



# Ravindra College of Engineering for Women

Approved by AICTE, NewDelhi, Permanently Affiliated to JNTUA, Ananthapuramu,

Recognized by UGC u/s 2(f) & 12(B)

Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool - 518452.

**ACADEMIC YEAR – 2020 – 2021**

## **LIST OF ICT TOOLS**

**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (AI)**

S.No	Class	Topic Delivered using ICT	Subject	ICT Resource
1	I	Python Functions	Python Programming & Data Science	<a href="https://www.w3schools.com/python/python_functions.asp">https://www.w3schools.com/python/python_functions.asp</a>
2	I	Strings	Python Programming & Data Science	<a href="https://www.guru99.com/python-tutorials.html">https://www.guru99.com/python-tutorials.html</a>
3	I	Python Exception Handling	Python Programming & Data Science	<a href="https://www.geeksforgeeks.org/python-programming-language/learn-python-tutorial/#exception">https://www.geeksforgeeks.org/python-programming-language/learn-python-tutorial/#exception</a>
4	I	Python programming examples	Python Programming & Data Science	<a href="https://www.geeksforgeeks.org/python-programming-examples/">https://www.geeksforgeeks.org/python-programming-examples/</a>
5	I	Data Visualization in Python	Python Programming & Data Science	<a href="https://www.analyticsvidhya.com/blog/2021/02/an-intuitive-guide-to-visualization-in-python/">https://www.analyticsvidhya.com/blog/2021/02/an-intuitive-guide-to-visualization-in-python/</a>
6	I	Storage classes	C &DS	<a href="https://www.youtube.com/IRRPO4C0suQ">https://www.youtube.com/IRRPO4C0suQ</a>
7	I	Pointers & Functions	C &DS	<a href="https://www.youtube.com/LuDJeGqEZ3A">https://www.youtube.com/LuDJeGqEZ3A</a>
8	I	Command Line Arguments	C &DS	<a href="https://www.youtube.com/Ww1yFSz8SDg">https://www.youtube.com/Ww1yFSz8SDg</a>
9	I	Looping structures	C &DS	<a href="https://www.youtube.com/bPfu5IXnEI8">https://www.youtube.com/bPfu5IXnEI8</a>
10	I	stacks and queues	C &DS	<a href="https://www.youtube.com/DKIXEAZYB71">https://www.youtube.com/DKIXEAZYB71</a>

*K. S. H. M. Y.*  
15/9/21

PRINCIPAL

RAVINDRA COLLEGE OF  
ENGINEERING FOR WOMEN

Pasupula(V), Near Nandikotkur Road,  
Near Venkayapalli, KURNOOL-518 002



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11	I	Linked Lists & Its Operations	C & DS	<a href="https://www.youtube.com/DKIXEAZYB71">https://www.youtube.com/DKIXEAZYB71</a>
12	I	Trees	C & DS	<a href="https://www.youtube.com/YAdLFsTG70w">https://www.youtube.com/YAdLFsTG70w</a>
13	I	Graphs	C & DS	<a href="https://www.youtube.com/xwIRWdaHMBg">https://www.youtube.com/xwIRWdaHMBg</a>
14	I	Binary Search	C & DS	<a href="https://www.youtube.com/V_T5NuccwRA">https://www.youtube.com/V_T5NuccwRA</a>

  
HOD

*W. S. Srinivas*  
13/1/24  
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2.3.2. The list of ICT resources used for effective teaching-learning process.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AY : 2020-21

S.No	Class	Topic Delivered using ICT	Subject	ICT resource
1	III	Basic Maxwell's equations	AWP	<a href="https://www.youtube.com/watch?v=XUR-dnDa7eI">https://www.youtube.com/watch?v=XUR-dnDa7eI</a>
2	III	Antenna Arrays	AWP	<a href="https://www.youtube.com/watch?v=mudiXpU_DVQ">https://www.youtube.com/watch?v=mudiXpU_DVQ</a>
3	III	Pulse code modulation	DCS	<a href="https://www.youtube.com/watch?v=l_SqkcP6hZ4">https://www.youtube.com/watch?v=l_SqkcP6hZ4</a>
4	III	Introduction Convolution Codes	DCS	<a href="https://www.youtube.com/watch?v=AnyVu5eDhAQ">https://www.youtube.com/watch?v=AnyVu5eDhAQ</a>
5	III	FET	DSP	<a href="https://www.youtube.com/watch?v=r4Pc-rGBRJA">https://www.youtube.com/watch?v=r4Pc-rGBRJA</a>
6	III	Discrete Time Signal & system	DSP	<a href="https://www.youtube.com/watch?v=8zbBJkw5KsM&amp;list=PL4FA894BD6A9586E1">https://www.youtube.com/watch?v=8zbBJkw5KsM&amp;list=PL4FA894BD6A9586E1</a>
7	III	Logic Gates	VLSI	<a href="https://www.youtube.com/watch?v=fT3TC2AU_H8">https://www.youtube.com/watch?v=fT3TC2AU_H8</a>
8	III	Design of Adders	VLSI	<a href="https://www.youtube.com/watch?v=85XxOZqBNlg">https://www.youtube.com/watch?v=85XxOZqBNlg</a> <a href="https://www.youtube.com/watch?v=YBY0k5mIQy0">https://www.youtube.com/watch?v=YBY0k5mIQy0</a>
9	IV	Photo Detector	OFC	<a href="https://www.youtube.com/watch?v=1X2Xt7wlcBA">https://www.youtube.com/watch?v=1X2Xt7wlcBA</a>
10	IV	Attenuation & Power loss in fibers	OFC	<a href="https://www.youtube.com/watch?v=FVHzrGRN6i8">https://www.youtube.com/watch?v=FVHzrGRN6i8</a>
11	IV	Gunn diode, Varactor diode	MWE	<a href="https://www.youtube.com/results?search_query=Gunn+diode-principles+classes+by+iit+professors">https://www.youtube.com/results?search_query=Gunn+diode-principles+classes+by+iit+professors</a>
12	IV	Directional Couplers	MWE	<a href="https://www.youtube.com/watch?v=44mBn7nyMIM">https://www.youtube.com/watch?v=44mBn7nyMIM</a>
13	IV	Edge Detection	DIP	<a href="https://www.youtube.com/watch?v=9r8ph2pb9aw">https://www.youtube.com/watch?v=9r8ph2pb9aw</a>
14	IV	Discrete Cosine Transforms	DIP	<a href="https://www.youtube.com/watch?v=S8FkaEWfCOg">https://www.youtube.com/watch?v=S8FkaEWfCOg</a>
15	IV	Transmission media reflection	RFIC	<a href="https://www.youtube.com/watch?v=q9k9FPh0iJI&amp;list=PLbMVogVj5nJQdGDSx243YPnNeLMBRhNE8&amp;index=2">https://www.youtube.com/watch?v=q9k9FPh0iJI&amp;list=PLbMVogVj5nJQdGDSx243YPnNeLMBRhNE8&amp;index=2</a>
16	IV	RF system basic architectures	RFIC	<a href="https://www.youtube.com/watch?v=KUDGGsyh1Hs">https://www.youtube.com/watch?v=KUDGGsyh1Hs</a>

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Nandikotkur Road, Pasupala Village, Venkayapalli, Kurnool - 518452, Andhra Pradesh  
(An ISO 9001:2008 Certified Institution)

S.No	Class	Topic Delivered using ICT	Subject	ICT resource
17	II	Sample space & Events	PTSP	<a href="https://www.youtube.com/watch?v=leVm6xuKdlU">https://www.youtube.com/watch?v=leVm6xuKdlU</a>
18	II	Random Variables	PTSP	<a href="https://www.youtube.com/watch?v=zujcSvREcQ4">https://www.youtube.com/watch?v=zujcSvREcQ4</a>
19	II	Zener Diode and applications	EDC	<a href="https://www.youtube.com/watch?v=I2nrBITEVls">https://www.youtube.com/watch?v=I2nrBITEVls</a>
20	II	BJT biasing- methods	EDC	<a href="https://www.youtube.com/watch?v=l6M6FvjUdTI">https://www.youtube.com/watch?v=l6M6FvjUdTI</a>
21	II	Vestigial sideband (VSB) modulator	ACS	<a href="https://www.youtube.com/watch?v=KC8kh5FaIc0">https://www.youtube.com/watch?v=KC8kh5FaIc0</a>
22	II	Amplitude modulation	ACS	<a href="https://www.youtube.com/watch?v=UznnkHMisIk">https://www.youtube.com/watch?v=UznnkHMisIk</a>
23	II	Transient response of second order systems	CSE	<a href="https://www.youtube.com/watch?v=RJaQkFE3HQA">https://www.youtube.com/watch?v=RJaQkFE3HQA</a>
24	II	Mason's gain formula	CSE	<a href="https://www.youtube.com/watch?v=au7rDksP5nQ">https://www.youtube.com/watch?v=au7rDksP5nQ</a>

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13/1/2021

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# Quiz Summary

Section Filter ▾

Student Analysis

Item Analysis

Average Score

**52%**

High Score

95%

Low Score

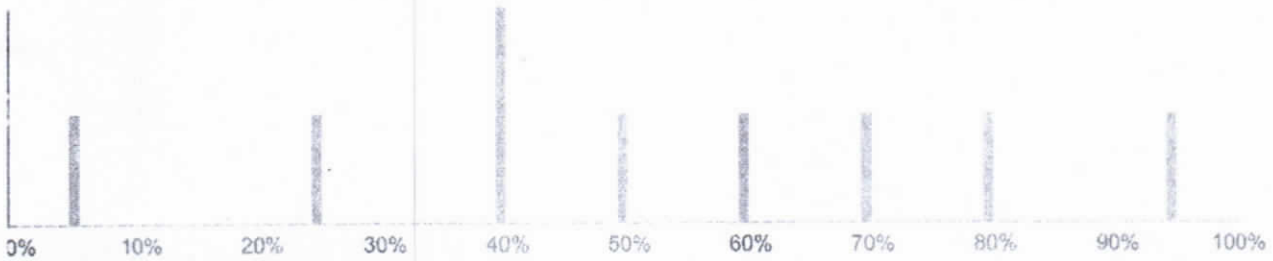
5%

Standard Deviation

5.27

Average Time

15:55:37



# Question Breakdown

Attempts: 9 out of 9

1. Decoder with enable input is called as \_\_\_\_\_

**+0.42**

Discrimination Index ?

demultiplexer	2 respondents	22 %
multiplexer		0 %
Encoder	7 respondents	78 %
none		0 %

✓  
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 near Venkayapalli, KURNOOL-518 002

22%  
answered  
correctly

Attempts: 8 out of 9

2.The sum of two binary bits with previous carry is said to be \_\_\_\_

**+0.3**

Discrimination  
Index (?)

<b>Full adder</b>	7 respondents	<b>78 %</b>	✓
Half adder		0 %	
both a & b	1 respondent	11 %	
either a or b		0 %	
No Answer	1 respondent	11 %	

78%  
answered  
correctly

Attempts: 9 out of 9

3.A combinational logic gate composed of OR and NOT gate is \_\_

**+0.83**

Discrimination  
Index (?)

<b>NOR</b>	4 respondents	<b>44 %</b>
NAND	2 respondents	22 %
XOR	2 respondents	22 %

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XNOR 1 respondent

11 %

44%  
answered  
correctly

Attempts: 9 out of 9

4.A full subtractor can be implemented by using two half subtractions.

**-0.27**

Discrimination  
Index ?

**True** 7 respondents

78 %

✓78%

**False** 2 respondents

22 %

answered  
correctly

Attempts: 8 out of 9

5.Data Selector is also called as \_\_\_\_\_

**+0.27**

Discrimination  
Index ?

**multiplexer** 3 respondents

33 %

✓

**Encoder** 2 respondents

22 %

**demultiplexer**

0 %

**NONE** 3 respondents

33 %

**No Answer** 1 respondent

11 %

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Search for assignment

+Group

+ Assignment (<https://canvas.instructure.com/courses/1892770/assignments/new>)

⋮

⋮ ▾ Assignments		+ ⋮
⋮	<b>M JYOTHIRMAI</b> ( <a href="https://canvas.instructure.com/courses/1892770/assignments/14164433">https://canvas.instructure.com/courses/1892770/assignments/14164433</a> ) Due 2 Apr 2020 at 23:59   -/100 pts	✓ ⋮
⋮	<b>assignment</b> ( <a href="https://canvas.instructure.com/courses/1892770/assignments/14327866">https://canvas.instructure.com/courses/1892770/assignments/14327866</a> ) -/100 pts	✓ ⋮
⋮	<b>unit test 1</b> ( <a href="https://canvas.instructure.com/courses/1892770/assignments/14559012">https://canvas.instructure.com/courses/1892770/assignments/14559012</a> ) -/100 pts	✓ ⋮

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Search...



Student name	unit test 1 <small>(https://canvas.instructure.com/out_of_100)</small>	assignment <small>(https://canvas.instructure.com/out_of_100)</small>	M JYOTHIRMAI <small>(https://canvas.instructure.com/out_of_100)</small> MANUAL
<a href="#">ace.haviya1@gmail...</a>	100	-	
<a href="#">anjana163t1a0473...</a>	100	-	
<a href="#">arshiya121199@gm...</a>	100	-	
<a href="#">bniharika407@gmai...</a>	100	-	
<a href="#">sharithaanukali123...</a>	100		
<a href="#">chitralavasavi007@...</a>	100	-	
<a href="#">eshwarammalakka...</a>	100		
<a href="#">fathimullahathiya41...</a>	100	-	
<a href="#">fmsaleela418@gma...</a>	100	-	
<a href="#">gundanavya423@g...</a>	100	-	
<a href="#">jabeenakausar406...</a>	100		X
<a href="#">k.sirisha442@gmail...</a>	100		
<a href="#">kaipagouthami@g...</a>	100	-	X
<a href="#">ommeharshitha@...</a>	100		X
<a href="#">krishnasreekarana...</a>	100		
<a href="#">madhurim550@gm...</a>	100		X
<a href="#">manasabutta409@g...</a>	100	-	
<a href="#">mereddybhavana34...</a>	100	-	
<a href="#">msarithareddy03@...</a>	100		X
<a href="#">nandyalajyothi460...</a>	100		

*KUSHNA*  
13/19/21

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## ACADEMIC YEAR – 2020 – 2021

### LIST OF ICT TOOLS

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.No	Class	Topic Delivered using ICT	Subject	ICT Resource
1	IV	Block cipher modes of operation	Information Security	PPT
2	II	Inheritance	OOP (JAVA)	PPT
3	III	Data Flow Analysis	CD	<a href="http://nptel.ac.in/courses/106108052/27">http://nptel.ac.in/courses/106108052/27</a>
4	IV	Android Developing Environment	MC	<a href="http://nptel.ac.in/courses/106106147/10">http://nptel.ac.in/courses/106106147/10</a>
5	III	Taxonomy Of Bugs	Software Testing	<a href="https://youtu.be/tWEMRikSyZs">https://youtu.be/tWEMRikSyZs</a>
6	IV	OLAP Technology for Data Mining	DWDM	<a href="https://youtu.be/g9gj8lhhguvw">https://youtu.be/g9gj8lhhguvw</a>
7	III	State Chart Diagram	OOAD	<a href="https://youtu.be/YnFJ3ZNx0Nk">https://youtu.be/YnFJ3ZNx0Nk</a>
8	II	Turing Machine	Python Programming	<a href="http://nptel.ac.in/courses/106104148/26">http://nptel.ac.in/courses/106104148/26</a>
9	IV	Design Pattern Relationship	Software Architecture & Design Patterns	PPT
10	III	DNS	Computer Networks	PPT
11	IV	RSA Algorithm	CNS	<a href="http://nptel.ac.in/courses/106105031/28">http://nptel.ac.in/courses/106105031/28</a>
12	II	Overview of a Database Management System	DBMS	<a href="http://nptel.ac.in/courses/106106095/1">http://nptel.ac.in/courses/106106095/1</a>
13	III	Construct dynamic WebPages using DHTML	WT	PPT
14	IV	Path Instrumentization	ST	<a href="http://youtu.be/fMQ0Oh61K2c">http://youtu.be/fMQ0Oh61K2c</a>
15	III	Agile development	Software Engineering	<a href="http://nptel.ac.in/courses/106101061/26">http://nptel.ac.in/courses/106101061/26</a>
16	II	DLL	Data Structures	<a href="http://nptel.ac.in/courses/106106130/7">http://nptel.ac.in/courses/106106130/7</a>
17	II	Graphs	Discrete Mathematics	PPT
18	III	Hadoop file sys	BDT	<a href="https://youtu.be/GJYEsEEfjvk">https://youtu.be/GJYEsEEfjvk</a>
19	IV	Introduction to Android studio	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/6">http://nptel.ac.in/courses/106106147/6</a>
20	IV	Modelling Timing Constraints	RTS	<a href="http://nptel.ac.in/courses/106105036/4">http://nptel.ac.in/courses/106105036/4</a>






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21	III	Operating system structure	OPERATING SYSTEMS	<a href="http://nptel.ac.in/courses/106106144/2">http://nptel.ac.in/courses/106106144/2</a>
22	II	FLIP FLOPS	CO	<a href="https://youtu.be/68djlnc5jec">https://youtu.be/68djlnc5jec</a>
23	IV	COMPONENTS OF PATTERN RECOGNITION	PATTERN RECOGNITION	<a href="https://youtu.be/_JSwIRWaY8">https://youtu.be/_JSwIRWaY8</a>
24	II	Turing Machine	FLAT	<a href="http://nptel.ac.in/courses/106104148/26">http://nptel.ac.in/courses/106104148/26</a>
25	III	Kernel data Structures	OS	<a href="https://youtu.be/fUg2jFXSsHE">https://youtu.be/fUg2jFXSsHE</a>
26	IV	DNS	Computer Networks and Security	<a href="https://youtu.be/AvvkvKJ2Jas">https://youtu.be/AvvkvKJ2Jas</a>
27	III	Unix commands	Unix and Shell Programming	<a href="https://youtu.be/E002zP3E25M">https://youtu.be/E002zP3E25M</a>
28	II	DMA	Computer organization	PPT
29	III	Agile development	Software Engineering	<a href="http://nptel.ac.in/courses/106101061/26">http://nptel.ac.in/courses/106101061/26</a>
30	IV	IP V6& V4	Internetworking with TCP/IP	<a href="https://youtu.be/FsieCc0SWn0">https://youtu.be/FsieCc0SWn0</a>
31	IV	Slicing, Methods	PYTHON	<a href="https://youtu.be/WWso6gVuKpI">https://youtu.be/WWso6gVuKpI</a>
32	III	FLOW GRAPHS AND PATH TESTING	STM	<a href="https://youtu.be/D96aTopM1T4">https://youtu.be/D96aTopM1T4</a>
33	III	System Modelling Concepts	SE	<a href="http://nptel.ac.in/courses/106101061/8">http://nptel.ac.in/courses/106101061/8</a>
34	IV	Android Developing Environment	MC	<a href="http://nptel.ac.in/courses/106106147/10">http://nptel.ac.in/courses/106106147/10</a>
35	II	Algebraic Structures	Discrete Mathematics	<a href="http://nptel.ac.in/courses/106106094/35">http://nptel.ac.in/courses/106106094/35</a>
36	II	The Binomial Theorem	Discrete Mathematics	<a href="https://youtu.be/pQbPhZbpM10">https://youtu.be/pQbPhZbpM10</a>
37	II	NP completeness	Design And Analysis of Algorithms	<a href="http://nptel.ac.in/courses/106101060/26">http://nptel.ac.in/courses/106101060/26</a>

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**Academic Year: 2019-20**  
**DEPARTMENT OF CSE**

**Teachers Using ICT**

S.No	Name Of The Teacher	Class	Topic Delivered using ICT	Subject	ICT tools used
1	K Mahesh Babu	IV CSE A & B	J2ME Architecture	Mobile Application Development	PPT
2	K Mahesh Babu	II CSE A & B	INHERITANCE	OOP (JAVA)	PPT
3	P Ragha Vardhani	III CSE A & B	Data Flow Analysis	CD	<a href="http://nptel.ac.in/courses/106108052/27">http://nptel.ac.in/courses/106108052/27</a>
4	B Ravi	IV CSE A & B	Android Developing Environment	MC	<a href="http://nptel.ac.in/courses/106106147/10">http://nptel.ac.in/courses/106106147/10</a>
5	Y. Indira Priyadarshini	III CSE A & B	Transaction flow testing	Software Testing	PPT
6	K Vijay Kumar	III CSE A & B	OLAP Technology for Data Mining	DWDM	PPT
7	S Nuzhath Pasha	III CSE A & B	State Machine Diagram	OOAD	<a href="https://youtu.be/YnFJ3ZNx0Nk">https://youtu.be/YnFJ3ZNx0Nk</a>
8	K Vinod Kumar Reddy	II CSE A & B	Turing Machine	FLAT	<a href="http://nptel.ac.in/courses/106104148/26">http://nptel.ac.in/courses/106104148/26</a>
9	S Aslam Shareef	IV CSE A & B	Behavioral Patterns	Software Architecture & Design Patterns	PPT
10	Y.Indira Priyadarshini	III CSE A & B	Path Testing	Software Testing	PPT
11	B Naresh Achari	IV CSE A & B	RSA Algorithm	CNS	<a href="http://nptel.ac.in/courses/106105031/28">http://nptel.ac.in/courses/106105031/28</a>
12	P Prathusha	II CSE A & B	Overview of a Database Management System	DBMS	<a href="http://nptel.ac.in/courses/106106095/1">http://nptel.ac.in/courses/106106095/1</a>
13	M Kiranmai	III CSE A & B	SERVLET LIFECYCLE	WT	PPT
14	G Fayaz Hussain	IV CSE A & B	taxonomy of bugs	SPM	PPT
15	G Fayaz Hussain	III CSE A & B	Agile development	Software Engineering	<a href="http://nptel.ac.in/courses/106101061/26">http://nptel.ac.in/courses/106101061/26</a>
16	K. Nageswari	II CSE A & B	DLL	Data Structures	<a href="http://nptel.ac.in/courses/106106130/7">http://nptel.ac.in/courses/106106130/7</a>
17	M Anantha Lakshmi	II CSE A & B	Graphs	Discrete Mathematics	PPT
18	S Amulya	III CSE A & B	HADOOP FILE SYS	BDT	PPT
19	K Mahesh Babu	IV CSE A & B	Introduction to Android studio	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/6">http://nptel.ac.in/courses/106106147/6</a>
20	K Shouryadar	IV CSE A & B	Modeling Timing Constraints	RTS	<a href="http://nptel.ac.in/courses/106105036/4">http://nptel.ac.in/courses/106105036/4</a>
21	M Kiranmayee	III CSE A & B	Operating system structure	OPERATING SYSTEMS	<a href="http://nptel.ac.in/courses/106106144/2">http://nptel.ac.in/courses/106106144/2</a>
22	P Prathusha	II CSE A & B	Index Structures	DBMS	PPT
23	K Shouryadar	IV CSE A & B	Characteristics of RTS	Real Time Systems	PPT
24	K Vinod Kumar Reddy	II CSE A & B	Turing Machine	FLAT	<a href="http://nptel.ac.in/courses/106104148/26">http://nptel.ac.in/courses/106104148/26</a>
25	M Kiranmayee	III CSE	Kernel data Structures	OS	<a href="https://youtu.be/rUg2jFXSsHE">https://youtu.be/rUg2jFXSsHE</a>



		A & B			
26	G Fayaz Hussain	IV CSE A & B	FTP,SMTP	Computer Networks and Security	<a href="http://nptel.ac.in/courses/106105081/39">http://nptel.ac.in/courses/106105081/39</a>
27	S Nuzhath Pasha	III CSE A & B	Unix structure	Unix and Shell Programming	PPT
28	P Surendra	II CSE A & B	DMA	Computer organization	PPT
29	G Fayaz Hussain	III CSE A & B	Agile development	Software Engineering	<a href="http://nptel.ac.in/courses/106101061/26">http://nptel.ac.in/courses/106101061/26</a>
30	G Fayaz Hussain	IV CSE A & B	UDP	Internetworking with TCP/IP	<a href="https://youtu.be/XIEhqcL5Lo">https://youtu.be/XIEhqcL5Lo</a>
31	M Kiranmayee	III CSE A & B	Deadlocks	OPERATING SYSTEMS	<a href="http://nptel.ac.in/courses/106106144/32">http://nptel.ac.in/courses/106106144/32</a>
32	K Vinod Kumar	II CSE A & B	Slicing, Methods	PYTHON	<a href="https://youtu.be/WWso6gVuKpl">https://youtu.be/WWso6gVuKpl</a>
33	Y.Indira Priyadarshini	III CSE A & B	FLOGRAPHS AND PATH TESTING	ST	PPT
34	S Aslam Shareef	IV CSE A & B	architecture of Vector Super computers	Advanced Computer Architecture	PPT
35	K Mahesh Babu	IV CSE A & B	Screen Designing	HCI	PPT
36	G Fayaz Hussain	III CSE A & B	System Modeling Concepts	SE	<a href="http://nptel.ac.in/courses/106101061/8">http://nptel.ac.in/courses/106101061/8</a>
37	B Ravi	IV CSE A & B	Android Developing Environment	MC	<a href="http://nptel.ac.in/courses/106106147/10">http://nptel.ac.in/courses/106106147/10</a>
38	M Anantha Lakshmi	II CSE A & B	Algebraic Structures	Discrete Mathematics	<a href="http://nptel.ac.in/courses/106106094/35">http://nptel.ac.in/courses/106106094/35</a>
39	P Surendra	II CSE A & B	Hardwired Control	Computer organization	PPT
40	M Anantha Lakshmi	II CSE A & B	OLAP	DM	PPT
41	M Anantha Lakshmi	II CSE A & B	The Binomial Theorem	Discrete Mathematics	<a href="https://youtu.be/pQbPhZbpM10">https://youtu.be/pQbPhZbpM10</a>
42	S Aslam Shareef	IV CSE A & B	Structural Pattern	Software Architecture & Design Patterns	<a href="https://youtu.be/IPsSL6_7NBg">https://youtu.be/IPsSL6_7NBg</a>
43	S Amulya	III CSE A & B	HADOOP ECO ECTURSYSTEURMS	BDT	PPT
44	M Anantha Lakshmi	II CSE A & B	NP completeness	Design And Analysis of Algorithms	<a href="http://nptel.ac.in/courses/106101060/26">http://nptel.ac.in/courses/106101060/26</a>

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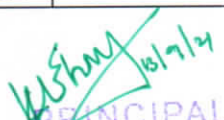
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Recognized by UGC u/s 2(f) & 12(B)  
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool - 518452.

**ACADEMIC YEAR – 2019 – 2020**

## **LIST OF ICT TOOLS**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.No	Class	Topic Delivered using ICT	Subject	ICT Resource
1	III	M-Aryay PAM	DCS	<a href="https://www.youtube.com/watch?v=YkWbfQx9yZl">https://www.youtube.com/watch?v=YkWbfQx9yZl</a>
2	III	Introduction to	DCS	<a href="https://www.youtube.com/watch?v=LYWCI2XvXrc">https://www.youtube.com/watch?v=LYWCI2XvXrc</a>
3	III	Shift Registers	DSD	<a href="https://www.youtube.com/watch?v=lecj9xmlfXM">https://www.youtube.com/watch?v=lecj9xmlfXM</a>
4	III	Multiplexers	DSD	<a href="https://www.youtube.com/watch?v=JjQNikKnxpA">https://www.youtube.com/watch?v=JjQNikKnxpA</a>
5	III	Addressing modes	MPMC	<a href="https://www.youtube.com/watch?v=vu6eLFmrwaA">https://www.youtube.com/watch?v=vu6eLFmrwaA</a>
6	III	RISC instruction	MPMC	<a href="https://www.youtube.com/watch?v=bkjqOKGQuNY">https://www.youtube.com/watch?v=bkjqOKGQuNY</a>
7	III	Design flow of VLSI circuit	VLSI	<a href="https://www.youtube.com/watch?v=7NcKhTYOMMQ">https://www.youtube.com/watch?v=7NcKhTYOMMQ</a>
8	III	Parity Generator	VLSI	<a href="https://www.youtube.com/watch?v=6EstVLjxwW8">https://www.youtube.com/watch?v=6EstVLjxwW8</a>
9	IV	Fundamentals of Embedded	Embedded Systems	<a href="https://www.youtube.com/watch?v=hELr9-7aAG8">https://www.youtube.com/watch?v=hELr9-7aAG8</a>
10	IV	ARM Architecture	Embedded	<a href="https://www.youtube.com/watch?v=4VRtujwa_b8">https://www.youtube.com/watch?v=4VRtujwa_b8</a>
11	IV	Doppler Effect	Radar	<a href="https://www.youtube.com/watch?v=fvQrBtRCH8I">https://www.youtube.com/watch?v=fvQrBtRCH8I</a>
12	IV	Overview of	Radar	<a href="https://www.youtube.com/watch?v=HYAyfBCKV4Y">https://www.youtube.com/watch?v=HYAyfBCKV4Y</a>
13	IV	Dyadic Multi-resolution Analysis	Advanced Digital Signal Processing-	<a href="https://www.youtube.com/watch?v=ToHnKlUvIk">https://www.youtube.com/watch?v=ToHnKlUvIk</a>
14	IV	Haar Wavelet	Advanced Digital Signal Processing-	<a href="https://www.youtube.com/watch?v=HEUhSbD4P5c">https://www.youtube.com/watch?v=HEUhSbD4P5c</a>
15	IV	RF system basic	RFIC	<a href="https://www.youtube.com/watch?v=KUDGGsyh1Hs">https://www.youtube.com/watch?v=KUDGGsyh1Hs</a>
16	IV	Phase locked loop	RFIC	<a href="https://www.youtube.com/watch?v=XNWY857rdQo">https://www.youtube.com/watch?v=XNWY857rdQo</a>
17	II	Distribution & Density Function	PTSP	<a href="https://www.youtube.com/watch?v=EbxKvA009J4">https://www.youtube.com/watch?v=EbxKvA009J4</a>
18	II	Central Limit	PTSP	<a href="https://www.youtube.com/watch?v=6IODTEWWV70">https://www.youtube.com/watch?v=6IODTEWWV70</a>
19	II	Inverse Z-	SS	<a href="https://www.youtube.com/watch?v=Uc5SFRp6ex0">https://www.youtube.com/watch?v=Uc5SFRp6ex0</a>
20	II	Discrete time	SS	<a href="https://www.youtube.com/watch?v=Q8wuqYsdnSs">https://www.youtube.com/watch?v=Q8wuqYsdnSs</a>
21	II	RC coupled	ECA	<a href="https://www.youtube.com/watch?v=BSR26SU3R2U">https://www.youtube.com/watch?v=BSR26SU3R2U</a>
22	II	Large Signal	ECA	<a href="https://www.youtube.com/watch?v=qjWJXOKTegY">https://www.youtube.com/watch?v=qjWJXOKTegY</a>
23	II	Step- Impulse	CSE	<a href="https://www.youtube.com/watch?v=Ar48Stzr8E">https://www.youtube.com/watch?v=Ar48Stzr8E</a>
24	II	Transition Matrix and it's Properties	CSE	<a href="https://www.youtube.com/watch?v=4yb-Qdd6gzY">https://www.youtube.com/watch?v=4yb-Qdd6gzY</a>

  
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**ACADEMIC YEAR – 2018 – 2019**

**LIST OF ICT TOOLS**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

S.No	Class	Topic Delivered using ICT	Subject	ICT resource
1	III	Class diagram	OOAD	<a href="https://youtu.be/UI6lqHOVHic">https://youtu.be/UI6lqHOVHic</a>
2	I	Stacks	Data structures	<a href="https://youtu.be/g1USSZVWDsY">https://youtu.be/g1USSZVWDsY</a>
3	II	8086 Architecture	MPMC	PPT
4	IV	Introduction to Android studio	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/6">http://nptel.ac.in/courses/106106147/6</a>
5	III	HDLC	Computer Networks	PPT
6	II	Algebraic Structures	Discrete Mathematics	<a href="http://nptel.ac.in/courses/106106094/35">http://nptel.ac.in/courses/106106094/35</a>
7	IV	J2ME best practices, patterns	Mobile Application Development	PPT
8	III	PPP	Computer Networks	PPT
9	II	Lock Protocols	Database Management systems	<a href="https://youtu.be/a74V14OnDvw">https://youtu.be/a74V14OnDvw</a>
10	I	Quick sort	Data structures	<a href="https://youtu.be/gtWw_8VvHjk">https://youtu.be/gtWw_8VvHjk</a>
11	IV	Control structures	PHYTHON	<a href="http://nptel.ac.in/courses/115104095/4">http://nptel.ac.in/courses/115104095/4</a>
12	II	Hardwired Control	Computer organization	PPT
13	III	DHTML	WT	<a href="https://youtu.be/HTFSIJALNKc">https://youtu.be/HTFSIJALNKc</a>
14	IV	IPV6	Mobile Computing	<a href="https://youtu.be/FRTOI_Hii0">https://youtu.be/FRTOI_Hii0</a>
15	III	Advanced Features	OOAD	PPT
16	II	Inheritance	OOP (JAVA)	PPT
17	III	Sequence Diagram	OOAD	<a href="https://youtu.be/pCK6prSq8aw">https://youtu.be/pCK6prSq8aw</a>
18	IV	HTTP,SHTTP	Computer Networks and Security	<a href="http://nptel.ac.in/courses/106105081/40">http://nptel.ac.in/courses/106105081/40</a>
19	III	Transaction flow testing	Software Testing	PPT
21	IV	Python packages	PYTHON	PPT
22	III	Run Time Environments	CD	<a href="http://nptel.ac.in/courses/106108113/21">http://nptel.ac.in/courses/106108113/21</a>
23	IV	Dynamic SQL	Mobile Application Development	PPT

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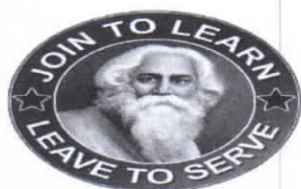
S.No	Class	Topic Delivered using ICT	Subject	ICT resource
24	III	Agile development	Software Engineering	<a href="http://nptel.ac.in/courses/106101061/26">http://nptel.ac.in/courses/106101061/26</a>
25	II	DFA Minimization	FLAT	<a href="http://nptel.ac.in/courses/106104148/14">http://nptel.ac.in/courses/106104148/14</a>
26	IV	J2ME Overview	Mobile Application Development	PPT
27	III	FLOWGRAPHS AND PATH TESTING	STM	PPT
28	II	DMA	Computer organization	PPT
29	III	Phases of a compiler	CD	<a href="http://nptel.ac.in/courses/106108113/1">http://nptel.ac.in/courses/106108113/1</a>
30	IV	Security and System Permissions	MC	<a href="http://nptel.ac.in/courses/106106147/30">http://nptel.ac.in/courses/106106147/30</a>
31	II	Concurrency control	Database Management systems	<a href="https://nptel.ac.in/courses/106/105/106105175/">https://nptel.ac.in/courses/106/105/106105175/</a>
32	I	AVL trees	Data structures	<a href="https://youtu.be/FNeL18KsWPc">https://youtu.be/FNeL18KsWPc</a>
33	III	Component Diagram	OOAD	PPT
34	III	Hadoop eco ectursysteurnms	BDT	PPT
35	IV	Fragments-Advanced Example	MC	<a href="http://nptel.ac.in/courses/106106147/26">http://nptel.ac.in/courses/106106147/26</a>
36	II	Graphs	Discrete Mathematics	PPT
37	I	Introduction to hash tables	Data structures	<a href="https://youtu.be/shs0KM3wKv8">https://youtu.be/shs0KM3wKv8</a>
38	IV	architecture of Vector Super computers	Advanced Computer Architecture	PPT
39	III	IPV4 Addresses.	CN	<a href="http://nptel.ac.in/courses/106105081/28">http://nptel.ac.in/courses/106105081/28</a>
40	IV	Basic java	Mobile Application Development	<a href="https://youtu.be/Bz0aw4_K8oc?list=PL49hKkxjHVqHilv8CUB-p9gMPFZtfqZTN">https://youtu.be/Bz0aw4_K8oc?list=PL49hKkxjHVqHilv8CUB-p9gMPFZtfqZTN</a>
41	IV	Behavioural Patterns	Software Architecture & Design Patterns	PPT
42	III	USE CASE DIAGRAMS	OOAD	PPT
43	IV	Android Development Environment	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/10">http://nptel.ac.in/courses/106106147/10</a>
44	II	NORMAL FORMS	Database Management Systems	<a href="http://nptel.ac.in/courses/106106093/9">http://nptel.ac.in/courses/106106093/9</a>

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**ACADEMIC YEAR – 2018 – 2019**

**LIST OF ICT TOOLS**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

S.No	Class	Topic Delivered using ICT	Subject	ICT resource
1	III	Differential amplifier	LICA	<a href="https://www.youtube.com/watch?v=LjGB9oj3WIQ">https://www.youtube.com/watch?v=LjGB9oj3WIQ</a>
2	III	Tow-Thomas biquad filter	LICA	<a href="https://www.youtube.com/watch?v=luWwG8-B4Pg">https://www.youtube.com/watch?v=luWwG8-B4Pg</a>
3	III	Dipole, loop, monopole antenna's introduction	AWP	<a href="https://www.youtube.com/watch?v=wx_tIvaajAI">https://www.youtube.com/watch?v=wx_tIvaajAI</a>
4	III	Antenna measurements	AWP	<a href="https://www.youtube.com/watch?v=TFYObg9PpgU">https://www.youtube.com/watch?v=TFYObg9PpgU</a>
5	III	8086 Microprocessor	MPMC	<a href="https://www.youtube.com/watch?v=GapjjO_8Kuk">https://www.youtube.com/watch?v=GapjjO_8Kuk</a>
6	III	Protocols (I2c, SPI, UART)	MPMC	<a href="https://www.youtube.com/watch?v=U5CDf4TNARE">https://www.youtube.com/watch?v=U5CDf4TNARE</a>
7	III	MOS Transistor	VLSI	<a href="https://www.youtube.com/watch?v=WBa2Fw5-yU4">https://www.youtube.com/watch?v=WBa2Fw5-yU4</a>
8	III	NMOS Inverter and CMOS Inverter	VLSI	<a href="https://www.youtube.com/watch?v=zNqmohJHDwc">https://www.youtube.com/watch?v=zNqmohJHDwc</a>
9	IV	Embedded Hardware	Embedded Systems	<a href="https://www.youtube.com/watch?v=C04ZthY8Yqk">https://www.youtube.com/watch?v=C04ZthY8Yqk</a>



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S.No	Classes	Topic Delivered using ICT	Subject	ICT resource
10	IV	Addressing modes & instructions	Embedded Systems	<a href="https://www.youtube.com/watch?v=vu6eLFmrwA">https://www.youtube.com/watch?v=vu6eLFmrwA</a>
11	IV	Doppler Effect	Radar Systems	<a href="https://www.youtube.com/watch?v=fvQrbtRCH8I">https://www.youtube.com/watch?v=fvQrbtRCH8I</a>
12	IV	Overview of Radar	Radar Systems	<a href="https://www.youtube.com/watch?v=HYAyfBCKV4Y">https://www.youtube.com/watch?v=HYAyfBCKV4Y</a>
13	IV	IIR Filter Design	Advanced Digital Signal Processing-Multirate & Wavelet	<a href="https://www.youtube.com/watch?v=3QWvi8ECDI">https://www.youtube.com/watch?v=3QWvi8ECDI</a>
14	IV	Conjugate Quadrature Filter Banks (CQF) and their design	Advanced Digital Signal Processing-Multirate & Wavelet	<a href="https://www.youtube.com/watch?v=3-zqF9-g7-U">https://www.youtube.com/watch?v=3-zqF9-g7-U</a>
15	IV	RF system basic architectures	RFIC	<a href="https://www.youtube.com/watch?v=KUDGGsyh1Hs">https://www.youtube.com/watch?v=KUDGGsyh1Hs</a>
16	IV	Smith Chart	RFIC	<a href="https://www.youtube.com/watch?v=VzGnb2K4RGO">https://www.youtube.com/watch?v=VzGnb2K4RGO</a>
17	II	Random Variables	PTSP	<a href="https://www.youtube.com/watch?v=zujeySyREcQ4">https://www.youtube.com/watch?v=zujeySyREcQ4</a>
18	II	Joint Distribution Function	PTSP	<a href="https://www.youtube.com/watch?v=S_Zx-g8FU0w">https://www.youtube.com/watch?v=S_Zx-g8FU0w</a>
19	II	Dirac delta Function	SS	<a href="https://www.youtube.com/watch?v=B0udyDBeXMw">https://www.youtube.com/watch?v=B0udyDBeXMw</a>
20	II	Fourier Series	SS	<a href="https://www.youtube.com/watch?v=U8riFeiu3s">https://www.youtube.com/watch?v=U8riFeiu3s</a>

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S.No	Class	Topic Delivered using ICT	Subject	ICT resource
20	II	Fourier Series	SS	<a href="https://www.youtube.com/watch?v=U8riFeiiu3s">https://www.youtube.com/watch?v=U8riFeiiu3s</a>
21	II	Shannon's encoding algorithm	ACS	<a href="https://www.youtube.com/watch?v=utRt_XCi1Hg">https://www.youtube.com/watch?v=utRt_XCi1Hg</a>
22	II	Vestigial sideband (VSB) modulator	ACS	<a href="https://www.youtube.com/watch?v=KC8kh5Falc0">https://www.youtube.com/watch?v=KC8kh5Falc0</a>
23	II	stability – Routh's stability criterion	CSE	<a href="https://www.youtube.com/watch?v=cJRIUGDtS-0">https://www.youtube.com/watch?v=cJRIUGDtS-0</a>
24	II	Nyquist Plots	CSE	<a href="https://www.youtube.com/watch?v=8Rwiv13O4L4">https://www.youtube.com/watch?v=8Rwiv13O4L4</a>

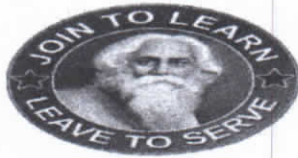
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**ACADEMIC YEAR 2018 – 2019**

## LIST OF ICT TOOLS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Class	Topic Delivered using ICT	Subject	ICT resource
1	III	Active Filters And Oscillators	Linear And Digital IC Applications	<a href="https://www.youtube.com/XzHLQt0H66Q">https://www.youtube.com/XzHLQt0H66Q</a>
2	III	Micro Processors and Micro controllers	Micro Processors and Micro controllers	<a href="https://www.youtube.com/liRPtvj7bFU">https://www.youtube.com/liRPtvj7bFU</a>
3	II	Magneto statics	Electromagnetic Fields	<a href="https://www.youtube.com/Y6ngDf_f-04">https://www.youtube.com/Y6ngDf_f-04</a>
4	II	BJT	Electronic Devices & Circuit	<a href="https://www.youtube.com/CZIMt2Ta68I">https://www.youtube.com/CZIMt2Ta68I</a>
5	IV	Digital Signal Processing	Digital Signal Processing	<a href="https://youtu.be/yrtWL90OAFg">https://youtu.be/yrtWL90OAFg</a>
6	IV	Embedded Systems	Embedded Systems	<a href="https://www.youtube.com/y9RAhEflfJs">https://www.youtube.com/y9RAhEflfJs</a>
7	IV	Concentrating Collectors & Solar Collectors	Energy Resources & Technology	<a href="https://www.youtube.com/3s0sUiCaxuQ">https://www.youtube.com/3s0sUiCaxuQ</a>
8	IV	Design Cycle in the Development Phase	Embedded Systems	<a href="https://www.youtube.com/3s0sUiCaxuQ">https://www.youtube.com/3s0sUiCaxuQ</a>
9	IV	Methods Of Electrical Heating	Utilization Of Electrical Energy	<a href="https://youtu.be/y716ggS_Chc">https://youtu.be/y716ggS_Chc</a>
10	III	Introduction-8086 Architecture-Block Diagram,	microprocessors and microcontrollers	<a href="https://youtu.be/XX9rDGTBGgQ">https://youtu.be/XX9rDGTBGgQ</a>
11	III	Over Current Relay	power system protection	<a href="https://youtu.be/I4L9P64UGIw">https://youtu.be/I4L9P64UGIw</a>
12	III	Complimentary Symmetry Circuits	analog electronic circuits	<a href="https://www.youtube.com/WNOGAQ0ww44">https://www.youtube.com/WNOGAQ0ww44</a>
13	III	Single Phase Half and Full Bridge Inverters-Pulse	power electronics	<a href="https://youtu.be/ApYWEI4DbvY">https://youtu.be/ApYWEI4DbvY</a>
14	II	Coulomb's Law - Electric Field Intensity(EFI)	electromagnetic fields	<a href="https://youtu.be/0mGRAFYQTbM">https://youtu.be/0mGRAFYQTbM</a>

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**Academic Year: 2017-18**  
**DEPARTMENT OF CSE**

**Teachers Using ICT**

S.No	Name Of The Teacher	Class	Topic Delivered using ICT	Subject	ICT tools used
1	K Shouryadhar	IV CSE A & B	Mobile TCP	Mobile Computing	PPT
2	K Shouryadhar	IV CSE A & B	Network Protocols/Mobile IP	Mobile Computing	PPT
3	K Shouryadhar	IV CSE A & B	IPV6	Mobile Computing	<a href="https://youtu.be/FRTOI_Hii0">https://youtu.be/FRTOI_Hii0</a>
4	S Vinod Kumar	IV CSE A & B	Characteristics of RTS	Real Time Systems	PPT
5	M. Jyothi	II CSE A & B	8086 Architecture	MPMC	PPT
6	G. Fayaz Hussain	III CSE A & B	PPP	Computer Networks	<a href="https://youtu.be/kKCwkRT_U8I">https://youtu.be/kKCwkRT_U8I</a>
7	G. Fayaz Hussain	III CSE A & B	HDLC	Computer Networks	PPT
8	S Vinod Kumar Reddy	I ECE - B	Iterative Statements	Computer Programming	<a href="http://nptel.ac.in/courses/106106127/7">http://nptel.ac.in/courses/106106127/7</a>
9	G. Fayaz Hussain	II CSE A & B	Agile development	Software Engineering	<a href="http://nptel.ac.in/courses/106101061/26">http://nptel.ac.in/courses/106101061/26</a>
10	K. Mahesh Babu	IV CSE A & B	J2ME Architecture	Mobile Application Development	PPT
11	Y. Indira Priyadarshini	III CSE A & B	Path Testing	Software Testing	PPT
12	K. Mahesh Babu	IV CSE A & B	Introduction to Android studio	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/6">http://nptel.ac.in/courses/106106147/6</a>
13	K. Mahesh Babu	IV CSE A & B	Android Development Environment	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/10">http://nptel.ac.in/courses/106106147/10</a>

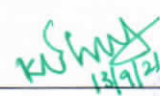
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14	Y. Narasimhulu	III CSE A & B	Unix structure	Unix and Shell Programming	PPT
15	K. Mahesh Babu	IV CSE A & B	Android user interface	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/11">http://nptel.ac.in/courses/106106147/11</a>
16	M. Anantha Lakshmi	IV CSE B	DES	Computer Networks and Security	<a href="http://nptel.ac.in/courses/106105031/11">http://nptel.ac.in/courses/106105031/11</a>
17	K Vinod Kumar Reddy	III CSE B	Class diagram	OOAD	<a href="https://youtu.be/UI6lqHOVHic">https://youtu.be/UI6lqHOVHic</a>
18	Y. Indira Priyadarshini	III CSE A & B	Transaction flow testing	Software Testing	PPT
19	K. Mahesh Babu	IV CSE A & B	Java interfaces	Mobile Application Development	<a href="http://nptel.ac.in/courses/106106147/4">http://nptel.ac.in/courses/106106147/4</a>
20	K Vinod Kumar Reddy	III CSE B	Interaction diagram	OOAD	<a href="https://youtu.be/Ba7SyM78cUM">https://youtu.be/Ba7SyM78cUM</a>
21	K. Mahesh Babu	IV CSE A & B	Basic java	Mobile Application Development	PPT
22	M. Anantha Lakshmi	IV CSE B	MAC, H-MAC	Computer Networks and Security	<a href="http://nptel.ac.in/courses/106105031/26">http://nptel.ac.in/courses/106105031/26</a>
23	K. Mahesh Babu	IV CSE A & B	Embedded SQL	Mobile Application Development	PPT
24	K. Mahesh Babu	IV CSE A & B	Dynamic SQL	Mobile Application Development	PPT
25	K Vinod Kumar Reddy	III CSE B	Sequence Diagram	OOAD	<a href="https://youtu.be/pCK6prSq8aw">https://youtu.be/pCK6prSq8aw</a>
26	K. Mahesh Babu	IV CSE A & B	J2ME best practices, patterns	Mobile Application Development	PPT
27	M. Anantha Lakshmi	IV CSE B	AES	Computer Networks and Security	<a href="http://nptel.ac.in/courses/106105031/12">http://nptel.ac.in/courses/106105031/12</a>
28	K Shouryadhar	III CSE A & B	OLAP	DM	PPT
29	T Deepa	II CSE A & B	Index Structures	DBMS	PPT
30	T Deepa	II CSE A	Concurrency control	Database Management systems	<a href="https://nptel.ac.in/courses/106/105/106105175/">https://nptel.ac.in/courses/106/105/106105175/</a>
31	K Vinod Kumar Reddy	III CSE A & B	State Machine Diagram	OOAD	<a href="https://youtu.be/YnFJ3ZNx0Nk">https://youtu.be/YnFJ3ZNx0Nk</a>

  
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32	K. Mahesh Babu	IV CSE A & B	J2ME Overview	Mobile Application Development	PPT
33	T Deepa	II CSE A & B	Lock Protocols	Database Management systems	<a href="https://youtu.be/a74V14OnDvw">https://youtu.be/a74V14OnDvw</a>
34	K. Mahesh Babu	IV CSE A & B	Midlet suite	Mobile Application Development	PPT
35	K Vinod Kumar Reddy	III CSE A & B	Component Diagram	OOAD	PPT
36	K. Vinod Kumar Reddy	II CSE A & B	Turing Machine	FLAT	<a href="http://nptel.ac.in/courses/106104148/26">http://nptel.ac.in/courses/106104148/26</a>
37	M. Anantha Lakshmi	IV CSE A & B	FTP,SMTP	Computer Networks and Security	<a href="http://nptel.ac.in/courses/106105081/39">http://nptel.ac.in/courses/106105081/39</a>
38	K Vinod Kumar Reddy	III CSE A & B	UML architecture	OOAD	PPT
39	K Shouryadhar	II CSE A & B	Graphs	Discrete Mathematics	PPT
40	K Vinod Kumar Reddy	III CSE A & B	Interaction and sequence	OOAD	<a href="https://youtu.be/9VxmcTu48LQ">https://youtu.be/9VxmcTu48LQ</a>
41	K Vinod Kumar Reddy	III CSE A & B	Advanced Features	OOAD	PPT

K. Vinod Kumar  
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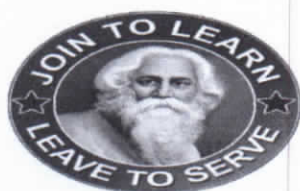
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**ACADEMIC YEAR – 2017 – 2018**

**LIST OF ICT TOOLS**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

S.No	Classes	Topic Delivered using ICT	Subject	ICT resources
1	III	Operational Amplifier	LICA	<a href="https://www.youtube.com/watch?v=cITA0pONnMs">https://www.youtube.com/watch?v=cITA0pONnMs</a>
2	III	Digital-to-Analog Converter & Analog-to-Digital Converter	LICA	<a href="https://www.youtube.com/watch?v=kMGap-0XwGs">https://www.youtube.com/watch?v=kMGap-0XwGs</a> <a href="https://www.youtube.com/watch?v=TirvWsbqBUc">https://www.youtube.com/watch?v=TirvWsbqBUc</a>
3	III	Transistor Transistor Logic (TTL)	DSD	<a href="https://www.youtube.com/watch?v=ne2WK5Vpg8k">https://www.youtube.com/watch?v=ne2WK5Vpg8k</a>
4	III	Encoders & Decoders	DSD	<a href="https://www.youtube.com/watch?v=RZQTTfU9TNA">https://www.youtube.com/watch?v=RZQTTfU9TNA</a>
5	III	Introduction on VLSI Design	VLSI	<a href="https://www.youtube.com/watch?v=9SnR3M3CIm4">https://www.youtube.com/watch?v=9SnR3M3CIm4</a>
6	III	Design of Adders	VLSI	<a href="https://www.youtube.com/watch?v=85XxQZqBNlg">https://www.youtube.com/watch?v=85XxQZqBNlg</a> <a href="https://www.youtube.com/watch?v=YBY0k5mIQy0">https://www.youtube.com/watch?v=YBY0k5mIQy0</a> <a href="https://www.youtube.com/watch?v=6E_cAf0Keng">https://www.youtube.com/watch?v=6E_cAf0Keng</a>
7	III	Introduction on Digital Signal Processing	DSP	<a href="https://www.youtube.com/watch?v=6dFnpz_AEYA&amp;list=PL9567DFCA3A66F299">https://www.youtube.com/watch?v=6dFnpz_AEYA&amp;list=PL9567DFCA3A66F299</a>
8	III	Discrete Time Signal & system	DSP	<a href="https://www.youtube.com/watch?v=8zbBJkw5KsM&amp;list=PL4FA894BD6A9586E1">https://www.youtube.com/watch?v=8zbBJkw5KsM&amp;list=PL4FA894BD6A9586E1</a>
9	IV	Introduction on Embedded Systems	Embedded Systems	<a href="https://www.youtube.com/watch?v=MkXydhCPnYM&amp;list=PLp6ek2hDcoNAXTQ7uyp68N_RpuULV-zrX&amp;index=2">https://www.youtube.com/watch?v=MkXydhCPnYM&amp;list=PLp6ek2hDcoNAXTQ7uyp68N_RpuULV-zrX&amp;index=2</a>
10	IV	Embedded System Design with ARM	Embedded Systems	<a href="https://www.youtube.com/watch?v=0xgvINDxXJI&amp;list=PLbRMhDVUMngcJu5oUhgpgYqtOn7DmSfuU">https://www.youtube.com/watch?v=0xgvINDxXJI&amp;list=PLbRMhDVUMngcJu5oUhgpgYqtOn7DmSfuU</a>
11	IV	Introduction to waveguides & rectangular waveguide	Microwave Engineering	<a href="https://www.youtube.com/watch?v=k-zeCttEYVQ">https://www.youtube.com/watch?v=k-zeCttEYVQ</a>



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S.No	Classes	Topic Delivered using ICT	Subject	ICT resources
12	IV	Introduction to Microwave Engineering	Microwave Engineering	<a href="https://www.youtube.com/watch?v=biInDg9CqRo">https://www.youtube.com/watch?v=biInDg9CqRo</a>
13	IV	Introduction to ADSP-MM	Advanced Digital Signal Processing-Multirate & Wavelet	<a href="https://www.youtube.com/watch?v=4ufeTZ6fSNY&amp;list=PLbMVogVj5nJRY7X-tMNDHPGdmfZyfHC7J">https://www.youtube.com/watch?v=4ufeTZ6fSNY&amp;list=PLbMVogVj5nJRY7X-tMNDHPGdmfZyfHC7J</a>
14	IV	Multiresolution analysis	Advanced Digital Signal Processing-Multirate & Wavelet	<a href="https://www.youtube.com/watch?v=BDa-5fCXJS4&amp;list=PLbMVogVj5nJRY7X-tMNDHPGdmfZyfHC7J&amp;index=3">https://www.youtube.com/watch?v=BDa-5fCXJS4&amp;list=PLbMVogVj5nJRY7X-tMNDHPGdmfZyfHC7J&amp;index=3</a>
15	IV	Transmission media reflection	RFIC	<a href="https://www.youtube.com/watch?v=q9k9FPh0iJI&amp;list=PLbMVogVj5nJQdGDSx243YPnNeLMBRhNE8&amp;index=2">https://www.youtube.com/watch?v=q9k9FPh0iJI&amp;list=PLbMVogVj5nJQdGDSx243YPnNeLMBRhNE8&amp;index=2</a>
16	IV	Parallel RLC tank	RFIC	<a href="https://www.youtube.com/watch?v=Nb8NHHclch4&amp;list=PLbMVogVj5nJQdGDSx243YPnNeLMBRhNE8&amp;index=5">https://www.youtube.com/watch?v=Nb8NHHclch4&amp;list=PLbMVogVj5nJQdGDSx243YPnNeLMBRhNE8&amp;index=5</a>
17	II	Mosfets	EDC	<a href="https://www.youtube.com/watch?v=MUBiC9yz2fc">https://www.youtube.com/watch?v=MUBiC9yz2fc</a>
18	II	Rectifier	EDC	<a href="https://www.youtube.com/watch?v=ofW4DZH83JQ">https://www.youtube.com/watch?v=ofW4DZH83JQ</a>
19	II	Boolean Algebra	STLD	<a href="https://www.youtube.com/watch?v=KergVtV3SxU">https://www.youtube.com/watch?v=KergVtV3SxU</a>
20	II	Latches and Flip-Flops	STLD	<a href="https://www.youtube.com/watch?v=jm0PGDSSBki">https://www.youtube.com/watch?v=jm0PGDSSBki</a>
21	II	Oscillators	ECA	<a href="https://www.youtube.com/watch?v=8iPRR6iCD8A">https://www.youtube.com/watch?v=8iPRR6iCD8A</a>
22	II	BJT & FET	ECA	<a href="https://www.youtube.com/watch?v=0C4uxtS-tlQ">https://www.youtube.com/watch?v=0C4uxtS-tlQ</a> <a href="https://www.youtube.com/watch?v=4m49vM0Ryt8">https://www.youtube.com/watch?v=4m49vM0Ryt8</a>
23	II	Biot-Savart Law	EMTL	<a href="https://www.youtube.com/watch?v=4YEQ98NUW0Y">https://www.youtube.com/watch?v=4YEQ98NUW0Y</a>
24	II	Maxwell's Equations	EMTL	<a href="https://www.youtube.com/watch?v=2WiMeh1Dxl8">https://www.youtube.com/watch?v=2WiMeh1Dxl8</a>

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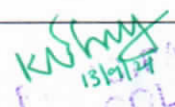
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**Academic Year: 2016-17**  
**DEPARTMENT OF CSE**

**Teachers Using ICT**

S.No	Name Of The Teacher	Class	Topic Delivered using ICT	Subject	ICT tools Used
1	K.Shouryadhar	II CSE A & B	The Binomial Theorem	Discrete Mathematics	<a href="https://youtu.be/pQbPhZbpM10">https://youtu.be/pQbPhZbpM10</a>
2	K.Shouryadhar	II CSE A & B	Algebraic Structures	Discrete Mathematics	<a href="http://nptel.ac.in/courses/106106094/35">http://nptel.ac.in/courses/106106094/35</a>
3	Dr. DHANARAJ CHEELU	III CSE A & B	Software Architecture	Software Engineering	<a href="https://nptel.ac.in/courses/106/101/106101061/">https://nptel.ac.in/courses/106/101/106101061/</a>
4	K.Mahesh Babu	III CSE A & B	DHTML	WT	<a href="https://youtu.be/HTFSIJALNKc">https://youtu.be/HTFSIJALNKc</a>
5	G.Fayaz Hussain	IV CSE A & B	Structural Pattern	Software Architecture & Design Patterns	<a href="https://youtu.be/IPsSL6_7NBg">https://youtu.be/IPsSL6_7NBg</a>
6	K.Mahesh Babu	III CSE A & B	SERVLET LIFECYCLE	WT	PPT
7	T.Deepa	II CSE A & B	Database Architecture	Database Management Systems	<a href="http://nptel.ac.in/courses/106106093/1">http://nptel.ac.in/courses/106106093/1</a>
8	T.Deepa	II CSE A & B	NORMAL FORMS	Database Management Systems	<a href="http://nptel.ac.in/courses/106106093/9">http://nptel.ac.in/courses/106106093/9</a>
9	K.Shouryadhar	III CSE A & B	HADOOP FILE SYS	BDT	PPT
10	Dr. DHANARAJ CHEELU	III CSE A & B	White-Box Testing	SOFTWARE ENGINEERING	PPT
11	Y.Narasimhulu	III CSE A & B	Operating system structure	OPERATING SYSTEMS	<a href="http://nptel.ac.in/courses/106106144/2">http://nptel.ac.in/courses/106106144/2</a>
12	Y.Narasimhulu	III CSE A & B	OS Security	OPERATING SYSTEMS	<a href="http://nptel.ac.in/courses/106106144/36">http://nptel.ac.in/courses/106106144/36</a>
13	K. Shouryadhar	III CSE A & B	HADOOP ECO ECTURSYSTEURMS	BDT	PPT

  
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14	K. Vinod Kumar Reddy	II CSE A & B	DFA Minimization	FLAT	<a href="http://nptel.ac.in/courses/106104148/14">http://nptel.ac.in/courses/106104148/14</a>
15	T. Deepa	II CSE A & B	INHERITANCE	OOP (JAVA)	PPT
16	Y.Narasimhulu	III CSE A & B	Deadlocks	OPERATING SYSTEMS	<a href="http://nptel.ac.in/courses/106106144/32">http://nptel.ac.in/courses/106106144/32</a>
17	T. Deepa	II CSE A & B	APPLETS	OOP (JAVA)	PPT
18	K. Vinod Kumar Reddy	IV CSE A & B	Slicing, Methods	PYTHON	<a href="https://youtu.be/WWso6gVuKpI">https://youtu.be/WWso6gVuKpI</a>
19	K. Vinod Kumar Reddy	II CSE A & B	Turing Machine	FLAT	<a href="http://nptel.ac.in/courses/106104148/26">http://nptel.ac.in/courses/106104148/26</a>
20	K. Vinod Kumar Reddy	IV CSE A & B	Python packages	PYTHON	PPT
21	K. Shouryadhar	IV CSE A & B	Android Developing Environment	MC	<a href="http://nptel.ac.in/courses/106106147/10">http://nptel.ac.in/courses/106106147/10</a>
22	L.Devasena	III CSE A & B	Phases of a compiler	CD	<a href="http://nptel.ac.in/courses/106108113/1">http://nptel.ac.in/courses/106108113/1</a>
23	K. Shouryadhar	IV CSE A & B	Fragments- Advanced Example	MC	<a href="http://nptel.ac.in/courses/106106147/26">http://nptel.ac.in/courses/106106147/26</a>
24	Himabindhu	II CSE A & B	Hardwired Control	Computer organization	PPT
25	K. Shouryadhar	IV CSE A & B	Security and System Permissions	MC	<a href="http://nptel.ac.in/courses/106106147/30">http://nptel.ac.in/courses/106106147/30</a>
26	G.Fayaz Hussain	IV CSE A & B	Behavioral Patterns	Software Architecture & Design Patterns	PPT
27	Himabindhu	II CSE A & B	DMA	Computer organization	PPT
28	L.Devasena	III CSE A & B	Run Time Environments	CD	<a href="http://nptel.ac.in/courses/106108113/21">http://nptel.ac.in/courses/106108113/21</a>
29	K.Mahesh Babu	III CSE A & B	Unix structure	USP	<a href="https://youtu.be/Yo9ZtDeriMc">https://youtu.be/Yo9ZtDeriMc</a>
30	R Deepti C	III	TRANSACTION	STM	PPT

	Rebeka	CSE A & B	FLOW		
31	S Vinod Kumar	IV CSE A & B	RTS Characteristics	RTS	<a href="http://nptel.ac.in/courses/106105036/2">http://nptel.ac.in/courses/106105036/2</a>
32	G. Divya Zion	III CSE A & B	USE CASE DIAGRAMS	OOAD	PPT
33	R Deepti C Rebeka	III CSE A & B	FLOGRAPHS AND PATH TESTING	STM	PPT
34	S Vinod Kumar	IV CSE A & B	Modeling Timing Constraints	RTS	<a href="http://nptel.ac.in/courses/106105036/4">http://nptel.ac.in/courses/106105036/4</a>
35	K.Mahesh Babu	III CSE A & B	Changing Positional parameters	USP	PPT
36	Prof.K. Srinivas	IV CSE A & B	OSI Security Architecture	CNS	<a href="https://youtu.be/UG26SS9pjwE">https://youtu.be/UG26SS9pjwE</a>
37	G. Divya Zion	III CSE A & B	INTERACTION DIAGRAMS	OOAD	<a href="https://youtu.be/Ba7SyM78cUM">https://youtu.be/Ba7SyM78cUM</a>
38	Prof.K. Srinivas	IV CSE A & B	RSA Algorithm	CNS	<a href="http://nptel.ac.in/courses/106105031/28">http://nptel.ac.in/courses/106105031/28</a>
39	Y. Inidira Priyadarshini	III CSE A & B	The ISO Model	CN	<a href="http://nptel.ac.in/courses/106105081/1">http://nptel.ac.in/courses/106105081/1</a>
40	R.Deepthi Crestose Rebekah	IV CSE A & B	Screen Designing	HCI	PPT
41	G. Divya Zion	IV CSE A & B	: J2ME Architecture	MAD	PPT
42	Y. Inidira Priyadarshini	III CSE A & B	IPV4 Addresses.	CN	<a href="http://nptel.ac.in/courses/106105081/28">http://nptel.ac.in/courses/106105081/28</a>
43	G. Divya Zion	IV CSE A & B	JDBC Objects	MAD	PPT
44	P. Ragavardhini	III CSE A & B	OLAP	DM	PPT
45	R.Deepthi Crestose Rebekah	IV CSE A & B	System menus	HCI	<a href="https://swayam.gov.in/nd1_noc20_cs45/...">https://swayam.gov.in/nd1_noc20_cs45/...</a>
46	P. Ragavardhini	III CSE	RULE BASED CLASSIFIER	DM	PPT



		A & B			
47	Prof.K. Srinivas	IV CSE A & B	IDS	CNS	<a href="http://nptel.ac.in/courses/106105031/40">http://nptel.ac.in/courses/106105031/40</a>

*K. Srinivas*  
13/11/21

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# RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu  
Nandikotkur Road, Pasupala Village, Venkayapalli, Kurnool - 518452, Andhra Pradesh  
(An ISO 9001:2008 Certified Institution)

19	II	Zener Diode and applications	EDC	<a href="https://www.youtube.com/watch?v=I2nrBITEVIs">https://www.youtube.com/watch?v=I2nrBITEVIs</a>
20	II	BJT biasing- methods	EDC	<a href="https://www.youtube.com/watch?v=l6M6FvjUdTI">https://www.youtube.com/watch?v=l6M6FvjUdTI</a>
21	II	Vestigial sideband (VSB) modulator	ACS	<a href="https://www.youtube.com/watch?v=KC8kh5FaIc0">https://www.youtube.com/watch?v=KC8kh5FaIc0</a>
22	II	Amplitude modulation	ACS	<a href="https://www.youtube.com/watch?v=UznnkHMisIk">https://www.youtube.com/watch?v=UznnkHMisIk</a>
23	II	Transient response of second order systems	CSE	<a href="https://www.youtube.com/watch?v=RJaQkFE3HQa">https://www.youtube.com/watch?v=RJaQkFE3HQa</a>
24	II	Mason's gain formula	CSE	<a href="https://www.youtube.com/watch?v=au7rDksP5nQ">https://www.youtube.com/watch?v=au7rDksP5nQ</a>

*K. Srinivas*  
18/12/21

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