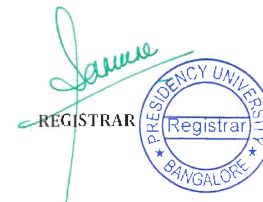
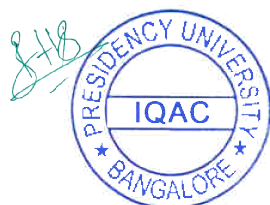
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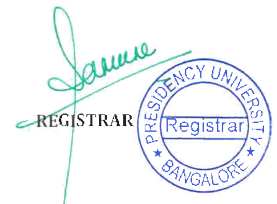
Signature of Instructor-in-  
Charge



Signature of HOD

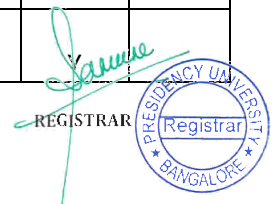
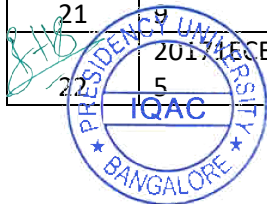


<b>Presidency University, Bengaluru</b>		
<b>Department of ECE</b>		
<b>School of Engineering</b>		
<b>VAC DETAILS</b>		
<b>Total number of hours:30</b>		
<b>Value added Course(VAC) Name and Code:Hardware Description Languages for FPGA Design and ECE V 006</b>		
<b>Name of the Instructor: Dr. K Bhanu Rekha</b>		
<b>S.No.</b>	<b>STUDENT ROLL NO</b>	<b>STUDENT NAME</b>
<b>1</b>	20191LEC0019	NEHA SHUKLA
<b>2</b>	20181ECE0103	SARANYA S
<b>3</b>	20191LEC0004	VENKATESH SURESH PARTHANALLI
<b>4</b>	20181ECE0123	VAISHNAVI APPACHA A
<b>5</b>	20181ECE0163	CHAGANTI VISHNU
<b>6</b>	20181ECE9014	DINESH KETANI
<b>7</b>	20181ECE0305	NOSSAM VIJAY KUMAR REDDY
<b>8</b>	20181ECE0029	ELWIN JOSHUA
<b>9</b>	20171ECE0028	Anushree.S
<b>10</b>	20171ECE0272	Sarika S
<b>11</b>	20171ECE0163	MANOJ N S
<b>12</b>	20171ECE0212	P SUNDARALAHARI
<b>13</b>	20171ECE0300	SUDIPTH A
<b>14</b>	20171ECE0349	Yashaswini Singari
<b>15</b>	20171ECE0105	INDUPALLI REMAHNIKE
<b>16</b>	20171ECE0064	CHINTHA VEERA YOGESWAR REDDY



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**


Course Code :	ECE V 006		Academic Year :			2019-2020	
Course Name :	Hardware Description Languages for FPGA		Semester :			Even Semester	
			Instructor-in-Charge Name :			Dr.K Bhanu Rekha	
			Instructor-in-Charge Employee ID :			PUNIV01214	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20191LECE0019	NEHA SHUKLA	SoC	100.00	1	N	
7	20181ECE0103	SARANYA S	SoE	76.67	11	Y	
8	20191LECE0004	VENKATESH SURESH PARTHANALLI	SoE	100.00	4	N	
9	20181ECE0123	VAISHNAVI APPACHA A	SoE	100.00	18	Y	
10	20181ECE0163	CHAGANTI VISHNU	SoE	96.67	1	N	
11	20181ECE9014	DINESH KETANI	SoE	76.67	20	Y	
12	20181ECE0305	NOSSAM VIJAY KUMAR REDDY	SoE	90.00	24	Y	
15	20181ECE0029	ELWIN JOSHUA	SoE	100.00	6	N	
16	20171ECE0028	Anushree.S	SoE	100.00	1	N	
17	20171ECE0272	Sarika S	SoE	100.00	5	N	
18	20171ECE0163	MANOJ N S	SoE	70.00	3	N	
19	20171ECE0212	P SUNDARALAHARI	SoE	86.67	25	Y	
20	20171ECE0300	SUDIPTA A	SoE	100.00	11	Y	
21	20171ECE0349	Yashaswini Singari	SoE	96.67	25	Y	
22	20171ECE0105	INDUPALLI REMAHNIKE	SoE	70.00	24	Y	




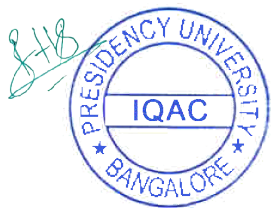
23	20171ECE006 4	CHINTHA VEERA YOGESWAR REDDY	SoE	93.3 3	4	N
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<b>Name of Course</b> <b>Instructor 1:</b> <b>Employee ID of Course</b> <b>Instructor 1:</b>	Dr.K Bhanu Rekha
	PUNIV01214

**Name of Course**  
**Instructor 2:** NA  
**Employee ID of Course**  
**Instructor 2:** NA

  
 \_\_\_\_\_  
**Signature of Instructor-in-Charge**

  
 \_\_\_\_\_  
**Signature of HOD**







# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Geetha k  
**Title of the Value Added Course** : INTERNET OF THINGS  
**Course Duration** : 30 hours, August 20219 to December 2019  
**Course Code** : ECE V 007

## Introduction to the Course:

The explosive growth of the “Internet of Things” is changing our world and the rapid drop in price for typical IoT components is allowing people to innovate new designs and products at home. This course will introduce students the need and the benefit of IoT and Raspberry Pi platform with python based IDE to develop basic programming knowledge required to build IoT.

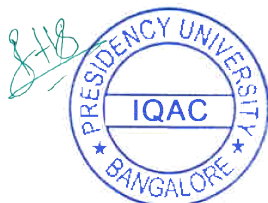
**Prerequisites: C Programming, Basics of Sensors and Arduino platform**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Explain the concept and importance of internet of things
2. Discuss the specifications and design requirement for IOT
3. List features of Raspberry Pi
4. discuss programming of Raspberry Pi

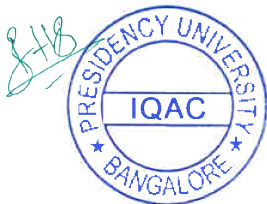
## Course Content:

In this course student shall learn the importance of IoT in society, the current components of typical IoT devices and trends for the future. IoT design considerations, constraints and interfacing between the physical world and your device will also be covered. A Raspberry Pi platform for IOT is introduced in the second part of the course. The Raspberry Pi is a small, affordable single-board computer that student will use to design and develop fun and practical IoT devices while learning programming and computer hardware. In addition, they will learn how to set up up the Raspberry Pi environment, get a Linux operating system running, and write and execute some basic Python code on the Raspberry Pi. They will also learn how to use Python-based IDE (integrated development environments) for the Raspberry Pi and how to trace and debug Python code on the device.



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>		<b>ECE V 007</b>	
<b>Course Name :</b>		<b>Internet of Things</b>	
<b>S. No</b>	<b>UID No</b>	<b>Roll No</b>	<b>Name</b>
1		20181ECE0196	G VAMSIDHAR REDDY
2		20181ECE0199	GANDHI SWETAL KETAN
3		20181ECE0261	KURUBA SAIVENKAT
4		20181ECE0284	MEKALA AMARNATH
8		20181ECE0037	H S CHANDAN
9		20181ECE0285	METI JAYAVARDHAN VARAPRASAD
10		20171ECE0335	Vrinda M
11		20181LEEC0013	Norina Naumitha
12		20171ece0352	Yaswanth Balaji V
13		20171ECE0157	MAHIMA SANIL
14		20171ECE0001	M AMARNATH
16		20171ECE0319	VANAMALA SAI PRASHANTH



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>		<b>ECE V 007</b>		<b>Academic Year :</b>		<b>2019-2020</b>	
<b>Course Name :</b>		<b>Internet of Things</b>		<b>Semester :</b>		<b>Odd Semester</b>	
				<b>Instructor-in-Charge Name :</b>		<b>Mrs. Geetha K</b>	
				<b>Instructor-in-Charge Employee ID :</b>		<b>PUNIV000</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL etc)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181EC E0196	G VAMSIDHAR REDDY	SoC	100.00	3	N	
2	20181EC E0199	GANDHI SWETAL KETAN	SoE	76.67	15	Y	
3	20181EC E0261	KURUBA SAIVENKAT	SoE	100.00	3	N	
4	20181EC E0284	MEKALA AMARNATH	SoE	100.00	24	Y	
8	20181EC E0037	H S CHANDAN	SoE	96.67	1	N	
9	20181EC E0285	METI JAYAVARDHAN VARAPRASAD	SoE	76.67	21	Y	
10	20171EC E0335	Vrinda M	SoE	90.00	3	N	
11	20181LE C0013	Norina Naumitha	SoE	90.00	22	Y	
12	20171ec e0352	Yaswanth Balaji V	SoE	93.33	2	N	
13	20171EC E0157	MAHIMA SANIL	SoE	100.00	17	Y	
14	20171EC E0001	M AMARNATH	SoE	70.00	20	Y	
16	20171EC E0319	VANAMALA SAI PRASHANTH	SoE	76.67	3	N	

**Name of Course**

**Instructor 1:**

**Employee ID of Course**

**Instructor 1:**

**Name of Course**

**Instructor 2:**

**Employee ID of Course**

**Instructor 2:**

**Mrs. Geetha K**

**PUNIV000**

NA

NA

**Signature of Instructor-in-Charge**



*[Handwritten Signature]*



Signature of HOD



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

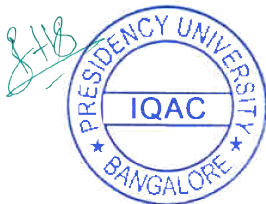
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code:Internet of Things and ECE V 007

Name of the Instructor:Mrs. Geetha K

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0288	MULLA MOHAMMAD SAJID
2	20191LEC0001	DINAKAR G P
3	20191LEC0006	HARSHITH A
4	20181ECE0187	DUDDHELA GIRISH
5	20181ECE0210	GONEGANDLA KARANAM KRISHNA VAMSI
6	20181ECE0249	KONUDULA PADMAVATHI
7	20181ECE0266	LINGUTLA SARATH KUMAR
8	20181ECE0342	SEEMAKURTHI ROHITH KISAN
9	20171ECE0236	Pulla Narendra Reddy
10	20181lec0005	Sandeep kumar singh
11	20171ECE0008	Adarsh A



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 007</b>		<b>Academic Year :</b>			<b>2019-2020</b>	
<b>Course Name :</b>	<b>Internet of Things</b>		<b>Semester :</b>			<b>Even Semester</b>	
			<b>Instructor-in-Charge Name :</b>			<b>Mrs. Geetha K</b>	
			<b>Instructor-in-Charge Employee ID :</b>			<b>PUNIV000</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoC)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181ECE0288	MULLA MOHAMMAD SAJID	SoC	90.00	19	N	
2	20191LEC0001	DINAKAR G P	SoE	100.00	12	N	
3	20191LEC0006	HARSHITH A	SoE	80.00	5	Y	
4	20181ECE0187	DUDDHELA GIRISH	SoE	73.33	10	N	
5	20181ECE0210	GONEGANDLA KARANAM KRISHNA VAMSI	SoE	96.67	1	N	
6	20181ECE0249	KONUDULA PADMAVATHI	SoE	100.00	22	Y	
7	20181ECE0266	LINGUTLA SARATH KUMAR	SoE	100.00	23	Y	
8	20181ECE0342	SEEMAKURTHI ROHITH KISAN	SoE	100.00	25	N	
9	20171ECE0236	Pulla Narendra Reddy	SoE	100.00	6	Y	
10	20181lec0005	Sandeep kumar singh	SoE	100.00	11	N	
11	20171ECE0008	Adarsh A	SoE	100.00	24	N	

**Name of Course**

**Instructor 1:**

**Mrs. Geetha K**

**Employee ID of Course**

**Instructor 1:**

**PUNIV000**

**Name of Course**

**Instructor 2:**

NA

**Employee ID of Course**

**Instructor 2:**

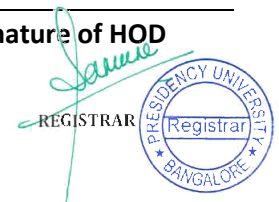
NA



**Signature of Instructor-in-Charge**



**Signature of HOD**





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Mr. Sunil Kumar Dasari  
**Title of the Value Added Course** : Positive psychology  
**Course Duration** : 30 hours, August 2021 to December 2019  
**Course Code** : ECE V 008

## Introduction to the Course:

This course discusses research findings in the field of positive psychology. It also features practical applications of this science that you can put to use immediately to help you live a full and meaningful life.

**Prerequisites:** NIL

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Explain in detail about Positive Psychology
2. Discuss about how to be positive
3. Discuss how positive psychology helps
4. Discuss the influence on career being a positive psychological person

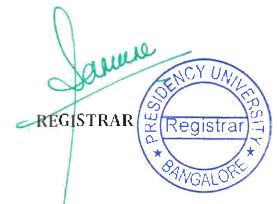
## Course Content:

This course discusses research findings in the field of positive psychology. It also features practical applications of this science that you can put to use immediately to help you live a full and meaningful life.



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**


<b>Course Code :</b>	<b>ECE V 008</b>	
<b>Course Name :</b>	<b>Positive Psychology</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0288	MULLA MOHAMMAD SAJID
2	20191LEC0001	DINAKAR G P
3	20191LEC0006	HARSHITH A
4	20181ECE0187	DUDDHELA GIRISH
5	20181ECE0210	GONEGANDLA KARANAM KRISHNA VAMSI
6	20181ECE0249	KONUDULA PADMAVATHI
7	20181ECE0266	LINGUTLA SARATH KUMAR
8	20181ECE0342	SEEMAKURTHI ROHITH KISAN
9	20171ECE0236	Pulla Narendra Reddy
10	20181lec0005	Sandeep kumar singh
11	20171ECE0008	Adarsh A



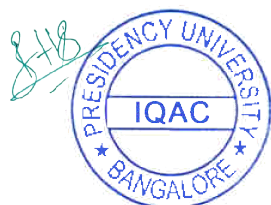


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

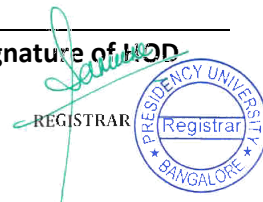
<b>Course Code :</b>	<b>ECE V 008</b>		<b>Academic Year :</b>			<b>2019-2020</b>	
<b>Course Name :</b>	<b>Positive Psychology</b>		<b>Semester :</b>			<b>Odd Semester</b>	
			<b>Instructor-in-Charge Name :</b>			<b>Mr. Sunil Kumar Dasari</b>	
			<b>Instructor-in-Charge Employee ID :</b>			<b>PUNIV01195</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL etc)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181ECE0288	MULLA MOHAMMAD SAJID	SoC	90.00	19	N	
5	20191LEC0001	DINAKAR G P	SoE	100.00	12	N	
6	20191LEC0006	HARSHITH A	SoE	80.00	5	Y	
7	20181ECE0187	DUDDHELA GIRISH	SoE	73.33	10	N	
8	20181ECE0210	GONEGANDLA KARANAM KRISHNA VAMSI	SoE	96.67	1	N	
9	20181ECE0249	KONUDULA PADMAVATHI	SoE	100.00	22	Y	
10	20181ECE0266	LINGUTLA SARATH KUMAR	SoE	100.00	23	Y	
11	20181ECE0342	SEEMAKURTHI ROHITH KISAN	SoE	100.00	25	N	
12	20171ECE0236	Pulla Narendra Reddy	SoE	100.00	6	Y	
13	20181lec0005	Sandeep kumar singh	SoE	100.00	11	N	
14	20171ECE0008	Adarsh A	SoE	100.00	24	N	
<b>Name of Course Instructor 1:</b>		<b>Mr. Sunil Kumar Dasari</b>					
<b>Employee ID of Course Instructor 1:</b>		<b>PUNIV01195</b>					
<b>Name of Course Instructor 2:</b>		<b>NA</b>					
<b>Employee ID of Course Instructor 2:</b>		<b>NA</b>					



**Signature of  
Instructor-in-Charge**



**Signature of HOD**



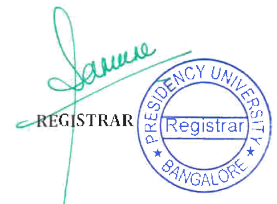
**REGISTRAR**



Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code:Positive Psychology and ECE V 008		
Name of the Instructor: Mr. Sunil Kumar Dasari		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0196	G VAMSIDHAR REDDY
2	20181ECE0199	GANDHI SWETAL KETAN
3	20181ECE0261	KURUBA SAIVENKAT
4	20181ECE0284	MEKALA AMARNATH
5	20181ECE0037	H S CHANDAN
6	20181ECE0285	METI JAYAVARDHAN VARAPRASAD
7	20171ECE0335	Vrinda M
8	20181LEC0013	Norina Naumitha
9	20171ece0352	Yaswanth Balaji V
10	20171ECE0157	MAHIMA SANIL
11	20171ECE0001	M AMARNATH
12	20171ECE0319	VANAMALA SAI PRASHANTH



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**



## School of Engineering

<b>Course Code :</b>	<b>ECE V 008</b>		<b>Academic Year :</b>			<b>2019-2020</b>	
<b>Course Name :</b>	<b>Positive Psychology</b>		<b>Semester :</b>			<b>Even Semester</b>	
			<b>Instructor-in-Charge Name :</b>			<b>Mr. Sunil Kumar Dasari</b>	
			<b>Instructor-in-Charge Employee ID :</b>			<b>PUNIV01195</b>	
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181EC E0196	G VAMSIDHAR REDDY	SoC	100 .00	3	N	
2	20181EC E0199	GANDHI SWETAL KETAN	SoE	76. 67	15	Y	
3	20181EC E0261	KURUBA SAIVENKAT	SoE	100 .00	3	N	
4	20181EC E0284	MEKALA AMARNATH	SoE	100 .00	24	Y	
5	20181EC E0037	H S CHANDAN	SoE	96. 67	1	N	
6	20181EC E0285	METI JAYAVARDHAN VARAPRASAD	SoE	76. 67	21	Y	
7	20171EC E0335	Vrinda M	SoE	90. 00	3	N	
8	20181LE C0013	Norina Naumitha	SoE	90. 00	22	Y	
9	20171ec e0352	Yaswanth Balaji V	SoE	93. 33	2	N	
10	20171EC E0157	MAHIMA SANIL	SoE	100 .00	17	Y	
11	20171EC E0001	M AMARNATH	SoE	70. 00	20	Y	
12	20171EC E0319	VANAMALA SAI PRASHANTH	SoE	76. 67	3	N	

**Name of Course**

**Instructor 1:**

**Employee ID of Course**

**Instructor 1:**

**Mr. Sunil Kumar Dasari**

**PUNIV01195**

**Name of Course**

**Instructor 2:**

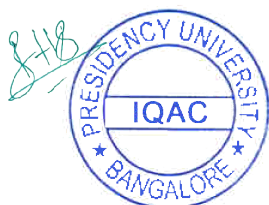
**Employee ID of Course**

**Instructor 2:**

NA

NA

**Signature of Instructor-in-  
Charge**



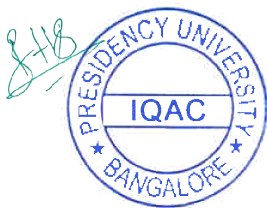
*(Handwritten Signature)*

REGISTRAR

A circular blue stamp with the text "PRESIDENCY UNIVERSITY" around the top and "BANGALORE" around the bottom. In the center, it says "Registrar". There is a handwritten signature in green ink over the stamp.

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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	<b>: SOE</b>	<b>Name of the Department:</b> ECE
<b>Name of the Faculty Member</b>	<b>: Ms. DianaSteffi D D</b>	
<b>Title of the Value Added Course</b>	<b>: Meditation: A way to achieve your goals in your life</b>	
<b>Course Duration</b>	<b>: 30 hours, odd 2019</b>	
<b>Course Code</b>	<b>: ECE V 009</b>	

## Introduction to the Course:

This course deals with meditation, Meditation is now world-wide sensation. There are many research reports that show people can be leaders if you have a habit of self-reflection through meditation. Now meditation at school and the workplace are popular.

Happiness is having no worries. You can really relax yourself if there is no bundle of thoughts and you can be successful when you know yourself truly. Worries come from the memorized thoughts of the false mind. Your inner potential of positive power are revealed, your peaceful and happiest mind will be in your mind, and you can live the life you wanted through meditation.

**Prerequisites: NIL**

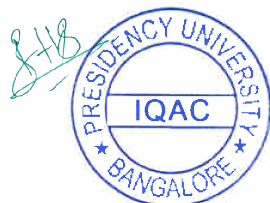
**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Explain the meaning of Mediation
2. Discuss the uses of mediation
3. Discuss how Mediation helps in life
4. Discuss the impact of meditation in achieving own goals

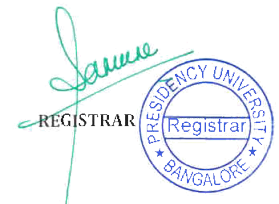
## Course Content:

This course deals with meditation, Meditation is now world-wide sensation. There are many research reports that show people can be leaders if you have a habit of self-reflection through meditation. Now meditation at school and the workplace are popular.

Happiness is having no worries. You can really relax yourself if there is no bundle of thoughts and you can be successful when you know yourself truly. Worries come from the memorized thoughts of the false mind. Your inner potential of positive power are revealed, your peaceful and happiest mind will be in your mind, and you can live the life you wanted through meditation.



Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code:Meditation: A Way to Achieve Your Goals in Your Life and ECE V 009		
Name of the Instructor: Mrs. Diana Steffi.D.D		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0381	YARRAGUDI YESWANTH REDDY
2	20181ECE0400	G NEELANTH REDDY
3	20181ECE0403	TRUPTHI K C
4	20181ECE0007	GONDALA SAI VENKATA YOGESH
5	20181ECE0059	MADIHA NISHATH P
6	20191LEC0008	JAVEED M D
7	20181ECE0334	RITHIK KRISHNAN K
8	20171ECE0184	N V RUTHVIK
9	20171ECE0338	VYSHNAVY S
10	20171ECE0333	Vishwas C
11	20181lec0014	Sweety kumari
12	20171ece0100	Hari Prasad N
13	20171ECE0330	Vinya.N
14	20171ECE0265	Sandhyashree A
15	20171ECE0325	VEMPULURU KULADEEPAK



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 009		Academic Year :			2019-2020	
Course Name :	Meditation: A Way to Achieve Your Goals in Your Life		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Mrs. Diana Steffi.D.D	
			Instructor-in-Charge Employee ID :			PUNIV00215	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0381	YARRAGUDI YESWANTH REDDY	SoC	96.67	11.00	Y	
2	20181ECE0400	G NEELANTH REDDY	SoE	76.67	16.00	Y	
3	20181ECE0403	TRUPTHI K C	SoE	100.00	21.00	Y	
10	20181ECE0007	GONDALA SAI VENKATA YOGESH	SoE	100.00	14.00	Y	
11	20181ECE0059	MADIHA NISHATH P	SoE	96.67	18.00	Y	
12	20191LECO008	JAVEED M D	SoE	76.67	23.00	Y	
13	20181ECE0334	RITHIK KRISHNAN K	SoE	90.00	19.00	Y	
14	20171ECE0184	N V RUTHVIK	SoE	100.00	20.00	Y	
15	20171ECE0338	VYSHNAVY S	SoE	100.00	25.00	Y	
16	20171ECE0333	Vishwas C	SoE	100.00	21.00	Y	
17	20181lec0014	Sweety kumari	SoE	70.00	21.00	Y	
18	20171ece0100	Hari Prasad N	SoE	76.67	13.00	Y	
19	20171ECE0330	Vinya.N	SoE	70.00	13.00	Y	
20	20171ECE0265	Sandhyashree A	SoE	70.00	16.00	Y	
21	20171ECE0325	VEMPULURU KULADEEPAK	SoE	86.67	18.00%	Y	

Name of Course Instructor 1: **Mrs. Diana Steffi.D.D**  
Employee ID of Course Instructor 1: **PUNIV00215**



Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

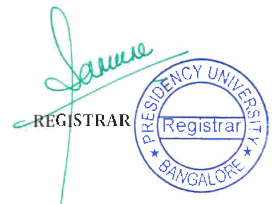
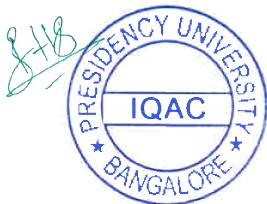
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Signature of Instructor-in-Charge

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Signature of HOD





**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

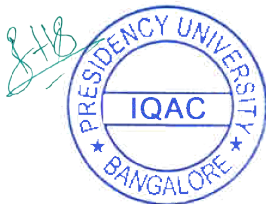
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code: A Way to Achieve Your Goals in Your Life and ECE V 009

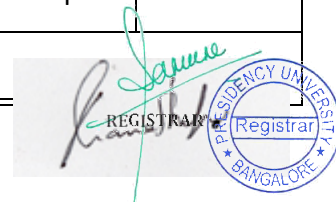
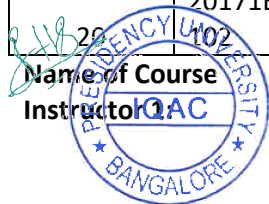
Name of the Instructor: Mrs. Diana Steffi.D.D

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0337	S VIKAS REDDY
2	20181ECE0020	CHAITHRA V
3	20181ECE0033	GODAVARI VITHOBA SIDDI
4	20181ECE0035	H NITISH
5	20181ECE0209	GOLLA PRAMOD KUMAR
6	20181ECE0269	M SAMYUKTHAA
7	20181ECE0370	VARIMADUGU LIKHITHA
8	20181ECE0379	YADAVALLI SAMHITHA
9	20181ECE0387	YERRA HARSHITHA
10	20181ECE0395	SREE SANKARAN C
11	20181ECE0412	POREDDY HEMANTH REDDY
12	20171ECE0238	Sai Abhiram Reddy V
13	20171ECE0040	Batchu Bhavana Sai Sree
14	20171ECE0287	Shwetha T R
15	20171ECE0128	Akshay Kumar S
16	20171ECE0102	Harshith naik



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 009		Academic Year :			2019-2020	
Course Name :	Meditation: A Way to Achieve Your Goals in Your Life		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mrs. Diana Steffi.D.D	
			Instructor-in-Charge Employee ID :			PUNIV00215	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0337	S VIKAS REDDY	SoC	90.00	21.00	Y	
2	20181ECE0020	CHAITHRA V	SoE	90.00	19.00	Y	
3	20181ECE0033	GODAVARI VITHOBA SIDDI	SoE	100.00	15.00	Y	
4	20181ECE0035	H NITISH	SoE	100.00	19.00	Y	
5	20181ECE0209	GOLLA PRAMOD KUMAR	SoE	96.67	17.00	Y	
6	20181ECE0269	M SAMYUKTHAA	SoE	100.00	20.00	Y	
7	20181ECE0370	VARIMADUGU LIKHITHA	SoE	93.33	15.00	Y	
8	20181ECE0379	YADAVALLI SAMHITHA	SoE	96.67	25.00	Y	
9	20181ECE0387	YERRA HARSHITHA	SoE	100.00	13.00	Y	
10	20181ECE0395	SREE SANKARAN C	SoE	100.00	16.00	Y	
11	20181ECE0412	POREDDY HEMANTH REDDY	SoE	100.00	25.00	Y	
15	20171ECE0238	Sai Abhiram Reddy V	SoE	80.00	16.00	Y	
16	20171ECE0040	Batchu Bhavana Sai Sree	SoE	90.00	19.00	Y	
18	20171ECE0287	Shwetha T R	SoE	70.00	20.00	Y	
19	20171ECE0128	Akshay Kumar S	SoE	70.00	22.00	Y	
	20171ECE0	Harshith naik	SoE	93.33	25.00	Y	
Name of Course		Mrs. Diana Steffi.D.D					
Instructor							



Employee ID of Course  
Instructor 1:

PUNIV00215

Name of Course

Instructor 2:

NA

Employee ID of Course

Instructor 2:

NA

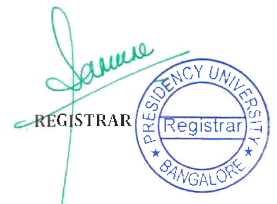
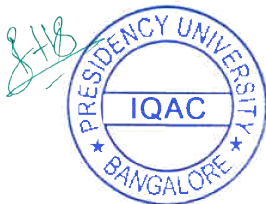
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Signature of Instructor-in-Charge



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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: TirumalaVasu G		
<b>Title of the Value Added Course</b>	: Introduction to Programming with MATLAB		
<b>Course Duration</b>	: 30 hours, Odd sem 2019		
<b>Course Code</b>	: ECE V 010		

## Introduction to the Course:

This course teaches computer programming to those with little to no previous experience. It uses the programming system and language called MATLAB to do so because it is easy to learn, versatile and very useful for engineers and other professionals. MATLAB is a special-purpose language that is an excellent choice for writing moderate-size programs that solve problems involving the manipulation of numbers.

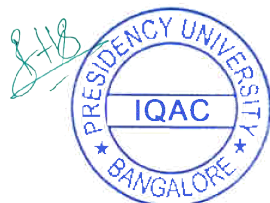
**Prerequisites: Basics of C programming**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. use Matlab for interactive computations
2. generate plots and export this for use in reports and presentations
3. program scripts and functions using the Matlab development environment
4. use basic flow controls (if-else, for, while)

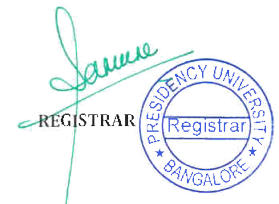
## Course Content:

Introduction to MATLAB, Operations, Character Strings, Relation and Logical Operations, Control Flow, Functions, File and Directory Management, Matrix Algebra, Data Analysis and Interpolation, 2D Graphics, 3D Graphics, Images, Movies, and Sounds



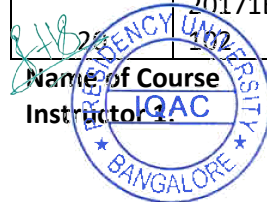
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 010</b>	
<b>Course Name :</b>	<b>Introduction to Programming with MATLAB</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0337	S VIKAS REDDY
2	20181ECE0020	CHAITHRA V
3	20181ECE0033	GODAVARI VITHOBA SIDDI
4	20181ECE0035	H NITISH
5	20181ECE0209	GOLLA PRAMOD KUMAR
6	20181ECE0269	M SAMYUKTHAA
7	20181ECE0370	VARIMADUGU LIKHITHA
8	20181ECE0379	YADAVALLI SAMHITHA
9	20181ECE0387	YERRA HARSHITHA
10	20181ECE0395	SREE SANKARAN C
11	20181ECE0412	POREDDY HEMANTH REDDY
15	20171ECE0238	Sai Abhiram Reddy V
16	20171ECE0040	Batchu Bhavana Sai Sree
18	20171ECE0287	Shwetha T R
19	20171ECE0128	Akshay Kumar S
20	20171ECE0102	Harshith naik



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 010</b>		<b>Academic Year :</b>			<b>2019-2020</b>	
<b>Course Name :</b>	<b>Introduction to Programming with MATLAB</b>		<b>Semester :</b>			<b>Odd Semester</b>	
			<b>Instructor-in-Charge Name :</b>			<b>Mr. G Tirumala Vasu</b>	
			<b>Instructor-in-Charge Employee ID :</b>			<b>PUNIV00846</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181ECE0337	S VIKAS REDDY	SoC	90.00	21.00	Y	
2	20181ECE0020	CHAITHRA V	SoE	90.00	19.00	Y	
3	20181ECE0033	GODAVARI VITHOBA SIDDI	SoE	100.00	15.00	Y	
4	20181ECE0035	H NITISH	SoE	100.00	19.00	Y	
5	20181ECE0209	GOLLA PRAMOD KUMAR	SoE	96.67	17.00	Y	
6	20181ECE0269	M SAMYUKTHAA	SoE	100.00	20.00	Y	
7	20181ECE0370	VARIMADUGU LIKHITHA	SoE	93.33	15.00	Y	
8	20181ECE0379	YADAVALLI SAMHITHA	SoE	96.67	25.00	Y	
9	20181ECE0387	YERRA HARSHITHA	SoE	100.00	13.00	Y	
10	20181ECE0395	SREE SANKARAN C	SoE	100.00	16.00	Y	
11	20181ECE0412	POREDDY HEMANTH REDDY	SoE	100.00	25.00	Y	
15	20171ECE0238	Sai Abhiram Reddy V	SoE	80.00	16.00	Y	
16	20171ECE0040	Batchu Bhavana Sai Sree	SoE	90.00	19.00	Y	
18	20171ECE0287	Shwetha T R	SoE	70.00	20.00	Y	
19	20171ECE0128	Akshay Kumar S	SoE	70.00	22.00	Y	
	20171ECE0102	Harshith naik	SoE	93.33	25.00	Y	

**Name of Course**  
**Instructor**  


**Mr. G Tirumala Vasu**

  
**REGISTRAR**  


Employee ID of Course  
Instructor 1:

PUNIV00846

Name of Course

Instructor 2:

NA

Employee ID of Course

Instructor 2:

NA

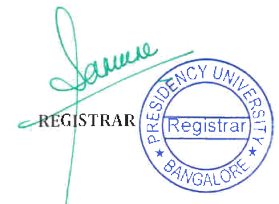
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Signature of Instructor-in-Charge

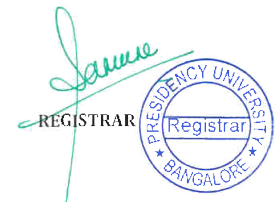
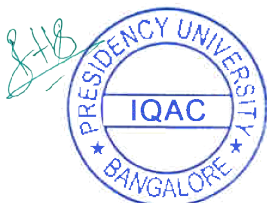


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Signature of HOD



Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code:Meditation: Introduction to Programming with MATLAB and ECE V 010		
Name of the Instructor: Mr. G Tirumala Vasu		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0381	YARRAGUDI YESWANTH REDDY
2	20181ECE0400	G NEELANTH REDDY
3	20181ECE0403	TRUPTHI K C
4	20181ECE0007	GONDALA SAI VENKATA YOGESH
5	20181ECE0059	MADIHA NISHATH P
6	20191LEC0008	JAVEED M D
7	20181ECE0334	RITHIK KRISHNAN K
8	20171ECE0184	N V RUTHVIK
9	20171ECE0338	VYSHNAVY S
10	20171ECE0333	Vishwas C
11	20181lec0014	Sweety kumari
12	20171ece0100	Hari Prasad N
13	20171ECE0330	Vinya.N
14	20171ECE0265	Sandhyashree A
15	20171ECE0325	VEMPULURU KULADEEPAK





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 010		Academic Year :			2019-2020	
Course Name :	Introduction to Programming with MATLAB		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mr. G Tirumala Vasu	
			Instructor-in-Charge Employee ID :			PUNIV00846	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0381	YARRAGUDI YESWANTH REDDY	SoC	96.67	11.00	Y	
2	20181ECE0400	G NEELANTH REDDY	SoE	76.67	16.00	Y	
3	20181ECE0403	TRUPTHI K C	SoE	100.00	21.00	Y	
10	20181ECE0007	GONDALA SAI VENKATA YOGESH	SoE	100.00	14.00	Y	
11	20181ECE0059	MADIHA NISHATH P	SoE	96.67	18.00	Y	
12	20191LECO008	JAVEED M D	SoE	76.67	23.00	Y	
13	20181ECE0334	RITHIK KRISHNAN K	SoE	90.00	19.00	Y	
14	20171ECE0184	N V RUTHVIK	SoE	100.00	20.00	Y	
15	20171ECE0338	VYSHNAVY S	SoE	100.00	25.00	Y	
16	20171ECE0333	Vishwas C	SoE	100.00	21.00	Y	
17	20181lec0014	Sweetty kumari	SoE	70.00	21.00	Y	
18	20171ece0100	Hari Prasad N	SoE	76.67	13.00	Y	
19	20171ECE0330	Vinya.N	SoE	70.00	13.00	Y	
20	20171ECE0265	Sandhyashree A	SoE	70.00	16.00	Y	
21	20171ECE0325	VEMPULURU KULADEEPAK	SoE	86.67	18.00%	Y	

Name of Course

Instructor 1

Employee ID of Course

Instructor 2

Mr. G Tirumala Vasu

PUNIV00846



  
 REGISTRAR  


Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

---

Signature of Instructor-in-Charge



---

Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Natya S		
<b>Title of the Value Added Course</b>	: Introduction to Machine Learning		
<b>Course Duration</b>	: 30 hours, Odd sem 2019		
<b>Course Code</b>	: ECE V 011		

## Introduction to the Course:

This course will provide you a foundational understanding of machine learning models (logistic regression, multilayer perceptrons, convolutional neural networks, natural language processing, etc.) as well as demonstrate how these models can solve complex problems in a variety of industries, from medical diagnostics to image recognition to text prediction.

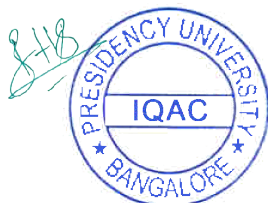
**Prerequisites: Basic knowledge of Statistics, Calculus, Linear Algebra and Probability. Basic functions such as: Defining and calling functions Lists, sets, and dictionaries (assessing, iterating and creating) for loops with multiple variable iterators, if/else condition**

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Introduce basic concepts in machine learning, including logistic regression, a simple but widely employed machine learning (ML) method
2. Defining the mathematical goal and introduce validation methods to estimate real-world performance of the learned deep networks
3. introduce to transfer learning and fine-tuning
4. Application of neural networks to natural language processing (NLP), from simple neural models to the more complex.

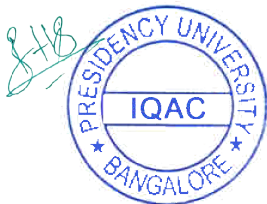
## Course Content:

- (1) Simple Introduction to Machine Learning
- (2) Basics of Model Learning
- (3) Image Analysis with Convolutional Neural Networks



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 011</b>	
<b>Course Name :</b>	<b>Introduction to Machine Learning</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
2	20181ECE0134	ALAMURA AYESHA
3	20181ECE0290	MUNGALI SUMANTH
4	20181ECE0320	PRADEEP V
5	20191LEC0014	TARUN R
6	20181ECE0009	AISHWARYA V
7	20171ECE0006	Abhinaya D



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 011</b>		<b>Academic Year :</b>			<b>2019-2020</b>	
<b>Course Name :</b>	<b>Introduction to Machine Learning</b>		<b>Semester :</b>			<b>Odd Semester</b>	
			<b>Instructor-in-Charge Name :</b>			Natya.S	Natya.S
			<b>Instructor-in-Charge Employee ID :</b>			PUNIV00956	PUNIV00956
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181ECE0134	ALAMURA AYESHA	SoE	100.00	19.00	Y	
2	20181ECE0290	MUNGALI SUMANTH	SoE	100.00	20.00	Y	
3	20181ECE0320	PRADEEP V	SoE	100.00	17.00	Y	
4	20191LECO014	TARUN R	SoE	100.00	20.00	Y	
5	20181ECE0009	AISHWARYA V	SoE	100.00	15.00	Y	
6	20171ECE0006	Abhinaya D	SoE	100.00	19.00	Y	

**Name of Course**  
**Instructor 1:** Natya.S  
**Employee ID of Course** PUNIV00956  
**Instructor 1:** \_\_\_\_\_

**Name of Course**  
**Instructor 2:** NA  
**Employee ID of Course**  
**Instructor 2:** NA



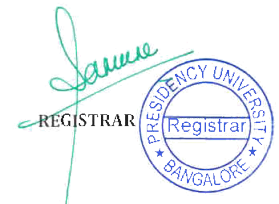
**Signature of Instructor-in-Charge**



**Signature of HOD**

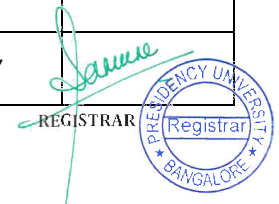
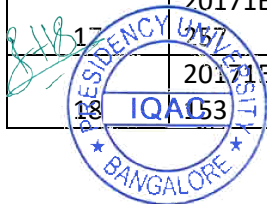


Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code:Introduction to Machine Learning and ECE V 011		
Name of the Instructor: Ms. Natya. S		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0058	M SUNIL KUMAR
2	20181ECE0063	MOHAMMED ABDUL QADEER
3	20181ECE0104	SHAFIM FAISAL REHMAN KHAN
4	20181ECE0108	SHIFALI V K
5	20181ECE0122	TANU N
6	20171ECE0356	Rajeshwari M
7	20171ECE0220	PITTA NIKHIL SAI
8	20181LEC0018	Kiran Gowda H
9	20171ECE0051	C A ARCHANA
10	20171ECE0032	Archana V
11	20171ECE0186	NAKKALAGUNTA SIVA PRASAD
12	20171ECE024	RACHAMALA DIWAKAR REDDY
13	20171ECE0111	Joshna G
14	20171ECE0369	Lipi Patnaik
15	20171ECE0269	Sweekriti B Kulkarni
16	20171ECE0257	Sadathulla Shariff
17	20171ECE0153	Madhusudhan KM



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 011		Academic Year :			2019-2020	
Course Name :	Introduction to Machine Learning		Semester :			Even Semester	
			Instructor-in-Charge Name :			Natya.S	
			Instructor-in-Charge Employee ID :			PUNIV00956	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0058	M SUNIL KUMAR	SoC	90.00	14.00	Y	
2	20181ECE0063	MOHAMMED ABDUL QADEER	SoE	76.67	14.00	Y	
3	20181ECE0104	SHAFIM FAISAL REHMAN KHAN	SoE	100.00	16.00	Y	
4	20181ECE0108	SHIFALI V K	SoE	100.00	17.00	Y	
5	20181ECE0122	TANU N	SoE	96.67	18.00	Y	
6	20171ECE0356	Rajeshwari M	SoE	86.67	24.00	Y	
7	20171ECE0220	PITTA NIKHIL SAI	SoE	90.00	11.00	Y	
8	20181LECO018	Kiran Gowda H	SoE	100.00	21.00	Y	
9	20171ECE0051	C A ARCHANA	SoE	100.00	17.00	Y	
11	20171ECE0032	Archana V	SoE	100.00	20.00	Y	
12	20171ECE0186	NAKKALAGUNTA SIVA PRASAD	SoE	70.00	13.00	Y	
13	20171ECE0024	RACHAMALA DIWAKAR REDDY	SoE	83.33	8.00	Y	
14	20171ECE0111	Joshna G	SoE	90.00	23.00	Y	
15	20171ECE0369	Lipi Patnaik	SoE	83.33	8.00	N	
16	20171ECE0269	Sweekriti B Kulkarni	SoE	83.33	20.00	Y	
17	20171ECE0	Sadathulla Shariff	SoE	86.67	15.00	Y	
18	20171ECE0	Madhusudhan KM	SoE	83.33	15.00	Y	



Name of Course Natya.S

Instructor 1:

Employee ID of Course PUNIV00956

Instructor 1:

Name of Course

Instructor 2: NA

Employee ID of Course

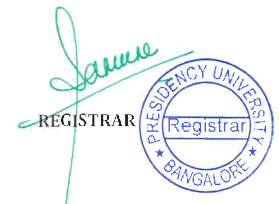
Instructor 2: NA



Signature of Instructor-in-Charge



Signature of HOD







# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Aruna M  
**Title of the Value Added Course** : Science of Exercise  
**Course Duration** : 30 hours, Odd sem 2019  
**Course Code** : ECE V 013

## Introduction to the Course:

Training, Nutrition, Fitness And Nutrition, Public Health

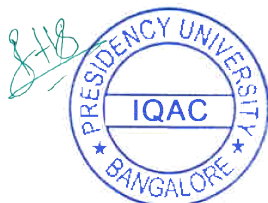
**Prerequisites:** NIL

## Course Outcomes: On successful completion of the course the students shall be able to:

1. The Energetics of Exercise
2. Physiological Systems During Exercise
3. Exercise for Fitness & Performance
4. Exercise in Health, Wellness and Disease

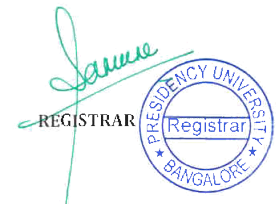
## Course Content:

Learners who complete Science of Exercise will have an improved physiological understanding of how your body responds to exercise, and will be able to identify behaviors, choices, and environments that impact your health and training. You will explore a number of significant adjustments required by your body in order to properly respond to the physical stress of exercise, including changes in carbohydrate, fat and protein metabolism, nutritional considerations, causes of muscle soreness & fatigue, and the effectiveness and dangers of performance enhancing drugs. Active learning assessments will challenge you to apply this new knowledge via nutrition logs, heart rate monitoring, calculations of your total daily caloric expenditure and body mass index (BMI). Finally, learners will examine the scientific evidence for the health benefits of exercise including the prevention and treatment of heart disease, diabetes, cancer, obesity (weight loss), depression, and dementia.



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 013</b>	
<b>Course Name :</b>	<b>Science of Exercise</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0129	AADARSH SHANKAR
2	20181ECE0140	ANDRA RAM NITISH
3	20181ECE0147	BACHU VIVEKANANDA REDDY
4	20181ECE0166	CHANDAN R KALHATTI
5	20181ECE0183	DASARI SAI VINAYKUMAR
6	20181ECE0189	DUDEKULA FAIROZ
7	20181ECE0211	GOOTY SHAIK MOHAMMED GOUSE BASHA
8	20181ECE0221	GUTTIKONDA NARENDRA REDDY
9	20181ECE0245	KOLAKALA GANGI REDDY



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 013</b>		<b>Academic Year :</b>			<b>2019-2020</b>	
<b>Course Name :</b>	<b>Science of Exercise</b>		<b>Semester :</b>			<b>Odd Semester</b>	
			<b>Instructor-in-Charge Name :</b>			<b>ARUNA M</b>	
			<b>Instructor-in-Charge Employee ID :</b>			<b>PUNIV00947</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181ECE0129	AADARSH SHANKAR	SoC	100.00	5	N	
2	20181ECE0140	ANDRA RAM NITISH	SoE	93.33	15	Y	
3	20181ECE0147	BACHU VIVEKANANDA REDDY	SoE	100.00	11	Y	
4	20181ECE0166	CHANDAN R KALHATTI	SoE	100.00	21	Y	
5	20181ECE0183	DASARI SAI VINAYKUMAR	SoE	96.67	16	Y	
6	20181ECE0189	DUDEKULA FAIROZ	SoE	100.00	24	Y	
7	20181ECE0211	GOOTY SHAIK MOHAMMED GOUSE BASHA	SoE	93.33	21	Y	
8	20181ECE0221	GUTTIKONDA NARENDRA REDDY	SoE	90.00	20	Y	
9	20181ECE0245	KOLAKALA GANGI REDDY	SoE	100.00	20	Y	

**Name of Course**  
**Instructor 1:**  
**Employee ID of Course**  
**Instructor 1:**

**ARUNA M**

---

**PUNIV00947**

**Name of Course**  
**Instructor 2:**  
**Employee ID of Course**  
**Instructor 2:**

NA  
NA

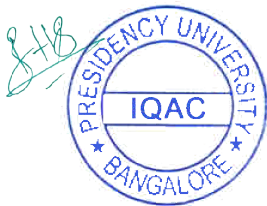
*Aruna M*

Signature of Instructor-in-Charge

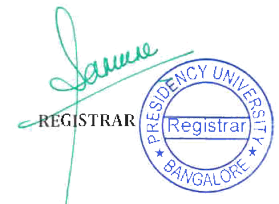


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Signature of HOD

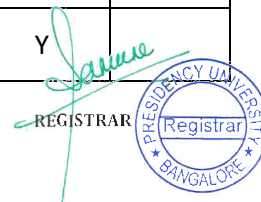
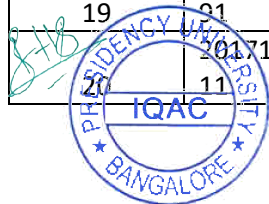


Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code:Science of Exercise and ECE V 013		
Name of the Instructor: Mrs. Aruna M		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0256	KUCHI ADARSH
2	20181ECE0344	SHAIK MOHAMMED ANSAR
3	20181ECE0368	VARAGANTI MOHAN SAI
4	20181ECE0392	SUJAN MANDANA C S
5	20181ECE0015	B TEJAVARDHAN
6	20191LEC0003	SUMIT KHATRI
7	20181ECE0139	AMBATI SAI KUMAR REDDY
8	20191LEC0007	CHAITHRA M
9	20181ECE0001	ABDULLAH VASIM AHAMED
10	20181ECE0028	EKTHA R
11	20181ECE9001	JEJOY M JOSEPH
12	20171ECE0368	Annamdevula RamPhani
13	20171ECE0134	Konanki Sai Chandana
14	20171ECE0249	Reshma S
15	20171ECE0252	S Ashish
16	20171ECE0091	GAYATHRI S
17	20171ECE0311	Urja Senani



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 013		Academic Year :			2019-2020	
Course Name :	Science of Exercise		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mrs. Aruna M	
			Instructor-in-Charge Employee ID :			PUNIV0947	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0256	KUCHI ADARSH	SoC	86.67	18.00	Y	
2	20181ECE0344	SHAIK MOHAMMED ANSAR	SoE	76.67	15.00	Y	
3	20181ECE0368	VARAGANTI MOHAN SAI	SoE	83.33	6.00	N	
4	20181ECE0392	SUJAN MANDANA CS	SoE	100.00	8.00	N	
6	20181ECE0015	B TEJAVARDHAN	SoE	90.00	9.00	N	
7	20191LEC0003	SUMIT KHATRI	SoE	76.67	23.00	Y	
8	20181ECE0139	AMBATI SAI KUMAR REDDY	SoE	90.00	6.00	N	
9	20191LEC0007	CHAITHRA M	SoE	83.33	11.00	Y	
12	20181ECE0001	ABDULLAH VASIM AHAMED	SoE	100.00	25.00	Y	
13	20181ECE0028	EKTHA R	SoE	100.00	6.00	N	
14	20181ECE9001	JEJOY M JOSEPH	SoE	70.00	24.00	Y	
15	20171ECE0368	Annamdevula RamPhani	SoE	76.67	24.00	Y	
16	20171ECE0134	Konanki Sai Chandana	SoE	70.00	14.00	Y	
17	20171ECE0249	Reshma S	SoE	70.00	14.00	Y	
18	20171ECE0252	S Ashish	SoE	86.67	12.00	Y	
19	20171ECE0091	GAYATHRI S	SoE	70.00	12.00	Y	
20	20171ECE0311	Urja Senani	SoE	86.67	22.00	Y	



Name of Course Instructor  
1:  
Employee ID of Course  
Instructor 1:

ARUNA M
PUNIV00947

Name of Course Instructor  
2:  
Employee ID of Course  
Instructor 2:

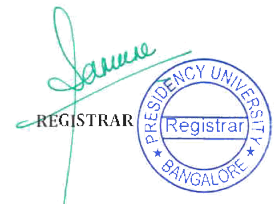
NA  
NA



Signature of Instructor-in-  
Charge



Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Mr. Ramzan Basheer		
<b>Title of the Value Added Course</b>	: Probabilistic approach to system analysis and applications		
<b>Course Duration</b>	: 30 hours, ODD sem 2019		
<b>Course Code</b>	: ECE V 014		

## Introduction to the Course:

This course is an introduction to probabilistic modeling, including random processes and the basic elements of statistical inference. The ability to think probabilistically is a fundamental component of scientific literacy. You will learn the relevant models, skills, and tools that are the keys to analyzing data and making scientifically sound predictions under uncertainty. We emphasize the basic concepts and methodologies, and include dozens of examples and applications.

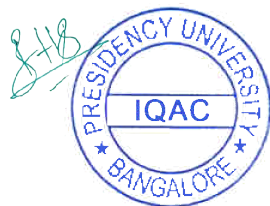
**Prerequisites: Single and multivariable calculus**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Understand the basic concepts associated with probability models.
2. Develop models described in words to mathematical ones.
3. Understand the main concepts and assumptions underlying Bayesian and classical inference.
4. Obtain some familiarity with the range of applications of inference methods.

## Course Content:

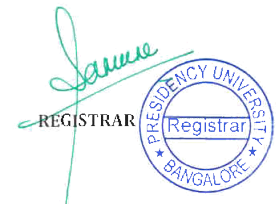
This course introduces students to the modeling, quantification, and analysis of uncertainty. The tools of probability theory, and of the related field of statistical inference, are the keys for being able to analyze and make sense of data. These tools underlie important advances in many fields, from the basic sciences to engineering and management.





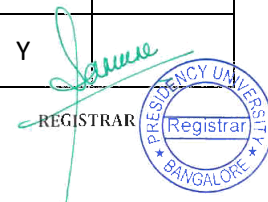
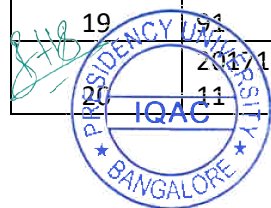
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 014</b>	
<b>Course Name :</b>	<b>Probabilistic Approach to System Analysis and Applications</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0256	KUCHI ADARSH
2	20181ECE0344	SHAIK MOHAMMED ANSAR
3	20181ECE0368	VARAGANTI MOHAN SAI
4	20181ECE0392	SUJAN MANDANA C S
6	20181ECE0015	B TEJAVARDHAN
7	20191LEC0003	SUMIT KHATRI
8	20181ECE0139	AMBATI SAI KUMAR REDDY
9	20191LEC0007	CHAITHRA M
12	20181ECE0001	ABDULLAH VASIM AHAMED
13	20181ECE0028	EKTHA R
14	20181ECE9001	JEJOY M JOSEPH
15	20171ECE0368	Annamdevula RamPhani
16	20171ECE0134	Konanki Sai Chandana
17	20171ECE0249	Reshma S
18	20171ECE0252	S Ashish
19	20171ECE0091	GAYATHRI S
20	20171ECE0311	Urja Senani



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 014		Academic Year :			2019-2020	
Course Name :	Probabilistic Approach to System Anaysis and Applications		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Mr. Ramzan Basheer	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0256	KUCHI ADARSH	SoC	86.67	18.00	Y	
2	20181ECE0344	SHAIK MOHAMMED ANSAR	SoE	76.67	15.00	Y	
3	20181ECE0368	VARAGANTI MOHAN SAI	SoE	83.33	6.00	N	
4	20181ECE0392	SUJAN MANDANA CS	SoE	100.00	8.00	N	
6	20181ECE0015	B TEJAVARDHAN	SoE	90.00	9.00	N	
7	20191LECE0003	SUMIT KHATRI	SoE	76.67	23.00	Y	
8	20181ECE0139	AMBATI SAI KUMAR REDDY	SoE	90.00	6.00	N	
9	20191LECE0007	CHAITHRA M	SoE	83.33	11.00	Y	
12	20181ECE0001	ABDULLAH VASIM AHAMED	SoE	100.00	25.00	Y	
13	20181ECE0028	EKTHA R	SoE	100.00	6.00	N	
14	20181ECE9001	JEJOY M JOSEPH	SoE	70.00	24.00	Y	
15	20171ECE0368	Annamdevula RamPhani	SoE	76.67	24.00	Y	
16	20171ECE0134	Konanki Sai Chandana	SoE	70.00	14.00	Y	
17	20171ECE0249	Reshma S	SoE	70.00	14.00	Y	
18	20171ECE0252	S Ashish	SoE	86.67	12.00	Y	
19	20171ECE0001	GAYATHRI S	SoE	70.00	12.00	Y	
20	20171ECE0311	Urja Senani	SoE	86.67	22.00	Y	



Name of Course

Mr. Ramzan Basheer

Instructor 1:

Employee ID of Course

Instructor 1:

PUNIV000

Name of Course

Instructor 2:

NA

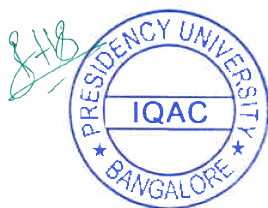
Employee ID of Course

Instructor 2:

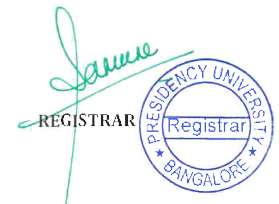
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Signature of Instructor-in-Charge

Signature of HOD



Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code :Probabilistic Approach to System Anaysis and Applications and ECE V 014		
Name of the Instructor: Mr. Ramzan Basheer		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0129	AADARSH SHANKAR
2	20181ECE0140	ANDRA RAM NITISH
3	20181ECE0147	BACHU VIVEKANANDA REDDY
4	20181ECE0166	CHANDAN R KALHATTI
5	20181ECE0183	DASARI SAI VINAYKUMAR
6	20181ECE0189	DUDEKULA FAIROZ
7	20181ECE0211	GOOTY SHAIK MOHAMMED GOUSE BASHA
8	20181ECE0221	GUTTIKONDA NARENDRA REDDY
9	20181ECE0245	KOLAKALA GANGI REDDY



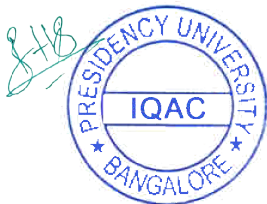
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 014		Academic Year :	2019-2020			
Course Name :	Probabilistic Approach to System Analysis and Applications		Semester :	Even Semester			
			Instructor-in-Charge Name :	Mr. Ramzan Basheer			
			Instructor-in-Charge Employee ID :	PUNIV000			
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0129	AADARSH SHANKAR	SoC	100.00	5	N	
2	20181ECE0140	ANDRA RAM NITISH	SoE	93.33	15	Y	
3	20181ECE0147	BACHU VIVEKANANDA REDDY	SoE	100.00	11	Y	
4	20181ECE0166	CHANDAN R KALHATTI	SoE	100.00	21	Y	
5	20181ECE0183	DASARI SAI VINAYKUMAR	SoE	96.67	16	Y	
6	20181ECE0189	DUDEKULA FAIROZ	SoE	100.00	24	Y	
7	20181ECE0211	GOOTY SHAIK MOHAMMED GOUSE BASHA	SoE	93.33	21	Y	
8	20181ECE0221	GUTTIKONDA NARENDRA REDDY	SoE	90.00	20	Y	
9	20181ECE0245	KOLAKALA GANGI REDDY	SoE	100.00	20	Y	

Name of Course  
**Mr. Ramzan Basheer**  
Instructor 1:  
Employee ID of Course  
Instructor 1: **PUNIV000**

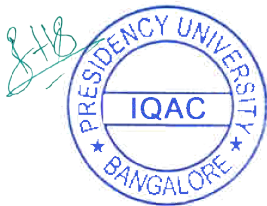
Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

  
**Signature of Instructor-in-Charge**



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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Samreen Fiza		
<b>Title of the Value Added Course</b>	: Image and video processing in various fields		
<b>Course Duration</b>	: 30 hours, ODD sem 2019		
<b>Course Code</b>	: ECE V 016		

## Introduction to the Course:

Digital images and videos are everywhere these days – in thousands of scientific (e.g., astronomical, bio-medical), consumer, industrial, and artistic applications. Moreover they come in a wide range of the electromagnetic spectrum - from visible light and infrared to gamma rays and beyond. The ability to process image and video signals is therefore an incredibly important skill to master for engineering/science students, software developers, and practicing scientists. Digital image and video processing continues to enable the multimedia technology revolution we are experiencing today. Some important examples of image and video processing include the removal of degradations images suffer during acquisition (e.g., removing blur from a picture of a fast moving car), and the compression and transmission of images and videos (if you watch videos online, or share photos via a social media website, you use this everyday!), for economical storage and efficient transmission. This course covers above mentioned scenarios.

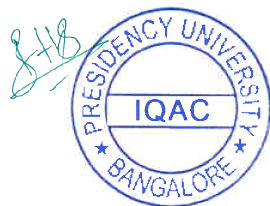
**Prerequisites:** Signals and systems, Probability theory, digital signal processing

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Explain the importance of image and video processing
2. Analyze images and videos as two- and three-dimensional signals
3. Learn the techniques and tools of image and video processing
4. Summarize the role of sparsity in modern image and video processing

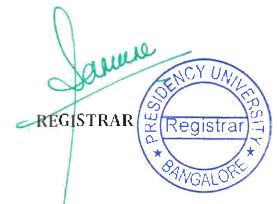
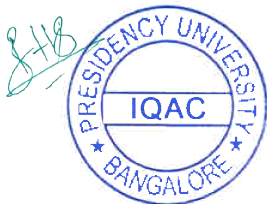
## Course Content:

In this course, students will learn the basic principles and tools used to process images and videos, and how to apply them in solving practical problems of commercial and scientific interests. This course will cover the fundamentals of image and video processing. A mathematical framework to describe and analyze images and videos as two- and three-dimensional signals in the spatial, spatio-temporal, and frequency domains is provided. In this course not only will you learn the theory behind fundamental processing tasks including image/video enhancement, recovery, and compression - but you will also learn how to perform these key processing tasks in practice using state-of-the-art techniques and tools. This course also introduces to a wide variety of tools – from optimization toolboxes to statistical techniques. Emphasis on the special role sparsity plays in modern image and video processing will also be given. In all cases, example images and videos pertaining to specific application domains will be utilized.



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 016</b>	
<b>Course Name :</b>	<b>Image and Video Processing in Various Fields</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0319	POLU NITHISH REDDY
2	20181ECE0380	YANAMALA LIKITHA REDDY
3	20181ECE0384	YEDULA KEDARNATH REDDY
4	20181ECE0411	VUNDELA SAI RAKESH REDDY
5	20181ECE0420	KHAJEE SAMEENA SULTHANA
8	20181ECE0057	M NITHIN
9	20171ECE0211	PAVAN P JOSHI
10	20171ECE0060	Chethan S
11	20171ECE0090	GAJULAPALLI SANDEEP
12	20171ECE0098	Hari Ramyasree
13	20171ece0044	Bhogathi jagadeeshwar reddy
14	20171ECE0233	PRUTHVI P
15	20171ECE0176	Mohammad Talha A





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 016		Academic Year :			2019-2020	
Course Name :	Image and Video Processing in Various Fields		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Mrs Samreen Fiza	
			Instructor-in-Charge Employee ID :			PUNIV00883	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0319	POLU NITHISH REDDY	SoC	100.00	5	N	
2	20181ECE0380	YANAMALA LIKITHA REDDY	SoE	76.67	22	Y	
3	20181ECE0384	YEDULA KEDARNATH REDDY	SoE	100.00	6	N	
4	20181ECE0411	VUNDELA SAI RAKESH REDDY	SoE	100.00	22	Y	
5	20181ECE0420	KHAJEE SAMEENA SULTHANA	SoE	96.67	8	N	
8	20181ECE0057	M NITHIN	SoE	76.67	10	N	
9	20171ECE0211	PAVAN P JOSHI	SoE	90.00	25	Y	
10	20171ECE0060	Chethan S	SoE	100.00	26	Y	
11	20171ECE0090	GAJULAPALLI SANDEEP	SoE	100.00	7	N	
12	20171ECE0098	Hari Ramyasree	SoE	100.00	23	Y	
13	20171ece0044	Bhogathi jagadeeshwar reddy	SoE	70.00	6	N	
14	20171ECE0233	PRUTHVI P	SoE	90.00	8	N	
15	20171ECE0176	Mohammad Talha A	SoE	90.00	10	N	

Name of Course

Instructor 1:

Mrs Samreen Fiza

Employee ID of Course

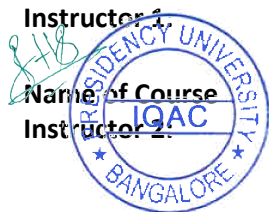
PUNIV00883

Instructor 2:

NA

Name of Course

Instructor 2:



*Samreen Fiza*

*Samreen*



Employee ID of Course  
Instructor 2:

NA

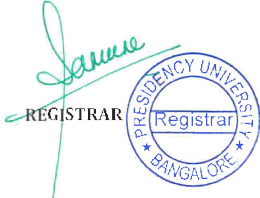
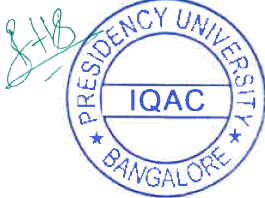
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Signature of Instructor-in-Charge

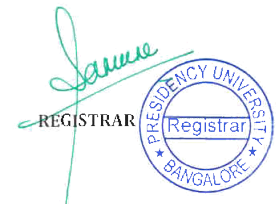
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Signature of HOD



Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b> Total number of hours:30 Value added Course(VAC) Name and Code:Image and Video Processing in Various Fields and ECE V 016 Name of the Instructor:Mrs. Samreen Fiza		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0125	VASANTH KUMAR R
2	20181ECE0268	M GURUNATH
3	20181ECE0299	NALLAYYA GARI THANESH REDDY
4	20191LEC0012	MEGHANA S
5	20171ECE0340	Yadavalli Pradyumna
6	20171ECE0139	KOTA SANDEEP KUMAR
7	20171ece0126	Keerthana S Yadav
8	20171ECE0313	V S V KRISHNA PRASAD
9	20171ECE0171	Mohammed Masthan Basha
10	20171ECE0214	Peddamalla Madhan Mohan Reddy
11	20171ECE0262	SAKIR ALI
12	20171ECE0086	ADARSH CHANNABASAVANNA ZALAKI
13	20171ece0372	Anagha S



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 016		Academic Year :			2019-2020	
Course Name :	Image and Video Processing in Various Fields		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mrs Samreen Fiza PUNIV00883	
			Instructor-in-Charge Employee ID :				
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0125	VASANTH KUMAR R	SoC	100.00	7.00	N	
2	20181ECE0268	M GURUNATH	SoE	100.00	14.00	Y	
3	20181ECE0299	NALLAYYA GARI THANESH REDDY	SoE	100.00	10.00	N	
4	20191LECO012	MEGHANA S	SoE	100.00	10.00	N	
5	20171ECE0340	Yadavalli Pradyumna	SoE	100.00	14.00	Y	
6	20171ECE0139	KOTA SANDEEP KUMAR	SoE	100.00	24.00	Y	
7	20171ece0126	Keerthana S Yadav	SoE	100.00	9.00	N	
8	20171ECE0313	V S V KRISHNA PRASAD	SoE	100.00	24.00	Y	
9	20171ECE0171	Mohammed Masthan Basha	SoE	100.00	6.00	N	
10	20171ECE0214	Peddamalla Madhan Mohan Reddy	SoE	100.00	7.00	N	
11	20171ECE0262	SAKIR ALI	SoE	100.00	16.00	Y	
12	20171ECE0086	ADARSH CHANNABASAVANNA ZALAKI	SoE	100.00	24.00	Y	
13	20171ece0372	Anagha S	SoE	100.00	7.00	N	

**Name of Course**

**Instructor 1:**

Mrs Samreen Fiza

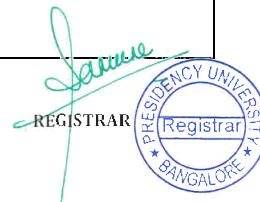
**Employee ID of Course**

PUNIV00883

**Instructor 1:**



*Samreen Fiza*



Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

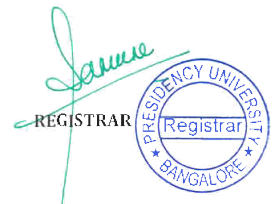
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Signature of Instructor-in-Charge



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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Ishita Deb		
<b>Title of the Value Added Course</b>	: Electronics Devices and circuits		
<b>Course Duration</b>	: ODD sem 2019		
<b>Course Code</b>	: ECE V 017		

## Introduction to the Course:

This Electronics devices and circuits is designed to be a deep dive into the fundamentals of the electronic devices that form the backbone of our current integrated circuits technology. You will gain valuable experience in semiconductor physics, pn junctions, metal-semiconductor contacts, bipolar junction transistors, metal-oxide-semiconductor (MOS) devices, and MOS field effect transistors.

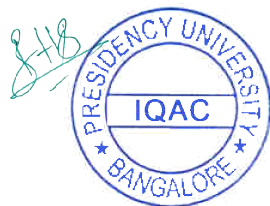
**Prerequisites: Basics of physics, fundamentals of semiconductors**

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Understand the energy band structures and their significance in electric properties of solids
2. Discuss the carrier dynamics and the resulting conduction properties of semiconductors
3. Discuss the carrier statistics in semiconductors
4. Understanding the for further analysis of electronics and photonics devices

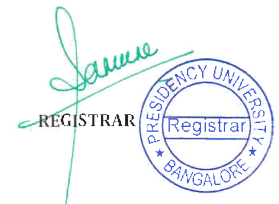
## Course Content:

This course aims to provide a general understanding of semiconductor devices. This course explores the principles and the operation mechanism of semiconductor, such as charge transfer, p-n junction, junction capacitors, and Metal-Oxide-Semiconductor Field Effect Transistors(MOSFETs).



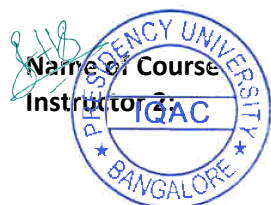
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 017</b>	
<b>Course Name :</b>	<b>Electronics Devices and Circuits</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0125	VASANTH KUMAR R
2	20181ECE0268	M GURUNATH
3	20181ECE0299	NALLAYYA GARI THANESH REDDY
4	20191LEC0012	MEGHANA S
5	20171ECE0340	Yadavalli Pradyumna
6	20171ECE0139	KOTA SANDEEP KUMAR
7	20171ece0126	Keerthana S Yadav
8	20171ECE0313	V S V KRISHNA PRASAD
9	20171ECE0171	Mohammed Masthan Basha
10	20171ECE0214	Peddamalla Madhan Mohan Reddy
11	20171ECE0262	SAKIR ALI
12	20171ECE0086	ADARSH CHANNABASAVANNA ZALAKI
13	20171ece0372	Anagha S



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 017		Academic Year :			2019-2020	
Course Name :	Electronics Devices and Circuits		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Mrs. Ishita Deb	
			Instructor-in-Charge Employee ID :			PUNIV0924	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0125	VASANTH KUMAR R	SoC	100.00	7.00	N	
2	20181ECE0268	M GURUNATH	SoE	100.00	14.00	Y	
3	20181ECE0299	NALLAYYA GARI THANESH REDDY	SoE	100.00	10.00	N	
4	20191LECO012	MEGHANA S	SoE	100.00	10.00	N	
5	20171ECE0340	Yadavalli Pradyumna	SoE	100.00	14.00	Y	
6	20171ECE0139	KOTA SANDEEP KUMAR	SoE	100.00	24.00	Y	
7	20171ece0126	Keerthana S Yadav	SoE	100.00	9.00	N	
8	20171ECE0313	V S V KRISHNA PRASAD	SoE	100.00	24.00	Y	
9	20171ECE0171	Mohammed Masthan Basha	SoE	100.00	6.00	N	
10	20171ECE0214	Peddamalla Madhan Mohan Reddy	SoE	100.00	7.00	N	
11	20171ECE0262	SAKIR ALI	SoE	100.00	16.00	Y	
12	20171ECE0086	ADARSH CHANNABASAVANNA ZALAKI	SoE	100.00	24.00	Y	
13	20171ece0372	Anagha S	SoE	100.00	7.00	N	
<b>Name of Course</b>							
<b>Instructor 1:</b>			Mrs.Ishita Deb				
<b>Employee ID of Course</b>			PUNIV00924				
<b>Instructor 1:</b>			NA				



Ishita Deb  
 REGISTRAR  
 REGISTRAR  
 REGISTRAR



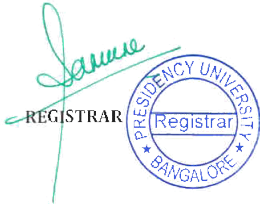
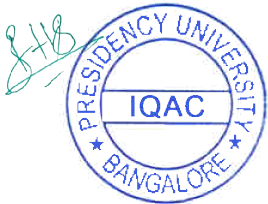
Employee ID of Course  
Instructor 2:

NA

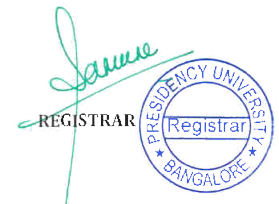
Signature of Instructor-in-  
Charge



Signature of HOD



Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code: Electronics Devices and Circuits and ECE V 017		
Name of the Instructor: Mrs. Ishita Deb		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0319	POLU NITHISH REDDY
2	20181ECE0380	YANAMALA LIKITHA REDDY
3	20181ECE0384	YEDULA KEDARNATH REDDY
4	20181ECE0411	VUNDELA SAI RAKESH REDDY
5	20181ECE0420	KHAJEE SAMEENA SULTHANA
6	20181ECE0057	M NITHIN
7	20171ECE0211	PAVAN P JOSHI
8	20171ECE0060	Chethan S
9	20171ECE0090	GAJULAPALLI SANDEEP
10	20171ECE0098	Hari Ramyasree
11	20171ece0044	Bhogathi jagadeeshwar reddy
12	20171ECE0233	PRUTHVI P
13	20171ECE0176	Mohammad Talha A



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 017		Academic Year :			2019-2020	
Course Name :	Electronics Devices and Circuits		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mrs. Ishita Deb	
			Instructor-in-Charge Employee ID :			PUNIV0924	
S. No	Roll No	Name	School (e.g. SoE/SoC)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0319	POLU NITHISH REDDY	SoC	100.00	5	N	
2	20181ECE0380	YANAMALA LIKITHA REDDY	SoE	76.67	22	Y	
3	20181ECE0384	YEDULA KEDARNATH REDDY	SoE	100.00	6	N	
4	20181ECE0411	VUNDELA SAI RAKESH REDDY	SoE	100.00	22	Y	
5	20181ECE0420	KHAJEE SAMEENA SULTHANA	SoE	96.67	8	N	
8	20181ECE0057	M NITHIN	SoE	76.67	10	N	
9	20171ECE0211	PAVAN P JOSHI	SoE	90.00	25	Y	
10	20171ECE0060	Chethan S	SoE	100.00	26	Y	
11	20171ECE0090	GAJULAPALLI SANDEEP	SoE	100.00	7	N	
12	20171ECE0098	Hari Ramyasree	SoE	100.00	23	Y	
13	20171ECE0044	Bhogathi jagadeeshwar reddy	SoE	70.00	6	N	
14	20171ECE0233	PRUTHVI P	SoE	90.00	8	N	
15	20171ECE0176	Mohammad Talha A	SoE	90.00	10	N	

**Name of Course Instructor**

**1:** Mrs. Ishita Deb

**Employee ID of Course**

**Instructor 1:** PUNIV00924

**Name of Course Instructor**

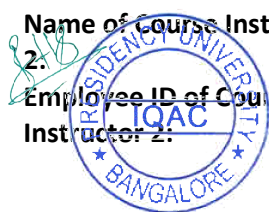
**2:** NA

**Employee ID of Course**

**Instructor 2:** NA

**Signature of Instructor-in-Charge**

REGISTRAR



*[Handwritten Signature]*

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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Trisha Ghosh		
<b>Title of the Value Added Course</b>	: Mobile communication using 5G technology		
<b>Course Duration</b>	: 30 hours, Odd 2019		
<b>Course Code</b>	: <b>ECE V 018</b>		

## Introduction to the Course:

This course focuses on fundamentals of mobile Communication Systems; Switching over from 4G to 5G technology, 5G and its applications.

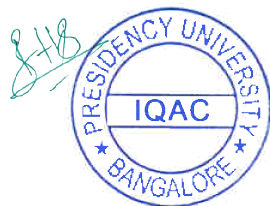
**Prerequisites:** cellular architecture and cell concepts

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Distinguish various multiple access techniques along with area of its application
2. Classify mobile communication standards based on architecture and operation
3. Summarize the routing protocols in mobile Ad-hoc networks
4. Explain 5G technology and its applications

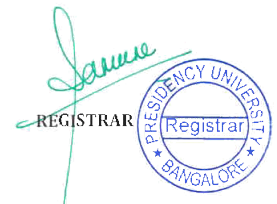
## Course Content:

This course focuses on fundamentals of wireless cellular/mobile / personal communications systems and basics of designing simple communication systems. The course progress with types of handoff and their characteristics; MAC, SDMA, FDMA, TDMA, CDMA; Cellular wireless Networks; Wireless Networks; Mobile Communication Systems; GPRS architecture; Mobile Network and Transport Layers; Mobile Ad Hoc Routing Protocols; TCP over Wireless Networks; Application Layer. Application of the course includes conceptual orientation, theoretical framework and analysis, and system design. Switching over from 4G to 5G technology.



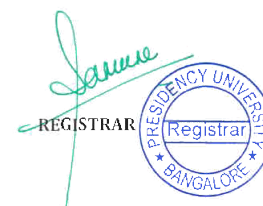
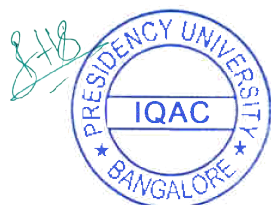
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code</b> :	<b>ECE V 018</b>	
<b>Course Name</b> :	<b>Mobile Communication Using 5G Technology</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0175	CHINNIREDDYGARI SRIPATHI
2	20181ECE0314	PATHAKUNTA MOOLAMMA
3	20191LEC0015	SRINIVAS GOWDA K N
4	20181ECE0011	AMITH KUMAR S
5	20181ECE0012	ARUN R
6	20181ECE0066	MOHAMMED WASEEM WARIS
7	20181ECE0090	PUSHPANJALI ACHUTHAN
8	20181ECE0130	ABDUL AFTAAB AHAMED SHEIK
9	20181ECE0135	ALLAGADDA MARUTHI ROHITH
10	20171ECE0071	Daroori Samyukta



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 018		Academic Year :			2019-2020	
Course Name :	Mobile Communication Using 5G Technology		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Ms. Trisha Ghosh	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0175	CHINNIREDDYGARI SRIPATHI	SoC	83.33	2.00	N	
2	20181ECE0314	PATHAKUNTA MOOLAMMA	SoE	90.00	22.00	Y	
3	20191LECO015	SRINIVAS GOWDA K N	SoE	100.00	17.00	Y	
4	20181ECE0011	AMITH KUMAR S	SoE	100.00	10.00	N	
5	20181ECE0012	ARUN R	SoE	96.67	23.00	Y	
6	20181ECE0066	MOHAMMED WASEEM WARIS	SoE	76.67	4.00	N	
7	20181ECE0090	PUSHPANJALI ACHUTHAN	SoE	90.00	6.00	N	
8	20181ECE0130	ABDUL AFTAAB AHAMED SHEIK	SoE	90.00	18.00	Y	
9	20181ECE0135	ALLAGADDA MARUTHI ROHITH	SoE	100.00	25.00	Y	
10	20171ECE0071	Daroori Samyukta	SoE	100.00	9.00	Y	



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

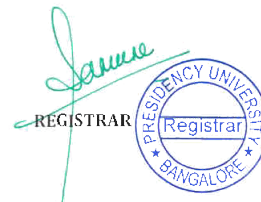
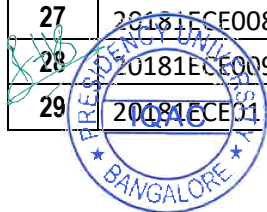
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code: Mobile Communication Using 5G Technology and ECE V 018

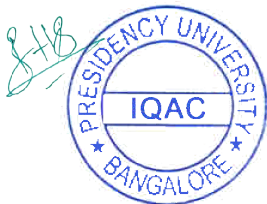
Name of the Instructor: Ms. Trisha Ghosh

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0137	AMARA SUNDAR
2	20181ECE0173	CHIMMIRI BHANU PRAKASH
3	20181ECE0190	DUSTHAKAR RAHUL
4	20181ECE0202	GANGIREDDY NIKHITHA
5	20181ECE0220	GUTHA SIVASAI NAIDU
6	20181ECE0244	KODAMALA DINAKAR
7	20181ECE0270	MACHA BINITHA YADAV
8	20181ECE0276	MAKKALA YASHOVARDHAN
9	20181ECE0278	MALLELA AKHILESWARA REDDY
10	20181ECE0366	VALLEPU BHAVYA SAI
11	20181ECE0375	VINUKONDA CHARANTEJA
12	20181ECE0402	DEEPAK B SALAGARE
13	20181ECE0418	YENDURI BHANU NAGENDRA SANDEEP
14	20181ECE9017	MAYANK CHANDRA
15	20181ECE0041	HEMANTH R
16	20181ECE0073	NIBA FATHIMA P
17	20181ECE0080	PALLAVI A
18	20181ECE0109	SHRIYA S KUMAR
19	20181ECE0152	BATCHALI BHEEMA SAI
20	20181ECE0164	CHAKKA SAI TEJA
21	20181ECE0264	LANKI REDDY JAGRUTH REDDY
22	20181ECE0297	NALLANI KIRAN KUMAR
23	20181ECE0333	REDDY MOHAMMAD SOHAIL
24	20181ECE0354	SYED RAYEES DAANISH
25	20181ECE0065	MOHAMMED SIDDIQUE IZHAN V K
26	20181ECE0084	PRAJWAL B J
27	20181ECE0088	PREETHI S SARANGAMATH
28	20181ECE0097	ROHIT R ACHANUR
29	20181ECE0113	SRI SAI CHANDANA P



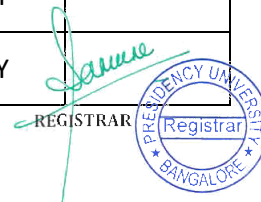
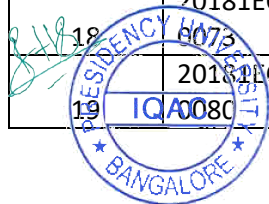


30	20181ECE0131	AKEPATI NAVANEESH KUMAR REDDY
31	20181ECE0184	DEVANGAM SAI BRUHATI
32	20181ECE0194	ERLA SUDHEER
33	20181ECE0233	KAMATAM MANIKANTA
34	20181ECE0255	KOTU VASUDEV
35	20181ECE0273	MADDI VAMSI KRISHNA
36	20181ECE0345	SHAIK MOHAMMED MUHEETH
37	20181ECE0374	VIGNESH BABU R V
38	20181ECE0388	YERUVA SREENU
39	20171ECE0361	SANJEEV KUMAR
40	20171ECE0309	Mrudhula



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 018		Academic Year :			2019-2020	
Course Name :	Mobile Communication Using 5G Technology		Semester :			Even Semester	
			Instructor-in-Charge Name :			Ms. Trisha Ghosh	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0137	AMARA SUNDAR	SoC	96.67	11.00	Y	
2	20181ECE0173	CHIMMIRI BHANU PRAKASH	SoE	93.33	22.00	Y	
3	20181ECE0190	DUSTHAKAR RAHUL	SoE	100.00	23.00	Y	
4	20181ECE0202	GANGIREDDY NIKHITHA	SoE	100.00	23.00	Y	
5	20181ECE0220	GUTHA SIVASAI NAIDU	SoE	100.00	14.00	Y	
6	20181ECE0244	KODAMALA DINAKAR	SoE	100.00	13.00	Y	
7	20181ECE0270	MACHA BINITHA YADAV	SoE	83.33	19.00	Y	
8	20181ECE0276	MAKKALA YASHOVARDHAN	SoE	90.00	18.00	Y	
9	20181ECE0278	MALLELA AKHILESWARA REDDY	SoE	100.00	20.00	Y	
10	20181ECE0366	VALLEPU BHAVYA SAI	SoE	100.00	11.00	Y	
11	20181ECE0375	VINUKONDA CHARANTEJA	SoE	100.00	23.00	Y	
12	20181ECE0402	DEEPAK B SALAGARE	SoE	66.67	17.00	Y	
13	20181ECE0418	YENDURI BHANU NAGENDRA SANDEEP	SoE	76.67	15.00	Y	
14	20181ECE9017	MAYANK CHANDRA	SoE	86.67	17.00	Y	
17	20181ECE0041	HEMANTH R	SoE	86.67	11.00	Y	
18	20181ECE0073	NIBA FATHIMA P	SoE	90.00	19.00	Y	
19	20181ECE0080	PALLAVI A	SoE	86.67	25.00	Y	



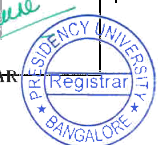
20	20181ECE 0109	SHRIYA S KUMAR	SoE	100. 00	22.00	Y	
21	20181ECE 0152	BATCHALI BHEEMA SAI	SoE	100. 00	17.00	Y	
22	20181ECE 0164	CHAKKA SAI TEJA	SoE	100. 00	11.00	Y	
23	20181ECE 0264	LANKI REDDY JAGRUTH REDDY	SoE	100. 00	13.00	Y	
24	20181ECE 0297	NALLANI KIRAN KUMAR	SoE	93.3 3	16.00	Y	
25	20181ECE 0333	REDDY MOHAMMAD SOHAIL	SoE	100. 00	15.00	Y	
26	20181ECE 0354	SYED RAYEES DAANISH	SoE	100. 00	17.00	Y	
30	20181ECE 0065	MOHAMMED SIDDIQUE IZHAN V K	SoE	93.3 3	25.00	Y	
31	20181ECE 0084	PRAJWAL B J	SoE	86.6 7	25.00	Y	
32	20181ECE 0088	PREETHI S SARANGAMATH	SoE	100. 00	7.00	N	
33	20181ECE 0097	ROHIT R ACHANUR	SoE	76.6 7	8.00	N	
34	20181ECE 0113	SRI SAI CHANDANA P	SoE	86.6 7	13.00	Y	
35	20181ECE 0131	AKEPATI NAVANEESH KUMAR REDDY	SoE	86.6 7	17.00	Y	
36	20181ECE 0184	DEVANGAM SAI BRUHATI	SoE	86.6 7	14.00	Y	
37	20181ECE 0194	ERLA SUDHEER	SoE	100. 00	13.00	Y	
38	20181ECE 0233	KAMATAM MANIKANTA	SoE	100. 00	18.00	Y	
39	20181ECE 0255	KOTU VASUDEV	SoE	83.3 3	17.00	Y	
40	20181ECE 0273	MADDI VAMSI KRISHNA	SoE	83.3 3	14.00	Y	
41	20181ECE 0345	SHAIK MOHAMMED MUHEETH	SoE	90.0 0	19.00	Y	
42	20181ECE 0374	VIGNESH BABU R V	SoE	90.0 0	15.00	Y	
43	20181ECE 0388	YERUVA SREENU	SoE	83.3 3	25.00	Y	
44	20171ECE 0361	SANJEEV KUMAR	SoE	100. 00	7.00	N	
45	20171ECE 0309	Mrudhula	SoE	85.7 1%	21.00	Y	

Name of Course  
Instructor 1:  
Employee ID of Course  
Instructor 1:

Ms. Trisha Ghosh  
PUNIV000

*[Handwritten Signature]*

REGISTRAR



Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

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Signature of Instructor-in-Charge



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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Akshaya M Ganorkar /Mr. Ramzan Basheer		
<b>Title of the Value Added Course</b>	: Fundamentals of FPGA design and Modelling		
<b>Course Duration</b>	: 30 hours, Odd sem 2019		
<b>Course Code</b>	: ECE V 019		

## Introduction to the Course:

This course will build the foundation for FPGA design along with practical design skills. Provides opportunity to learn what an FPGA is and how this technology was developed, how to select the best FPGA architecture for a given application, how to use state of the art software tools for FPGA development, and solve critical digital design problems using FPGAs. Student shall use FPGA development tools to complete many design examples. Basics of HDLs will help to model a circuit for various applications.

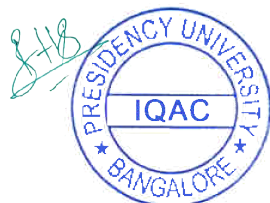
**Prerequisites: Basics of Digital designs,**

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Understand the basics of Programmable logic devices and architectures.
2. Understand basics of Verilog HDL.
3. Design an example using sophisticated FPGA design tools.
4. Summarize FPGA Architectures: SRAM, FLASH, and Anti-fuse and their use based on applications.

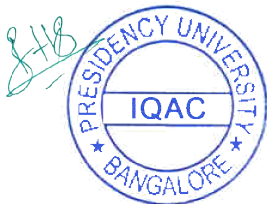
## Course Content:

This course will build the foundation for FPGA design along with practical design skills. Provides opportunity to learn what an FPGA is and how this technology was developed, how to select the best FPGA architecture for a given application, how to use state of the art software tools for FPGA development, and solve critical digital design problems using FPGAs. Student shall use FPGA development tools to complete many design examples. Basics of HDLs will help to model a circuit for various applications.



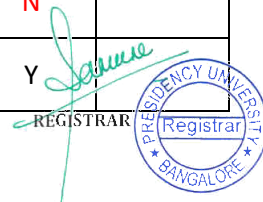
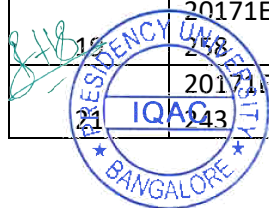
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 019</b>	
<b>Course Name :</b>	<b>Fundamentals of FPGA Design And Modelling</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
3	20181ECE0038	HARISH S
4	20181ECE0280	MANCHA CHINNA BAYANNA
5	20181ECE0338	SAI KUMAR PAMARTHI
7	20181ECE0087	PREETHAM MADHUKAR
8	20181ECE0106	SHALINI V
9	20181ECE0169	CHEREDDY RAJA SEKHAR REDDY
10	20181ECE0176	CHINTALAPUDI GOPI KRISHNA
11	20181ECE0212	GOUTHAM KUMAR G
12	20181ECE0317	POCHIMIREDDY VIJAY KUMAR REDDY
13	20181ECE0343	SETTY REDDY VIKESH
14	20171ECE0274	SAVARAPU DHANRAJ NAIDU
15	20171ECE0104	Hrithik Srinivas
16	20171ECE0273	Sathvik K M
17	20171ECE0226	Prajval J
18	20171ECE0286	S.N.V.Manasvi
19	20171ECE0258	Sagar KC
21	20171ECE0243	Rahul John B S



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 019		Academic Year :			2019-2020	
Course Name :	Fundamentals of FPGA Design And Modelling		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Ms Akshaya M Ganorkar	
			Instructor-in-Charge Employee ID :			PUNIV01023	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
3	20181ECE0038	HARISH S	SoE	90.00	18.00	Y	
4	20181ECE0280	MANCHA CHINNA BAYANNA	SoE	73.33	24.00	Y	
5	20181ECE0338	SAI KUMAR PAMARTHI	SoE	80.00	10.00	N	
7	20181ECE0087	PREETHAM MADHUKAR	SoE	83.33	22.00	Y	
8	20181ECE0106	SHALINI V	SoE	90.00	17.00	Y	
9	20181ECE0169	CHEREDDY RAJA SEKHAR REDDY	SoE	100.00	15.00	Y	
10	20181ECE0176	CHINTALAPUDI GOPI KRISHNA	SoE	70.00	18.00	Y	
11	20181ECE0212	GOUTHAM KUMAR G	SoE	73.33	21.00	Y	
12	20181ECE0317	POCHIMIREDDY VIJAY KUMAR REDDY	SoE	100.00	21.00	Y	
13	20181ECE0343	SETTY REDDY VIKESH	SoE	73.33	16.00	Y	
14	20171ECE0274	SAVARAPU DHANRAJ NAIDU	SoE	63.33	7.00	N	
15	20171ECE0104	Hrithik Srinivas	SoE	80.00	6.00	N	
16	20171ECE0273	Sathvik K M	SoE	86.67	18.00	Y	
17	20171ECE0226	Prajval J	SoE	80.00	21.00	Y	
18	20171ECE0286	S.N.V.Manasvi	SoE	80.00	7.00	N	
19	20171ECE0258	Sagar KC	SoE	86.67	1.00	N	
21	20171ECE0243	Rahul John B S	SoE	70.00	17.00	Y	



Name of Course  
Instructor 1:  
Employee ID of Course  
Instructor 1:

Ms Akshaya M Ganorkar
PUNIV01023

Name of Course  
Instructor 2:  
Employee ID of Course  
Instructor 2:

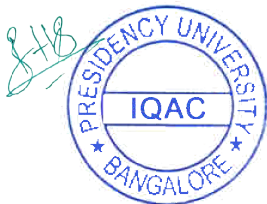
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NA



Signature of Instructor-in-Charge

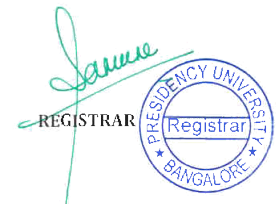


Signature of HOD





Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code:Fundamentals of FPGA Design And Modelling and ECE V 019		
Name of the Instructor: Ms. Akshaya M Ganorkar		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0352	PARTH PRAHLAD RAJGURU
2	20181ECE0378	VISHWASHREE C H
3	20181ECE0389	SOMPALLI PURUSHOTHAM
4	20181ECE0421	GAJJALA AJAY KUMAR REDDY
5	20181ECE0052	L MADHAVI
6	20181ECE0121	SUSHMITHA N
7	20181ECE0186	DIVYASHREE S
8	20181ECE0296	NALLAGU SUNIL
9	20181ECE0303	NICHENAMETLA ASHOK
10	20171ECE0204	Pandiripalli Harshitha
11	20171ECE0306	Tamma Sai Manikanta
12	20171ECE0259	Sahana S Rao



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 019		Academic Year :		2019-2020		
Course Name :	Fundamentals of FPGA Design And Modelling		Semester :		Even Semester		
			Instructor-in-Charge Name :		Ms. Akshaya M Ganorkar		
			Instructor-in-Charge Employee ID :		PUNIV01023		
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0352	PARTH PRAHLAD RAJGURU	SoC	100.00	17	Y	
2	20181ECE0378	VISHWASHREE C H	SoE	100.00	20	Y	
3	20181ECE0389	SOMPALLI PURUSHOTHAM	SoE	100.00	8	N	
4	20181ECE0421	GAJJALA AJAY KUMAR REDDY	SoE	100.00	1	N	
5	20181ECE0052	L MADHAVI	SoE	96.67	9	N	
6	20181ECE0121	SUSHMITHA N	SoE	100.00	11	Y	
7	20181ECE0186	DIVYASHREE S	SoE	76.67	20	Y	
8	20181ECE0296	NALLAGU SUNIL	SoE	90.00	10	N	
9	20181ECE0303	NICHENAMETLA ASHOK	SoE	100.00	8	N	
10	20171ECE0204	Pandiripalli Harshitha	SoE	80.00	8	N	
11	20171ECE0306	Tammanna Sai Manikanta	SoE	93.33	16	Y	
12	20171ECE0259	Sahana S Rao	SoE	100.00	19	Y	

Name of Course Instructor 1:	Ms Akshaya M Ganorkar
Employee ID of Course Instructor 1:	PUNIV01023

Name of Course Instructor 2: NA  
Employee ID of Course Instructor 2: NA



*(Signature)*

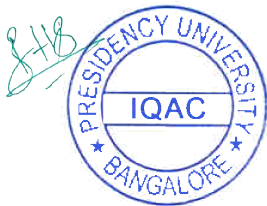
Signature of Instructor-in-Charge



| |

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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Nanditha H G		
<b>Title of the Value Added Course</b>	: Fundamentals of HDL		
<b>Course Duration</b>	: 30 hours, August 2021 to December 2021		
<b>Course Code</b>	: ECE V 020		

## Introduction to the Course:

verilog HDL is a hardware description language that can be used to model a digital system at many levels of abstraction. The digital system can be described hierarchically and timing can be explicitly modeled within the same description.

**Prerequisites: Boolean algebra, combinational and sequential circuits**

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Understand the basics of Hardware Description Languages, Program structure and basic language elements of Verilog
2. Understand types of modelling, modules, functions of Verilog and simulate and synthesize related Programs.
3. Explain procedures, function and tasks of Hardware description language
4. Explain various types of delay models

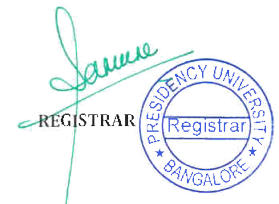
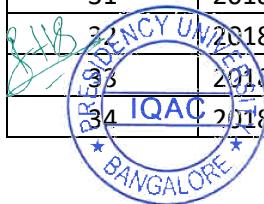
## Course Content:

A Brief History of HDL, Structure of HDL Module, Operators, Data types, Types of Descriptions, simulation and synthesis, Brief comparison of VHDL and Verilog. Data-Flow Descriptions: Highlights of Data-Flow Descriptions, Structure of Data-Flow Description, Data Type – Vectors. Behavioral Descriptions: Behavioral Description highlights, structure of HDL behavioral Description, The VHDL variable – Assignment Statement, sequential statements. Structural Descriptions: Highlights of structural Description, Organization of the structural Descriptions, Binding, state Machines, Generate, Generic, and Parameter statements. Procedures, Tasks, and Functions: Highlights of Procedures, tasks, and Functions, Procedures and tasks, Functions. types of delay modules and timing checks

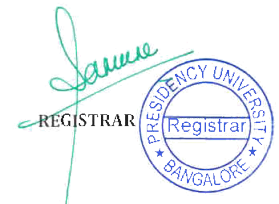
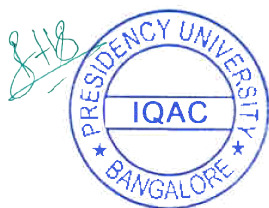


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code</b> :	<b>ECE V 020</b>	
<b>Course Name</b> :	<b>Fundamentals of HDL</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0137	AMARA SUNDAR
2	20181ECE0173	CHIMMIRI BHANU PRAKASH
3	20181ECE0190	DUSTHAKAR RAHUL
4	20181ECE0202	GANGIREDDY NIKHITHA
5	20181ECE0220	GUTHA SIVASAI NAIDU
6	20181ECE0244	KODAMALA DINAKAR
7	20181ECE0270	MACHA BINITHA YADAV
8	20181ECE0276	MAKKALA YASHOVARDHAN
9	20181ECE0278	MALLELA AKHILESWARA REDDY
10	20181ECE0366	VALLEPU BHAVYA SAI
11	20181ECE0375	VINUKONDA CHARANTEJA
12	20181ECE0402	DEEPAK B SALAGARE
13	20181ECE0418	YENDURI BHANU NAGENDRA SANDEEP
14	20181ECE9017	MAYANK CHANDRA
15	20181ECE0041	HEMANTH R
16	20181ECE0073	NIBA FATHIMA P
17	20181ECE0080	PALLAVI A
18	20181ECE0109	SHRIYA S KUMAR
19	20181ECE0152	BATCHALI BHEEMA SAI
20	20181ECE0164	CHAKKA SAI TEJA
21	20181ECE0264	LANKI REDDY JAGRUTH REDDY
22	20181ECE0297	NALLANI KIRAN KUMAR
23	20181ECE0333	REDDY MOHAMMAD SOHAIL
24	20181ECE0354	SYED RAYEES DAANISH
25	20181ECE0065	MOHAMMED SIDDIQUE IZHAN V K
26	20181ECE0084	PRAJWAL B J
27	20181ECE0088	PREETHI S SARANGAMATH
28	20181ECE0097	ROHIT R ACHANUR
29	20181ECE0113	SRI SAI CHANDANA P
30	20181ECE0131	AKEPATI NAVANEESH KUMAR REDDY
31	20181ECE0184	DEVANGAM SAI BRUHATI
32	20181ECE0194	ERLA SUDHEER
33	20181ECE0233	KAMATAM MANIKANTA
34	20181ECE0255	KOTU VASUDEV

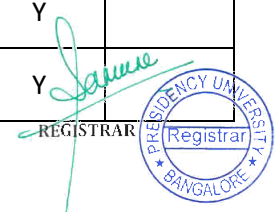
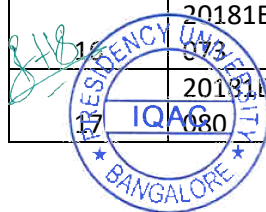


35	20181ECE0273	MADDI VAMSI KRISHNA
36	20181ECE0345	SHAIK MOHAMMED MUHEETH
37	20181ECE0374	VIGNESH BABU R V
38	20181ECE0388	YERUVA SREENU
39	20171ECE0361	SANJEEV KUMAR
40	20171ECE0309	Mrudhula



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 020		Academic Year :			2019-2020	
Course Name :	Fundamentals of HDL		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Ms. Nanditha H G	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0137	AMARA SUNDAR	SoC	96.67	11.00	Y	
2	20181ECE0173	CHIMMIRI BHANU PRAKASH	SoE	93.33	22.00	Y	
3	20181ECE0190	DUSTHAKAR RAHUL	SoE	100.00	23.00	Y	
4	20181ECE0202	GANGIREDDY NIKHITHA	SoE	100.00	23.00	Y	
5	20181ECE0220	GUTHA SIVASAI NAIDU	SoE	100.00	14.00	Y	
6	20181ECE0244	KODAMALA DINAKAR	SoE	100.00	13.00	Y	
7	20181ECE0270	MACHA BINITHA YADAV	SoE	83.33	19.00	Y	
8	20181ECE0276	MAKKALA YASHOVARDHAN	SoE	90.00	18.00	Y	
9	20181ECE0278	MALLELA AKHILESWARA REDDY	SoE	100.00	20.00	Y	
10	20181ECE0366	VALLEPU BHAVYA SAI	SoE	100.00	11.00	Y	
11	20181ECE0375	VINUKONDA CHARANTEJA	SoE	100.00	23.00	Y	
12	20181ECE0402	DEEPAK B SALAGARE	SoE	66.67	17.00	Y	
13	20181ECE0418	YENDURI BHANU NAGENDRA SANDEEP	SoE	76.67	15.00	Y	
14	20181ECE9017	MAYANK CHANDRA	SoE	86.67	17.00	Y	
15	20181ECE0041	HEMANTH R	SoE	86.67	11.00	Y	
16	20181ECE0073	NIBA FATHIMA P	SoE	90.00	19.00	Y	
17	20181ECE0080	PALLAVI A	SoE	86.67	25.00	Y	



18	20181ECE0109	SHRIYA S KUMAR	SoE	100.00	22.00	Y	
19	20181ECE0152	BATCHALI BHEEMA SAI	SoE	100.00	17.00	Y	
20	20181ECE0164	CHAKKA SAI TEJA	SoE	100.00	11.00	Y	
21	20181ECE0264	LANKI REDDY JAGRUTH REDDY	SoE	100.00	13.00	Y	
22	20181ECE0297	NALLANI KIRAN KUMAR	SoE	93.33	16.00	Y	
23	20181ECE0333	REDDY MOHAMMAD SOHAIL	SoE	100.00	15.00	Y	
24	20181ECE0354	SYED RAYEES DAANISH	SoE	100.00	17.00	Y	
25	20181ECE0065	MOHAMMED SIDDIQUE IZHAN V K	SoE	93.33	25.00	Y	
26	20181ECE0084	PRAJWAL B J	SoE	86.67	25.00	Y	
27	20181ECE0088	PREETHI S SARANGAMATH	SoE	100.00	7.00	N	
28	20181ECE0097	ROHIT R ACHANUR	SoE	76.67	8.00	N	
29	20181ECE0113	SRI SAI CHANDANA P	SoE	86.67	13.00	Y	
30	20181ECE0131	AKEPATI NAVANEESH KUMAR REDDY	SoE	86.67	17.00	Y	
31	20181ECE0184	DEVANGAM SAI BRUHATI	SoE	86.67	14.00	Y	
32	20181ECE0194	ERLA SUDHEER	SoE	100.00	13.00	Y	
33	20181ECE0233	KAMATAM MANIKANTA	SoE	100.00	18.00	Y	
34	20181ECE0255	KOTU VASUDEV	SoE	83.33	17.00	Y	
35	20181ECE0273	MADDI VAMSI KRISHNA	SoE	83.33	14.00	Y	
36	20181ECE0345	SHAIK MOHAMMED MUHEETH	SoE	90.00	19.00	Y	
37	20181ECE0374	VIGNESH BABU R V	SoE	90.00	15.00	Y	
38	20181ECE0388	YERUVA SREENU	SoE	83.33	25.00	Y	
39	20171ECE0361	SANJEEV KUMAR	SoE	100.00	7.00	N	
40	20171ECE0309	Mrudhula	SoE	85.71%	21.00	Y	

Name of Course

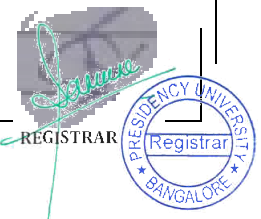
Instructor 1:

Employee ID of Course

Instructor 1:

Ms. Nanditha H G

PUNIV000





Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

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Signature of Instructor-in-  
Charge

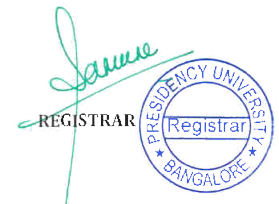


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Signature of HOD



Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b> Total number of hours:30 Value added Course(VAC) Name and Code:Fundamentals of HDL and ECE V 020 Name of the Instructor: Ms. Nanditha H G		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0175	CHINNIREDDYGARI SRIPATHI
2	20181ECE0314	PATHAKUNTA MOOLAMMA
3	20191LEC0015	SRINIVAS GOWDA K N
4	20181ECE0011	AMITH KUMAR S
5	20181ECE0012	ARUN R
6	20181ECE0066	MOHAMMED WASEEM WARIS
7	20181ECE0090	PUSHPANJALI ACHUTHAN
8	20181ECE0130	ABDUL AFTAAB AHAMED SHEIK
9	20181ECE0135	ALLAGADDA MARUTHI ROHITH
10	20171ECE0071	Daroori Samyukta



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 020		Academic Year :	2019-2020			
Course Name :	Fundamentals of HDL		Semester :	Even Semester			
			Instructor-in-Charge Name :	Ms. Nanditha H G			
			Instructor-in-Charge Employee ID :	PUNIV000			
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0175	CHINNIREDDYGARI SRIPATHI	SoC	83.33	2.00	N	
2	20181ECE0314	PATHAKUNTA MOOLAMMA	SoE	90.00	22.00	Y	
3	20191LECO015	SRINIVAS GOWDA K N	SoE	100.00	17.00	Y	
4	20181ECE0011	AMITH KUMAR S	SoE	100.00	10.00	N	
5	20181ECE0012	ARUN R	SoE	96.67	23.00	Y	
6	20181ECE0066	MOHAMMED WASEEM WARIS	SoE	76.67	4.00	N	
7	20181ECE0090	PUSHPANJALI ACHUTHAN	SoE	90.00	6.00	N	
8	20181ECE0130	ABDUL AFTAAB AHAMED SHEIK	SoE	90.00	18.00	Y	
9	20181ECE0135	ALLAGADDA MARUTHI ROHITH	SoE	100.00	25.00	Y	
10	20171ECE0071	Daroori Samyukta	SoE	100.00	9.00	Y	

Name of Course

Instructor 1:

Employee ID of Course

Instructor 1:

Ms. Nanditha H G

PUNIV000

Name of Course

Instructor 2:

Employee ID of Course

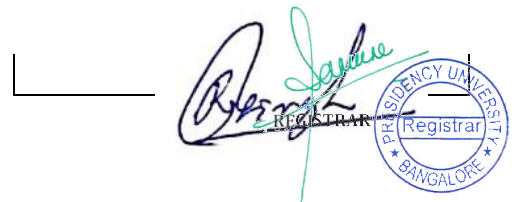
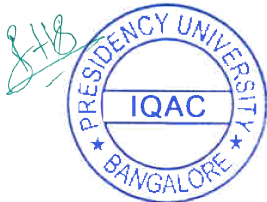
Instructor 2:

NA

NA

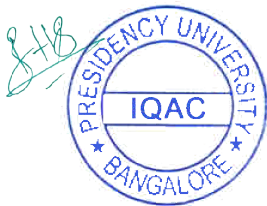


Signature of Instructor-in-Charge



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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Maitraiye Konar		
<b>Title of the Value Added Course</b>	: Digital Transformations		
<b>Course Duration</b>	: 30 hours, August 20219 to December 2019		
<b>Course Code</b>	: ECE V 022		

## Introduction to the Course:

This course will provides us an understanding of IT-enabled changes in the business environment, and how insightful executives leverage IT to create value and win competitive battles.

**Prerequisites: NIL**

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Describes technological innovation
2. Explore competitive dynamics of industries that consume significant technology with emphasis on how technology has disrupted industries such as music, media and education
3. To know the impacts of Revenue growth in industry.
4. Learn Buisness Strategy.

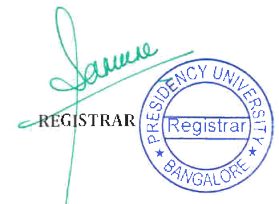
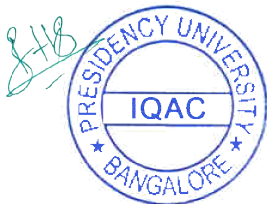
## Course Content:

The course is divided into three parts – the first part of the course focuses on the industry impacts of technological innovation. The second part of the course focuses on how IT transforms cost structures of firms by helping them build information capabilities that significantly increase value chain efficiency. The final part of the course will focus on the impact of IT on innovation and decision-making within firms that, ultimately impacts revenue growth.



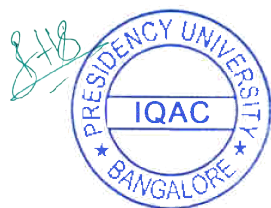
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 022</b>	
<b>Course Name :</b>	<b>Digital Transformations</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0352	PARTH PRAHLAD RAJGURU
2	20181ECE0378	VISHWASHREE C H
3	20181ECE0389	SOMPALLI PURUSHOTHAM
4	20181ECE0421	GAJJALA AJAY KUMAR REDDY
7	20181ECE0052	L MADHAVI
8	20181ECE0121	SUSHMITHA N
9	20181ECE0186	DIVYASHREE S
10	20181ECE0296	NALLAGU SUNIL
11	20181ECE0303	NICHENAMETLA ASHOK
12	20171ECE0204	Pandiripalli Harshitha
13	20171ECE0306	Tamma Sai Manikanta
14	20171ECE0259	Sahana S Rao

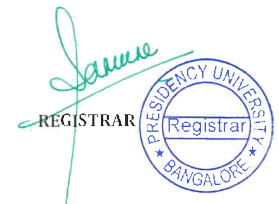
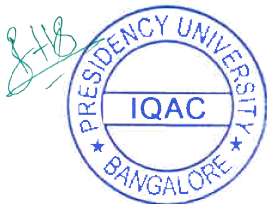


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 022		Academic Year :			2019-2020	
Course Name :	Digital Transformations		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Ms. Maitraiye Konar	
			Instructor-in-Charge Employee ID :			PUNIV1134	
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0352	PARTH PRAHLAD RAJGURU	SoC	100.00	17	Y	
2	20181ECE0378	VISHWASHREE C H	SoE	100.00	20	Y	
3	20181ECE0389	SOMPALLI PURUSHOTHAM	SoE	100.00	8	N	
4	20181ECE0421	GAJJALA AJAY KUMAR REDDY	SoE	100.00	1	N	
5	20181ECE0052	L MADHAVI	SoE	96.67	9	N	
6	20181ECE0121	SUSHMITHA N	SoE	100.00	11	Y	
7	20181ECE0186	DIVYASHREE S	SoE	76.67	20	Y	
8	20181ECE0296	NALLAGU SUNIL	SoE	90.00	10	N	
9	20181ECE0303	NICHENAMETLA ASHOK	SoE	100.00	8	N	
10	20171ECE0204	Pandiripalli Harshitha	SoE	80.00	8	N	
11	20171ECE0306	Tammana Sai Manikanta	SoE	93.33	16	Y	
12	20171ECE0259	Sahana S Rao	SoE	100.00	19	Y	



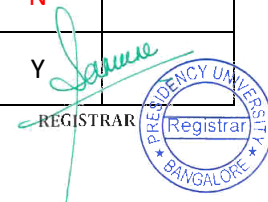
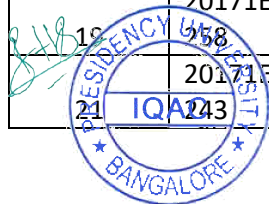
Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code :Digital Transformations and ECE V 022		
Name of the Instructor: Ms. Maitraiye Konar		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0038	HARISH S
2	20181ECE0280	MANCHA CHINNA BAYANNA
3	20181ECE0338	SAI KUMAR PAMARTHI
4	20181ECE0087	PREETHAM MADHUKAR
5	20181ECE0106	SHALINI V
6	20181ECE0169	CHEREDDY RAJA SEKHAR REDDY
7	20181ECE0176	CHINTALAPUDI GOPI KRISHNA
8	20181ECE0212	GOUTHAM KUMAR G
9	20181ECE0317	POCHIMIREDDY VIJAY KUMAR REDDY
10	20181ECE0343	SETTY REDDY VIKESH
11	20171ECE0274	SAVARAPU DHANRAJ NAIDU
12	20171ECE0104	Hrithik Srinivas
13	20171ECE0273	Sathvik K M
14	20171ECE0226	Prajval J
15	20171ECE0286	S.N.V.Manasvi
16	20171ECE0258	Sagar KC
17	20171ECE0243	Rahul John B S





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 022		Academic Year :			2019-2020	
Course Name :	Digital Transformations		Semester :			Even Semester	
			Instructor-in-Charge Name :			Ms. Maitraiye Konar	
			Instructor-in-Charge Employee ID :			PUNIV1134	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
3	20181ECE0038	HARISH S	SoE	90.00	18.00	Y	
4	20181ECE0280	MANCHA CHINNA BAYANNA	SoE	73.33	24.00	Y	
5	20181ECE0338	SAI KUMAR PAMARTHI	SoE	80.00	10.00	N	
7	20181ECE0087	PREETHAM MADHUKAR	SoE	83.33	22.00	Y	
8	20181ECE0106	SHALINI V	SoE	90.00	17.00	Y	
9	20181ECE0169	CHEREDDY RAJA SEK HAR REDDY	SoE	100.00	15.00	Y	
10	20181ECE0176	CHINTALAPUDI GOPI KRISHNA	SoE	70.00	18.00	Y	
11	20181ECE0212	GOUTHAM KUMAR G	SoE	73.33	21.00	Y	
12	20181ECE0317	POCHIMIREDDY VIJAY KUMAR REDDY	SoE	100.00	21.00	Y	
13	20181ECE0343	SETTY REDDY VIKESH	SoE	73.33	16.00	Y	
14	20171ECE0274	SAVARAPU DHANRAJ NAIDU	SoE	63.33	7.00	N	
15	20171ECE0104	Hrithik Srinivas	SoE	80.00	6.00	N	
16	20171ECE0273	Sathvik K M	SoE	86.67	18.00	Y	
17	20171ECE0226	Prajval J	SoE	80.00	21.00	Y	
18	20171ECE0286	S.N.V.Manasvi	SoE	80.00	7.00	N	
19	20171ECE0258	Sagar KC	SoE	86.67	1.00	N	
21	20171ECE0243	Rahul John B S	SoE	70.00	17.00	Y	



Name of Course  
Instructor 1:  
Employee ID of Course  
Instructor 1:

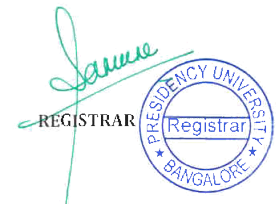
Ms. Maitraiye Konar
PUNIV1134

Name of Course  
Instructor 2:  
Employee ID of Course  
Instructor 2:

NA  
NA

Signature of Instructor-in-Charge

Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

<b>Name of the School</b>	: SOE	<b>Name of the Department:</b>	ECE
<b>Name of the Faculty Member</b>	: Ms. Vishakha Saini		
<b>Title of the Value Added Course</b>	: GATE training for competitive exam		
<b>Course Duration</b>	: 30 hours, August 20219 to December 2019		
<b>Course Code</b>	: ECE V 026		

## Introduction to the Course:

This course aims to teach everyone the most important questions of Signal and system , control systems , digital electronics and how to solve questions using short trick . It will help everyone to solve the questions in a seconds.

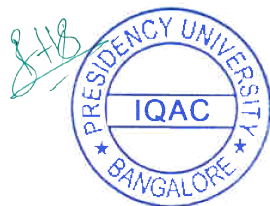
**Prerequisites: Digital Electronics , Signal and Systems , Control system**

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Student can Crack competition exams
2. Basics of subjects are clear
3. students are able to solve questions using short tricks , it helps them to quickly solve the questions in exam
4. Student can crack GATE exam and score good marks and pursue their carrer in research.

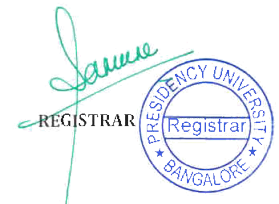
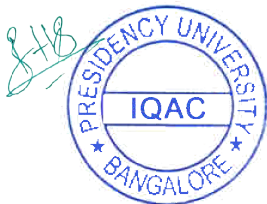
## Course Content:

the course is divided into three subjects- signal and system , digital electronics and control systems. This course will help students to score good marks in competitive exams as well as to crack exam.



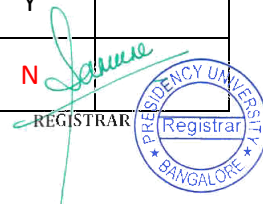
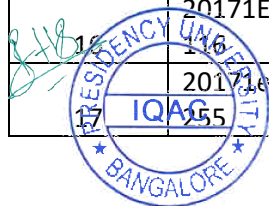
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code</b> :	ECE V 026	
<b>Course Name</b> :	GATE Training for Competitive Exam	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0309	PALASANI VISHNUVARDHAN REDDY
2	20181ECE0310	PALLEDA VIJAY KUMAR
3	20181ECE0004	ABHILASH N
4	20181ECE0062	MANU C
5	20181ECE0110	SHRUTHI S
6	20181ECE0146	B NAVEEN SURYA
7	20181ECE0301	NAVEEN GOWDA N K
8	20181ECE0316	POCHIMREDDY DINESH KUMAR REDDY
9	20181ECE0328	PUTTAGUMPALA RAGHU VARDHAN
10	20181ECE0361	TIMMAREDDYGARI NIKHIL REDDY
11	20181ECE0363	U VARAPRASAD
12	20181ECE0394	SUHAS GOWDA S
13	20181ECE0405	DIVYA PRAKASH
14	20171ece0308	Thrupthi. T. R
15	20171ECE0231	Prem Sagar V
16	20171ECE0116	Kandaswamy Deepak
17	20171ece0255	Sachin Ashtekar
18	20171ECE9009	S TUSHAL GOWDA
19	20171ECE0053	Chaithra E
20	20171ECE0336	VUDUGANDLA ARJUN
21	20171ECE0348	G Priyanka
22	20171ECE0096	H V Arun Kashyap
23	20171ECE0021	ALLEN P NINAN
24	20171ECE0351	Omar Farooq



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

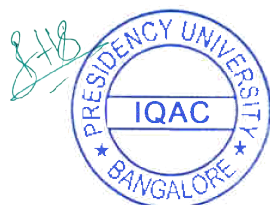
Course Code :	ECE V 026		Academic Year :			2019-2020	
Course Name :	GATE Training for Competitive Exam		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Ms. Vishakha Saini	
			Instructor-in-Charge Employee ID :			PUNIV1221	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0309	PALASANI VISHNUVARDHAN REDDY	SoC	100.00	14	Y	
2	20181ECE0310	PALLEDA VIJAY KUMAR	SoE	76.67	4	N	
3	20181ECE0004	ABHILASH N	SoE	100.00	17	Y	
4	20181ECE0062	MANU C	SoE	100.00	25	Y	
5	20181ECE0110	SHRUTHI S	SoE	96.67	4	N	
6	20181ECE0146	B NAVEEN SURYA	SoE	76.67	4	N	
7	20181ECE0301	NAVEEN GOWDA N K	SoE	90.00	8	N	
8	20181ECE0316	POCHIMREDDY DINESH KUMAR REDDY	SoE	100.00	9	N	
9	20181ECE0328	PUTTAGUMPALA RAGHU VARDHAN	SoE	100.00	2	N	
10	20181ECE0361	TIMMAREDDYGARI NIKHIL REDDY	SoE	100.00	11	Y	
11	20181ECE0363	U VARAPRASAD	SoE	70.00	12	Y	
12	20181ECE0394	SUHAS GOWDA S	SoE	76.67	19	Y	
13	20181ECE0405	DIVYA PRAKASH	SoE	70.00	17	Y	
14	20171ece0308	Thrupthi. T. R	SoE	70.00	12	Y	
15	20171ECE0231	Prem Sagar V	SoE	86.67	12	Y	
16	20171ECE0146	Kandaswamy Deepak	SoE	70.00	23	Y	
17	20171ece0255	Sachin Ashtekar	SoE	86.67	8	N	



18	20171ECE9009	S TUSHAL GOWDA	SoE	86.67	6	N	
19	20171ECE0053	Chaithra E	SoE	86.67	15	Y	
20	20171ECE0336	VUDUGANDLA ARJUN	SoE	100.00	2	N	
21	20171ECE0348	G Priyanka	SoE	100.00	6	Y	
22	20171ECE0096	H V Arun Kashyap	SoE	76.67	21	Y	
23	20171ECE0021	ALLEN P NINAN	SoE	70.00	8	N	
24	20171ECE0351	Omar Farooq	SoE	70.00	23	Y	
<b>Name of Course</b>		<b>Ms. Vishakha Saini</b>					
<b>Instructor 1:</b>							
<b>Employee ID of Course</b>							
<b>Instructor 1:</b>		<b>PUNIV01221</b>					
<b>Name of Course</b>							
<b>Instructor 2:</b>		NA					
<b>Employee ID of Course</b>							
<b>Instructor 2:</b>		NA					

Signature of Instructor-in-Charge

Signature of HOD



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

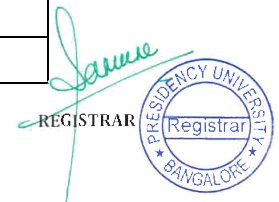
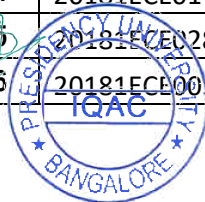
**VAC DETAILS**

Total number of hours:30

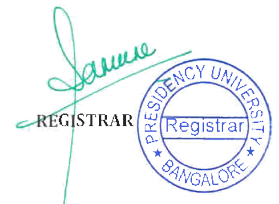
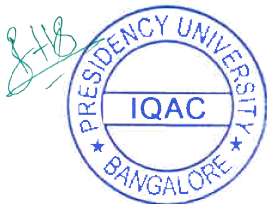
Value added Course(VAC) Name and Code: GATE Training for Competitive Exam and ECE V 026

Name of the Instructor: Ms. Vishakha Saini

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0003	ABHILASH KUMAR A
2	20181ECE0016	BHARAT KRISHNAN
3	20181ECE0018	BHUVAN RAJ S
4	20181ECE0128	YUVARAJ GOWDA B V
5	20181ECE0142	ANUJ KUMAR JHA
6	20181ECE0259	KURAPATI PAVAN KUMAR
7	20181ECE0281	MANDATI ASHOK
8	20181ECE0321	PRAGATHI S
9	20181ECE0329	RACHAMALA NANDA KISHORE REDDY
10	20181ECE0031	FAZAHATH HUSSAIN D
11	20181ECE0039	HARSHITH K
12	20181ECE0077	NITISH REDDY D
13	20181ECE0078	NOOR AIN SADAF
14	20181ECE0098	RUCHITH GURURAJ
15	20181ECE0161	BUSIREDDY RAJENDRA REDDY
16	20181ECE0182	DARSHI VENKATA SAMRUTH GUPTHA
17	20181ECE0193	ERASU PRADEEP REDDY
18	20181ECE0201	GANGALAPUDI LOKESHREDDY
19	20181ECE0349	SOMAVARAPU SRIHARI BABU
20	20181ECE0419	POCHIREDDY POCHI REDDY
21	20181ECE0036	H R SANJANA
22	20181ECE0072	NEHA SINGH
23	20181ECE0111	SKANDH MUTHANNA M S
24	20181ECE0174	CHINNALA UDAY KUMAR
25	20181ECE0283	MATATHAMBALPERIYANAMBI S MADHU SUDHAN
26	20181ECE0056	LOHITH GOWDA C V



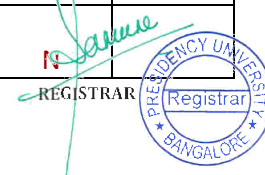
27	20181ECE0079	P RAGHAV REDDY
28	20181ECE0112	SPOORTHI S
29	20181ECE0357	THALLA MITHILESH
30	20181ECE9003	LUKKA PAVAN NAGA SAI
31	20181ECE0085	PRAJWAL G VAISHNAV
32	20181ECE0213	GUDDENNAGARI SUSHMITHA
33	20181ECE0358	THALLAM MYSURIAH SETTY
34	20171ECE0293	SOMALA HEMANTH KUMAR REDDY
35	20171ECE0155	MAHADEVA MANOJ SAI KRISHNA
36	20171ECE0020	Akhosh Jayan
37	20171ECE0323	VECHAM RATHNAIAH GARI SAI ABHISHEK
38	20171ECE0115	Reeta Rose Sapphire Kalavakuri
39	20171ECE0279	Shaik Shoaib Ahamed





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 026		Academic Year :		2019-2020		
Course Name :	GATE Training for Competitive Exam		Semester :		Even Semester		
			Instructor-in-Charge Name :		Ms. Vishakha Saini		
			Instructor-in-Charge Employee ID :		PUNIV01221		
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0003	ABHILASH KUMAR A	SoC	83.33	4.00	N	
2	20181ECE0016	BHARAT KRISHNAN	SoE	83.33	21.00	Y	
3	20181ECE0018	BHUVAN RAJ S	SoE	100.00	22.00	Y	
4	20181ECE0128	YUVARAJ GOWDA B V	SoE	100.00	18.00	Y	
5	20181ECE0142	ANUJ KUMAR JHA	SoE	96.67	17.00	Y	
6	20181ECE0259	KURAPATI PAVAN KUMAR	SoE	76.67	20.00	Y	
7	20181ECE0281	MANDATI ASHOK	SoE	90.00	20.00	Y	
8	20181ECE0321	PRAGATHI S	SoE	100.00	10.00	N	
9	20181ECE0329	RACHAMALA NANDA KISHORE REDDY	SoE	100.00	7.00	N	
10	20181ECE0031	FAZAHATH HUSSAIN D	SoE	100.00	24.00	Y	
11	20181ECE0039	HARSHITH K	SoE	70.00	24.00	Y	
12	20181ECE0077	NITISH REDDY D	SoE	76.67	4.00	N	
13	20181ECE0078	NOOR AIN SADAF	SoE	66.67	2.00	N	
14	20181ECE0098	RUCHITH GURURAJ	SoE	70.00	24.00	Y	
15	20181ECE0161	BUSIREDDY RAJENDRA REDDY	SoE	86.67	9.00	N	
16	20181ECE0182	DARSHI VENKATA SAMRUTH GUPTHA	SoE	70.00	16.00	Y	
17	20181ECE0193	ERASU PRADEEP REDDY	SoE	86.67	10.00	Y	



18	20181ECE 0201	GANGALAPUDI LOKESHREDDY	SoE	86. 67	7.00	N	
19	20181ECE 0349	SOMAVARAPU SRIHARI BABU	SoE	86. 67	15.00	Y	
20	20181ECE 0419	POCHIREDDY POCHI REDDY	SoE	86. 67	22.00	Y	
21	20181ECE 0036	H R SANJANA	SoE	76. 67	1.00	N	
22	20181ECE 0072	NEHA SINGH	SoE	100 .00	9.00	N	
23	20181ECE 0111	SKANDH MUTHANNA M S	SoE	100 .00	12.00	Y	
24	20181ECE 0174	CHINNALA UDAY KUMAR	SoE	76. 67	25.00	Y	
25	20181ECE 0283	MATATHAMBALPERIYANAMBI S MADHU SUDHAN	SoE	70. 00	7.00	N	
26	20181ECE 0056	LOHITH GOWDA C V	SoE	100 .00	3.00	N	
27	20181ECE 0079	P RAGHAV REDDY	SoE	76. 67	21.00	Y	
28	20181ECE 0112	SPOORTHI S	SoE	86. 67	7.00	N	
29	20181ECE 0357	THALLA MITHILESH	SoE	86. 67	18.00	Y	
30	20181ECE 9003	LUKKA PAVAN NAGA SAI	SoE	86. 67	20.00	Y	
31	20181ECE 0085	PRAJWAL G VAISHNAV	SoE	86. 67	13.00	Y	
32	20181ECE 0213	GUDDENNAGARI SUSHMITHA	SoE	100 .00	11.00	Y	
33	20181ECE 0358	THALLAM MYSURIAH SETTY	SoE	100 .00	7.00	N	
34	20171ECE 0293	SOMALA HEMANTH KUMAR REDDY	SoE	70. 00	10.00	N	
35	20171ECE 0155	MAHADEVA MANOJ SAI KRISHNA	SoE	70. 00	19.00	Y	
36	20171ECE 0020	Akhosh Jayan	SoE	80. 00	20.00	Y	
37	20171ECE 0323	VECHAM RATHNAIAH GARI SAI ABHISHEK	SoE	73. 33	11.00	Y	
38	20171ECE 0115	Reeta Rose Sapphire Kalavakuri	SoE	70. 00	11.00	Y	
39	20171ECE 0279	Shaik Shoaib Ahamed	SoE	100 .00	19.00	Y	

Name of Course

Instructor 1:

Employee ID of Course

Instructor 1:

Ms. Vishakha Saini

PUNIV01221



*Vishakha Saini*  
REGISTRAR  
PRESIDENCY UNIVERSITY  
BANGALORE

A handwritten signature in blue ink, followed by the printed name 'REGISTRAR' and a circular blue stamp with the text 'PRESIDENCY UNIVERSITY' around the top, 'BANGALORE' around the bottom, and 'Registrar' in the center.

Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

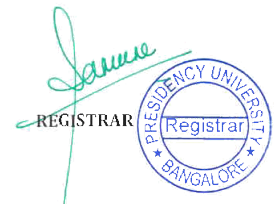
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Signature of Instructor-in-Charge



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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Srilakshmi K H  
**Title of the Value Added Course** : CAD tool for VLSI DESIGN  
**Course Duration** : 30 hours, August 2019 to December 2019  
**Course Code** : ECE V 027

## Introduction to the Course:

This course aims to teach some of the open source tools available in VLSI design

**Prerequisites:** digital electronics, Transistor

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Write test bench to simulate various digital circuits
2. Design and simulate basic CMOS circuits
3. Design and draw layout for digital circuits
4. To understand the design rules of the layout

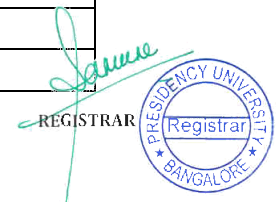
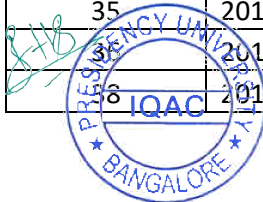
## Course Content:

This course is for anyone who is interested in designing of IC. This course also gives a brief introduction about end design and back end design

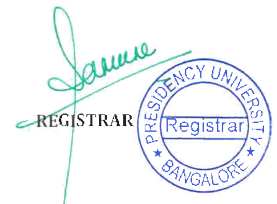
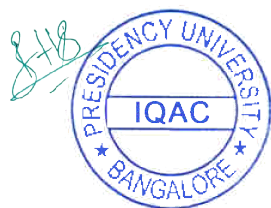


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 027</b>	
<b>Course Name :</b>	<b>CAD Tool for VLSI</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0003	ABHILASH KUMAR A
2	20181ECE0016	BHARAT KRISHNAN
3	20181ECE0018	BHUVAN RAJ S
4	20181ECE0128	YUVARAJ GOWDA B V
5	20181ECE0142	ANUJ KUMAR JHA
6	20181ECE0259	KURAPATI PAVAN KUMAR
7	20181ECE0281	MANDATI ASHOK
8	20181ECE0321	PRAGATHI S
9	20181ECE0329	RACHAMALA NANDA KISHORE REDDY
10	20181ECE0031	FAZAHATH HUSSAIN D
11	20181ECE0039	HARSHITH K
12	20181ECE0077	NITISH REDDY D
13	20181ECE0078	NOOR AIN SADAF
14	20181ECE0098	RUCHITH GURURAJ
15	20181ECE0161	BUSIREDDY RAJENDRA REDDY
16	20181ECE0182	DARSHI VENKATA SAMRUTH GUPTHA
17	20181ECE0193	ERASU PRADEEP REDDY
18	20181ECE0201	GANGALAPUDI LOKESHREDDY
19	20181ECE0349	SOMAVARAPU SRIHARI BABU
20	20181ECE0419	POCHIREDDY POCHI REDDY
23	20181ECE0036	H R SANJANA
24	20181ECE0072	NEHA SINGH
25	20181ECE0111	SKANDH MUTHANNA M S
26	20181ECE0174	CHINNALA UDAY KUMAR
27	20181ECE0283	MATATHAMBALPERIYANAMBI S MADHU SUDHAN
29	20181ECE0056	LOHITH GOWDA C V
30	20181ECE0079	P RAGHAV REDDY
31	20181ECE0112	SPOORTHI S
32	20181ECE0357	THALLA MITHILESH
33	20181ECE9003	LUKKA PAVAN NAGA SAI
34	20181ECE0085	PRAJWAL G VAISHNAV
35	20181ECE0213	GUDDENNAGARI SUSHMITHA
	20181ECE0358	THALLAM MYSURIAIAH SETTY
	20171ECE0293	SOMALA HEMANTH KUMAR REDDY

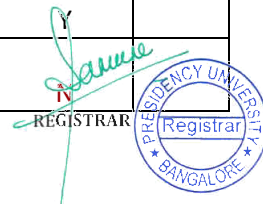
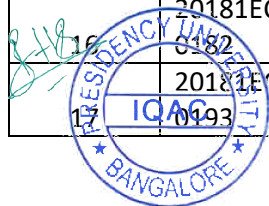


39	20171ECE0155	MAHADEVA MANOJ SAI KRISHNA
40	20171ECE0020	Akhosh Jayan
41	20171ECE0323	VECHAM RATHNAIAH GARI SAI ABHISHEK
42	20171ECE0115	Reeta Rose Sapphire Kalavakuri
43	20171ECE0279	Shaik Shoaib Ahamed



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 027		Academic Year :			2019-2020	
Course Name :	CAD Tool for VLSI		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Mrs. Srilakshmi K H	
			Instructor-in-Charge Employee ID :			PUNIV01275	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0003	ABHILASH KUMAR A	SoC	83.33	4.00	N	
2	20181ECE0016	BHARAT KRISHNAN	SoE	83.33	21.00	Y	
3	20181ECE0018	BHUVAN RAJ S	SoE	100.00	22.00	Y	
4	20181ECE0128	YUVARAJ GOWDA B V	SoE	100.00	18.00	Y	
5	20181ECE0142	ANUJ KUMAR JHA	SoE	96.67	17.00	Y	
6	20181ECE0259	KURAPATI PAVAN KUMAR	SoE	76.67	20.00	Y	
7	20181ECE0281	MANDATI ASHOK	SoE	90.00	20.00	Y	
8	20181ECE0321	PRAGATHI S	SoE	100.00	10.00	N	
9	20181ECE0329	RACHAMALA NANDA KISHORE REDDY	SoE	100.00	7.00	N	
10	20181ECE0031	FAZHATH HUSSAIN D	SoE	100.00	24.00	Y	
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13	20181ECE0078	NOOR AIN SADAF	SoE	66.67	2.00	N	
14	20181ECE0098	RUCHITH GURURAJ	SoE	70.00	24.00	Y	
15	20181ECE0161	BUSIREDDY RAJENDRA REDDY	SoE	86.67	9.00	N	
16	20181ECE0182	DARSHI VENKATA SAMRUTH GUPHA	SoE	70.00	16.00	Y	
17	20181ECE0493	ERASU PRADEEP REDDY	SoE	86.67	10.00	N	



18	20181ECE 0201	GANGALAPUDI LOKESHREDDY	SoE	86.67	7.00	N	
19	20181ECE 0349	SOMAVARAPU SRIHARI BABU	SoE	86.67	15.00	Y	
20	20181ECE 0419	POCHIREDDY POCHI REDDY	SoE	86.67	22.00	Y	
23	20181ECE 0036	H R SANJANA	SoE	76.67	1.00	N	
24	20181ECE 0072	NEHA SINGH	SoE	100.0 0	9.00	N	
25	20181ECE 0111	SKANDH MUTHANNA M S	SoE	100.0 0	12.00	Y	
26	20181ECE 0174	CHINNALA UDAY KUMAR	SoE	76.67	25.00	Y	
27	20181ECE 0283	MATATHAMBALPERIYANAMBI S MADHU SUDHAN	SoE	70.00	7.00	N	
29	20181ECE 0056	LOHITH GOWDA C V	SoE	100.0 0	3.00	N	
30	20181ECE 0079	P RAGHAV REDDY	SoE	76.67	21.00	Y	
31	20181ECE 0112	SPOORTHI S	SoE	86.67	7.00	N	
32	20181ECE 0357	THALLA MITHILESH	SoE	86.67	18.00	Y	
33	20181ECE 9003	LUKKA PAVAN NAGA SAI	SoE	86.67	20.00	Y	
34	20181ECE 0085	PRAJWAL G VAISHNAV	SoE	86.67	13.00	Y	
35	20181ECE 0213	GUDDENNAGARI SUSHMITHA	SoE	100.0 0	11.00	Y	
36	20181ECE 0358	THALLAM MYSURIAIAH SETTY	SoE	100.0 0	7.00	N	
38	20171ECE 0293	SOMALA HEMANTH KUMAR REDDY	SoE	70.00	10.00	N	
39	20171ECE 0155	MAHADEVA MANOJ SAI KRISHNA	SoE	70.00	19.00	Y	
40	20171ECE 0020	Akhosh Jayan	SoE	80.00	20.00	Y	
41	20171ECE 0323	VECHAM RATHNAIAH GARI SAI ABHISHEK	SoE	73.33	11.00	Y	
42	20171ECE 0115	Reeta Rose Sapphire Kalavakuri	SoE	70.00	11.00	Y	
43	20171ECE 0279	Shaik Shoaib Ahamed	SoE	100.0 0	19.00	Y	

Name of Course  
Instructor 1:

Mrs. Srilakshmi K H

Employee ID of Course  
Instructor 1:

PUNIV01275





Name of Course  
Instructor 2: NA  
Employee ID of Course  
Instructor 2: NA

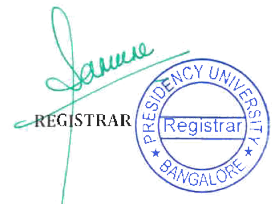
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Signature of Instructor-  
in-Charge

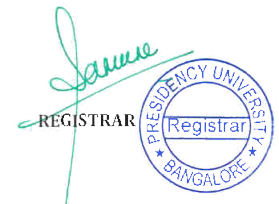
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Signature of HOD

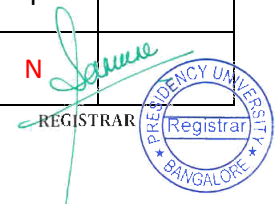
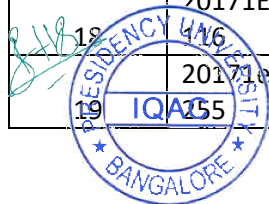


Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code:CAD Tool for VLSI and ECE V 027		
Name of the Instructor: Mrs. Srilakshmi K H		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0309	PALASANI VISHNUVARDHAN REDDY
2	20181ECE0310	PALLEDA VIJAY KUMAR
3	20181ECE0004	ABHILASH N
4	20181ECE0062	MANU C
5	20181ECE0110	SHRUTHI S
6	20181ECE0146	B NAVEEN SURYA
7	20181ECE0301	NAVEEN GOWDA N K
8	20181ECE0316	POCHIMREDDY DINESH KUMAR REDDY
9	20181ECE0328	PUTTAGUMPALA RAGHU VARDHAN
10	20181ECE0361	TIMMAREDDYGARI NIKHIL REDDY
11	20181ECE0363	U VARAPRASAD
12	20181ECE0394	SUHAS GOWDA S
13	20181ECE0405	DIVYA PRAKASH
14	20171ece0308	Thrupthi. T. R
15	20171ECE0231	Prem Sagar V
16	20171ECE0116	Kandaswamy Deepak
17	20171ece0255	Sachin Ashtekar
18	20171ECE9009	S TUSHAL GOWDA
19	20171ECE0053	Chaithra E
20	20171ECE0336	VUDUGANDLA ARJUN
21	20171ECE0348	G Priyanka
22	20171ECE0096	H V Arun Kashyap
23	20171ECE0021	ALLEN P NINAN
24	20171ECE0351	Omar Farooq



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 027		Academic Year :			2019-2020	
Course Name :	CAD Tool for VLSI		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mrs. Srilakshmi K H	
			Instructor-in-Charge Employee ID :			PUNIV01275	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0309	PALASANI VISHNUVARDHAN REDDY	SoC	100.00	14	Y	
2	20181ECE0310	PALLEDA VIJAY KUMAR	SoE	76.67	4	N	
3	20181ECE0004	ABHILASH N	SoE	100.00	17	Y	
4	20181ECE0062	MANU C	SoE	100.00	25	Y	
5	20181ECE0110	SHRUTHI S	SoE	96.67	4	N	
6	20181ECE0146	B NAVEEN SURYA	SoE	76.67	4	N	
7	20181ECE0301	NAVEEN GOWDA N K	SoE	90.00	8	N	
8	20181ECE0316	POCHIMREDDY DINESH KUMAR REDDY	SoE	100.00	9	N	
9	20181ECE0328	PUTTAGUMPALA RAGHU VARDHAN	SoE	100.00	2	N	
10	20181ECE0361	TIMMAREDDYGARI NIKHIL REDDY	SoE	100.00	11	Y	
11	20181ECE0363	U VARAPRASAD	SoE	70.00	12	Y	
12	20181ECE0394	SUHAS GOWDA S	SoE	76.67	19	Y	
13	20181ECE0405	DIVYA PRAKASH	SoE	70.00	17	Y	
16	20171ece0308	Thrupthi. T. R	SoE	70.00	12	Y	
17	20171ECE0231	Prem Sagar V	SoE	86.67	12	Y	
18	20171ECE0	Kandaswamy Deepak	SoE	70.00	23	Y	
19	20171ece0	Sachin Ashtekar	SoE	86.67	8	N	



20	20171ECE9 009	S TUSHAL GOWDA	SoE	86.6 7	6	N	
21	20171ECE0 053	Chaithra E	SoE	86.6 7	15	Y	
23	20171ECE0 336	VUDUGANDLA ARJUN	SoE	100. 00	2	N	
24	20171ECE0 348	G Priyanka	SoE	100. 00	6	Y	
25	20171ECE0 096	H V Arun Kashyap	SoE	76.6 7	21	Y	
26	20171ECE0 021	ALLEN P NINAN	SoE	70.0 0	8	N	
27	20171ECE0 351	Omar Farooq	SoE	70.0 0	23	Y	

**Name of Course**

**Instructor 1:**

**Mrs. Srilakshmi K H**

**Employee ID of Course**

**Instructor 1:**

**PUNIV01275**

**Name of Course**

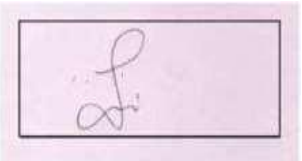
**Instructor 2:**

NA

**Employee ID of Course**

**Instructor 2:**

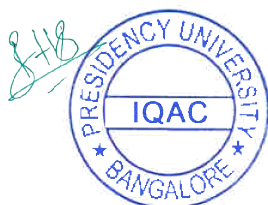
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**Signature of Instructor-in-  
Charge**



**Signature of HOD**





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Anupama Sindgi  
**Title of the Value Added Course** : Career Success  
**Course Duration** : 30 hours, August 20219 to December 2019  
**Course Code** : ECE V 028

## Introduction to the Course:

The course aims to get everyone the key methos to build a successfull career

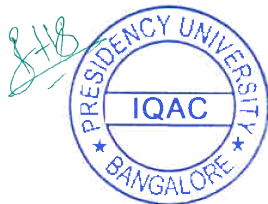
**Prerequisites:** NIL

## Course Outcomes: On successful completion of the course the students shall be able to:

1. learn about project management
2. Techniqies to work smarter than harder
3. discuss planning of WBS in work place
4. Understand the 21st century workplace

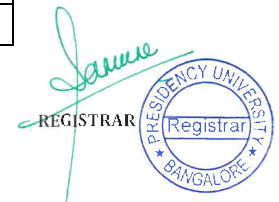
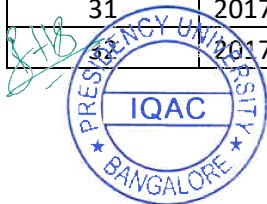
## Course Content:

This series of courses will help you build, develop and hone the essential skills needed to improve your employability and advancement in today's dynamic workforce. The courses in this Specialization may be taken in any order. Each course can also be taken independently. The Specialization concludes with a Capstone project that will give you the opportunity to integrate and apply the skills you have gained throughout the courses to your individual and organizational needs.



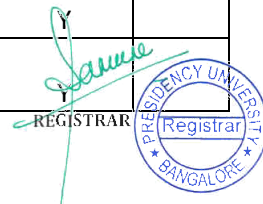
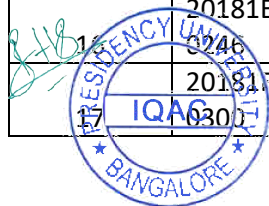
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code</b> :	<b>ECE V 028</b>	
<b>Course Name</b> :	<b>Career Success</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0002	ABHIGNAN S V
2	20181ECE0021	CHANDANA G S
3	20181ECE0150	BANDI THARUN KUMAR REDDY
4	20181ECE0156	BOMMIREDDY MAHIDHAR REDDY
5	20181ECE0157	BOPPEPALLI BHANUPRAKASH REDDY
6	20181ECE0160	BUKKASAMUDRAM HEMANTH REDDY
7	20181ECE0178	CHINTHALAPALLI CHARAN DEEP
8	20181ECE0227	K DURGA
9	20171ECE0114	K SUCHARITHA
10	20171ECE0112	Jyotsna Govind
11	20171CSE0243	Harshith K S
12	20171ECE0079	DHARMARAJ V
13	20171ECE0106	JAYASURYA S
14	201710101206	M C BHANU CHANDRA
15	20181ECE0229	K KALYANBHARGAV
16	20181ECE0246	KOMMINENI RAMA KRISHNA
17	20181ECE0300	NAVEED ULLA KHAN
18	20181ECE0312	PANYAM SHAIK FAYAZ
19	20181ECE0315	PILLIGUNDLA NAGARAJAPPA BHANU PRAKASH
20	20171ECE0332	Vishwas BM
21	20171ECE0027	ANURAJ R
22	20171ECE0292	Snehal kumbar
23	20171ECE0185	Nagella akhila sai
24	20171ECE0062	Chinnabathini Sravan Kumar
25	20171ECE0025	ANirudh Iyengar M
26	20171ECE0357	SONTIREDDYGARI CHANDRASEKHAR REDDY
27	20171ECE0170	Mohammed Khizar Sayyed
28	20171ECE0143	Lavanya G
29	20171ECE0087	Etikalapalli PavanKumar Reddy
30	20171ECE0210	PAVAN KUMAR M
31	20171ECE0103	Harshitha M
	20171ECE0089	G VARSHITHA PAWAR



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 028		Academic Year :			2019-2020	
Course Name :	Career Success		Semester :			Odd Semester	
			Instructor-in-Charge Name :			ANUPAMA SINDGI	
			Instructor-in-Charge Employee ID :			PUNIV01276	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0002	ABHIGNAN S V	SoC	70.00	10.00	N	
2	20181ECE0021	CHANDANA G S	SoE	70.00	13.00	Y	
3	20181ECE0150	BANDI THARUN KUMAR REDDY	SoE	86.67	19.00	Y	
4	20181ECE0156	BOMMIREDDY MAHIDHAR REDDY	SoE	70.00	23.00	Y	
5	20181ECE0157	BOPPEPALLI BHANUPRAKASH REDDY	SoE	86.67	3.00	N	
6	20181ECE0160	BUKKASAMUDRAM HEMANTH REDDY	SoE	86.67	5.00	N	
7	20181ECE0178	CHINTHALAPALLI CHARAN DEEP	SoE	70.00	25.00	Y	
8	20181ECE0227	K DURGA	SoE	100.00	5.00	N	
9	20171ECE0114	K SUCHARITHA	SoE	100.00	23.00	Y	
10	20171ECE0112	Jyotsna Govind	SoE	86.67	16.00	Y	
11	20171CSE0243	Harshith K S	SoE	86.67	25.00	Y	
12	20171ECE0079	DHARMARAJ V	SoE	86.67	5.00	N	
13	20171ECE0106	JAYASURYA S	SoE	100.00	22.00	Y	
14	201710101206	M C BHANU CHANDRA	SoE	100.00	5.00	N	
15	20181ECE0229	K KALYANBHARGAV	SoC	76.67	21.00	Y	
16	20181ECE0246	KOMMINENI RAMA KRISHNA	SoE	100.00	24.00	Y	
17	20181ECE0300	NAVEED ULLA KHAN	SoE	100.00	21.00	Y	



18	20181ECE 0312	PANYAM SHAIK FAYAZ	SoE	96.67	2.00	N	
19	20181ECE 0315	PILLIGUNDLA NAGARAJAPPA BHANU PRAKASH	SoE	100.00	4.00	N	
20	20171ECE 0332	Vishwas BM	SoE	76.67	14.00	Y	
21	20171ECE 0027	ANURAJ R	SoE	86.67	19.00	Y	
22	20171ECE 0292	Snehal kumbar	SoE	86.67	24.00	Y	
23	20171ECE 0185	Nagella akhila sai	SoE	86.67	16.00	Y	
24	20171ECE 0062	Chinnabathini Sravan Kumar	SoE	100.00	3.00	N	
25	20171ECE 0025	ANirudh Iyengar M	SoE	100.00	14.00	Y	
26	20171ECE 0357	SONTIREDDYGARI CHANDRASEKHAR REDDY	SoE	76.67	3.00	N	
27	20171ECE 0170	Mohammed Khizar Sayyed	SoE	90.00	7.00	N	
28	20171ECE 0143	Lavanya G	SoE	100.00	21.00	Y	
29	20171ECE 0087	Etikalapalli PavanKumar Reddy	SoE	100.00	13.00	Y	
30	20171ECE 0210	PAVAN KUMAR M	SoE	100.00	14.00	Y	
31	20171ECE 0103	Harshitha M	SoE	70.00	8.00	N	
32	20171ECE 0089	G VARSHITHA PAWAR	SoE	76.67	25.00	Y	
					21.00		

**Name of Course**

**Instructor 1:**

Anupama Sindgi

**Employee ID of Course**

**Instructor 1:**

PUNIV01276

*Anupama Sindgi*

**Name of Course**

**Instructor 2:**

NA

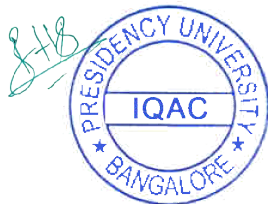
**Employee ID of Course**

**Instructor 2:**

NA

**Signature of Instructor-  
in-Charge**

*Anupama Sindgi*

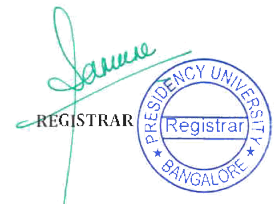


**Signature of HOD**

*[Signature]*

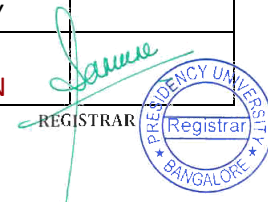


Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code: Career Success and ECE V 028		
Name of the Instructor: Mrs. Anupama Sindgi		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0367	VANKADARA SAI SHABARISH
2	20181ECE0373	VENNAPUSA CHARAN SUBHASH REDDY
3	20181ECE0386	YENDRA MANOJ KUMAR REDDY
4	20181ECE0408	BAVIGADDA LOKESH NAIDU
5	20181ECE0409	JYOTSNA
6	20181ECE0410	RAHUL R
7	20181ECE0413	SHAIK MOHAMMED SAMEEULLA
8	20181ECE0417	JILLELA CHARAN
9	20181ECE0422	M BHAVYASREE
10	20181ECE0423	SAKSHI PRAJAPATI
11	20181ECE0010	AKASH D R
12	20181ECE0120	SUSHMA C
13	20171ECE0127	Kethireddy Ajay Kumar Reddy
14	20171ECE0135	Kondreddy Sai Bhavana reddy
15	20171ECE0350	MANOJ PRAKASH S
16	20171ECE0197	Nimra Kaleem
17	20171ECE0077	Dhavala B
18	20181lec9002	Vasanth Kumar
19	20171ECE0267	Sanju.S



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 028		Academic Year :			2019-2020	
Course Name :	Career Success		Semester :			Even Semester	
			Instructor-in-Charge Name :			ANUPAMA SINDGI	
			Instructor-in-Charge Employee ID :			PUNIV01276	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0367	VANKADARA SAI SHABARISH	SoC	100.00	9.00	N	
2	20181ECE0373	VENNAPUSA CHARAN SUBHASH REDDY	SoE	76.67	14.00	Y	
3	20181ECE0386	YENDRA MANOJ KUMAR REDDY	SoE	90.00	10.00	N	
4	20181ECE0408	BAVIGADDA LOKESH NAIDU	SoE	100.00	14.00	Y	
5	20181ECE0409	JYOTSNA	SoE	100.00	21.00	Y	
6	20181ECE0410	RAHUL R	SoE	100.00	4.00	N	
7	20181ECE0413	SHAIK MOHAMMED SAMEEULLA	SoE	70.00	4.00	N	
8	20181ECE0417	JILLELA CHARAN	SoE	76.67	11.00	Y	
9	20181ECE0422	M BHAVYASREE	SoE	70.00	8.00	N	
10	20181ECE0423	SAKSHI PRAJAPATI	SoE	70.00	14.00	Y	
11	20181ECE0010	AKASH D R	SoE	86.67	21.00	Y	
12	20181ECE0120	SUSHMA C	SoE	76.67	16.00	Y	
13	20171ECE0127	Kethireddy Ajay Kumar Reddy	SoE	86.67	4.00	N	
14	20171ECE0135	Kondreddy Sai Bhavana reddy	SoE	86.67	21.00	Y	
15	20171ECE0350	MANOJ PRAKASH S	SoE	100.00	19.00	Y	
16	20171ECE0197	Nimra Kaleem	SoE	76.67	11.00	Y	
17	20171ECE0077	Dhavala B	SoE	100.00	2.00	N	



18	20181lec9 002	Vasanth Kumar	SoE	100. 00	24.00	Y	
19	20171ECE 0267	Sanju.S	SoE	96.6 7	11.00	Y	

**Name of Course**

**Instructor 1:** Anupama Sindgi

**Employee ID of Course**

**Instructor 1:** PUNIV01276

**Name of Course**

**Instructor 2:** NA

**Employee ID of Course**

**Instructor 2:** NA

*Anupama Sindgi*

**Signature of Instructor-in-Charge**

*Sanju*

**Signature of HOD**





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Amrutha V Nair  
**Title of the Value Added Course** : Arduino platform and programming  
**Course Duration** : 30 hours, August 2021 to December 2021  
**Course Code** : ECE V 030

## Introduction to the Course:

The Arduino is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them. In this class you will learn how the Arduino platform works in terms of the physical board and libraries and the IDE (integrated development environment). You will also learn about shields, which are smaller boards that plug into the main Arduino board to perform other functions such as sensing light, heat, GPS tracking, or providing a user interface display. The course will also cover programming the Arduino using C code and accessing the pins on the board via the software to control external devices.

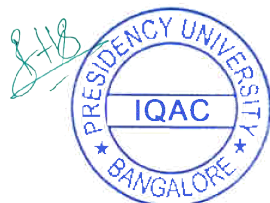
## Prerequisites: Basics of C programming

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Outline the composition of the Arduino development board
2. Specify the role of libraries in the use of shields
3. Describe common debugging architectures for embedded systems
4. The course will also cover programming the Arduino using C code and accessing the pins on the board via the software to control external devices.

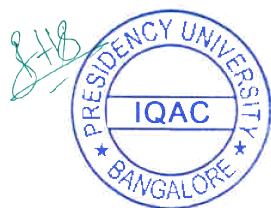
## Course Content:

The course will also cover programming the Arduino using C code and accessing the pins on the board via the software to control external devices.



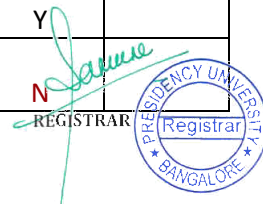
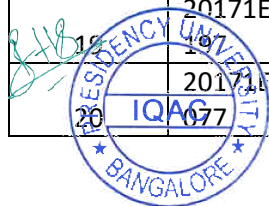
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code</b> :	<b>ECE V 029</b>	
<b>Course Name</b> :	<b>Semiconductor devices</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0367	VANKADARA SAI SHABARISH
2	20181ECE0373	VENNAPUSA CHARAN SUBHASH REDDY
3	20181ECE0386	YENDRA MANOJ KUMAR REDDY
4	20181ECE0408	BAVIGADDA LOKESH NAIDU
5	20181ECE0409	JYOTSNA
6	20181ECE0410	RAHUL R
7	20181ECE0413	SHAIK MOHAMMED SAMEEULLA
8	20181ECE0417	JILLELA CHARAN
9	20181ECE0422	M BHAVYASREE
10	20181ECE0423	SAKSHI PRAJAPATI
14	20181ECE0010	AKASH D R
15	20181ECE0120	SUSHMA C
16	20171ECE0127	Kethireddy Ajay Kumar Reddy
17	20171ECE0135	Kondreddy Sai Bhavana reddy
18	20171ECE0350	MANOJ PRAKASH S
19	20171ECE0197	Nimra Kaleem
20	20171ECE0077	Dhavala B
21	20181lec9002	Vasanth Kumar
22	20171ECE0267	Sanju.S



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 029		Academic Year :			2019-2020	
Course Name :	Semiconductor Devices		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Mr. Vikash Kumar	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0367	VANKADARA SAI SHABARISH	SoC	100.00	9.00	N	
2	20181ECE0373	VENNAPUSA CHARAN SUBHASH REDDY	SoE	76.67	14.00	Y	
3	20181ECE0386	YENDRA MANOJ KUMAR REDDY	SoE	90.00	10.00	N	
4	20181ECE0408	BAVIGADDA LOKESH NAIDU	SoE	100.00	14.00	Y	
5	20181ECE0409	JYOTSNA	SoE	100.00	21.00	Y	
6	20181ECE0410	RAHUL R	SoE	100.00	4.00	N	
7	20181ECE0413	SHAIK MOHAMMED SAMEEULLA	SoE	70.00	4.00	N	
8	20181ECE0417	JILLELA CHARAN	SoE	76.67	11.00	Y	
9	20181ECE0422	M BHAVYASREE	SoE	70.00	8.00	N	
10	20181ECE0423	SAKSHI PRAJAPATI	SoE	70.00	14.00	Y	
14	20181ECE0010	AKASH D R	SoE	86.67	21.00	Y	
15	20181ECE0120	SUSHMA C	SoE	76.67	16.00	Y	
16	20171ECE0127	Kethireddy Ajay Kumar Reddy	SoE	86.67	4.00	N	
17	20171ECE0135	Kondreddy Sai Bhavana reddy	SoE	86.67	21.00	Y	
18	20171ECE0350	MANOJ PRAKASH S	SoE	100.00	19.00	Y	
19	20171ECE0350	Nimra Kaleem	SoE	76.67	11.00	Y	
20	20171ECE0077	Dhavala B	SoE	100.00	2.00	N	



21	20181lec90 02	Vasanth Kumar	SoE	100. 00	24.00	Y	
22	20171ECE0 267	Sanju.S	SoE	96.6 7	11.00	Y	

**Name of Course**

**Instructor 1:**

**Mr. Vikash Kumar**

**Employee ID of Course**

**Instructor 1:**

**PUNIV000**

**Name of Course**

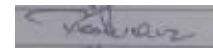
**Instructor 2:**

NA

**Employee ID of Course**

**Instructor 2:**

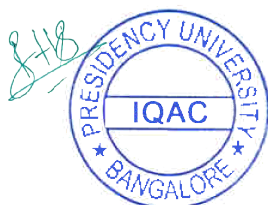
NA



**Signature of Instructor-in-Charge**



**Signature of HOD**



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

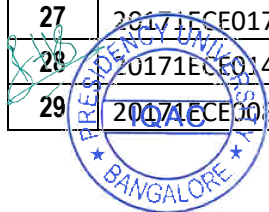
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code:Semiconductor Devices and ECE V 029

Name of the Instructor: Mr. Vikash Kumar

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0002	ABHIGNAN S V
2	20181ECE0021	CHANDANA G S
3	20181ECE0150	BANDI THARUN KUMAR REDDY
4	20181ECE0156	BOMMIREDDY MAHIDHAR REDDY
5	20181ECE0157	BOPPEPALLI BHANUPRAKASH REDDY
6	20181ECE0160	BUKKASAMUDRAM HEMANTH REDDY
7	20181ECE0178	CHINTHALAPALLI CHARAN DEEP
8	20181ECE0227	K DURGA
9	20171ECE0114	K SUCHARITHA
10	20171ECE0112	Jyotsna Govind
11	20171CSE0243	Harshith K S
12	20171ECE0079	DHARMARAJ V
13	20171ECE0106	JAYASURYA S
14	201710101206	M C BHANU CHANDRA
15	20181ECE0229	K KALYANBHARGAV
16	20181ECE0246	KOMMINENI RAMA KRISHNA
17	20181ECE0300	NAVEED ULLA KHAN
18	20181ECE0312	PANYAM SHAIK FAYAZ
19	20181ECE0315	PILLIGUNDLA NAGARAJAPPA BHANU PRAKASH
20	20171ECE0332	Vishwas BM
21	20171ECE0027	ANURAJ R
22	20171ECE0292	Snehal kumbar
23	20171ECE0185	Nagella akhila sai
24	20171ECE0062	Chinnabathini Sravan Kumar
25	20171ECE0025	ANirudh Iyengar M
26	20171ECE0357	SONTIREDDYGARI CHANDRASEKHAR REDDY
27	20171ECE0170	Mohammed Khizar Sayyed
28	20171ECE0143	Lavanya G
29	20171ECE0087	Etikalapalli PavanKumar Reddy



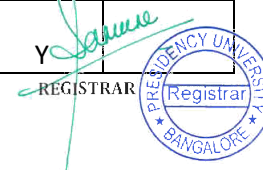
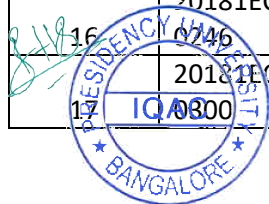


30	20171ECE0210	PAVAN KUMAR M
31	20171ECE0103	Harshitha M
32	20171ECE0089	G VARSHITHA PAWAR



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		ECE V 029		Academic Year :		2019-2020	
Course Name :		Semiconductor Devices and ECE V 029		Semester :		Even Semester	
				Instructor-in-Charge Name :		Mr. Vikash Kumar	
				Instructor-in-Charge Employee ID :		PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0002	ABHIGNAN S V	SoC	70.00	10.00	N	
2	20181ECE0021	CHANDANA G S	SoE	70.00	13.00	Y	
3	20181ECE0150	BANDI THARUN KUMAR REDDY	SoE	86.67	19.00	Y	
4	20181ECE0156	BOMMIREDDY MAHIDHAR REDDY	SoE	70.00	23.00	Y	
5	20181ECE0157	BOPPEPALLI BHANUPRAKASH REDDY	SoE	86.67	3.00	N	
6	20181ECE0160	BUKKASAMUDRAM HEMANTH REDDY	SoE	86.67	5.00	N	
7	20181ECE0178	CHINTHALAPALLI CHARAN DEEP	SoE	70.00	25.00	Y	
8	20181ECE0227	K DURGA	SoE	100.00	5.00	N	
9	20171ECE0114	K SUCHARITHA	SoE	100.00	23.00	Y	
10	20171ECE0112	Jyotsna Govind	SoE	86.67	16.00	Y	
11	20171CSE0243	Harshith K S	SoE	86.67	25.00	Y	
12	20171ECE0079	DHARMARAJ V	SoE	86.67	5.00	N	
13	20171ECE0106	JAYASURYA S	SoE	100.00	22.00	Y	
14	201710101206	M C BHANU CHANDRA	SoE	100.00	5.00	N	
15	20181ECE0229	K KALYANBHARGAV	SoC	76.67	21.00	Y	
16	20181ECE0749	KOMMINENI RAMA KRISHNA	SoE	100.00	24.00	Y	
17	20181ECE0800	NAVEED ULLA KHAN	SoE	100.00	21.00	Y	



18	20181ECE 0312	PANYAM SHAIK FAYAZ	SoE	96.6 7	2.00	N	
19	20181ECE 0315	PILLIGUNDLA NAGARAJAPPA BHANU PRAKASH	SoE	100. 00	4.00	N	
20	20171ECE 0332	Vishwas BM	SoE	76.6 7	14.00	Y	
21	20171ECE 0027	ANURAJ R	SoE	86.6 7	19.00	Y	
22	20171ECE 0292	Snehal kumbar	SoE	86.6 7	24.00	Y	
23	20171ECE 0185	Nagella akhila sai	SoE	86.6 7	16.00	Y	
24	20171ECE 0062	Chinnabathini Sravan Kumar	SoE	100. 00	3.00	N	
25	20171ECE 0025	ANirudh Iyengar M	SoE	100. 00	14.00	Y	
26	20171ECE 0357	SONTIREDDYGARI CHANDRASEKHAR REDDY	SoE	76.6 7	3.00	N	
27	20171ECE 0170	Mohammed Khizar Sayyed	SoE	90.0 0	7.00	N	
28	20171ECE 0143	Lavanya G	SoE	100. 00	21.00	Y	
29	20171ECE 0087	Etikalapalli PavanKumar Reddy	SoE	100. 00	13.00	Y	
30	20171ECE 0210	PAVAN KUMAR M	SoE	100. 00	14.00	Y	
31	20171ECE 0103	Harshitha M	SoE	70.0 0	8.00	N	
32	20171ECE 0089	G VARSHITHA PAWAR	SoE	76.6 7	25.00	Y	
					21.00		

Name of Course

Mr. Vikash Kumar

Instructor 1:

Employee ID of Course

Instructor 1:

PUNIV000

Name of Course

Instructor 2:

NA

Employee ID of Course

Instructor 2:

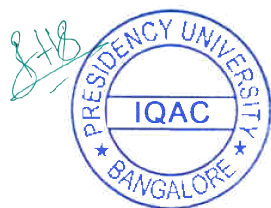
NA

Signature of Instructor-in-  
Charge

*(Handwritten Signature)*

Signature of HOD

*(Handwritten Signature)*  
REGISTRAR





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Mr.Arun P Shenoy  
**Title of the Value Added Course** : The Science of well Being  
**Course Duration** : 30 hours, August 20219 to December 2019  
**Course Code** : ECE V 034

## Introduction to the Course:

This course tends to engage in a series of challenges designed to increase your own happiness and build more productive habits.

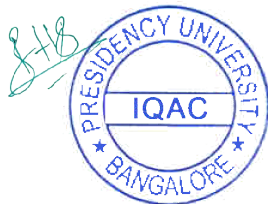
**Prerequisites:** NIL

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Focuses on building more productive habits
2. Describes about the misconceptions of happiness
3. Discusses about the annoying features of our mind
4. Focuses on the research that helps one for a better change

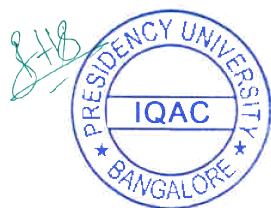
## Course Content:

Discuss how a successful wellness activity is inculcated



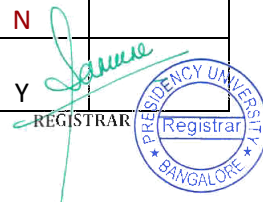
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 034</b>	
<b>Course Name :</b>	<b>Science of Well being</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0362	TUPAKULA SHABANA
2	20181ECE0364	UDDAGIRI CHANDRAHAS
3	20181ECE0414	PRAJNAA
4	20181EEE0071	YAMAVARAM MADHU SUDHAN
5	20181EEE0074	POOJA B S PATEL
6	20181ECE0017	BHUMIKA M
7	20181ECE0034	GOWRI KRISHNAVENI
8	20181ECE0138	AMARAVATHI LAVANYA
9	20181ECE0214	GUDIPATI RUCHITHA
10	20191LEE0002	SHIVACHANDAN D L
11	20181ECE0204	GANJI MUNITEJA
12	20181ECE0224	JEFF CLENTON DSOUZA
13	20181ECE0294	NAGASWARAM VINAY
14	20181ECE0424	B HARISH REDDY
15	20181EEE0042	PRAJWAL S
16	20181EEE0057	SHREE LAKSHMI G D
17	20181ECE0154	BODDU POOJITHA
18	20181ECE0253	KOTA SANDEEP
19	20181ECE0262	KURUVA SREEKANTH
20	20181EEE0035	MOHAMMED ZUHAIB
21	20181ECE0055	LITHISHA M
22	20181ECE0107	SHARATH M
23	20171ece0312	SURABHI KRISHNA V.K
24	20171ECE0125	Keerthana N
25	20171ECE0144	LAVANYA G C
26	20171ECE0374	Greeshma Jane S
27	20171ECE0002	A. Keerthana



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 034		Academic Year :			2019-2020	
Course Name :	Science of Well being		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Mr. Arun P Shenoy	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0362	TUPAKULA SHABANA	SoC	100.00	1	N	
2	20181ECE0364	UDDAGIRI CHANDRAHAS	SoE	76.67	23	Y	
3	20181ECE0414	PRAJNAA	SoE	100.00	7	N	
4	20181EEEE071	YAMAVARAM MADHU SUDHAN	SoE	100.00	15	Y	
5	20181EEEE074	POOJA B S PATEL	SoE	96.67	3	N	
6	20181ECE017	BHUMIKA M	SoE	76.67	12	Y	
7	20181ECE034	GOWRI KRISHNAVENI	SoE	90.00	22	Y	
8	20181ECE0138	AMARAVATHI LAVANYA	SoE	100.00	21	Y	
9	20181ECE0214	GUDIPATI RUCHITHA	SoE	100.00	14	Y	
10	20191LEEO002	SHIVACHANDAN D L	SoE	100.00	17	Y	
11	20181ECE0204	GANJI MUNITEJA	SoE	76.67	25	Y	
12	20181ECE0224	JEFF CLENTON DSOUZA	SoE	86.67	19	Y	
13	20181ECE0294	NAGASWARAM VINAY	SoE	86.67	19	Y	
14	20181ECE0424	B HARISH REDDY	SoE	86.67	6	N	
15	20181EEEE042	PRAJWAL S	SoE	100.00	20	Y	
16	20181EEEE057	SHREE LAKSHMI G D	SoE	100.00	1	N	
17	20181ECE0154	BODDU POOJITHA	SoE	70.00	23	Y	



18	20181ECE0 253	KOTA SANDEEP	SoE	70.0 0	1	N	
19	20181ECE0 262	KURUVA SREEKANTH	SoE	80.0 0	4	N	
20	20181EEEE0 035	MOHAMMED ZUHAIB	SoE	73.3 3	2	N	
21	20181ECE0 055	LITHISHA M	SoE	70.0 0	22	Y	
22	20181ECE0 107	SHARATH M	SoE	66.6 7	6	N	
23	20171ece0 312	SURABHI KRISHNA V.K	SoE	100. 00	15	Y	
24	20171ECE0 125	Keerthana N	SoE	70.0 0	13	Y	
25	20171ECE0 144	LAVANYA G C	SoE	86.6 7	7	N	
26	20171ECE0 374	Greeshma Jane S	SoE	70.0 0	20	Y	
27	20171ECE0 002	A. Keerthana	SoE	86.6 7	5	N	

Name of Course

Instructor 1:

Employee ID of Course

Instructor 1:

Mr. Arun P Shenoy

PUNIV000

Name of Course

Instructor 2:

Employee ID of Course

Instructor 2:

NA

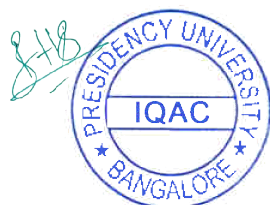
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Signature of Instructor-in-Charge



Signature of HOD



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

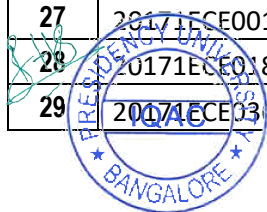
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code: Since of Well being and ECE V 034

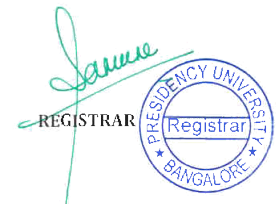
Name of the Instructor:Mr. Arun P Shenoy

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0132	AKSANI KAVYASRI
2	20181ECE0151	BASIREDDY VEERA RAVINDRA REDDY
3	20181ECE0237	KARANAM SAI PRUDHVI RAJ
4	20181ECE0307	P KAMALNATH
5	20181ECE0313	PAPPU CHANDU
6	20181ECE0347	SINCHANA D A
7	20181ECE0023	CHETHAN L
8	20181ECE0032	G ADITI NAIDU
9	20181ECE0076	NITHIN N
10	20181ECE0095	RAKSHITH J T
11	20181ECE0102	SAHANA SINGH S
12	20181ECE0165	CHALAPATI ANISH
13	20181ECE0170	CHEVULA RAMU
14	20181ECE0206	GAVINI BHARGAVI
15	20181ECE0223	HARSHIT S NAHAR
16	20181ECE0265	LETI CHANDU HARSHA
17	20171ECE0002	A. Keerthana
18	20171ECE0301	Suha Ahmed
19	20171ECE0167	MOGHAL MOIN AFZAL BAIG
20	20171ECE0206	Pappula Lakshma Reddy
21	20171ECE0110	Jino prakash
22	20171ECE0362	PINNIBOINA HARISH KUMAR
23	20171ECE0353	Yajnaa V
24	20171ECE9011	N KEERTHI NAYAKA
25	20171ECE0092	Giddalur Manohar Sai
26	20171ECE0343	YASHASWINI KS
27	20171ECE0018	Akash I Girevvagol
28	20171ECE0183	N pavan Kumar reddy
29	20171ECE0356	Vishwajith S



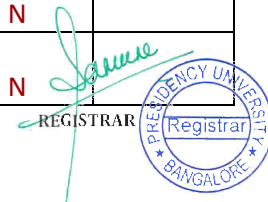
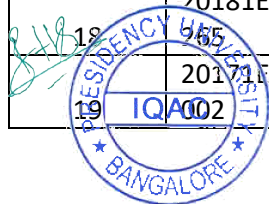


30	20171ECE0160	Gonuguntla venkata Bhargav
31	20171ECE0161	Manish B Singh
32	20171ECE0007	ADARRSH S
33	20171ECE0322	Varun N
34	20171ECE0093	Guggulla VamsiKrishna Reddy
35	20171ECE0337	Vundela Chandra Obula Reddy
36	20171ECE0205	Panyam Chakrapani Reddy
37	20171ECE0200	Noor Anjum E
38	20171ECE0285	SHUBHAM KUMARI R
39	20171ECE0177	MONIKA P
40	20171ECE0039	Bajantri Mukesh
41	20171ECE0223	Pooja. R
42	20181lec0008	Jyoti Prakash Rabha
43	20171ECE0041	Bharath M
44	20171ECE0124	Keerthana M

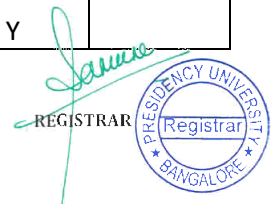
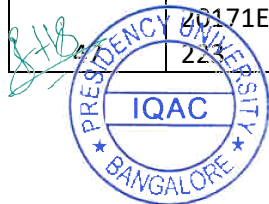


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 034		Academic Year :			2019-2020	
Course Name :	The Science of well Being		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mr. Arun P Shenoy	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0132	AKSANI KAVYASRI	SoC	76.67	20	Y	
2	20181ECE0151	BASIREDDY VEERA RAVINDRA REDDY	SoE	90.00	24	Y	
3	20181ECE0237	KARANAM SAI PRUDHVI RAJ	SoE	100.00	10	N	
4	20181ECE0307	P KAMALNATH	SoE	100.00	20	Y	
5	20181ECE0313	PAPPU CHANDU	SoE	100.00	23	Y	
6	20181ECE0347	SINCHANA D A	SoE	70.00	25	Y	
9	20181ECE0023	CHETHAN L	SoE	76.67	23	Y	
10	20181ECE0032	G ADITI NAIDU	SoE	70.00	2	N	
11	20181ECE0076	NITHIN N	SoE	70.00	24	Y	
12	20181ECE0095	RAKSHITH J T	SoE	86.67	25	Y	
13	20181ECE0102	SAHANA SINGH S	SoE	70.00	20	Y	
14	20181ECE0165	CHALAPATI ANISH	SoE	86.67	9	N	
15	20181ECE0170	CHEVULA RAMU	SoE	86.67	10	N	
16	20181ECE0206	GAVINI BHARGAVI	SoE	86.67	21	Y	
17	20181ECE0223	HARSHIT S NAHAR	SoE	86.67	18	Y	
18	20181ECE0	LETI CHANDU HARSHA	SoE	76.67	7	N	
19	20171ECE0	A. Keerthana	SoE	100.00	10	N	



20	20171ECE0301	Suha Ahmed	SoE	100.00	3	N	
21	20171ECE0167	MOGHAL MOIN AFZAL BAIG	SoE	76.67	19	Y	
22	20171ECE0206	Pappula Lakshma Reddy	SoC	70.00	1	N	
23	20171ECE0110	Jino prakash	SoE	100.00	22	Y	
24	20171ECE0362	PINNIBOINA HARISH KUMAR	SoE	100.00	7	N	
25	20171ECE0353	Yajnaa V	SoE	76.67	5	N	
28	20171ECE9011	N KEERTHI NAYAKA	SoE	100.00	7	N	
29	20171ECE0092	Giddalur Manohar Sai	SoE	100.00	2	N	
31	20171ECE0343	YASHASWINI KS	SoE	96.67	11	Y	
32	20171ECE0018	Akash I Girevragol	SoE	100.00	3	N	
33	20171ECE0183	N pavan Kumar reddy	SoE	76.67	13	Y	
35	20171ECE0366	Vishwajith S	SoE	100.00	24	Y	
36	20171ECE0160	Gonuguntla venkata Bhargav	SoE	100.00	25	Y	
37	20171ECE0161	Manish B Singh	SoE	76.67	8	N	
38	20171ECE0007	ADARRSH S	SoC	70.00	5	N	
39	20171ECE0322	Varun N	SoE	100.00	4	N	
40	20171ECE0093	Guggulla VamsiKrishna Reddy	SoE	100.00	19	Y	
41	20171ECE0337	Vundela Chandra Obula Reddy	SoE	76.67	11	Y	
42	20171ECE0205	Panyam Chakrapani Reddy	SoE	100.00	21	Y	
43	20171ECE0200	Noor Anjum E	SoE	100.00	21	Y	
44	20171ECE0285	SHUBHAM KUMARI R	SoE	96.67	25	Y	
45	20171ECE0177	MONIKA P	SoE	100.00	24	Y	
46	20171ECE0039	Bajantri Mukesh	SoE	76.67	24	Y	
	20171ECE0222	Pooja. R	SoE	100.00	13	Y	



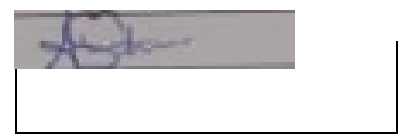
48	20181lec0008	Jyoti Prakash Rabha	SoE	100.00	16	Y	
49	20171ECE0041	Bharath M	SoE	76.67	3	N	
50	20171ECE0124	Keerthana M	SoE	70.00	25	Y	

**Name of Course Instructor 1:** Mr. Arun P Shenoy

**Employee ID of Course Instructor 1:** PUNIV000

**Name of Course Instructor 2:** NA

**Employee ID of Course Instructor 2:** NA



**Signature of Instructor-in-Charge**



**Signature of HOD**





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Vaishna K  
**Title of the Value Added Course** : The Addicted Brain  
**Course Duration** : 30 hours, August 2021 to December 2021  
**Course Code** : ECE V 035

## Introduction to the Course:

This topic helps to understand how the brain is affected by drugs which is very common among the youth today. This course will help to deal with the situation and also focuses on the different ways for overcoming the addiction.

**Prerequisites:** NIL

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Describes how the functioning of brain is affected by drugs
2. Describes various prevention programs
3. Describes the concept of vulnerability and the value of effectiveness in treatment
4. Discusses about the recent opioid epidemics

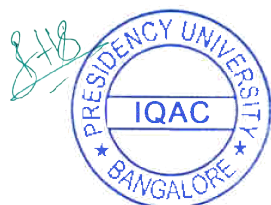
## Course Content:

Discusses about the government policies regarding this



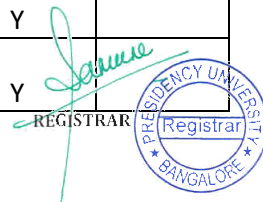
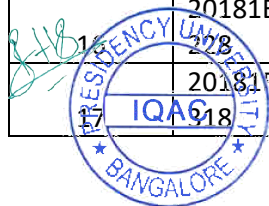
**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 035</b>	
<b>Course Name :</b>	<b>The Addicted Brain</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0195	G DINESH KUMAR
2	20181ECE0263	LAKKAKULA RAVIKUMAR
3	20181ECE0298	NALLANI SAI TEJA
4	20181ECE0339	SALAVALA RAHUL RAJU
5	20181ECE0385	YELLASOM SAMARSIMHAREDDY
6	20181ECE0399	NALLABALLI GNANESWAR
7	20181ECE0415	NAKKA MANI KUMAR
8	20181ECE0071	NANDITHA P
9	20181ECE0260	KURAPATI RANGANATH
10	20181ECE0289	MULLAGURU SAI DINESH
11	20181ECE0341	SAURAV KUMAR
12	20181ECE0040	HEMANTH KUMAR S
13	20181ECE0045	KARTHIK R
14	20181ECE0145	ATTAR ZAMEER
15	20181ECE0149	BANDARU YASHWANTH KUMAR
16	20181ECE0228	K GOWTHAM SAI
17	20181ECE0318	POKALA SANDEEP
18	20171ECE0150	M.jayaprakash
19	20171ECE0178	MONISHA B S
20	20171ECE0005	Abdul Majeed
21	20171ece0169	Mohammed Imaad
22	20171ECE0145	Lavanya M
23	20171ECE0334	Vishwas L N
24	20171ECE0271	Santhosh N



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 035		Academic Year :			2019-2020	
Course Name :	The Addicted Brain		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Ms. Vaishna K	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0195	G DINESH KUMAR	SoC	100.00	11	Y	
2	20181ECE0263	LAKKAKULA RAVIKUMAR	SoE	76.67	3	N	
3	20181ECE0298	NALLANI SAI TEJA	SoE	100.00	18	Y	
4	20181ECE0339	SALAVALA RAHUL RAJU	SoE	100.00	6	N	
5	20181ECE0385	YELLASOM SAMARSIMHAREDDY	SoE	96.67	12	Y	
6	20181ECE0399	NALLABALLI GNANESWAR	SoE	76.67	11	Y	
7	20181ECE0415	NAKKA MANI KUMAR	SoE	90.00	10	N	
8	20181ECE0071	NANDITHA P	SoE	100.00	6	N	
9	20181ECE0260	KURAPATI RANGANATH	SoE	100.00	16	Y	
10	20181ECE0289	MULLAGURU SAI DINESH	SoE	100.00	6	N	
11	20181ECE0341	SAURAV KUMAR	SoE	70.00	11	Y	
12	20181ECE0040	HEMANTH KUMAR S	SoE	76.67	21	Y	
13	20181ECE0045	KARTHIK R	SoE	70.00	7	N	
14	20181ECE0145	ATTAR ZAMEER	SoE	70.00	16	Y	
15	20181ECE0149	BANDARU YASHWANTH KUMAR	SoE	86.67	14	Y	
16	20181ECE0208	K GOWTHAM SAI	SoE	70.00	25	Y	
17	20181ECE0118	POKALA SANDEEP	SoE	86.67	17	Y	



18	20171ECE0 150	M.jayaprakash	SoE	86.67	9	N	
19	20171ECE0 178	MONISHA B S	SoE	86.67	21	Y	
20	20171ECE0 005	Abdul Majeed	SoE	86.67	17	Y	
21	20171ece0 169	Mohammed Imaad	SoE	76.67	12	Y	
22	20171ECE0 145	Lavanya M	SoE	100.0 0	20	Y	
23	20171ECE0 334	Vishwas L N	SoE	100.0 0	2	N	
24	20171ECE0 271	Santhosh N	SoE	76.67	13	Y	

Name of Course

Instructor 1:

Ms. Vaishna K

Employee ID of Course

Instructor 1:

PUNIV000

Name of Course

Instructor 2:

NA

Employee ID of Course

Instructor 2:

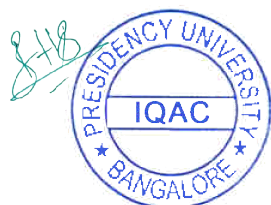
NA



Signature of Instructor-in-  
Charge



Signature of HOD





**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

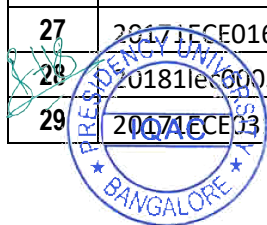
**VAC DETAILS**

Total number of hours:30

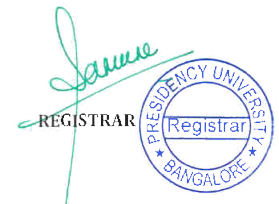
Value added Course(VAC) Name and Code:The Addicted Brain ECE V 035

Name of the Instructor: Ms. Vaishna K

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0382	YASHASWINI N D
2	20181ECE0030	FATHIMA ZAIBA
3	20181ECE0053	LIKHIN BOPANNA K D
4	20181ECE0101	SAHANA M NAIDU
5	20181ECE0295	NAGASWARAM VINODH
6	20181ECE0117	SUHAS S R
7	20181ECE0124	VAISHNAVI R
8	20171ECE0364	Koppisetty Sai Swaroop
9	20171ECE0034	Athira R
10	20171ECE0339	Waseem Pasha Z
11	20171ECE0140	L OMPRAKASH
12	20171ECE0302	SUJANI S H
13	20171ECE0327	VENNAPUSA NAGIREDDY
14	20171ECE0203	Palem Sai Harshitha
15	20171ECE0363	PUPPALA NARESH
16	20171ECE0341	Yama Shashidhar
17	20171ECE0182	Mussarath Azahari B A
18	20171ECE0102	Harshith naik n
19	20171ECE0371	MOHAMED ANEES AHMED
20	20171ECE0164	Mary Jennifer Yaswant
21	20171ece0268	Sanju T
22	20171ECE0101	Harsha N
23	20171ECE0254	SABA AMREEN
24	20171ECE0373	Pooja M B
25	20171ECE0099	Hariharan.H
26	20171ECE0360	SEEMA
27	20171ECE0166	Medepalli Pavithra
28	20181ece0003	sana zoha
29	20171ECE0310	Uma Parvathy K

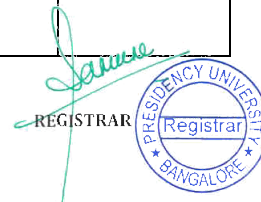
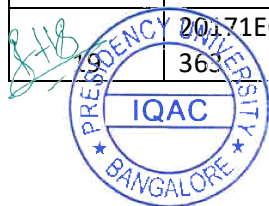


30	20171ECE0121	Karthik K
31	20171ECE0179	MORREDDIGARI VAISHNAV REDDY
32	20171ECE0129	Kiranmayee S V
33	20171ECE0190	Nandimandalam Varun
34	20171ECE0342	Yashas R
35	20171ECE0222	POKALA MAHESWAR REDDY
36	20171ECE0122	Karthik Raju S
37	20171ECE0181	Mulagalapati Manobhram
38	20171ECE0137	Koppam Sai Tarun
39	20171ECE0011	Afnan Khan
40	20171ECE0113	K.Keerthana
41	20171ECE0061	CHINDANUR HARISH BABU

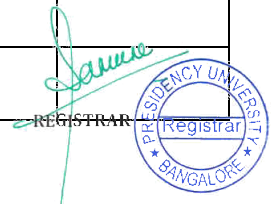
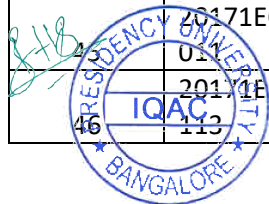


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering / Management / Law / Commerce / Information Science /**  
**Design**

Course Code :	ECE V 035		Academic Year :			2019-2020	
Course Name :	The Addicted Brain		Semester :			Even Semester	
			Instructor-in-Charge Name :			Ms. Vaishna K	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0382	YASHASWINI N D	SoC	100.00	12	Y	
3	20181ECE030	FATHIMA ZAIBA	SoE	76.67	11	Y	
4	20181ECE053	LIKHIN BOPANNA K D	SoE	100.00	11	Y	
5	20181ECE0101	SAHANA M NAIDU	SoE	100.00	11	Y	
6	20181ECE0295	NAGASWARAM VINODH	SoE	96.67	6	N	
9	20181ECE0117	SUHAS S R	SoE	76.67	24	Y	
10	20181ECE0124	VAISHNAVI R	SoE	90.00	5	N	
11	20171ECE0364	Koppisetty Sai Swaroop	SoE	100.00	10	N	
12	20171ECE0034	Athira R	SoE	100.00	7	N	
14	20171ECE0339	Waseem Pasha Z	SoE	100.00	2	N	
15	20171ECE0140	L OMPRAKASH	SoE	70.00	17	Y	
16	20171ECE0302	SUJANI S H	SoE	76.67	3	N	
17	20171ECE0327	VENNAPUSA NAGIREDDY	SoE	70.00	13	Y	
18	20171ECE0203	Palem Sai Harshitha	SoE	70.00	22	Y	
	20171ECE0363	PUPPALA NARESH	SoE	86.67	5	N	



20	20171ECE0341	Yama Shashidhar	SoE	70.00	13	Y	
21	20171ECE0182	Mussarath Azahari B A	SoC	86.67	14	Y	
22	20171ECE0102	Harshith naik n	SoE	86.67	13	Y	
23	20171ECE0371	MOHAMED ANEES AHMED	SoE	86.67	23	Y	
24	20171ECE0164	Mary Jennifer Yaswant	SoE	86.67	11	Y	
25	20171ece0268	Sanju T	SoE	76.67	18	Y	
26	20171ECE0101	Harsha N	SoE	100.00	16	Y	
27	20171ECE0254	SABA AMREEN	SoE	100.00	18	Y	
28	20171ECE0373	Pooja M B	SoE	76.67	11	Y	
29	20171ECE0099	Hariharan.H	SoE	70.00	19	Y	
30	20171ECE0360	SEEMA	SoE	100.00	21	Y	
31	20171ECE0166	Medepalli Pavithra	SoE	76.67	5	N	
33	20181lec0003	sana zoha	SoE	86.67	4	N	
34	20171ECE0310	Uma Parvathy K	SoE	86.67	8	N	
35	20171ECE0121	Karthik K	SoE	86.67	18	Y	
36	20171ECE0179	MORREDDIGARI VAISHNAV REDDY	SoE	100.00	22	Y	
37	20171ECE0129	Kiranmayee S V	SoE	100.00	4	N	
38	20171ECE0190	Nandimandalam Varun	SoE	70.00	6	N	
39	20171ECE0342	Yashas R	SoE	70.00	18	Y	
40	20171ECE0222	POKALA MAHESWAR REDDY	SoE	80.00	24	Y	
42	20171ECE0122	Karthik Raju S	SoE	73.33	22	Y	
43	20171ECE0181	Mulagalapati Manobhiram	SoE	70.00	10	N	
44	20171ECE0137	Kopparam Sai Tarun	SoE	66.67	12	Y	
	20171ECE0051	Afnan Khan	SoE	100.00	1	N	
	20171ECE0113	K.Keerthana	SoE	86.67	14	Y	



47	20171ECE0 061	CHINDANUR HARISH BABU	SoE	100. 00	7	N
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Name of Course

Instructor 1: Ms. Vaishna K

Employee ID of Course

Instructor 1: PUNIV000

Name of Course

Instructor 2: NA

Employee ID of Course

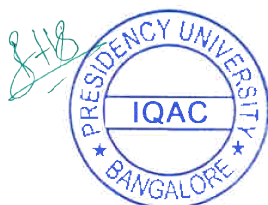
Instructor 2: NA

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Signature of Instructor-in-Charge

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Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Tanjir Alam  
**Title of the Value Added Course** : Excel formulas and functions  
**Course Duration** : 30 hours, August 2019 to December 2019  
**Course Code** : ECE V 036

## Introduction to the Course:

This Course introduces the basic of MS excel. Excel is a powerful tool which can help solve day to day problems. Using this tool it is easy to analyse and generate report. Master Excel formulas with hands-on demos. A must to learn course for all.

**Prerequisites:** NIL

**Course Outcomes: On successful completion of the course the students shall be able to:**

1. Write powerful and dynamic Excel formulas from scratch
2. Build Excel formulas to analyze date
3. Build Excel formulas to analyze text field
4. learn to work with arrays

## Course Content:

Conditional statement, logical operators, lookup and reference functions, text functions, date and time, formula based arrays, array formulas



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

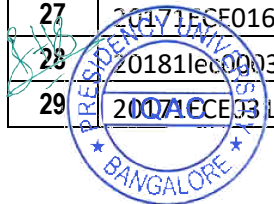
**VAC DETAILS**

Total number of hours:30

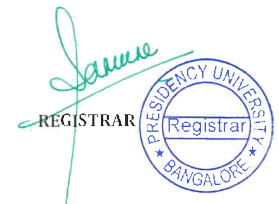
Value added Course(VAC) Name and Code:Excel formulas and functions and ECE V 036

Name of the Instructor: Mr. Tanjir Alam

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0382	YASHASWINI N D
2	20181ECE0030	FATHIMA ZAIBA
3	20181ECE0053	LIKHIN BOPANNA K D
4	20181ECE0101	SAHANA M NAIDU
5	20181ECE0295	NAGASWARAM VINODH
6	20181ECE0117	SUHAS S R
7	20181ECE0124	VAISHNAVI R
8	20171ECE0364	Koppisetty Sai Swaroop
9	20171ECE0034	Athira R
10	20171ECE0339	Waseem Pasha Z
11	20171ECE0140	L OMPRAKASH
12	20171ECE0302	SUJANI S H
13	20171ECE0327	VENNAPUSA NAGIREDDY
14	20171ECE0203	Palem Sai Harshitha
15	20171ECE0363	PUPPALA NARESH
16	20171ECE0341	Yama Shashidhar
17	20171ECE0182	Mussarath Azahari B A
18	20171ECE0102	Harshith naik n
19	20171ECE0371	MOHAMED ANEES AHMED
20	20171ECE0164	Mary Jennifer Yaswant
21	20171ece0268	Sanju T
22	20171ECE0101	Harsha N
23	20171ECE0254	SABA AMREEN
24	20171ECE0373	Pooja M B
25	20171ECE0099	Hariharan.H
26	20171ECE0360	SEEMA
27	20171ECE0166	Medepalli Pavithra
28	20181ECE0003	sana zoha
29	20171ECE0310	Uma Parvathy K



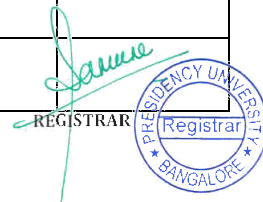
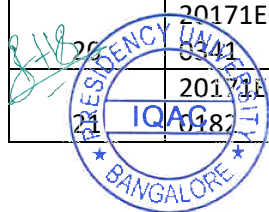
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31	20171ECE0179	MORREDDIGARI VAISHNAV REDDY
32	20171ECE0129	Kiranmayee S V
33	20171ECE0190	Nandimandalam Varun
34	20171ECE0342	Yashas R
35	20171ECE0222	POKALA MAHESWAR REDDY
36	20171ECE0122	Karthik Raju S
37	20171ECE0181	Mulagalapati Manobhram
38	20171ECE0137	Koppam Sai Tarun
39	20171ECE0011	Afnan Khan
40	20171ECE0113	K.Keerthana
41	20171ECE0061	CHINDANUR HARISH BABU






**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

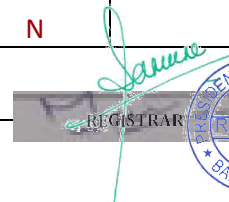

Course Code :		ECE V 036		Academic Year :		2019-2020	
Course Name :		Excel Formula and Functions		Semester :		Odd Semester	
				Instructor-in-Charge Name :		Mr. Tanjir Alam	
				Instructor-in-Charge Employee ID :		PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0382	YASHASWINI N D	SoC	100.00	12	Y	
3	20181ECE0030	FATHIMA ZAIBA	SoE	76.67	11	Y	
4	20181ECE0053	LIKHIN BOPANNA K D	SoE	100.00	11	Y	
5	20181ECE0101	SAHANA M NAIDU	SoE	100.00	11	Y	
6	20181ECE0295	NAGASWARAM VINODH	SoE	96.67	6	N	
9	20181ECE0117	SUHAS S R	SoE	76.67	24	Y	
10	20181ECE0124	VAISHNAVI R	SoE	90.00	5	N	
11	20171ECE0364	Koppisetty Sai Swaroop	SoE	100.00	10	N	
12	20171ECE0034	Athira R	SoE	100.00	7	N	
14	20171ECE0339	Waseem Pasha Z	SoE	100.00	2	N	
15	20171ECE0140	L OMPRAKASH	SoE	70.00	17	Y	
16	20171ECE0302	SUJANI S H	SoE	76.67	3	N	
17	20171ECE0327	VENNAPUSA NAGIREDDY	SoE	70.00	13	Y	
18	20171ECE0203	Palem Sai Harshitha	SoE	70.00	22	Y	
19	20171ECE0363	PUPPALA NARESH	SoE	86.67	5	N	
20	20171ECE0341	Yama Shashidhar	SoE	70.00	13	Y	
21	20171ECE0387	Mussarath Azahari B A	SoC	86.67	14	Y	



22	20171ECE 0102	Harshith naik n	SoE	86.6 7	13	Y	
23	20171ECE 0371	MOHAMED ANEES AHMED	SoE	86.6 7	23	Y	
24	20171ECE 0164	Mary Jennifer Yaswant	SoE	86.6 7	11	Y	
25	20171ece0 268	Sanju T	SoE	76.6 7	18	Y	
26	20171ECE 0101	Harsha N	SoE	100. 00	16	Y	
27	20171ECE 0254	SABA AMREEN	SoE	100. 00	18	Y	
28	20171ECE 0373	Pooja M B	SoE	76.6 7	11	Y	
29	20171ECE 0099	Hariharan.H	SoE	70.0 0	19	Y	
30	20171ECE 0360	SEEMA	SoE	100. 00	21	Y	
31	20171ECE 0166	Medepalli Pavithra	SoE	76.6 7	5	N	
33	20181lec0 003	sana zoha	SoE	86.6 7	4	N	
34	20171ECE 0310	Uma Parvathy K	SoE	86.6 7	8	N	
35	20171ECE 0121	Karthik K	SoE	86.6 7	18	Y	
36	20171ECE 0179	MORREDDIGARI VAISHNAV REDDY	SoE	100. 00	22	Y	
37	20171ECE 0129	Kiranmayee S V	SoE	100. 00	4	N	
38	20171ECE 0190	Nandimandalam Varun	SoE	70.0 0	6	N	
39	20171ECE 0342	Yashas R	SoE	70.0 0	18	Y	
40	20171ECE 0222	POKALA MAHESWAR REDDY	SoE	80.0 0	24	Y	
42	20171ECE 0122	Karthik Raju S	SoE	73.3 3	22	Y	
43	20171ECE 0181	Mulagalapati Manobhram	SoE	70.0 0	10	N	
44	20171ECE 0137	Kopparam Sai Tarun	SoE	66.6 7	12	Y	
45	20171ECE 0011	Afnan Khan	SoE	100. 00	1	N	
46	20171ECE 0113	K.Keerthana	SoE	86.6 7	14	Y	
	20171ECE 0061	CHINDANUR HARISH BABU	SoE	100. 00	7	N	

  
 Name of Course  
 Instructor 1:

Mr. Tanjir Alam

  
 REGISTRAR  


Employee ID of Course  
Instructor 1:

PUNIV000

Name of Course

Instructor 2:

NA

Employee ID of Course

Instructor 2:

NA

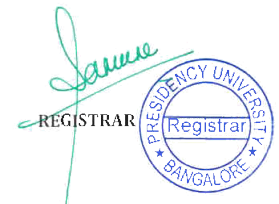
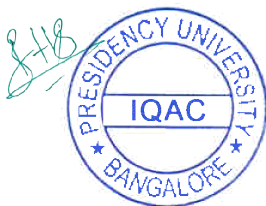
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Signature of Instructor-in-Charge

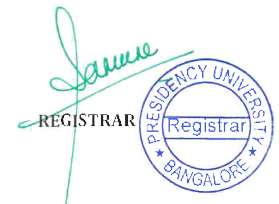


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Signature of HOD

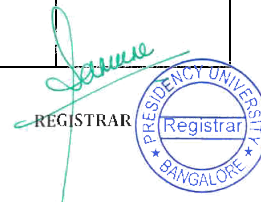
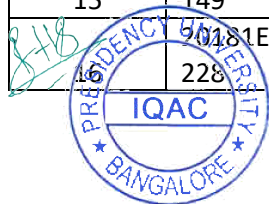


Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code: Excel Formula and Functions and ECE V 036		
Name of the Instructor: Mr. Tanjir Alam		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0195	G DINESH KUMAR
2	20181ECE0263	LAKKAKULA RAVIKUMAR
3	20181ECE0298	NALLANI SAI TEJA
4	20181ECE0339	SALAVALA RAHUL RAJU
5	20181ECE0385	YELLASOM SAMARSIMHAREDDY
6	20181ECE0399	NALLABALLI GNANESWAR
7	20181ECE0415	NAKKA MANI KUMAR
8	20181ECE0071	NANDITHA P
9	20181ECE0260	KURAPATI RANGANATH
10	20181ECE0289	MULLAGURU SAI DINESH
11	20181ECE0341	SAURAV KUMAR
12	20181ECE0040	HEMANTH KUMAR S
13	20181ECE0045	KARTHIK R
14	20181ECE0145	ATTAR ZAMEER
15	20181ECE0149	BANDARU YASHWANTH KUMAR
16	20181ECE0228	K GOWTHAM SAI
17	20181ECE0318	POKALA SANDEEP
18	20171ECE0150	M.jayaprakash
19	20171ECE0178	MONISHA B S
20	20171ECE0005	Abdul Majeed
21	20171ece0169	Mohammed Imaad
22	20171ECE0145	Lavanya M
23	20171ECE0334	Vishwas L N
24	20171ECE0271	Santhosh N



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 036		Academic Year :			2019-2020	
Course Name :	Excel Formula and Functions		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mr. Tanjir Alam	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0195	G DINESH KUMAR	SoC	100.00	11	Y	
2	20181ECE0263	LAKKAKULA RAVIKUMAR	SoE	76.67	3	N	
3	20181ECE0298	NALLANI SAI TEJA	SoE	100.00	18	Y	
4	20181ECE0339	SALAVALA RAHUL RAJU	SoE	100.00	6	N	
5	20181ECE0385	YELLASOM SAMARSIMHAREDDY	SoE	96.67	12	Y	
6	20181ECE0399	NALLABALLI GNANESWAR	SoE	76.67	11	Y	
7	20181ECE0415	NAKKA MANI KUMAR	SoE	90.00	10	N	
8	20181ECE0071	NANDITHA P	SoE	100.00	6	N	
9	20181ECE0260	KURAPATI RANGANATH	SoE	100.00	16	Y	
10	20181ECE0289	MULLAGURU SAI DINESH	SoE	100.00	6	N	
11	20181ECE0341	SAURAV KUMAR	SoE	70.00	11	Y	
12	20181ECE0040	HEMANTH KUMAR S	SoE	76.67	21	Y	
13	20181ECE0045	KARTHIK R	SoE	70.00	7	N	
14	20181ECE0145	ATTAR ZAMEER	SoE	70.00	16	Y	
15	20181ECE0149	BANDARU YASHWANTH KUMAR	SoE	86.67	14	Y	
	20181ECE0228	K GOWTHAM SAI	SoE	70.00	25	Y	



17	20181ECE0 318	POKALA SANDEEP	SoE	86.6 7	17	Y	
18	20171ECE0 150	M.jayaprakash	SoE	86.6 7	9	N	
19	20171ECE0 178	MONISHA B S	SoE	86.6 7	21	Y	
20	20171ECE0 005	Abdul Majeed	SoE	86.6 7	17	Y	
21	20171ece0 169	Mohammed Imaad	SoE	76.6 7	12	Y	
22	20171ECE0 145	Lavanya M	SoE	100. 00	20	Y	
23	20171ECE0 334	Vishwas L N	SoE	100. 00	2	N	
24	20171ECE0 271	Santhosh N	SoE	76.6 7	13	Y	

**Name of Course**

**Instructor 1:**

**Mr. Tanjir Alam**

**Employee ID of Course**

**Instructor 1:**

**PUNIV000**

**Name of Course**

**Instructor 2:**

NA

**Employee ID of Course**

**Instructor 2:**

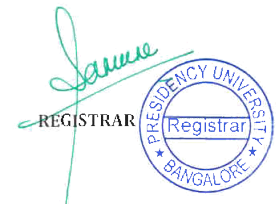
NA



**Signature of Instructor-in-Charge**



**Signature of HOD**





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Mr. Britto Pari  
**Title of the Value Added Course** : Satellite Communication  
**Course Duration** : 30 hours, August 20219 to December 2019  
**Course Code** : ECE V 037

## Introduction to the Course:

This course introduces students to the component of satellite, how do they fly? How do they communicate and how does the network operate

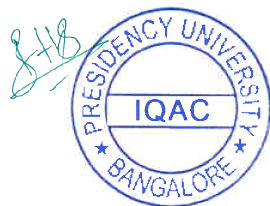
**Prerequisites:** NIL

## Course Outcomes: On successful completion of the course the students shall be able to:

1. Able to understand the communication satellite design
2. Understand how analog and digital technologies are used for satellite communication
3. Learn the design of satellite links
4. Study the design of earth station and tracking of satellite

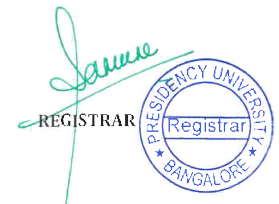
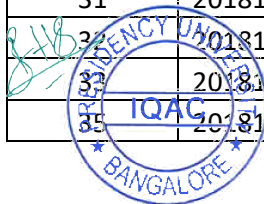
## Course Content:

This lecture contains equipment demonstrations and simulation programs. Students will be guided through the discovery of satellite communications



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 037</b>	
<b>Course Name :</b>	<b>Satellite Communication</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0181	D RAKESH
2	20181ECE0208	GOLLA HARIPRIYA
3	20181ECE0360	THURAKA YASWANTH
4	20181ECE0376	VINUKONDA NIKHITHA
5	20181ECE0127	YOGASHREE R S
6	20181ECE0231	K VIJAY REDDY
7	20181ECE0235	KAPPARAPU VENKATA AJITH KUMAR REDDY
8	20171ECE0230	Prasad Krishna Murthi
9	20181LECE0001	Abdul Malik
11	20171ECE0278	Shaik sadiq basha
12	20171ECE0015	RANJITH T R
13	20171ECE0199	NITHISH PAUL
14	20171ECE0088	G sai venkata Raghava sahith
15	20171ECE0026	Anirudh K A
16	20181ECE0179	CHIRUKURI BHARGAV NAIDU
17	20181ECE0019	CHAITHANYA S
18	20181ECE0291	MURALA SIVA RAMA KRISHNA
19	20181ECE0044	JYOTHISH P T
20	20181ECE0081	PAVAN KUMAR N S
21	20181ECE0089	PUJARI JAHNAVI
22	20181ECE0159	BOYA SANTHOSH KUMAR
23	20181ECE0293	NAGASWARAM SURESH
24	20181ECE0351	SUNKARA SIVA SANKAR
25	20181ECE0099	RUCHITHA R
26	20181ECE0162	CHAGANTI KIRANKUMAR REDDY
27	20181ECE0222	GUTTY VINAY KUMAR
28	20181ECE0292	NAGA MAHENDRA REDDY
29	20181ECE0049	KOMAL KUMARI NAGAR
30	20181ECE0197	GADDAM PRASHANTH REDDY
31	20181ECE0257	KUCHI HEMANTHKUMAR NAIDU
32	20181ECE0091	R SAI SUHAS
33	20181ECE0207	GOLI MANOGNA
35	20181ECE0025	DHANUSH K V



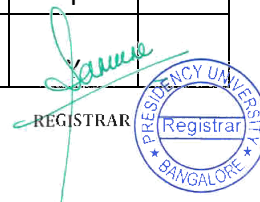
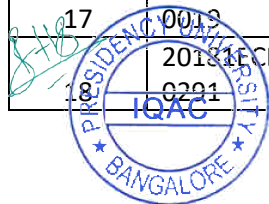


36	20181ECE0070	N NIRANJAN KUMAR
37	20181ECE0326	PULI YEDDULA VENKATA YASWANTH REDDY
38	20181ECE9008	DISHA DECHAMMA M N
39	20181ECE9012	NIKHIL M
40	20191LEC0017	MANOJ R
41	20171ECE0364	Koppisetty Sai Swaroop



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 037		Academic Year :			2019-2020	
Course Name :	Satellite Communication		Semester :			Odd Semester	
			Instructor-in-Charge Name :			Dr. Britto Pari	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark	
1	20181ECE0181	D RAKESH	So C	70.00	13	Y	
2	20181ECE0208	GOLLA HARIPRIYA	So E	86.67	5	N	
3	20181ECE0360	THURAKA YASWANTH	So E	70.00	4	N	
4	20181ECE0376	VINUKONDA NIKHITHA	So E	86.67	4	N	
5	20181ECE0127	YOGASHREE R S	So E	86.67	7	N	
6	20181ECE0231	K VIJAY REDDY	So E	86.67	2	N	
7	20181ECE0235	KAPPARAPU VENKATA AJITH KUMAR REDDY	So E	86.67	21	Y	
8	20171ECE0230	Prasad Krishna Murthi	So E	76.67	7	N	
9	20181LEC0001	Abdul Malik	So E	100.00	14	Y	
11	20171ECE0278	Shaik sadiq basha	So E	100.00	11	Y	
12	20171ECE0015	RANJITH T R	So E	76.67	15	Y	
13	20171ECE0199	NITHISH PAUL	So E	70.00	22	Y	
14	20171ECE0088	G sai venkata Raghava sahith	So E	100.00	15	Y	
15	20171ECE0026	Anirudh K A	So E	76.67	10	N	
16	20181ECE0179	CHIRUKURI BHARGAV NAIDU	So C	86.67	14	Y	
17	20181ECE0019	CHAITHANYA S	So E	86.67	16	Y	
	20181ECE0291	MURALA SIVA RAMA KRISHNA	So E	86.67	13		



19	20181ECE 0044	JYOTHISH P T	So E	100 .00	1	N	
20	20181ECE 0081	PAVAN KUMAR N S	So E	100 .00	4	N	
21	20181ECE 0089	PUJARI JAHNAVI	So E	70. 00	21	Y	
22	20181ECE 0159	BOYA SANTHOSH KUMAR	So E	70. 00	25	Y	
23	20181ECE 0293	NAGASWARAM SURESH	So E	80. 00	14	Y	
24	20181ECE 0351	SUNKARA SIVA SANKAR	So E	73. 33	6	N	
25	20181ECE 0099	RUCHITHA R	So E	70. 00	9	N	
26	20181ECE 0162	CHAGANTI KIRANKUMAR REDDY	So E	66. 67	4	N	
27	20181ECE 0222	GUTTY VINAY KUMAR	So E	100 .00	13	Y	
28	20181ECE 0292	NAGA MAHENDRA REDDY	So E	100 .00	14	Y	
29	20181ECE 0049	KOMAL KUMARI NAGAR	So E	76. 67	22	Y	
30	20181ECE 0197	GADDAM PRASHANTH REDDY	So E	100 .00	16	Y	
31	20181ECE 0257	KUCHI HEMANTHKUMAR NAIDU	So E	100 .00	4	N	
32	20181ECE 0091	R SAI SUHAS	So E	96. 67	7	N	
33	20181ECE 0207	GOLI MANOGNA	So E	76. 67	25	Y	
35	20181ECE 0025	DHANUSH K V	So E	90. 00	14	Y	
36	20181ECE 0070	N NIRANJAN KUMAR	So E	100 .00	16	Y	
37	20181ECE 0326	PULI YEDDULA VENKATA YASWANTH REDDY	So E	100 .00	14	Y	
38	20181ECE 9008	DISHA DECHAMMA M N	So E	100 .00	16	Y	
39	20181ECE 9012	NIKHIL M	So E	70. 00	25	Y	
40	20191LEC 0017	MANOJ R	So E	76. 67	12	Y	
41	20171ECE 0364	Koppisetty Sai Swaroop	So E	70. 00	14	Y	

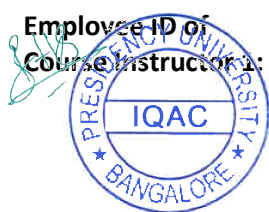
Name of Course

Instructor 1:

Employee ID of  
Course Instructor 1:

Dr. Britto Pari

PUNIV000



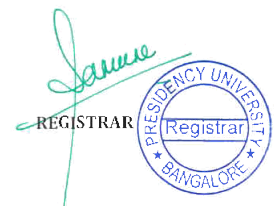
Name of Course  
Instructor 2: NA

Employee ID of  
Course Instructor 2: NA

Signature of  
Instructor-in-  
Charge



Signature of HOD



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

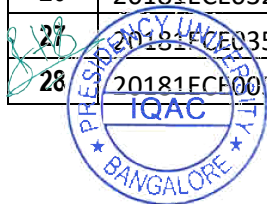
**VAC DETAILS**

Total number of hours:30

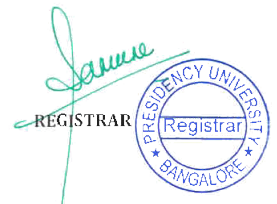
Value added Course(VAC) Name and Code:Satellite Communication and ECE V 037

Name of the Instructor: Dr. Britto Pari

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0082	PAVAN P
2	20181ECE0136	ALLAREDDY SASHANK REDDY
3	20181ECE0215	GUNDA MOHANKRISHNA
4	20181ECE0226	JUTURU BHARAT KUMAR
5	20181ECE0236	KARANAM OBULAM SREEKAR KOUNDINYA
6	20181ECE0372	VENNAPUSA CHANDRA KANTH REDDY
7	20181ECE0393	BHOOMIKA B
8	20171ECE0078	Digvijay Singh Chouhan
9	20171ECE0191	NARMADA N
10	20171ECE0209	Pavan Kumar G
11	20171ECE0266	Sanepalli Vidhyadhara Reddy
12	20171ECE0247	RAVI TEJA B V
13	20171ECE0346	Yuvaraj Y
14	20181ECE0407	SAYED FAKRUNNISHA
15	20181ECE0026	DHANUSH U
16	20181ECE0048	KISHAN S
17	20181ECE0240	KATAKAM HEMANTH KUMAR
18	20181ECE0118	SUPRITH A
19	20181ECE0225	JONNALAGADDA VVN S MADHAVA VAMSI KRISHNA
20	20181ECE0332	RATHNAKARAM VAISHNAVI PRASANNA
21	20181ECE0046	KARTHIK V
22	20181ECE0126	YESHWANTH SATYA DEV P
23	20181ECE0013	ATHIRA V NATH
24	20181ECE0042	J ABHISHEK
25	20181ECE0180	CHITTOOR ABHISHEK
26	20181ECE0322	PRAJWAL P
27	20181ECE0355	TANGUTURU HEMANTH
28	20181ECE0050	KOUSHIK S

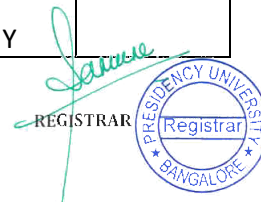
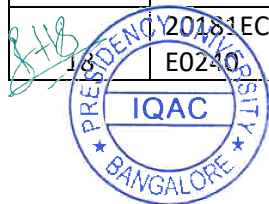


29	20181ECE0075	NIKITHA N
30	20181ECE0105	SHALINI S
31	20171ECE0365	SHAIK MOHAMMAD FAROOQ
32	20171ECE0052	Chagam Nandini
33	20171ECE0345	Yukthesh Reddy
34	20171ECE0138	Kopperla Preethi
35	20171ECE0213	Pawan Kumar R
36	20171ECE0010	Adrian Vincent



**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 037</b>		<b>Academic Year :</b>			<b>2019-2020</b>	
<b>Course Name :</b>	<b>Satellite Communication</b>		<b>Semester :</b>			<b>Even Semester</b>	
			<b>Instructor-in-Charge Name :</b>			<b>Dr. Britto Pari</b>	
			<b>Instructor-in-Charge Employee ID :</b>			<b>PUNIV000</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>	<b>School (e.g. SoE/SoL)</b>	<b>Attendance (in %)</b>	<b>Marks (25)</b>	<b>Eligible for Certificate (Y/N)</b>	<b>Remark</b>
1	20181EC E0082	PAVAN P	SoC	100.00	5	N	
2	20181EC E0136	ALLAREDDY SASHANK REDDY	SoE	76.67	23	Y	
3	20181EC E0215	GUNDA MOHANKRISHNA	SoE	100.00	2	N	
4	20181EC E0226	JUTURU BHARAT KUMAR	SoE	100.00	4	N	
5	20181EC E0236	KARANAM OBULAM SREEKAR KOUNDINYA	SoE	96.67	12	Y	
6	20181EC E0372	VENNAPUSA CHANDRA KANTH REDDY	SoE	76.67	23	Y	
7	20181EC E0393	BHOOMIKA B	SoE	90.00	18	Y	
8	20171EC E0078	Digvijay Singh Chouhan	SoE	100.00	23	Y	
9	20171EC E0191	NARMADA N	SoE	100.00	23	Y	
11	20171EC E0209	Pavan Kumar G	SoE	100.00	11	Y	
12	20171EC E0266	Sanepalli Vidhyadhara Reddy	SoE	70.00	7	N	
13	20171EC E0247	RAVI TEJA B V	SoE	76.67	15	Y	
14	20171EC E0346	Yuvaraj Y	SoE	70.00	11	Y	
15	20181EC E0407	SAYED FAKRUNNISHA	SoC	70.00	19	Y	
16	20181EC E0026	DHANUSH U	SoE	86.67	22	Y	
17	20181EC E0048	KISHAN S	SoE	70.00	19	Y	
18	20181EC E0240	KATAKAM HEMANTH KUMAR	SoE	86.67	17	Y	



19	20181EC E0118	SUPRITH A	SoE	86.6 7	25	Y	
20	20181EC E0225	JONNALAGADDA VVN S MADHAVA VAMSI KRISHNA	SoE	86.6 7	22	Y	
21	20181EC E0332	RATHNAKARAM VAISHNAVI PRASANNA	SoE	86.6 7	24	Y	
24	20181EC E0046	KARTHIK V	SoE	76.6 7	5	N	
25	20181EC E0126	YESHWANTH SATYA DEV P	SoE	100. 00	7	N	
27	20181EC E0013	ATHIRA V NATH	SoE	100. 00	2	N	
28	20181EC E0042	J ABHISHEK	SoE	76.6 7	25	Y	
29	20181EC E0180	CHITTOOR ABHISHEK	SoE	70.0 0	15	Y	
30	20181EC E0322	PRAJWAL P	SoE	100. 00	21	Y	
31	20181EC E0355	TANGUTURU HEMANTH	SoE	76.6 7	6	N	
32	20181EC E0050	KOUSHIK S	SoE	86.6 7	9	N	
33	20181EC E0075	NIKITHA N	SoE	86.6 7	15	Y	
34	20181EC E0105	SHALINI S	SoE	86.6 7	23	Y	
35	20171EC E0365	SHAIK MOHAMMAD FAROOQ	SoE	100. 00	15	Y	
37	20171EC E0052	Chagam Nandini	SoE	100. 00	24	Y	
38	20171EC E0345	Yukthesh Reddy	SoE	70.0 0	17	Y	
39	20171EC E0138	Kopperla Preethi	SoE	70.0 0	5	N	
40	20171EC E0213	Pawan Kumar R	SoE	80.0 0	1	N	
40	20171EC E0010	Adrian Vincent	SoE	73.3 3	18	Y	

Name of Course

Instructor 1:

Dr. Britto Pari

Employee ID of

Course Instructor 1:

PUNIV000

Name of Course

Instructor 2:

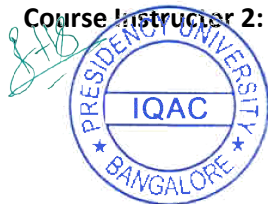
NA

Employee ID of

Course Instructor 2:

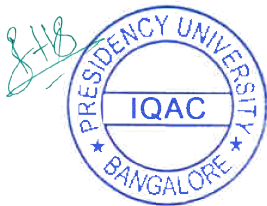
NA

Signature of Instructor-in-  
Charge





Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Ms. Ronak Dadhich  
**Title of the Value Added Course** : Excel skills for Business  
**Course Duration** : 30 hours, August 2021 to December 2019  
**Course Code** : ECE V 025

## Introduction to the Course:

This course helps to learners can design sophisticated spreadsheets, including professional dashboards, and perform complex calculations using advanced Excel features and techniques. Learners have acquired the skills to manage large datasets efficiently, extract meaningful information from datasets, present data and extract information effectively.

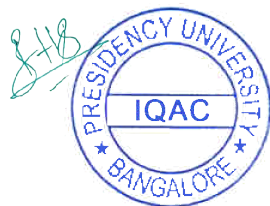
**Prerequisites:** NIL

## Course Outcomes: On successful completion of the course the students shall be able to:

1. performance of basic Excel formulas and functions to analyze data
2. creation of visualizations of data through charts and graphs
3. Create powerful automation in spreadsheets
4. Application of advanced formulas and conditional logic to help make informed business decisions

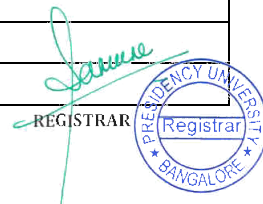
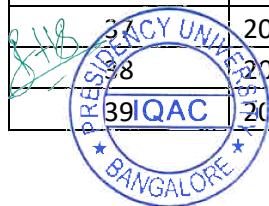
## Course Content:

This course is divided into four parts. It includes perform basic calculations with formulas and functions, professionally format spreadsheets, and create visualizations of data through charts and graphs, check for and prevent errors in spreadsheets; Create powerful automation in spreadsheets; Apply advanced formulas and conditional logic to help make informed business decisions; and Create spreadsheets that help forecast and model data.



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

<b>Course Code :</b>	<b>ECE V 038</b>	
<b>Course Name :</b>	<b>Introduction to Programming with MATLAB</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0082	PAVAN P
2	20181ECE0136	ALLAREDDY SASHANK REDDY
3	20181ECE0215	GUNDA MOHANKRISHNA
4	20181ECE0226	JUTURU BHARAT KUMAR
5	20181ECE0236	KARANAM OBULAM SREEKAR KOUNDINYA
6	20181ECE0372	VENNAPUSA CHANDRA KANTH REDDY
7	20181ECE0393	BHOOMIKA B
8	20171ECE0078	Digvijay Singh Chouhan
9	20171ECE0191	NARMADA N
11	20171ECE0209	Pavan Kumar G
12	20171ECE0266	Sanepalli Vidhyadhara Reddy
13	20171ECE0247	RAVI TEJA B V
14	20171ECE0346	Yuvaraj Y
15	20181ECE0407	SAYED FAKRUNNISHA
16	20181ECE0026	DHANUSH U
17	20181ECE0048	KISHAN S
18	20181ECE0240	KATAKAM HEMANTH KUMAR
19	20181ECE0118	SUPRITH A
20	20181ECE0225	JONNALAGADDA VVN S MADHAVA VAMSI KRISHNA
21	20181ECE0332	RATHNAKARAM VAISHNAVI PRASANNA
24	20181ECE0046	KARTHIK V
25	20181ECE0126	YESHWANTH SATYA DEV P
27	20181ECE0013	ATHIRA V NATH
28	20181ECE0042	J ABHISHEK
29	20181ECE0180	CHITTOOR ABHISHEK
30	20181ECE0322	PRAJWAL P
31	20181ECE0355	TANGUTURU HEMANTH
32	20181ECE0050	KOUSHIK S
33	20181ECE0075	NIKITHA N
34	20181ECE0105	SHALINI S
35	20171ECE0365	SHAIK MOHAMMAD FAROOQ
36	20171ECE0052	Chagam Nandini
37	20171ECE0345	Yukthesh Reddy
38	20171ECE0138	Kopperla Preethi

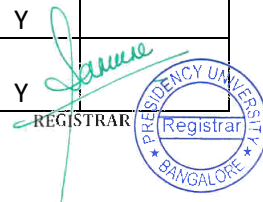
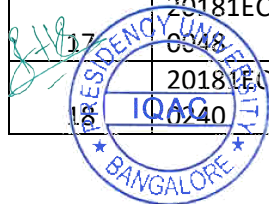


40	20171ECE0213	Pawan Kumar R
40	20171ECE0010	Adrian Vincent



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 038		Academic Year :		2019-2020		
Course Name :	Excel for Bussiness		Semester :		Odd Semester		
			Instructor-in-Charge Name :		Ms. Ronak		
			Instructor-in-Charge Employee ID :		PUNIV000		
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0082	PAVAN P	SoC	100.00	5	N	
2	20181ECE0136	ALLAREDDY SASHANK REDDY	SoE	76.67	23	Y	
3	20181ECE0215	GUNDA MOHANKRISHNA	SoE	100.00	2	N	
4	20181ECE0226	JUTURU BHARAT KUMAR	SoE	100.00	4	N	
5	20181ECE0236	KARANAM OBULAM SREEKAR KOUNDINYA	SoE	96.67	12	Y	
6	20181ECE0372	VENNAPUSA CHANDRA KANTH REDDY	SoE	76.67	23	Y	
7	20181ECE0393	BHOOMIKA B	SoE	90.00	18	Y	
8	20171ECE0078	Digvijay Singh Chouhan	SoE	100.00	23	Y	
9	20171ECE0191	NARMADA N	SoE	100.00	23	Y	
11	20171ECE0209	Pavan Kumar G	SoE	100.00	11	Y	
12	20171ECE0266	Sanepalli Vidhyadhara Reddy	SoE	70.00	7	N	
13	20171ECE0247	RAVI TEJA B V	SoE	76.67	15	Y	
14	20171ECE0346	Yuvaraj Y	SoE	70.00	11	Y	
15	20181ECE0407	SAYED FAKRUNNISHA	SoC	70.00	19	Y	
16	20181ECE0026	DHANUSH U	SoE	86.67	22	Y	
17	20181ECE0348	KISHAN S	SoE	70.00	19	Y	
	20181ECE0240	KATAKAM HEMANTH KUMAR	SoE	86.67	17	Y	



19	20181ECE 0118	SUPRITH A	SoE	86. 67	25	Y	
20	20181ECE 0225	JONNALAGADDA VVN S MADHAVA VAMSI KRISHNA	SoE	86. 67	22	Y	
21	20181ECE 0332	RATHNAKARAM VAISHNAVI PRASANNA	SoE	86. 67	24	Y	
24	20181ECE 0046	KARTHIK V	SoE	76. 67	5	N	
25	20181ECE 0126	YESHWANTH SATYA DEV P	SoE	100 .00	7	N	
27	20181ECE 0013	ATHIRA V NATH	SoE	100 .00	2	N	
28	20181ECE 0042	J ABHISHEK	SoE	76. 67	25	Y	
29	20181ECE 0180	CHITTOOR ABHISHEK	SoE	70. 00	15	Y	
30	20181ECE 0322	PRAJWAL P	SoE	100 .00	21	Y	
31	20181ECE 0355	TANGUTURU HEMANTH	SoE	76. 67	6	N	
32	20181ECE 0050	KOUSHIK S	SoE	86. 67	9	N	
33	20181ECE 0075	NIKITHA N	SoE	86. 67	15	Y	
34	20181ECE 0105	SHALINI S	SoE	86. 67	23	Y	
35	20171ECE 0365	SHAIK MOHAMMAD FAROOQ	SoE	100 .00	15	Y	
37	20171ECE 0052	Chagam Nandini	SoE	100 .00	24	Y	
38	20171ECE 0345	Yukthesh Reddy	SoE	70. 00	17	Y	
39	20171ECE 0138	Kopperla Preethi	SoE	70. 00	5	N	
40	20171ECE 0213	Pawan Kumar R	SoE	80. 00	1	N	
40	20171ECE 0010	Adrian Vincent	SoE	73. 33	18	Y	

Name of Course

Instructor 1:

Ms. Ronak

Employee ID of

Course Instructor 1:

PUNIV000

Name of Course

Instructor 2:

NA

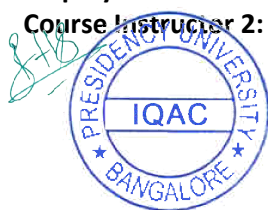
Employee ID of

Course Instructor 2:

NA

Signature of Instructor-in-

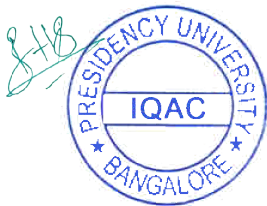
Charge



A handwritten signature in purple ink, appearing to read 'Ronak'.



Signature of HOD



**Presidency University, Bengaluru**

**Department of ECE**

**School of Engineering**

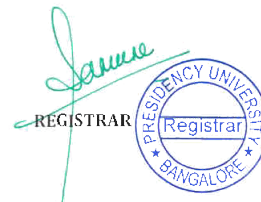
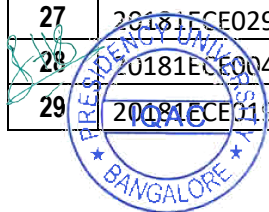
**VAC DETAILS**

Total number of hours:30

Value added Course(VAC) Name and Code: Excel skills for Business and ECE V 038

Name of the Instructor: Ms. Ronak

S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0181	D RAKESH
2	20181ECE0208	GOLLA HARIPRIYA
3	20181ECE0360	THURAKA YASWANTH
4	20181ECE0376	VINUKONDA NIKHITHA
5	20181ECE0127	YOGASHREE R S
6	20181ECE0231	K VIJAY REDDY
7	20181ECE0235	KAPPARAPU VENKATA AJITH KUMAR REDDY
8	20171ECE0230	Prasad Krishna Murthi
9	20181LEC0001	Abdul Malik
10	20171ECE0278	Shaik sadiq basha
11	20171ECE0015	RANJITH T R
12	20171ECE0199	NITHISH PAUL
13	20171ECE0088	G sai venkata Raghava sahith
14	20171ECE0026	Anirudh K A
15	20181ECE0179	CHIRUKURI BHARGAV NAIDU
16	20181ECE0019	CHAITHANYA S
17	20181ECE0291	MURALA SIVA RAMA KRISHNA
18	20181ECE0044	JYOTHISH P T
19	20181ECE0081	PAVAN KUMAR N S
20	20181ECE0089	PUJARI JAHNAVI
21	20181ECE0159	BOYA SANTHOSH KUMAR
22	20181ECE0293	NAGASWARAM SURESH
23	20181ECE0351	SUNKARA SIVA SANKAR
24	20181ECE0099	RUCHITHA R
25	20181ECE0162	CHAGANTI KIRANKUMAR REDDY
26	20181ECE0222	GUTTY VINAY KUMAR
27	20181ECE0292	NAGA MAHENDRA REDDY
28	20181ECE0049	KOMAL KUMARI NAGAR
29	20181ECE0197	GADDAM PRASHANTH REDDY



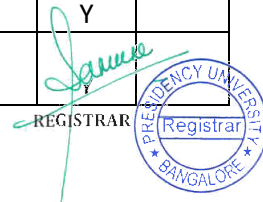
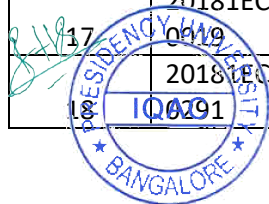


30	20181ECE0257	KUCHI HEMANTHKUMAR NAIDU
31	20181ECE0091	R SAI SUHAS
32	20181ECE0207	GOLI MANOGNA
33	20181ECE0025	DHANUSH K V
34	20181ECE0070	N NIRANJAN KUMAR
35	20181ECE0326	PULI YEDDULA VENKATA YASWANTH REDDY
36	20181ECE9008	DISHA DECHAMMA M N
37	20181ECE9012	NIKHIL M
38	20191LEC0017	MANOJ R
39	20171ECE0364	Koppisetty Sai Swaroop



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 038		Academic Year :			2019-2020	
Course Name :	Excel skills for Business		Semester :			Even Semester	
			Instructor-in-Charge Name :			Ms. Ronak	
			Instructor-in-Charge Employee ID :			PUNIV000	
S. No	Roll No	Name	School Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark	
1	20181ECE0181	D RAKESH	So 70.00	13	Y		
2	20181ECE0208	GOLLA HARIPRIYA	So 86.67	5	N		
3	20181ECE0360	THURAKA YASWANTH	So 70.00	4	N		
4	20181ECE0376	VINUKONDA NIKHITHA	So 86.67	4	N		
5	20181ECE0127	YOGASHREE R S	So 86.67	7	N		
6	20181ECE0231	K VIJAY REDDY	So 86.67	2	N		
7	20181ECE0235	KAPPARAPU VENKATA AJITH KUMAR REDDY	So 86.67	21	Y		
8	20171ECE0230	Prasad Krishna Murthi	So 76.67	7	N		
9	20181LECE0001	Abdul Malik	So 100.00	14	Y		
11	20171ECE0278	Shaik sadiq basha	So 100.00	11	Y		
12	20171ECE0015	RANJITH T R	So 76.67	15	Y		
13	20171ECE0199	NITHISH PAUL	So 70.00	22	Y		
14	20171ECE0088	G sai venkata Raghava sahith	So 100.00	15	Y		
15	20171ECE0026	Anirudh K A	So 76.67	10	N		
16	20181ECE0179	CHIRUKURI BHARGAV NAIDU	So 86.67	14	Y		
17	20181ECE0119	CHAITHANYA S	So 86.67	16	Y		
	20181ECE0091	MURALA SIVA RAMA KRISHNA	So 86.67	13			



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21	20181ECE 0089	PUJARI JAHNAVI	So E	70. 00	21	Y	
22	20181ECE 0159	BOYA SANTHOSH KUMAR	So E	70. 00	25	Y	
23	20181ECE 0293	NAGASWARAM SURESH	So E	80. 00	14	Y	
24	20181ECE 0351	SUNKARA SIVA SANKAR	So E	73. 33	6	N	
25	20181ECE 0099	RUCHITHA R	So E	70. 00	9	N	
26	20181ECE 0162	CHAGANTI KIRANKUMAR REDDY	So E	66. 67	4	N	
27	20181ECE 0222	GUTTY VINAY KUMAR	So E	100 .00	13	Y	
28	20181ECE 0292	NAGA MAHENDRA REDDY	So E	100 .00	14	Y	
29	20181ECE 0049	KOMAL KUMARI NAGAR	So E	76. 67	22	Y	
30	20181ECE 0197	GADDAM PRASHANTH REDDY	So E	100 .00	16	Y	
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36	20181ECE 0070	N NIRANJAN KUMAR	So E	100 .00	16	Y	
37	20181ECE 0326	PULI YEDDULA VENKATA YASWANTH REDDY	So E	100 .00	14	Y	
38	20181ECE 9008	DISHA DECHAMMA M N	So E	100 .00	16	Y	
39	20181ECE 9012	NIKHIL M	So E	70. 00	25	Y	
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41	20171ECE 0364	Koppisetty Sai Swaroop	So E	70. 00	14	Y	

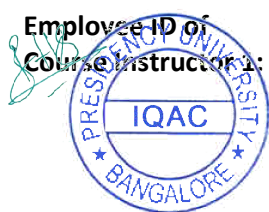
Name of Course

Instructor 1:

Employee ID of  
Course Instructor 1:

Ms. Ronak

PUNIV000



*Ronak*

*Sanne*  
REGISTRAR  
PRESIDENCY UNIVERSITY  
BANGALORE

Name of Course  
Instructor 2: NA

Employee ID of  
Course Instructor 2: NA

Signature of  
Instructor-in-  
Charge



Signature of HOD





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School** : SOE **Name of the Department:** ECE  
**Name of the Faculty Member** : Mr.Vijayakrishna  
**Title of the Value Added Course** : Reconfigurable devices  
**Course Duration** : 30 hours, August 20219 to December 2019  
**Course Code** : ECE V 124

## Introduction to the Course:

This course aims to teach everyone the basics of FPGA-based reconfigurable computing systems. We cover the basics of how to decide whether or not to use an FPGA and, if this technology will be proven to be the right choice, how to program it.

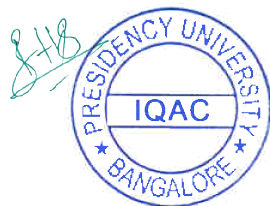
## Prerequisites: Digital Design

## Course Outcomes: On successful completion of the course the students shall be able to:

1. To understand the types of programmable logic devices
2. To know the types of FPGA's and their programming technologies
3. To understand the programmable logic block architectures
4. To know about interconnects and applications of FPGA's

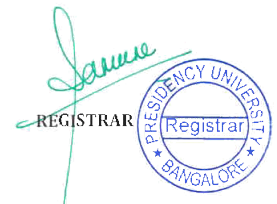
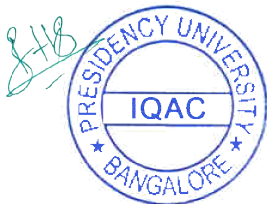
## Course Content:

This course is for anyone passionate in learning how a hardware component can be adapted at runtime to better respond to users/environment needs. This adaptation can be provided by the designers, or it can be an embedded characteristic of the system itself. These runtime adaptable systems will be implemented by using FPGA technologies. Within this course we are going to provide a basic understanding on how the FPGAs are working and of the rationale behind the choice of them to implement a desired system.



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

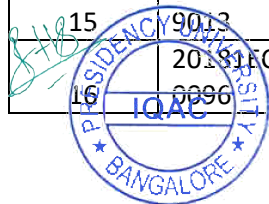
<b>Course Code</b> :	<b>ECE V 024</b>	
<b>Course Name</b> :	<b>Reconfigurable Devices</b>	
<b>S. No</b>	<b>Roll No</b>	<b>Name</b>
1	20181ECE0406	SURYA V
2	20181EEE0038	PALLAVI R
3	20181ECE0092	RADHA SHARMA
4	20181ECE0094	RAKESH NAIDU D
5	20181ECE0272	MACHANI VENKATA RAMANA
6	20181ECE0323	PRASHANTH P
7	20181ECE0346	SIMHADRI VENKATA SAI KRISHNA
8	20171ECE0151	M sai pavan raj
9	20171ECE0299	SUDHA R
10	20171ECE0227	Prajwal H
11	20181Lec0007	Chetan p
12	20171ECE0069	D VISHAL
13	20171ECE0229	Pranitha B S
14	20171ECE0192	NAVAMI S
15	20171ECE9013	DILEEP
16	20181ECE0096	RAKSHITHA A R
17	20181ECE0234	KANALA SADHIK
18	20191LEC0011	HARSHITHA V
19	20181ECE0416	KANDRA REVANTH KUMAR
20	20181ECE0116	STEPHEN RAJ B
21	20181ECE0304	NITTUR LALITH BHARADWAJ
22	20181ECE0067	MUKESH NANDY
23	20181ECE0168	CHEPPALA NAGARJUNA REDDY
24	20181ECE0218	GUNTAKAL YASHWANTH REDDY
25	20171ECE0221	PODAMALA KALYAN KUMAR





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 024		Academic Year :		2019-2020		
Course Name :	Reconfigurable Devices		Semester :		Odd Semester		
			Instructor-in-Charge Name :		Mr. V V S Vijaya Krishna		
			Instructor-in-Charge Employee ID :		PUNIV01146		
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0406	SURYA V	SoC	100.00	6.00	N	
2	20181EEE0038	PALLAVI R	SoE	76.67	5.00	N	
3	20181ECE0092	RADHA SHARMA	SoE	100.00	20.00	Y	
4	20181ECE0094	RAKESH NAIDU D	SoE	100.00	21.00	Y	
5	20181ECE0272	MACHANI VENKATA RAMANA	SoE	96.67	11.00	Y	
6	20181ECE0323	PRASHANTH P	SoE	76.67	18.00	Y	
7	20181ECE0346	SIMHADRI VENKATA SAI KRISHNA	SoE	90.00	11.00	Y	
8	20171ECE0151	M sai pavan raj	SoE	100.00	10.00	N	
9	20171ECE0299	SUDHA R	SoE	100.00	9.00	N	
10	20171ECE0227	Prajwal H	SoE	100.00	7.00	N	
11	20181Lec0007	Chetan p	SoE	100.00	22.00	Y	
12	20171ECE0069	D VISHAL	SoE	76.67	15.00	Y	
13	20171ECE0229	Pranitha B S	SoE	70.00	18.00	Y	
14	20171ECE0192	NAVAMI S	SoE	70.00	16.00	Y	
15	20171ECE9013	DILEEP	SoE	86.67	13.00	Y	
16	20181ECE0096	RAKSHITHA A R	SoE	70.00	21.00	Y	

25.00  
15.00



  
 REGISTRAR  


17	20181ECE 0234	KANALA SADHIK	SoE	86.6 7	5.00	N	
18	20191LEC 0011	HARSHITHA V	SoE	86.6 7	5.00	N	
19	20181ECE 0416	KANDRA REVANTH KUMAR	SoE	86.6 7	19.00	Y	
20	20181ECE 0116	STEPHEN RAJ B	SoE	86.6 7	6.00	N	
21	20181ECE 0304	NITTUR LALITH BHARADWAJ	SoE	76.6 7	22.00	Y	
22	20181ECE 0067	MUKESH NANDY	SoE	100. 00	19.00	Y	
23	20181ECE 0168	CHEPPALA NAGARJUNA REDDY	SoE	100. 00	9.00	N	
24	20181ECE 0218	GUNTAKAL YASHWANTH REDDY	SoE	76.6 7	22.00	Y	
25	20171ECE 0221	PODAMALA KALYAN KUMAR	SoE	70.0 0	3.00	N	

Name of Course

Instructor 1:

Employee ID of

Course Instructor 1:

V V S VIJAYA KRISHNA

PUNIV01146

Name of Course

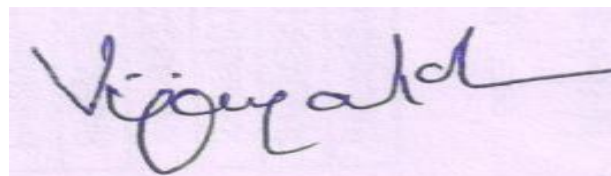
Instructor 2:

Employee ID of

Course Instructor 2:

NA

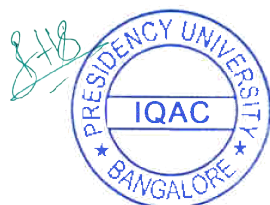
NA



Signature of Instructor-in-  
Charge

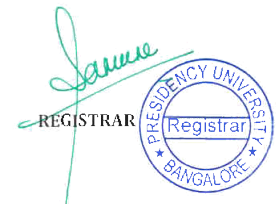


Signature of HOD



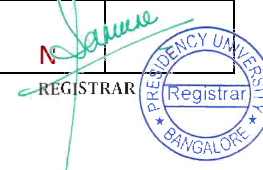
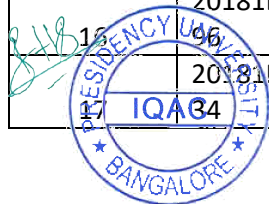


Presidency University, Bengaluru		
Department of ECE		
School of Engineering		
<b>VAC DETAILS</b>		
Total number of hours:30		
Value added Course(VAC) Name and Code: Reconfigurable Devices and ECE V 0124		
Name of the Instructor: Mr. V V S Vijaya Krishna		
S.No.	STUDENT ROLL NO	STUDENT NAME
1	20181ECE0406	SURYA V
2	20181EEE0038	PALLAVI R
3	20181ECE0092	RADHA SHARMA
4	20181ECE0094	RAKESH NAIDU D
5	20181ECE0272	MACHANI VENKATA RAMANA
6	20181ECE0323	PRASHANTH P
7	20181ECE0346	SIMHADRI VENKATA SAI KRISHNA
8	20171ECE0151	M sai pavan raj
9	20171ECE0299	SUDHA R
10	20171ECE0227	Prajwal H
11	20181Lec0007	Chetan p
12	20171ECE0069	D VISHAL
13	20171ECE0229	Pranitha B S
14	20171ECE0192	NAVAMI S
15	20171ECE9013	DILEEP
16	20181ECE0096	RAKSHITHA A R
17	20181ECE0234	KANALA SADHIK
18	20191LEC0011	HARSHITHA V
19	20181ECE0416	KANDRA REVANTH KUMAR
20	20181ECE0116	STEPHEN RAJ B
21	20181ECE0304	NITTUR LALITH BHARADWAJ
22	20181ECE0067	MUKESH NANDY
23	20181ECE0168	CHEPPALA NAGARJUNA REDDY
24	20181ECE0218	GUNTAKAL YASHWANTH REDDY
25	20171ECE0221	PODAMALA KALYAN KUMAR



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :	ECE V 024		Academic Year :			2019-2020	
Course Name :	Reconfigurable Devices		Semester :			Even Semester	
			Instructor-in-Charge Name :			Mr. V V S Vijaya Krishna	
			Instructor-in-Charge Employee ID :			PUNIV01146	
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks (25)	Eligible for Certificate (Y/N)	Remark
1	20181ECE0406	SURYA V	SoC	100.00	6.00	N	
2	20181EEE0038	PALLAVI R	SoE	76.67	5.00	N	
3	20181ECE0092	RADHA SHARMA	SoE	100.00	20.00	Y	
4	20181ECE0094	RAKESH NAIDU D	SoE	100.00	21.00	Y	
5	20181ECE0272	MACHANI VENKATA RAMANA	SoE	96.67	11.00	Y	
6	20181ECE0323	PRASHANTH P	SoE	76.67	18.00	Y	
7	20181ECE0346	SIMHADRI VENKATA SAI KRISHNA	SoE	90.00	11.00	Y	
8	20171ECE0151	M sai pavan raj	SoE	100.00	10.00	N	
9	20171ECE0299	SUDHA R	SoE	100.00	9.00	N	
10	20171ECE0227	Prajwal H	SoE	100.00	7.00	N	
11	20181Lec0007	Chetan p	SoE	100.00	22.00	Y	
12	20171ECE0069	D VISHAL	SoE	76.67	15.00	Y	
13	20171ECE0229	Pranitha B S	SoE	70.00	18.00	Y	
14	20171ECE0192	NAVAMI S	SoE	70.00	16.00	Y	
15	20171ECE9013	DILEEP	SoE	86.67	13.00	Y	
16	20181ECE0096	RAKSHITHA A R	SoE	70.00	21.00	Y	
	20181ECE0296	KANALA SADHIK	SoE	86.67	5.00		



18	20191LEC00 11	HARSHITHA V	SoE	86.6 7	5.00	N	
19	20181ECE04 16	KANDRA REVANTH KUMAR	SoE	86.6 7	19.00	Y	
20	20181ECE01 16	STEPHEN RAJ B	SoE	86.6 7	6.00	N	
21	20181ECE03 04	NITTUR LALITH BHARADWAJ	SoE	76.6 7	22.00	Y	
22	20181ECE00 67	MUKESH NANDY	SoE	100. 00	19.00	Y	
23	20181ECE01 68	CHEPPALA NAGARJUNA REDDY	SoE	100. 00	9.00	N	
24	20181ECE02 18	GUNTAKAL YASHWANTH REDDY	SoE	76.6 7	22.00	Y	
25	20171ECE02 21	PODAMALA KALYAN KUMAR	SoE	70.0 0	3.00	N	

Name of Course

Instructor 1:

Employee ID of Course

Instructor 1:

V V S VIJAYA KRISHNA

PUNIV01146

Name of Course

Instructor 2:

Employee ID of Course

Instructor 2:

NA

NA

Signature of Instructor-in-  
Charge



Signature of HOD

