



SAMBHRAM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
VALUE ADDED COURSES

SL NO.	ACADEMIC YEAR	COURSE NAME
1	2018-19	<ul style="list-style-type: none">• DIGITAL SYSTEMS• COMPUTER ARCHITECTURE• RF/ANTENNA FUNDAMENTALS

HG 

PRINCIPAL
Sambhram Institute of Technology
M.S. Palya, Bangalore - 560 097



SAMBHRAM INSTITUTE OF TECHNOLOGY

Amba Bhavani Temple Road, M.S.Palya, Vidyanayapura Post, Bangalore-560097.

DEPARTMENT OF ELECTRONICS & COMMUNICATION : Consolidated Details of Value Added Course (2018-19)

SLNO	USN	NAME	TOPIC	COMPANY	DURATION	FROM	TO	SIGN
1	IST15EC028	DEEPAK R	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Deepak</i>
2	IST16EC016	BISHAL CHAURASIYA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Bishal</i>
3	IST17EC001	ABHISHEK SARKAR	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Abhishek</i>
4	IST17EC002	AJAY KUMAR	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Ajay</i>
5	IST17EC003	AKSHATHA H R	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Aksh</i>
6	IST17EC004	ALIYA KOUSAR N	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Aliya</i>
7	IST17EC005	ANAND KUMAR	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Anand</i>
8	IST17EC007	APARNA P V	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Aparna</i>
9	IST17EC008	ARGHYA DEEP ROY	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Argy</i>
10	IST17EC010	ASHA RAMESH KAGAWAD	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Asha</i>
11	IST17EC011	B S NISHANTH	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Nishant</i>
12	IST17EC012	BACHASPATIMA YUM ARJUN SHARMA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Arjun</i>
13	IST17EC013	BAIBHAV PADHY	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Baibhav</i>
14	IST17EC014	BHARATH S L	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Bharath</i>
15	IST17EC016	BHUVANESHWARI M	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Bhuvan</i>
16	IST17EC018	C S CHANDANA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Chandana</i>
17	IST17EC019	CHANDANA H	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Chanda</i>
18	IST17EC020	CHARAN RAO S L	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Charan</i>
19	IST17EC021	CHEETHAN R G	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Cheethan</i>
20	IST17EC023	DHRUVA B	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Dhruva</i>
21	IST17EC024	DIVYA A	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Divya</i>
22	IST17EC025	G JAYAVARDHAN REDDY	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>G Jayavardhan</i>
23	IST17EC026	GANESH NAIDU	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Ganesh</i>
24	IST17EC027	GANESH S E	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Ganesh</i>
25	IST17EC028	GANTI SAI SAGAR	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Sagar</i>
26	IST17EC030	KARTHIK K	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	<i>Karthik</i>

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SLNO	IST17EC031	KARTIK	USN	NAME	TOPIC	COMPANY	DURATION	FROM	TO	SIGN
27	IST17EC031	KARTIK			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	
28	IST17EC033	KUNAPALLI MAHESH			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Mahesh
29	IST17EC034	LAVANYA K			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Lavanya
30	IST17EC035	MALLIKARJUN			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Arjun
31	IST17EC037	MUNIT KUMAR YADAV			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Yadav
32	IST17EC038	NAMIRATHA S			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Namiratha
33	IST17EC040	PARJATHA			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Parjatha
34	IST17EC041	POOJA V H			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Pooja
35	IST17EC042	PRASHANAT KUMAR			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prashan
36	IST17EC043	PRASHANT K S			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prashant
37	IST17EC044	PRATHAMESH N			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prathamesh
38	IST17EC045	PRIYA M			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Priya
39	IST17EC048	R HIMASWETHA			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Ramaswetha
40	IST17EC050	RAJESHWARI PATIL			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Rajeshwari
41	IST17EC051	RAKSHITHA R			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Rakshitha
42	IST17EC052	RAMYA			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Ramya
43	IST17EC053	RAMYA S H			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Ramya
44	IST17EC055	SAJAL NAYAN			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Sajal
45	IST17EC056	SANDEEP SINGH			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Sandeep
46	IST17EC057	SANJAY KUMAR S			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Sanjay
47	IST17EC058	SANJAY T S			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Sanjay
48	IST17EC059	SHAIK ZAINUDDIN			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Shaik
49	IST17EC060	SHARANYA S			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Sharanya
50	IST17EC061	SHIVAM GOYAL			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Shivam
51	IST17EC062	SHRINIVAS H MEDUR			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Shrinivas
52	IST17EC063	SNEHA PRAMANIK			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Sneha
53	IST17EC064	SNEHA S			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Sneha
54	IST17EC065	SOMA SHEKAR N			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Soma
55	IST17EC066	STANDLEY DAVID			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Standley
56	IST17EC067	SWETHA V P			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Swetha
57	IST17EC068	TEJASWINI G			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Tejaswini
58	IST17EC069	VANDHANA M K			Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Vandhana

SINO	USN	NAME	TOPIC	COMPANY	DURATION	FROM	TO	SIGN
59	IST17EC070	VASANTH KUMAR V	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	
60	IST17EC071	VIDYASHREE M	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Vidya
61	IST17EC072	VISHWAS G	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Vidya
62	IST17EC074	YENUMULA LIKITHA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Likitha
63	IST17EC077	MAMATHA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Mamatha
64	IST17EC700	BHAMINI P	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Hans
65	IST17EC701	HARISH B	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Mamatha
66	IST17EC702	MANJUNATH L	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Mamatha
67	IST17EC705	RAKESH C S	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
68	IST18EC401	DILEEP KUMAR K S	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
69	IST18EC402	NEHA KUMARI	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
70	IST15EC011	ANUPAM PRIYA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
71	IST15EC019	CLARY CHRISTION	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
72	IST15EC096	SAHIL	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
73	IST15EC116	SUNIL KUMAR R	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
74	IST15EC118	SURAKSHITHI	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
75	IST15EC127	VAISHNAVI BHAT	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
76	IST15EC711	UMESH G	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
77	IST16EC004	ANHILESH KALAL	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
78	IST16EC011	ARUN K	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
79	IST16EC024	DIVYA G	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
80	IST16EC036	JEEVAN BALAJI G V	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
81	IST16EC031	KEVIN RAJ	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
82	IST16EC042	NIDHI V KAVYA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
83	IST16EC058	SACHIN S	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
84	IST16EC067	SURAJ JHA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
85	IST16EC070	SAYED TABREZ PASHA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
86	IST17EC401	BHARATH K K	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
87	IST14EC038	DIVYA SWETA	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
88	IST15EC007	AMBARESH K N	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
89	IST15EC134	GINNAKI MAHA LAKSHMI	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady
90	IST16EC014	BHUVANESH S	Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Prady




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SLNO	USN	KISHOR CHANDRA K S	NAME	Digital Systems	COMPANY	DURATION	FROM	TO	SIGN
91	IST16EC032	KISHOR CHANDRA K S		TOPIC	Genesis	30 hours	19-02-2019	23-02-2019	
92	IST16EC404	KANCHANA A S		Digital Systems	Genesis	30 hours	19-02-2019	23-02-2019	Kanchana
1	IST14EC002	ABHISHEK N		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Abhishek N
2	IST14EC008	AKSHITH A S		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Akshith
3	IST15EC002	ABHISHEK A S		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Abhishek
4	IST15EC013	ASHIKA D		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Ashika
5	IST15EC024	CHEETHAN J		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Cheethan
6	IST15EC036	HEMANTH KUMAR C		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Hemant
7	IST15EC043	KAVYA		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Kavya
8	IST15EC053	MD ZEESHAL		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Zeeshal
9	IST15EC073	PRASHANTH C N		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Prashant
10	IST15EC103	SIREESHA L		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Sireesha
11	IST15EC114	SUMANTH B M		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Sumant
12	IST15EC120	SUSMITHA M S		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Susmita
13	IST15EC122	SYEDA ARSHIYA		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Syed
14	IST15EC129	VARUN M		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Varun
15	IST15EC132	VIVEK A		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Vivek
16	IST15EC135	VICKY M		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Vicky
17	IST15EC700	AISHWARYA R		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Aishwarya
18	IST15EC701	AJAY KUMAR H		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Ajay
19	IST15EC708	RONALD C		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Ronald
20	IST15EC709	SHARANYA S V		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Sharanya
21	IST15EC712	RAHUL RAJ		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Rahul
22	IST16EC001	ABHIGNAN L KRUPA		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Abhignan
23	IST16EC002	ABHISHEK SINGH		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Abhishek
24	IST16EC003	AGALYA PRIYA DARSINI S S		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Agalya
25	IST16EC005	ANANYA D B		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Ananya
26	IST16EC006	ANUJA B		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Anuja
27	IST16EC007	ANUSHA K T		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Anusha
28	IST16EC008	ANUSHA U		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Anusha
29	IST16EC009	ARAVIND KUMAR P		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Aravind
30	IST16EC010	ARPITHA S		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Arpitha



SLNO	USN	NAME	TOPIC	COMPANY	DURATION	FROM	TO	SIGN
31	IST16EC013	BASANAGOUDA V P	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	
32	IST16EC015	BHUVANESHWARI R	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Bhuvan</i>
33	IST16EC017	BRUNDA T M	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Brunda</i>
34	IST16EC018	CHITRANJALI TANWAR	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Chitra</i>
35	IST16EC019	DAKSHAYINI S	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Daksh</i>
36	IST16EC020	DARSHAN P	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Darshan</i>
37	IST16EC021	DEEPAK K	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Deepak</i>
38	IST16EC022	DHANUSHREE N	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Dhanu</i>
39	IST16EC023	DIMPLE SINGH S	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Dimple</i>
40	IST16EC025	GAGANA R	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Gagan</i>
41	IST16EC026	GINNAM GOWRI PRIYA	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Ginni</i>
42	IST16EC027	GIRIDHAR C GARADIMANI	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Giridhar</i>
43	IST16EC028	HARSHITHA S	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Harshi</i>
44	IST16EC029	HEMKUMAR S	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Hemk</i>
45	IST16EC034	MAHIMA G K	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Mahim</i>
46	IST16EC035	MAMATHA B	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Mamath</i>
47	IST16EC037	MEGHANA M	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Megha</i>
48	IST16EC039	MYTHRI M HEGADE	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Mythri</i>
49	IST16EC040	N LAXMI SOWMYA	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Naxmi</i>
50	IST16EC041	NAMRATHA PRAKASH	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Namra</i>
51	IST16EC043	NITHYASHREE K	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Nithya</i>
52	IST16EC044	NIVEDITHA S N	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Nivedi</i>
53	IST16EC047	PHANINDRA D	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Phanin</i>
54	IST16EC048	PRAMOD T	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Pramod</i>
55	IST16EC050	RACHANA G B	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Rachana</i>
56	IST16EC051	RACHANA S IYENGAR	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Rachana</i>
57	IST16EC052	RAHUL RAMESH	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Rahul</i>
58	IST16EC053	RANJITHA DANANJAY N	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Ranjitha</i>
59	IST16EC055	RESHMI SUSAN CHACKO	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Reshmi</i>
60	IST16EC056	REVATHI K	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Revathi</i>
61	IST16EC057	RUSHIKESH SHYAM BARVE	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Rushikesh</i>
62	IST16EC059	SAROJ KUMAR MANDAL	Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	<i>Saroj</i>

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PRINCIPAL



SLNO	IST16EC061	SHASHANK	NAME	TOPIC	COMPANY	DURATION	FROM	TO	Signature
63	IST16EC061	SHASHANK		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Shashank
64	IST16EC062	SHASHANK S		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Shashank
65	IST16EC063	SHIVAKUMAR B		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Shiva
66	IST16EC065	SRINIVAS D		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Srinivas
67	IST16EC066	SUPREETH R KALLURAYA		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Supreeth
68	IST16EC068	SUSHIL LAMSAL		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Sushil
69	IST16EC069	SWATHI S R		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Swathi
70	IST16EC071	LDAY A R		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Lday
71	IST16EC073	VEERAMMA MALLIKARJUNA ANGADI		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Angadi
72	IST16EC074	VIDHYA VIKRAMAN		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Vidya
73	IST16EC077	YASODHA		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Yasoda
74	IST16EC078	SKANDANA S PANDIT		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Skandana
75	IST16EC079	ASHWITHA R		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Ashwitha
76	IST16EC408	NISARGA D		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Nisarga
77	IST16EC700	AISHWARYA G		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Aishwarya
78	IST16EC701	ANKITHA NB		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Ankitha
79	IST16EC704	MANMOHAN M H		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Manmohan
80	IST16EC706	SHILPA H NAIK		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Shilpa
81	IST17EC400	ADARSH V		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Adarsh
82	IST17EC403	SREEKANTH		Computer architecture	Genesis	30 hours	11-03-2019	23-02-2019	Sreekanth
1	IST13EC054	JUNAID		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Junaid
2	IST15EC001	AAKANKSHA DUBEY		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Aakanksha
3	IST15EC004	ADITYA SHRIDHAR BHAT		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Aditya
4	IST15EC005	AKSHAY N DIVATE		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Akshay
5	IST15EC006	AMAR GANAPATI HEGDE		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Amar
6	IST15EC008	AMIT PRIYADARSHI		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Amit
7	IST15EC010	ANKITHA V		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Ankitha
8	IST15EC017	BANU KIRAN G R		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Banu
9	IST15EC020	CHANDANA S		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Chandana
10	IST15EC021	CHANDRIKA SINGH M		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Chandrika
11	IST15EC022	CHARAN A		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Charan



SLNO	USN	CHOODAMANI P	NAME	RF/Antenna Fundamentals	COMPANY	DURATION	FROM	TO	SIGN
12	IST15EC025	CHOODAMANI P		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	
13	IST15EC026	D MANJUNATHA REDDY		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Reddy
14	IST15EC029	DHIRENDRA KUMAR PATEL		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Patel
15	IST15EC030	DIPTEE B L		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Diptee
16	IST15EC031	DIVYA A M		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Divya
17	IST15EC034	GIRISH B O		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Girish
18	IST15EC037	JAISHREE M N		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Jai
19	IST15EC038	JANHAVI M IYENGAR		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Janavi
20	IST15EC039	K M SALONI TIWARI		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Km
21	IST15EC040	KARUNA K		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Karuna
22	IST15EC041	KAVANA SIRI M A		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Kavana
23	IST15EC043	KAVYA A		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Kavya
24	IST15EC047	KUBRA BANU		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Kubra
25	IST15EC050	LIKHITH K A		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Likhith
26	IST15EC054	MANDARA C.Y		RF/Antenna Fundamentals	Genesis	30 hours	08-04-2019	12-04-2019	Mandara

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Samhram Institute of Technology
M.S. Palya, Bangalore - 560 097



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This is to Certify that Ms./Mr. PRATHAMESH N
bearing USN 1ST17EC071 of Semester 3rd has
successfully completed the 48-hours Value-Added course on

DIGITAL SYSTEMS

from 19th FEB 2019 to 23th FEB 2019.

Akshay V Agasthya
Vice President - Learning and
Development
Genesis Training, Bengaluru

PRINCIPAL
Sambhram Institute of Technology
M.S. Palya, Bangalore - 560 097

Dr. H.G. Chandrakanth
Principal
Sambhram Institute Of
Technology



**SAMBHRAM INSTITUTE OF TECHNOLOGY
IN ASSOCIATION WITH
GENESIS TRAINING
CURRICULUM**

Course: Sensor system technology

Academic Year: 2018-19

Contents:

1. Types of Sensors

- Temperature Sensors (Thermocouples, RTDs)
- Proximity Sensors (Inductive, Capacitive, Ultrasonic)
- Accelerometers and Gyroscopes
- Optical Sensors (Photodiodes, Phototransistors)
- Chemical Sensors

2. Sensor Characteristics and Specifications

- Sensitivity, accuracy, precision
- Resolution
- Range

3. Challenges in Sensor Design and Implementation

- Environmental Effects
- Power Consumption
- Miniaturization

4. Sensor fundamentals and characteristics

- Sensor Classification, Performance and Types, Error Analysis characteristics

5. Optical Sources and Detectors

- Electronic and Optical properties of semiconductor as sensors, LED, Semiconductor lasers, Fiber optic sensors, Thermal detectors, Photo multipliers, photoconductive detectors, Photodiodes, Avalanche photodiodes, CCDs.

GENESIS TRAINING

Course: Sensor system technology

Academic year: 2018-19

Semester:

USN:

1. Change in output of sensor with change in input is _____
 - a) Threshold
 - b) Slew rate
 - c) Sensitivity
 - d) None of the mentioned
- 2.
3. Which of the following can be cause for non-zero output when zero input?
 - a) Bias
 - b) Slew
 - c) Offset
 - d) Offset or bias
4. Which of the following is NOT the application of capacitive element sensors?
 - a) Level control of liquids
 - b) Small vessel pump control
 - c) Pollution detection
 - d) Metrology applications to measure shape errors
5. Proximity sensors are used to _____.
 - a) Detect non magnetic but conductive materials
 - b) Measure strain
 - c) Measure distance
 - d) Measure temperature
6. Which of the following defines smartness of sensor?
 - a) Quality of data
 - b) Circuit size
 - c) Circuit components
 - d) All of the mentioned



6. Which network is used by a sensor?
- a) PAN and LAN
 - b) PAN and HAN
 - c) HAN and LAN
 - d) HAN, PAN, and LAN
7. In sensor systems, what does 'calibration' refer to?
- a) Installing the sensor
 - b) Adjusting the sensor to ensure accuracy
 - c) Replacing the sensor
 - d) Cleaning the sensor
8. LIDAR is a technology commonly used in autonomous vehicles. What does LIDAR stand for?
- a) Light Detection and Ranging
 - b) Laser Infrared Detection and Ranging
 - c) Light Interference Distance and Ranging
 - d) Laser Interference Distance and Ranging
9. Which type of sensor can be used to measure distance without physical contact?
- a) Capacitive sensor
 - b) Inductive sensor
 - c) Ultrasonic sensor
 - d) Pressure sensor
10. Which sensor is typically used in a smoke detector?
- a) Infrared sensor
 - b) Optical sensor
 - c) Chemical sensor
 - d) Acoustic sensor
11. What does an accelerometer measure?
- a) Temperature
 - b) Pressure
 - c) Acceleration
 - d) Humidity
12. What is the principle behind a capacitive touch sensor?
- a) Measuring light intensity
 - b) Detecting changes in electrical capacitance
 - c) Sensing temperature changes
 - d) Measuring sound waves



13. Application of Tactile sensors is _____.
- a) Elevator touch-sensitive buttons
 - b) Smart mobile phones
 - c) Cars
 - d) Both a and b
14. In LDR sensor, if the intensity of light applied is more, its resistance value becomes _____.
- a) Less
 - b) High
 - c) Zero
 - d) Infinity
15. What is the resistance value of the LDR sensor in presence of light _____.
- a) Several mega ohms
 - b) 100 ohms
 - c) 10-100ohms
 - d) 10,0000 ohms
16. What is the resistance value of the LDR sensor in absence of light _____.
- a) Several mega ohms
 - b) 100's of megaohms
 - c) 10-100ohms
 - d) 10,0000 ohms
17. What is the maximum voltage value of the LDR sensor at 0 lux?
- a) 200V
 - b) 100V
 - c) 250V
 - d) 300V
18. In _____ step of chemical sensor molecules interact selectively with receptor type molecules.
- a) Transduction
 - b) Recognition
 - c) Both a and b
 - d) None of the above
19. Which of the following are the typical kind of biometric materials used for the development of sensors?
- a) Aptamers
 - b) Molecularly imprinted polymers
 - c) Both a and b