



St. Mary's Group of Institutions Guntur

(Formerly St.Mary's Engineering College, St.Mary's P.G. Centre & St.Mary's College of Pharmacy)

(Approved by AICTE & PCI, Permitted by Govt. of A.P., Affiliated to JNTUK & SBTET)

Chebrolu (Village & Mandal), Guntur (Dt.) - 522 212, A.P., INDIA. Website : www.stmarysguntur.com
Phone : 08644-254477, 88, Mobile : 9030235630, 96667 77091, 99483 99402, 99514 28677, Fax : 040-66809093

This Document Contains

- 1) Labs of Every Department -- Experiential Learning
- 2) Projects-----Group Learning, Seminar, Experiential Learning
- 3) Video Links of Major Topics ---- ICT Enabled Learning



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CE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	GIS & CAD Lab	IV/I	R16
2	Irrigation Design & Drawing	IV/I	R16
3	Concrete Technology Lab	III/I	R16
4	Geology Lab	III/I	R16
5	Transportation Engineering Lab	III/I	R16
6	Strength of Materials Lab	II/I	R19
7	Surveying Field Work – I	II/I	R19

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Geotechnical Engineering Lab	III/II	R16
2	Environmental Engineering Lab	III/II	R16
3	Computer Aided Engineering Lab	III/II	R16
4	Engineering Geology Lab	II/II	R19
5	Transportation Engineering Lab	II/II	R19



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CSE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Software Architecture & Design Patterns Lab	IV/I	R16
2	Web Technologies Lab	IV/I	R16
3	Unified Modeling Lab	III/I	R16
4	Operating System & Linux Programming Lab	III/I	R16
5	Database Management System Lab	III/I	R16
6	Python Programming Lab	II/I	R19
7	Data Structures through C++ Lab	II/I	R19
8	Computer Engineering Workshop	I/I	R20
9	English Communication Skills Laboratory	I/I	R20
10	Applied Chemistry Lab	I/I	R20
11	Programming for Problem Solving using C Lab	I/I	R20

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Network Programming Lab	III/II	R16
2	Software Testing Lab	III/II	R16
3	Data Warehousing and Mining Lab	III/II	R16
4	Java Programming Lab	II/II	R19
5	UNIX Operating System Lab	II/II	R19
6	Database Management Systems Lab	II/II	R20
7	Applied Physics Lab	I/II	R20
8	Python Programming Lab	I/II	R20
9	Data Structures Lab	I/II	R20



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ECE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Microwave Engineering and Optical Lab	IV/I	R16
2	Digital Signal Processing	IV/I	R16
3	Pulse and Digital Circuit Lab	III/I	R16
4	L IC Applications Lab	III/I	R16
5	DICA Lab	III/I	R16
6	Electronic Devices and Circuits - Lab	II/I	R19
7	Switching Theory and Logic Design - Lab	II/I	R19

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Microprocessors and Microcontrollers Lab	III/II	R16
2	VLSI Lab	III/II	R16
3	Digital Communications Lab	III/II	R16
4	Electronic Circuit Analysis - Lab	II/II	R19
5	Analog Communications - Lab	II/II	R19



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EEE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Electrical Simulation Laboratory	IV/I	R16
2	Power Systems & Simulation Laboratory	IV/I	R16
3	Electrical Machines-II Laboratory	III/I	R16
4	Control Systems Laboratory	III/I	R16
5	Electrical Measurements Laboratory	III/I	R16
6	Thermal and Hydro Laboratory	II/I	R19
7	Electrical Circuits Laboratory	II/I	R19

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Power Electronics Laboratory	III/II	R16
2	Microprocessors & Microcontrollers Laboratory	III/II	R16
3	Data Structures Laboratory	III/II	R16
4	Electrical Machines -I Laboratory	II/II	R19
5	Electronic Devices & Circuits Laboratory	II/II	R19



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ME LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	CAD/CAM Lab	IV/I	R16
2	Mechatronics Lab	IV/I	R16
3	Theory of Machines Lab	III/I	R16
4	Machine Tools Lab	III/I	R16
5	Thermal Engineering Lab	III/I	R16
6	Metallurgy & Mechanics of Solids Lab	II/I	R19
7	Production Technology Lab	II/I	R19

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Heat Transfer Lab	III/II	R16
2	Metrology & Instrumentation Lab	III/II	R16
3	Computational Fluid Dynamics Lab	III/II	R16
4	Fluid Mechanics & Hydraulic Machines Lab	II/II	R19
5	Machine Tools Lab	II/II	R19



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ST.MARY'S GROUP OF INSTITUTIONS GUNTUR

DEPARTMENT OF CIVIL ENGINEERING A.Y(2020-21)

IV B.TECH II SEM PROJECT BATCH LIST AND TITLES

BATCH NO.	S.NO	REGD.	NAME OF THE STUDENT	GUIDE NAME	TITLE OF THE PROJECTS
BATCH 1	1	17BJ1A0101	Adaka Balaraju	B.SYAM	Advanced Earthquake Resistant Techniques
	2	17BJ1A0103	Allavasula Ashok Kumar		
	3	17BJ1A0104	Anguluri Thirupathamma		
	4	17BJ1A0107	Bhattiprolu Neelima		
	5	17BJ1A0108	Bhumpalli Veera Venkata Praveenkumar Reddy		
BATCH 2	1	17BJ1A0111	Chenuboina Sai Teja	G.SOMI REDDY	Energy dissipation devices for seismic design
	2	17BJ1A0114	Dhulipudi Nikhil		
	3	17BJ1A0116	Gaddam Murthy		
	4	17BJ1A0118	Gopalamneerajnath		
	5	17BJ1A0120	Karra Akhil		
BATCH 3	1	17BJ1A0121	Karri Sai Gowtham	G.SHARMILA	Seismic isolation devices
	2	17BJ1A0122	Kolluru Navyatha		
	3	17BJ1A0125	Kummari Gopi		
	4	17BJ1A0126	Lella Rakesh		
	5	17BJ1A0130	Modukuru Sumanth		
BATCH 4	1	17BJ1A0131	Mohammad Parvez	M.RAJA KUMARI	Analysis of Seismic Demand in different structural members
	2	17BJ1A0132	Mohammed Khizar Basha		
	3	17BJ1A0134	Kayakokula Ashok Raju		
	4	17BJ1A0136	Nali Bala Venkateswarlu		
	5	17BJ1A0137	Narasimha Dumpala		
BATCH 5	1	17BJ1A0138	Nerella Naga Teja Sai	A.V.ANJANI DEVI	Failure of foundation due to earthquake
	2	17BJ1A0140	Orsu Durgaprasad		
	3	17BJ1A0141	Orsu Srikanth		
	4	17BJ1A0142	Palaketi Venkata Krishna		
	5	17BJ1A0143	Pallapati Gopi Krishna		
BATCH 6	1	17BJ1A0144	Pandiyala Gnanavathi	SK.ISRATH ANSARI	Cost Benefit Analysis of Earthquake Resistant Structures
	2	17BJ1A0145	Perugu Sree Ram		
	3	17BJ1A0146	Rajavarapu Lakshmi Narayana		
	4	17BJ1A0147	Ravella Sai Krishna		
	5	17BJ1A0148	Ravuri Naveen		
BATCH 7	1	17BJ1A0149	Thurumella Naga Narasimham	B.SANDHYA MADHU LATHA	Confined vs Brick Masonry Buildings
	2	17BJ1A0152	Shaik Abdul Gafoor Raheem		
	3	17BJ1A0153	Shaik Amaruddin		
	4	17BJ1A0155	Sk.Bureshaida		
	5	17BJ1A0156	Shaik Mehabuba		
BATCH 8	1	17BJ1A0158	Shaik Suraj	M.GANESH	Earthquake Vibration Control Using innovative techniques
	2	17BJ1A0159	Syed Mabu Subani		
	3	17BJ1A0160	Tellabati Vijaya Sai		
	4	17BJ1A0161	Thalluri Sambasiva Rao		
	5	17BJ1A0162	Thanneru Venkat Rao		
BATCH 9	1	17BJ1A0165	Tulla Jayalakshmi	RAMARAO GURRAM	Earthquake Vibration Control Using new / innovative materials
	2	17BJ1A0166	Vadde Venkata Swamy		
	3	17BJ1A0170	Vuriti Chandrasekhar		
	4	17BJ1A0175	Koppuravuri Abhinav		
BATCH 10	5	18BJ5A0101	Andela Suvarna Raju	P.HIMA BINDU	Analysis of Building Codes
	1	18BJ5A0102	Anupalli Madan Mohan		
	2	18BJ5A0103	Battula Sai Kumar		
	3	18BJ5A0104	Bethapudi Garceswarupa		
	4	18BJ5A0105	Dandamudi Bhanu Prakash		
BATCH 11	5	18BJ5A0106	Eepuru Siddu	J.L.SAMBHAVI	Innovative use of wood and steel in concrete / brick buildings
	1	18BJ5A0107	Goturu Vasu		
	2	18BJ5A0109	Nagabushi Kirankumar Reddy		
	3	18BJ5A0111	Shaik Mohammad Arshaq		
	4	18BJ5A0112	Sidhanatham Paramesh		
	5	18BJ5A0114	Thota Sai Teja		
BATCH 12	6	18BJ5A0115	Ummidisetty Santhosh	V.TEJA SREE	Landslide stabilization
	1	18BJ5A0116	Vedala Raja Gopal Vijaya Krishna		
	2	18BJ5A0117	Vennapusa Prasanth		
	3	18BJ5A0118	Yalavarthi Naga Manikanta		
	4	18BJ5A0119	Midasala Vishnuprakash		
	5	15BJ5A0117	M SATISH BABU		



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6	17BJ1A0151	SK ABBAS	
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ST.MARYS GROUP OF INSTITUTIONS GUNTUR

DEPARTMENT OF ECE

PROJECT BATCHES 21-22

SECTION-A

S.NO	BATCH NO	STUDENT ROLL.NO	GUIDE NAME	PROJECT TITLE S.NO	PROJECT TITLE
1	1	18BJ1A0404	Dr Y.Raghava	7	EMG controlled wireless Home Automation System.
2		18BJ1A0448			
3		18BJ1A0415			
4		18BJ1A0443			
5		18BJ1A0442			
6	2	18BJ1A0412	CH Ravi Babu	18	Alexa Based Smart Home Automation system
7		18BJ1A0431			
8		18BJ1A0459			
9		18BJ1A0425			
10		18BJ1A0402			
11	3	18BJ1A0403	D.Satyanarayana	42	Home automation and security system using Telegram
12		18BJ1A0413			
13		18BJ1A0427			
14		18BJ1A0440			
15		18BJ1A0408			
16	4	18BJ1A0406	Dr G S SARMA	13	Home Security System With Image Capturing Using IOT.
17		18BJ1A0416			
18		18BJ1A0424			
19		18BJ1A0426			
20		18BJ1A0419			
21		18BJ1A0421			An Embedded System Based Audio Player With Micro Sd
22		18BJ1A0418			

23	5	18BJ1A0449	B.Lakshmi	46	An Embedded system Based Audio Player with MICRO SD Card Interface.
24		18BJ1A0458			
25		18BJ1A0433			
26	6	18BJ1A0423	D.Laxmi murthy	25	Real-time Wireless Embedded Electronics for Soldier Security.
27		18BJ1A0417			
28		18BJ1A0422			
29		18BJ1A0457			
30		18BJ1A0453			
31	7	18BJ1A0430	K.Sirisha	29	IOT Based Soldier Monitoring System.
32		18BJ1A0410			
33		18BJ1A0451			
34		18BJ1A0447			
35		18BJ1A0455			
36	8	18BJ1A0434	Dr Y.Raghava	37	A smart Helping Robot - for Hospital & Hotels.
37		18BJ1A0407			
38		18BJ1A0454			
39		18BJ1A0441			
40		18BJ1A0456			
41	9	18BJ1A0452	CH Ravi Babu	49	Vehicle Efficiency monitoring system using IOT.
42		18BJ1A0444			
43		18BJ1A0411			
44		18BJ1A0438			
45	10	18BJ1A0460	D.Satyanarayana	33	Internet Of Things-Based Prison Break Monitoring And Alert System Using Wireless Communication.
46		18BJ1A0446			
47		18BJ1A0439			
48		18BJ1A0436			
49	11	18BJ1A0405	Dr G S SARMA	2	Driver Safety Analysis with Accident Detection system
50		18BJ1A0414			

51	11	18BJ1A0401	DR G S SARMA
52		18BJ1A0435	

4

DRIVER Safety Analysis with ACCIDENT DETECTION SYSTEM

SECTION -B

53	12	18BJ1A04A3	B.Lakshmi	14	Automating Home Using NFC tags and IOT
54		18BJ1A0467			
55		18BJ1A04A6			
56		19BJ5A0420			
57		19BJ5A0431			
58	13	18BJ1A0470	D.Laxmi murthy	20	360 Degree Radar for defense Application
59		18BJ1A0476			
60		19BJ5A0409			
61		19BJ5A0403			
62		18BJ1A0493			
63	14	18BJ1A0479	K.Sirisha	44	Loco Pilot Operated Unmanned Railway Gate Control To Prevent Accidents Over Internet Of Things.
64		19BJ5A0429			
65		19BJ5A0410			
66		18BJ1A04A9			
67		18BJ1A04A7			
68	15	19BJ5A0402	Dr Y.Raghava	4	Combining Solar Energy Harvesting with Wireless Charging for Hybrid Wireless electricity Networks.
69		19BJ5A0416			
70		19BJ5A0411			
71		18BJ1A0462			
72		18BJ1A04A8			
73	16	19BJ5A0408	CH Ravi Babu	17	Face Tracker Using OpenCV and python.
74		19BJ5A0407			
75		19BJ5A0422			
76		18BJ1A04A0			
77		18BJ1A0463			
78		19BJ5A0414			Smart Village: Solar Based Smart Agriculture With IoT
79		19BJ5A0404			

80	17	19BJ5A0426	D.Satyanarayana	32	Smart Village: Solar based Smart Agriculture with IoT Enabled For Climatic Change And Fertilization Of Soil
81		18BJ1A0483			
82		18BJ1A0477			
83	18	19BJ5A0418	Dr G S SARMA	31	AI Based virtual Calculator.
84		18BJ1A04B0			
85		18BJ1A04A2			
86		18BJ1A0498			
87		18BJ1A0481			
88	19	19BJ5A0424	B.Lakshmi	8	Accident Prevention System on Hilly Areas and Deadly Zones
89		18BJ1A0495			
90		18BJ1A0469			
91		18BJ1A0491			
92		18BJ1A0484			
93	20	19BJ5A0433	D.Laxmi murthy	50	Real Time Object Measurement Image processing and python
94		18BJ1A0492			
95		18BJ1A04A4			
96		18BJ1A0465			
97		18BJ1A0496			

98	21	19BJ5A0435	K.Sirisha	26	ATM Stealing Protection and Intimation Using GSM.
99		19BJ5A0432			
100		18BJ1A0486			
101		18BJ1A0489			
102		18BJ1A0497			
103	22	18BJ1A0466	Dr Y.Raghava	36	A smart Pet tracker using IOT.
104		19BJ5A0428			
105		18BJ1A0472			
106		18BJ1A0461			
107		19BJ5A0401			
108	23	18BJ1A0471	CH Ravi Babu	38	Smart city Monitoring System using Internet of Things.
109		19BJ5A0427			
110		18BJ1A0499			
111		18BJ1A0490			
112		19BJ5A0405			
113	24	19BJ5A0425	D.Satyanarayana	10	LoRa Based Automation system.
114		18BJ1A0475			
115		19BJ5A0419			
116		18BJ1A0488			
117		19BJ5A0415			
118	25	19BJ5A0423	Dr G S SARMA	21	A real time Bluetooth Based Mobile Mouse Control Using Python and Android App.
119		18BJ1A0485			
120		18BJ1A0473			
121		19BJ5A0434			
122		19BJ5A0421			
123		18BJ1A0487			Live Human Being Detection Using NBF241 Wireless Remote
124		19BJ5A0412			

125	26	18BJ1A0474	B.Lakshmi	45	Live human being Detection using NRF241 wireless Remote Controlled Robot.
126		18BJ1A0478			
127		19BJ5A0430			
128	27	18BJ1A0494	D.Laxmi murthy	30	IOT based all terrain robot for Space Applications.
129		19BJ5A0406			
130		19BJ5A0413			
131		18BJ1A0468			

ST.MARYS GROUP OF INSTITUTIONS GUNTUR

DEPARTMENT OF ECE

PROJECT BATCHES

SECTION-A

S.NO	BATCH NO	STUDENT ROLL.NO	GUIDE NAME	PROJECT TITLE S.NO	PROJECT TITLE
1	1	18BJ1A0404			
2		18BJ1A0448			
3		18BJ1A0415			
4		18BJ1A0443			
5		18BJ1A0442			
6	2	18BJ1A0412			
7		18BJ1A0431			
8		18BJ1A0459			
9		18BJ1A0425			
10		18BJ1A0402			
11	3	18BJ1A0403			
12		18BJ1A0413			
13		18BJ1A0427			
14		18BJ1A0440			
15		18BJ1A0408			
16	4	18BJ1A0406			
17		18BJ1A0416			
18		18BJ1A0424			
19		18BJ1A0426			
20		18BJ1A0419			
21	5	18BJ1A0421			
22		18BJ1A0418			
23		18BJ1A0449			
24		18BJ1A0458			
25		18BJ1A0433			
26	6	18BJ1A0423			
27		18BJ1A0417			
28		18BJ1A0422			
29		18BJ1A0457			
30		18BJ1A0453			
31	7	18BJ1A0430			
32		18BJ1A0410			
33		18BJ1A0451			
34		18BJ1A0447			
35		18BJ1A0455			
36	8	18BJ1A0434			
37		18BJ1A0407			
38		18BJ1A0454			
39		18BJ1A0441			
40		18BJ1A0456			

41	9	18BJ1A0452			
42		18BJ1A0444			
43		18BJ1A0411			
44		18BJ1A0438			
45	10	18BJ1A0460			
46		18BJ1A0446			
47		18BJ1A0439			
48		18BJ1A0436			
49	11	18BJ1A0405			
50		18BJ1A0414			
51		18BJ1A0401			
52		18BJ1A0435			
SECTION - B					
53	12	18BJ1A04A3			
54		18BJ1A0467			
55		18BJ1A04A6			
56		19BJ5A0420			
57		19BJ5A0431			
58	13	18BJ1A0470			
59		18BJ1A0476			
60		19BJ5A0409			
61		19BJ5A0403			
62		18BJ1A0493			
63	14	18BJ1A0479			
64		19BJ5A0429			
65		19BJ5A0410			
66		18BJ1A04A9			
67		18BJ1A04A7			
68	15	19BJ5A0402			
69		19BJ5A0416			
70		19BJ5A0411			
71		18BJ1A0462			
72		18BJ1A04A8			
73	16	19BJ5A0408			
74		19BJ5A0407			
75		19BJ5A0422			
76		18BJ1A04A0			
77		18BJ1A0463			
78	17	19BJ5A0414			
79		19BJ5A0404			
80		19BJ5A0426			
81		18BJ1A0483			
82		18BJ1A0477			
83	18	19BJ5A0418			
84		18BJ1A04B0			
85		18BJ1A04A2			
86		18BJ1A0498			
87		18BJ1A0481			

88	19	19BJ5A0424			
89		18BJ1A0495			
90		18BJ1A0469			
91		18BJ1A0491			
92		18BJ1A0484			
93	20	19BJ5A0433			
94		18BJ1A0492			
95		18BJ1A04A4			
96		18BJ1A0465			
97		18BJ1A0496			
98	21	19BJ5A0435			
99		19BJ5A0432			
100		18BJ1A0486			
101		18BJ1A0489			
102		18BJ1A0497			
103	22	18BJ1A0466			
104		19BJ5A0428			
105		18BJ1A0472			
106		18BJ1A0461			
107		19BJ5A0401			
108	23	18BJ1A0471			
109		19BJ5A0427			
110		18BJ1A0499			
111		18BJ1A0490			
112		19BJ5A0405			
113	24	19BJ5A0425			
114		18BJ1A0475			
115		19BJ5A0419			
116		18BJ1A0488			
117		19BJ5A0415			
118	25	19BJ5A0423			
119		18BJ1A0485			
120		18BJ1A0473			
121		19BJ5A0434			
122		19BJ5A0421			
123	26	18BJ1A0487			
124		19BJ5A0412			
125		18BJ1A0474			
126		18BJ1A0478			
127		19BJ5A0430			
128	27	18BJ1A0494			
129		19BJ5A0406			
130		19BJ5A0413			
131		18BJ1A0468			

ST.MARYS GROUP OF INSTITUTIONS GUNTUR				
DEPARTMENT OF ECE				
PROJECT TITLE (2020-2021)				
S.NO	BATCH NO	STUDENT ROLL.NO	GUIDE NAME	PROJECT TITLE
1	1	17BJ1A0409	Dr Y.Raghava	IoT Solar Power Plant Monitoring System
2		17BJ1A0431		
3		17BJ1A0445		
4		17BJ1A0456		
5		17BJ1A0458		
6	2	17BJ1A0435	D.Satyanarayana	IoT based intelligent traffic management system
7		17BJ1A0416		
8		17BJ1A0422		
9		17BJ1A0457		
10		17BJ1A0450		
11	3	17BJ1A0439	Dr G.S.SARMA	Smart Door Camera with Facial Recognition with visitor management.
12		17BJ1A0425		
13		17BJ1A0420		
14		17BJ1A0423		
15		17BJ1A0411		
16	4	17BJ1A0448	S.NAVEEN KUMAR	Gas Level Detection and Booking
17		17BJ1A0405		
18		17BJ1A0459		
19		17BJ1A0442		
20	5	17BJ1A0417	CH .NAGA PAHNI	Water Supply Control using Raspberry pi
21		17BJ1A0443		
22		17BJ1A0460		
23		17BJ1A0415		
24	6	17BJ1A0433	B.LASKHMI	Charging Station for E-Vehicle
25		17BJ1A0434		
26		17BJ1A0455		
27		17BJ1A0404		
28	7	17BJ1A0403	E.ADI NARAYANA	An Improved Energy Efficient Clustering Protocol to Prolong the Lifetime of the WSN-Based IOT
29		17BJ1A0401		
30		17BJ1A0418		
31		17BJ1A0441		
32	8	17BJ1A0424	CH.RAVI BABU	Biometric Attendance System:
33		17BJ1A0414		
34		17BJ1A0426		
35		17BJ1A0413		
36	9	17BJ1A0432	D.L.MURTHY	Speed Control of DC Motor using Pulse Width Modulation:
37		17BJ1A0412		
38		17BJ1A0429		
39		17BJ1A0447		

B SECTION

40	10	18BJ5A0406	K.SIREESHA	5 Channel IR Remote Control System using Microcontroller:
41		18bj5a0404		
42		18BJ5A0410		
43		17BJ1A0461		
44		17BJ1A0474		
45	11	17BJ1A0471	Dr G.S.SARMA	Automatic Plant Irrigation System:
46		18BJ5A0403		
47		17BJ1A0470		
48		17BJ1A0490		
49		17BJ1A0482		
50	12	17BJ1A0472	B.LASKHMI	Simple FM Radio Jammer Circuit: T
51		17bj1A0468		
52		18BJ5A0409		
53		17BJ1A0498		
54		17BJ1A0484		
55	13	17BJ1A0477	E.ADI NARAYANA	IoT based Indoor location detection system for the smart home environment.
56		17BJ1A0464		
57		17BJ1A0488		
58		18BJ5A0412		
59	14	17BJ1A0487	CH.RAVI BABU	Solar power Environmental Air pollution and Water Quality Monitoring System.
60		17BJ1A0497		
61		17BJ1A0494		
62		17BJ1A0495		
63	15	17BJ1A0476	D.L.MURTHY	Bank Locker System using Embedded System
64		17BJ1A04A1		
65		17BJ1A0496		
66		17BJ1A0491		
67	16	18BJ5A0402	K.SIREESHA	Detection of Air Pollution in Vehicles using Embedded System
68		18BJ5A0407		
69		17BJ1A0499		
70		17BJ1A0475		
71	17	18BJ5A0401	Dr G.S.SARMA	Coal Mine System for Safety Monitoring & Alerting
72		18BJ5A0411		
73		17BJ1A0486		
74		18BJ5A0405		



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 Phone : 08644-254477, 88, Mobile : 9030235630, 96667 77091, 99483 99402, 99514 28677, Fax : 040-66809093

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DEPARTMENT OF EEE				
PROJECT TITLE (2020-2021)				
S.NO	BATCH NO	STUDENT ROLL.NO	GUIDE NAME	PROJECT TITLE
1	1	17BJ1A0201	CH.PARDHASARADHI	POWER DISTRIBUTION AT NFC EEE
2		17BJ1A0202		
3		17BJ1A0205		
4		17BJ1A0206		
5		17BJ1A0207		
6		17BJ1A0208		
7	2	17BJ1A0209	D.SEKHAR BABU	SOLAR POWER GENERATION WITH AUTO TRACKING SYSTEM
8		17BJ1A0210		
9		17BJ1A0211		
10		18BJ5A0201		
11		18BJ5A0202		
12		18BJ5A0203		
13	3	18BJ5A0204	T.IMMANIYAL	INDUSTRIAL FAULT INDICATION SYSTEM WITH OVER VOLTAGE OVER TEMPERA
14		18BJ5A0206		
15		18BJ5A0207		
16		18BJ5A0208		
17		18BJ5A0209		
18		18BJ5A0210		
19	4	18BJ5A0211	A.VENKAT KRISHNA	HEAVY ELECTRICAL INDUSTRY IN INDIA
20		18BJ5A0212		
21		18BJ5A0213		
22		18BJ5A0215		
23		18BJ5A0217		
24		18BJ5A0218		
25	5	18BJ5A0220	S.LAKSHMI PATHI	A HYBRID WIND-SOLAR ENERGY SYSTEM
26		18BJ5A0221		
27		18BJ5A0222		
28		18BJ5A0224		
29		18BJ5A0225		
30		18BJ5A0226		
31	6	18BJ5A0227	M.BHIKSHALU	INTELLIGENT SECURITY SYSTEM
32		18BJ5A0228		
33		16BJ1A0206		



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DEPARTMENT OF MECHANICAL ENGINEERING

PROJECT BATCHES AND TITLES

BATCH.NO	REGD.NO	NAME OF THE STUDENT	NAME OF THE GUIDE	PROJECT TITLE
1	18BJ5A0325	Yallamati Tharun	P RAJASEKHAR	STRUCTURAL ANALYSIS OF BRAKE DISC PLATE USING THREE DIFFERENT MATERIALS
	18BJ5A0301	Aariga Harish		
	17BJ1A0315	Kasula Vamsi Krishna		
	17BJ1A0319	Kuraku Eswar Kumar		
	17BJ1A0324	Nagul Sharif Shaik		
2	18BJ5A0312	Vallabhudasu Srinivasu	G.SUDHAKAR	DESIGN & ANALYSIS OF CONNECTING ROD WITH DIFFERENT MATERIALS
	18BJ5A0323	Bolagani S V Mahesh Babu		
	18BJ5A0307	Shaik Ismail		
	17BJ1A0302	Annam Seshu Babu		
	18BJ5A0320	Kurri Siva Nagendra Reddy		
3	18BJ5A0318	Machiboina Yaswanth Sri Kumar	T.RAJENDRA PRASAD	DESIGN OF SMALL PHOTOVOLTAIC PANELS (P V) SOLAR -POWERED WATER PUMP SYSTEM
	18BJ5A0315	Chavali Anji Babu		
	17BJ1A0339	Shaik Rahiman		
	18BJ5A0314	Yazali Sudheer Babu		
	17BJ1A0316	Kolla Chaitanya Gopi		
4	18BJ5A0322	Lokesh Kumar	K SAI KIRAN	DESIGN & ANALYSIS OF SHOCK ABSORBER
	18BJ5A0317	Kurapati Snehit Kumar		
	17BJ1A0345	Uppu Gopi		
	16BJ1A0308	CH.VENKATA MANI SAI KUMAR		
	17BJ1A0334	Shaik Althaf Hussain		
5	18BJ5A0324	Y SYAMSUNDHAR	Y SAI BABU	FATIGUE ANALYSIS AND DESIGN ANALYSIS OF DOHC ENGINE ROCKER ARM BY TAGUCHI METHOD
	18BJ5A0313	Vallepu Venu Gopal		
	17BJ1A0338	Shaik Mastanvali		
	17BJ1A0335	Shaik Gouse Basha		
	17BJ1A0318	Kshatriya Lakshmi Balasai		
6	18BJ5A0305	Malleboina Gopala Krishna	P VINOD KUMAR	DESIGN, ANALYSIS AND DEVELOPMENT OF GAS AND OIL LUBRICATED CYLINDRICAL JOURNAL BEARING FOR CENTRIFUGAL PUMP
	18BJ5A0310	Thanneeru Sai Kumar		
	18BJ5A0311	Thimmidi Sarath Chandra		
	17BJ1A0346	Velpuri Eswar		



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	17BJ1A0321	Meka Praveen Kumar		
7	18BJ5A0321	Yedakula Suresh	T.RAJENDRA PRASAD	UTILISATION OF SOLAR POWER FOR EMERGENCY LIGHTS AND TABLE FAN
	18BJ5A0304	Devarapalli Naveen		
	17BJ1A0349	Yalagala Rohith Kumar		
	17BJ1A0310	Devireddy Shisindra		
	17BJ1A0322	Modukuru Vijay		
8	17BJ1A0323	Musala Hareesh	K.HEMASUNDARARO	DESIGNSTRUCTURAL AND MODAL ANALYSIS OF MONOBLOCK IMPELLER FOR CENTRIFUGAL PUMP
	17BJ1A0304	Bandreddy Sathish		
	18BJ5A0308	Shaik Khaja Moinuddin Chishty		
	17BJ1A0336	Shaik Jakir		
9	18BJ5A0316	Gunturu Ysaswi Sivarama Varaprasad	Dr.TVSRK PRASAD	DESING AND ANALYSIS OF LEAF SPRING
	17BJ1A0308	Chepurupalli Achyuth		
	18BJ5A0306	Mandapati Hoshaiah		
	17BJ1A0342	T Shashi Kumar		
	17BJ1A0341	Syed Kutubuddin		
10	17BJ1A0314	Yalavarthi Kranthikumar	D.SHILPA	DESIGN AND ANALYSIS OF SINGLE CLUTCH PLATE MATERIAL USING STEEL MATERIAL
	17BJ1A0317	Kondaveeti Pavan Kalyan		
	17BJ1A0333	Shaik Abdul Azeez		
	17BJ1A0309	Chilumuru Prasad		
	17BJ1A0331	Puvvala Ranjith Kumar		

PROJECT BATCHES FOR CSE B.TECH 2018-2022 BATCH

SNO	BATCH	ROLL NO	NAME	PROJECT GUIDE	PROJECT TITLE	PROJECT DOC RECEIVED	FEEDBACK	SIGN
1	1	18BJ1A0566	PASUPULETI V A SRINIVASA SIVA KUMAR BABU	S S N ANJANEYULU	Intelligent Crop Recommendation System using Machine Learning			
2		18BJ1A0549	NARENDRA BABU MANDALAPU					
3		18BJ1A0555	M.REBEKAH BETTI					
4		18BJ1A0551	YASWANTH SAI MANNAVA					
5	2	18BJ1A0581	SHAIK FARHAT SULTANA	Dr.JAIDEEP G	Intelligent Technology Enhances the Friendliness of The Pharmacy			
6		18BJ1A0553	MEDABALIMI HEMA SRI					
7		18BJ1A0548	MANDALANENI AKHILA					
8		18BJ1A05B1	THURAKA SRINIVAS					
9	3	18BJ1A0516	NAGA JYOTHI GAJULA	CH AMARESH	Comparative Analysis of Machine Learning Algorithm to Forecast Indian Stock Market			
10		18BJ1A0527	JANNAVULA RAMYA					
11		18BJ1A0544	MADASANI VISHNUSAI					
12		18BJ1A0562	CHENNAMMA					
13	4	18BJ1A0524	ANVITH IMMADSETTY	NIRMALA N M V	Sentiments Detection for Amazon Product Review			
14		18BJ1A0518	GINJUPALLI NAGA SUNIL					
15		18BJ1A0543	LAGUSANI ABHINAV GOUD					
16		18BJ1A0564	PANABOINA VEERA BRAHMA					

17	5	18BJ1A0506	TEJASWINI BIRUDU	SUBHANI SHAIK	Customer Churn Analysis and Prediction Using Data Mining Models in Banking Industry			
18		18BJ1A0508	BUSAM LOHITH KUMAR					
19		18BJ1A0556	MOHAMMAD IRSHAD					
20		18BJ1A0526	JALASUTRAM SURYA NARAYANA					
21	6	18BJ1A0541	KUMMITHA SIRISHA	FIROZE P	Driver Drowsiness Monitoring using Convolutional Neural Networks			
22		18BJ1A0560	NEELAM. CHELITH NAGA VENKATA SALRAM					
23		18BJ1A0533	VENKATESWARLU KAMATHAN					
24		16BJ1A0535	G.SAMBASIVA RAO					
25	7	19BJ5A0502	ANAND KUMAR KONDURU	P LAKSHMAN	Prediction Of Thyroid Disease(Hypothyroid) In Early Stage Using Feature Selection And Classification Techniques			
26		18BJ1A0509	SESHAGIRI CHENNUPATI					
27		18BJ1A0514	DEVARAPALLI INDRA					
28		18BJ1A0520	MANIKANTA REDDY					
29	8	18BJ1A0513	DARVEMULA RAVITEJA	M VEERA KUMARI	International Stock Index Prediction Using Artificial Neural Network (ANN) and Python Programming			
30		18BJ1A0531	BALA KRISHNA					
31		18BJ1A0501	LOKESH					
32		18BJ1A0511	HUDEMELLA SAI JASWANTH R.					

33	9	18BJ1A05A1	ANUSHA VEESAM	K JYOTHSNA DEVI	Research on Gender Prediction for Social Media User Profiling by machine learning method		
34		18BJ1A0599	VADRANAM.GEETHA NAIDU				
35		18BJ1A0542	L ABHILASH GOUD				
36		17BJ1A0507	B.ROHITH				
37	10	18BJ1A0572	PULL.SRIVANYA	K VENKATESWARI	An application of a deep learning algorithm for automatic detection of unexpected accidents under bad CCTV monitoring conditions in tunnels		
38		18BJ1A0583	SHAIK.JAHERABI				
39		18BJ1A0573	PULI TRINADH				
40		17BJ1A0577	PRASAD PUTTA				
41	11	18BJ1A05A2	VIKRAM PRAJAPATTH	S S N ANJANEYULU	Analysis of Performance of Machine Learning Algorithms in Detection of Flowers		
42		18BJ1A0574	PULUSU SIVA PRIYA				
43		18BJ1A0507	B.SRI LAKSHMI TIRUPATHAMMA				
44		18BJ1A0585	SHAIK MABUSUBHANI				
45	12	18BJ1A0529	JONNADULA VENKATA SAI ROHITH	Dr.JAIDEEP G	Decision Tree Model for Email Classification		
46		18BJ1A0545	VYSHNAVI MADASANI				
47		18BJ1A0503	A. RAMAKRISHNA				
48		18BJ1A0554	MEKALA NITHISH				
49	13	19BJ5A0501	G.V.V. TARUN KUMAR	CH AMARESH	e-Health Monitoring System with Diet and Fitness Recommendation using Machine Learning		
50		18BJ1A0530	GOPALAKRISHNA KADIYAM				
51		18BJ1A0522	IKKURTHI JOHN SELVARAJ				
52		18BJ1A0537	KEERTHIPATI VISHNU SAI				

53	14	18BJ1A0550	MANNAVA KAVYA POOJITHA	NIRMALA N M V	Land Resource Management Information Platform Based on Artificial Intelligence Technology		
54		18BJ1A05A9	YEMINENI SRAVANI				
55		18BJ1A0586	SHAIK MASTAN				
56		18BJ1A0523	IMMADISETTY AJAY KUMAR				
57	15	18BJ1A0547	MAMIDALA. LAVANYA	SUBHANI SHAIK	Classification of Digital Dental X-ray Images Using Machine Learning		
58		18BJ1A0519	GOLLA YAMINI				
59		18BJ1A0538	KONATHAM NANDI SIVA REDDY				
60		18BJ1A0525	ALADI SHANMUKHA NAGASA				
61	16	18BJ1A0582	SHAIK HUSSAIN	FIROZE P	Research on Financial Data Prediction Algorithm Based on Deep Learning		
62		18BJ1A0578	SHAIK ABDUL HAFEEZ				
63		18BJ1A0552	MARUBOINA AJAYKUMAR				
64		18BJ1A0590	SHAKE NAZEEM BHASHA				
65	17	18BJ1A0565	VENKATESWARARAO PARISA	P LAKSHMAN	Machine Learning Application for Black Friday Sales Prediction Framework		
66		18BJ1A0563	DELETI LALITHA SRINIVASA RAO				
67		18BJ1A0598	VADDE RAJESH				
68		18BJ1A0591	SIDDABATTUNI B V SAI KIRAN				
69	18	18BJ1A05B3	M.SRAVANI	M VEERA KUMARI	Location prediction on Twitter using machine learning Techniques		
70		18BJ1A0595	THUMULURU SURYA SAI TEJA				
71		18BJ1A0576	ROUTHU NAGA CHANDANA				
72		18BJ1A0505	KARTHIK REDDY				

73	19	19BJ5A0503	VENNELA PARABATTINA	K JYOTHSNA DEVI	A Review on Data Mining and Machine Learning Methods for Student Scholarship Prediction			
74		18BJ1A0589	SHABEENA SHAIK					
75		18BJ1A0532	K. NAVEEN					
76		18BJ1A0593	SURYAPALLI BALA VARDHAN					
77	20	18BJ1A05A6	KALPANA	K VENKATESWARI	Role of Artificial Intelligence in Logistics and Supply Chain			
78		18BJ1A0512	CHUNDURU KRISHNA NITESH					
79		18BJ1A05A5	SRINIVASAVI.Y					
80		18BJ1A0592	SOMEPALLI VAMSIKRISHNA					
81	21	18BJ1A0577	SARAGADA JAGADEESH	Dr.JAIDEEP G	Artificial Intelligence in Prediction of PostMortem Interval (PMI) Through Blood Biomarkers in Forensic Examination-A Concept			
82		18BJ1A0559	NANNAPANENI SOWMYA					
83		18BJ1A0596	BHARGAVI TULLURU					
84		18BJ1A0594	KISHORE THOTA					
85	22	18BJ1A0571	PULI SRAVANYA	NIRMALA N M V	Automated Food image Classification using Deep Learning approach			
86		18BJ1A0580	SHAIK AMANULLA					
87		18BJ1A05A8	YANDURI SRIMANNARAYANA					
88		18BJ1A0570	POTHUBOYINA JAGAN MOHAN					

89	23	18BJ1A0569	PATHAN FAISAL KHAN	SUBHANI SHAIK	Deep Learning for Human Action Recognition			
90		18BJ1A05A7	YANDRAPATI KARTHEEK					
91		18BJ1A0587	SHAIK NAGA SRINU					
92		18BJ1A0535	KATTA KARUNA JYOTHI					
93	24	18BJ1A0539	KOTA PAVAN SAI RAMAKOTESWARARAO	FIROZE P	Text Classification on Twitter Data			
94		18BJ1A0517	GANESHULA VAMSI					
95		18BJ1A0546	A BRAHMA CHARI MAHESWA					
96		18BJ1A05A3	VUDDANTI YASWANTH					
97	25	18BJ1A0568	PATHAN ASZAD KHAN	LAKSHMAN P	Correlation analysis of financial indicators and stock price fluctuations based on artificial intelligence system			
98		18BJ1A0579	SHAIK ABDULLA					
99		18BJ1A0588	RESHMA SHAIK					
100		18BJ1A0584	SHAIK KHALEEL BASHA					
101		18BJ1A0540	KUDARAVALLI NAVYA SAI					
102	26	18BJ1A0515	PASALA.LALITHASAI	M VEERA KUMARI	A machine learning approach for opinion mining online customer reviews			
103		18BJ1A05B0	ENIKAPALLI VENKATA KARTH					
104		18BJ1A0536	KATTA NAGA LAKSHMI					
105		18BJ1A05A4	VUNNAM VEERA MANENDRA					
106		18BJ1A0597	U NANDA KISHORE REDDY					
					HOD			

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2.3 - Teaching- Learning Process

E-Resources shared to the students during the year 2020-21

Sl.No	Lesson Plan Topic	Youtube VIDEO Link	PPT VIDEO Link
MACHINE LEARNING			
1	Introduction to Machine Learning	https://www.youtube.com/watch?v=fC7V8QsPBec&list=PL1xHD4vteKYVpaliy295pg6_Sy5qznc77&index=2	https://www.slideshare.net/liorrokach/introduction-to-machine-learning-13809045
2	Linear Regression	https://www.youtube.com/watch?v=M7Km1XZERU&list=PL1xHD4vteKYVpaliy295pg6_Sy5qznc77&index=9	https://www.slideshare.net/Tech_MX/linear-regression-14155467
3	Logistic Regression	https://www.youtube.com/watch?v=g_LURKulj4&list=PL1xHD4vteKYVpaliy295pg6_Sy5qznc77&index=17	https://www.slideshare.net/RachitVerma25/logistic-regression-249640620?from_search=0
4	Perceptron Learning	https://www.youtube.com/watch?v=VXGhRprAg&list=PL1xHD4vteKYVpaliy295pg6_Sy5qznc77&index=21	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
5	Decision Trees	https://www.youtube.com/watch?v=yG1nETGyW2E&list=PL1xHD4vteKYVpaliy295pg6_Sy5qznc77&index=34	https://www.slideshare.net/DevangThakar/decision-trees-236624733?from_search=1
6	Evaluation Measures	https://www.youtube.com/watch?v=Du8PsWbX1Y0&list=PL1xHD4vteKYVpaliy295pg6_Sy5qznc77&index=43	https://www.slideshare.net/rushdishams/common-evaluation-measures-in-nlp-and-ir?from_search=1
7	Bootstrapping and Cross Validation	https://www.youtube.com/watch?v=7mhLNwCBWYE&list=PL1xHD4vteKYVpaliy295pg6_Sy5qznc77&index=44	https://www.slideshare.net/bayesianlogic/tutorial-on-bootstrap-resampling-with-independent-data?from_search=2
Artificial Neural Networks			
8	Intro to ANN	https://www.youtube.com/watch?v=g9coqhm5CUM&list=PLhdVEDm7SZ-PdtzOkXWb6xyAPxFInnpX-&index=1	https://slideplayer.com/slide/5726881/
9	Network Architecture of ANN	https://www.youtube.com/watch?v=AcoRU03zI4o&list=PLhdVEDm7SZ-PdtzOkXWb6xyAPxFInnpX-&index=2	https://slideplayer.com/slide/5174817/
10	Competitive and Boltzman	https://www.youtube.com/watch?v=5L9ElcmoqM&list=PLhdVEDm7SZ-PdtzOkXWb6xyAPxFInnpX-&index=5	https://www.slideshare.net/RachitVerma25/logistic-regression-249640620?from_search=0
11	Gradient Descent algorithm	https://www.youtube.com/watch?v=i5q6yyjRL94&list=PLhdVEDm7SZ-PdtzOkXWb6xyAPxFInnpX-&index=10	https://www.slideshare.net/nihar1215/gradient-boosted-trees-151394320
12	Back Propagation Algorithm	https://www.youtube.com/watch?v=QB5wusBWBlA&list=PLhdVEDm7SZ-PdtzOkXWb6xyAPxFInnpX-&index=12	https://www.slideshare.net/DrBaljitSinghKhehra/back-propagation-232626590?from_search=0
13	Solved Examples of Back Propagation	https://www.youtube.com/watch?v=QqhcRaMmQeA&list=PLhdVEDm7SZ-PdtzOkXWb6xyAPxFInnpX-&index=14	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
14	Difference between ANN,CNN,RNN	https://www.youtube.com/watch?v=u7obuspdQu4	https://www.slideshare.net/jyotiyadav/8-deep-learningpdf?from_search=0
Data Mining & WareHousing			
15	Introdction to Data Mining and Dataware Housing	https://www.youtube.com/watch?v=xEmrFePGjEg&list=PLmAmHQ-_5ySxFoIGmY1MJao-XYvYGxxgj&index=1	https://www.slideshare.net/seeratnawaz84/data-mining-what-is-data-mining?from_search=0
16	Data Mining Functionaities	https://www.youtube.com/watch?v=YCBMSg90gx8&list=PLmAmHQ-_5ySxFoIGmY1MJao-XYvYGxxgj&index=2	https://www.slideshare.net/AishwaryaLakshmiA/unit-i-229201156?from_search=0
17	Interestingness of Patterns	https://www.youtube.com/watch?v=NntemRFHvBg&list=PLmAmHQ-_5ySxFoIGmY1MJao-XYvYGxxgj&index=3	https://www.slideshare.net/yogendra48/classification-and-clustering-36428334?from_search=0
18	Classifications of Data Mining	https://www.youtube.com/watch?v=pqDrdxWvP8&list=PLmAmHQ-_5ySxFoIGmY1MJao-XYvYGxxgj&index=4	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
19	Major Issues of Data Minng	https://www.youtube.com/watch?v=M6UszNda4nM&list=PLmAmHQ-_5ySxFoIGmY1MJao-XYvYGxxgj&index=7	https://www.slideshare.net/ersaranya/major-issues-in-data-mining?from_search=1
20	Frequent Patterns of Data Mining- examples	https://www.youtube.com/watch?v=PxxqB53s5tQ&list=PLmAmHQ-_5ySxFoIGmY1MJao-XYvYGxxgj&index=9	https://www.slideshare.net/esatjournals/mistreatment-algorithmic-program-to-find-frequent-sequential-patterns-while-not-ordering-the-stumps-sub-sequences-70418177?from_search=0
21	APRIORI Algorithm	https://www.youtube.com/watch?v=CcaRfwlHyNw&list=PLmAmHQ-_5ySxFoIGmY1MJao-XYvYGxxgj&index=10	https://www.slideshare.net/AishwaryaLakshmiA/unit-i-229201156?from_search=0
ARTIFICIAL INTELLIGENCE			



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22	Introduction to AI	https://www.youtube.com/watch?v=kmeaG_BQZ7M&list=PLrjkTql3jnm_yol-ZK1QqPSn5YSg0NF9r&index=1	https://www.slideshare.net/gayathrysatheesan1/artificial-intelligence-185776428?from_search=0
23	Intelligence Composed of AI	https://www.youtube.com/watch?v=uMWaOv9-oHo&list=PLrjkTql3jnm_yol-ZK1QqPSn5YSg0NF9r&index=3	https://slideplayer.com/slide/5174817/
24	Agents in AI	https://www.youtube.com/watch?v=2iHaSVEadil&list=PLrjkTql3jnm_yol-ZK1QqPSn5YSg0NF9r&index=4	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
25	Problem Solving in AI	https://www.youtube.com/watch?v=CXtN2fik8L0&list=PLrjkTql3jnm_yol-ZK1QqPSn5YSg0NF9r&index=9	https://www.slideshare.net/DevangThakar/decision-trees-236624733?from_search=1
26	Graph Algorithms	https://www.youtube.com/watch?v=tWVWeAqZ0WU	https://www.slideshare.net/rushdishams/common-evaluation-measures-in-nlp-and-ir?from_search=1
27	BFS in AI	https://www.youtube.com/watch?v=7ffDUDjwz5E	https://www.slideshare.net/ShuvongkorBarman/presentation-on-breadth-first-search-bfs
JAVA			
28	Introduction to JAVA	https://www.youtube.com/watch?v=yRplJmRo2w&list=PLfqMhTWNBT3LtFWcvwpqTkUSIB32kJob&index=1	https://www.slideshare.net/VeerabadraBadra/introduction-to-java-9266993
29	Conditional Statement	https://www.youtube.com/watch?v=I5srDu75h_M&list=PLfqMhTWNBT3LtFWcvwpqTkUSIB32kJob&index=3	https://www.slideshare.net/tocaldera/java-if-else-condition-powerpoint-presentation
30	Best Pattern Questions in Java	https://www.youtube.com/watch?v=GjHNGM7KN3w&list=PLfqMhTWNBT3LtFWcvwpqTkUSIB32kJob&index=5	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
31	Functions and Methods	https://www.youtube.com/watch?v=qcSz4ef9UHA&list=PLfqMhTWNBT3LtFWcvwpqTkUSIB32kJob&index=7	https://www.slideshare.net/pohjus/methods-in-java
32	Basics of Time Complexity	https://www.youtube.com/watch?v=bQssdSrSGNE&list=PLfqMhTWNBT3LtFWcvwpqTkUSIB32kJob&index=9	https://www.slideserve.com/Simplilearn/time-complexity-analysis-what-is-time-complexity-data-structures
33	Arrays Introduction	https://www.youtube.com/watch?v=NTHVTY6w2Co&list=PLfqMhTWNBT3LtFWcvwpqTkUSIB32kJob&index=10	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
DATA BASE MANAGEMENT SYSTEMS			
34	Introduction to DBMS	https://www.youtube.com/watch?v=T7AxM7Vqyaw&list=PLdo5W4Nhv31b33kF46f9aFjoJPokdlsRc&index=1	https://www.slideshare.net/OECLIBOdishaElectron/database-management-system-ppt
35	File Management Systems in DBMS	https://www.youtube.com/watch?v=bjIEw15FKs8&list=PLdo5W4Nhv31b33kF46f9aFjoJPokdlsRc&index=2	https://www.slideshare.net/rx178titan/8-00s-file-system-management?from_search=0
36	Armstrong's Axioms	https://www.youtube.com/watch?v=eIH7zRVelnw&list=PLdo5W4Nhv31b33kF46f9aFjoJPokdlsRc&index=5	https://www.slideshare.net/AishwaryaLakshmiA/unit-i-229201156?from_search=0
37	Normalizations	https://www.youtube.com/watch?v=p-j9emhNVTg&list=PLdo5W4Nhv31b33kF46f9aFjoJPokdlsRc&index=9	https://www.slideshare.net/yogendra48/classification-and-clustering-36428334?from_search=0
38	How to find normal form of a relation	https://www.youtube.com/watch?v=rQib0A1oUfg&list=PLdo5W4Nhv31b33kF46f9aFjoJPokdlsRc&index=14	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
39	Find Highest Normal Form	https://www.youtube.com/watch?v=M9_JPdlcCHQ&list=PLdo5W4Nhv31b33kF46f9aFjoJPokdlsRc&index=15	https://www.slideshare.net/ersaranya/major-issues-in-data-mining?from_search=1
40	Dependency Preserving Decomposition	https://www.youtube.com/watch?v=8hZ01BtP0wM&list=PLdo5W4Nhv31b33kF46f9aFjoJPokdlsRc&index=17	https://www.slideshare.net/esatjournals/mistreatment-algorithmic-program-to-find-frequent-sequential-patterns-while-not-ordering-the-stumps-sub-sequences-70418177?from_search=0
PYTHON			
41	Introduction to Python Programming	https://www.youtube.com/watch?v=7wnove7K-ZQ&list=PLu0W_9lII9agwh1XjRt242xIpHhPT2llg&index=1	https://www.slideshare.net/tusharpanda88/python-basicshttps://www.slideshare.net/SHIVAMVERMA12/python-31650128?from_search=1-59573634?from_search=0
42	Our first program in Python	https://www.youtube.com/watch?v=7IWOYhfAcVg&list=PLu0W_9lII9agwh1XjRt242xIpHhPT2llg&index=4	https://www.slideshare.net/EdurekaIN/python-programming-learn-python-python-tutorial-python-training-edureka?from_search=3
43	Variables and DataTypes	https://www.youtube.com/watch?v=ORCuz7s5cCY&list=PLu0W_9lII9agwh1XjRt242xIpHhPT2llg&index=6	https://www.slideshare.net/mnepython/mnepython-core-registration-28598463?from_search=2



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44	Calculator Using Python	https://www.youtube.com/watch?v=FLVqcxnJP_E&list=PLu0W_9lII9agwh1XjRt242xIpHhPT2llg&index=7	https://www.slideshare.net/EdurekaIN/python-course-python-programming-python-tutorial-python-training-edureka?from_search=6
45	Type Casting in Python	https://www.youtube.com/watch?v=Pu5bqySSSS0&list=PLu0W_9lII9agwh1XjRt242xIpHhPT2llg&index=9	https://www.slideshare.net/JunaidKhan281/python-77024847?from_search=4
46	Recursion in Python	https://www.youtube.com/watch?v=XYwJKFB8DUk&list=PLu0W_9lII9agwh1XjRt242xIpHhPT2llg&index=30	https://www.slideshare.net/QATrainingHub/python-what-is-python-history-of-python-python-tutorial?from_search=7
47	Set Methods in Python	https://www.youtube.com/watch?v=HOrutCnp2zo&list=PLu0W_9lII9agwh1XjRt242xIpHhPT2llg&index=32	https://www.slideshare.net/mnepython/mnepython-core-registration-28598463?from_search=2
Data Structures			
48	Understanding VOID	https://www.youtube.com/watch?v=ij2jrsUmwCI&list=PLBlnK6fEyqRj9lId8sWIUNwlKfdUoPd1Y&index=15	https://www.slideshare.net/seeratnawaz84/data-mining-what-is-data-mining?from_search=0
49	Uderstnding NULL Pointers	https://www.youtube.com/watch?v=oPScHNQDCkc&list=PLBlnK6fEyqRj9lId8sWIUNwlKfdUoPd1Y&index=16	https://www.slideshare.net/AishwaryaLakshmiA/unit-i-229201156?from_search=0
50	Basics of Dynamic Memory Allocation	https://www.youtube.com/watch?v=udfbq4M2Kfc&list=PLBlnK6fEyqRj9lId8sWIUNwlKfdUoPd1Y&index=19	https://www.slideshare.net/yogendra48/classification-and-clustering-36428334?from_search=0
51	Single Linked List	https://www.youtube.com/watch?v=jggg6Qw68_Q&list=PLBlnK6fEyqRj9lId8sWIUNwlKfdUoPd1Y&index=42	https://www.slideshare.net/KumudArora/perceptron-238384100?from_search=2
52	Cearting entry in Doubly llnked List	https://www.youtube.com/watch?v=EgrSkwnuZUU&list=PLBlnK6fEyqRj9lId8sWIUNwlKfdUoPd1Y&index=70	https://www.slideshare.net/ersaranya/major-issues-in-data-mining?from_search=1
53	Stacks	https://www.youtube.com/watch?v=I37kGX-nZEI&list=PLBlnK6fEyqRj9lId8sWIUNwlKfdUoPd1Y&index=105	https://www.slideshare.net/esatjournals/mistreatment-algorithmic-program-to-find-frequent-sequential-patterns-while-not-ordering-the-stumps-sub-sequences-70418177?from_search=0
54	Queues	https://www.youtube.com/watch?v=D80AB1WkzRk&list=PLBlnK6fEyqRj9lId8sWIUNwlKfdUoPd1Y&index=141	https://www.slideshare.net/AishwaryaLakshmiA/unit-i-229201156?from_search=0
Introduction to AI and DS			
55	Introduction	https://www.youtube.com/watch?v=JL_grPUnXzY&list=PLeo1K3hjS3us_ELKYSj_Fth2tIEkdKXvV	https://www.slideshare.net/TanujaSomvanshi1/introduction-of-data-science-251214278?from_search=0
56	How to learn data science	https://www.youtube.com/watch?v=csG_qf0Tvxw	https://www.slideshare.net/EmmaThompson323452/data-science-257191210?from_search=1
57	Predictive Modeling Tecniques	https://www.youtube.com/watch?v=0gf5iLTbiQM&list=PLEiEAq2VkuUIEQ7ENKU5Gv0HpRdTOphC6&index=30	https://www.slideshare.net/EdurekaIN/data-science-tutorial-data-science-training-edureka?from_search=3
CRYPTOGRAPHY AND NETWORK SECURITY			
58	INTRO TO CNS	https://www.youtube.com/watch?v=JoelLuFNbc4&list=PLBlnK6fEyqRgJU3EsOYDTW7m6SUMW6kII	https://www.slideshare.net/DrKapilGupta2/chapter-1-introduction-of-cryptography-and-network-security
59	Security Mechanisms	https://www.youtube.com/watch?v=H5ifNveDXkg&list=PLBlnK6fEyqRgJU3EsOYDTW7m6SUMW6kII&index=6	https://www.slideshare.net/AishwaryaLakshmiA/unit-i-229201156?from_search=0
60	Security Attacks	https://www.youtube.com/watch?v=yIm00I9Dg4Y&list=PLBlnK6fEyqRgJU3EsOYDTW7m6SUMW6kII&index=4	https://www.slideshare.net/AfifAIMamun/introduction-to-cryptography-72587472
61	OSI Security Architecture	https://www.youtube.com/watch?v=UG26SS9pjwE&list=PLBlnK6fEyqRgJU3EsOYDTW7m6SUMW6kII&index=3	https://www.slideshare.net/AishwaryaLakshmiA/unit-i-229201156?from_search=0
62	Cesar Cipher	https://www.youtube.com/watch?v=JtbKh_12ctg&list=PLBlnK6fEyqRgJU3EsOYDTW7m6SUMW6kII&index=13	https://www.slideshare.net/daniyalqureshi712/transposition-cipher-65475317
63	Brute Force Attacks	https://www.youtube.com/watch?v=DoBqnt7Bf24&list=PLBlnK6fEyqRgJU3EsOYDTW7m6SUMW6kII&index=11	https://www.slideshare.net/SayyadaAyesha/brute-force-attack-237634082?from_search=0
UNIFIED MODELING LANGUAGE			
64	Intro to UML	https://www.youtube.com/watch?v=hZFwL7n6wus&list=PLr3OnN7KdzeiR4zrkbXLQC2xPMAhPhR86	https://slideplayer.com/slide/4532424/
65	Tools	https://www.youtube.com/watch?v=ZjsfleD3JQc&list=PLr3OnN7KdzeiR4zrkbXLQC2xPMAhPhR86&index=2	https://slideplayer.com/slide/3491712/
66	UML Diagrams	https://www.youtube.com/watch?v=Hj6Lkoi_VoM	https://slideplayer.com/slide/1699793/



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67	Usecase Diagram	https://www.youtube.com/watch?v=KhOre9ACI6A&list=PLr3OnN7KdzeiR4zrkbXLQC2xPMAhPhR86&index=6	https://www.slideshare.net/barney92/uml-diagrams-14951019
68	Sequence Diagram	https://www.youtube.com/watch?v=QQcVNjGVcGg&list=PLr3OnN7KdzeiR4zrkbXLQC2xPMAhPhR86&index=5	https://www.slideshare.net/Zed4rReal/uml-and-software-modeling-toolspptx
69	Class Diagram	https://www.youtube.com/watch?v=ZjsfleD3JQc&list=PLr3OnN7KdzeiR4zrkbXLQC2xPMAhPhR86&index=2	https://www.slideshare.net/nik1020/use-case-diagram-and-sequence-diagram
CLOUD COMPUTING			
70	Introduction to Cloud Computing	https://www.youtube.com/watch?v=0rrDqBIP2qU&list=PL-JvKqQx2AtfQ8cGyKsFE7Tj2FyB1yCkd	https://www.slideshare.net/ShivChoudhury1/cloud-computing-206150943?from_search=0
71	Evolution of Cloud	https://www.youtube.com/watch?v=mpho0_bxWy0&list=PL-JvKqQx2AtfQ8cGyKsFE7Tj2FyB1yCkd&index=2	https://www.slideshare.net/nephoscale/evolution-of-cloud-computing-17689871?from_search=0
72	Components of Cloud	https://www.youtube.com/watch?v=x1Z-ZtdbDqM	https://www.slideshare.net/poythegreat/cloud-computing-3474582?from_search=1
73	Cluster vs Grid vs Cloud Computing	https://www.youtube.com/watch?v=2PAVAvyj1q0	https://www.slideshare.net/jihedkaouech/cloud-computing-13132069