

## Open Elective - Coursera Courses

17OL40A1	GRAPHIC DESIGN	6454	Dr. SK Hasane Ahmmad
		6454	Dr. SK Hasane Ahmmad
17OL40A2	PHOTOGRAPY BASICS AND BEYOND FROM SMART	6365	Dr.Aravindhan Alagarsamy
		6365	Dr.Aravindhan Alagarsamy
17OL40A3	DATA VISUALIZATION WITH TABLEAU	6213	Dr. Naren Das
		6213	Dr. Naren Das
17OL40A5	WEB DESIGN FOR EVERYBODY:BASICS OF WEB	5921	Dr.Poorna Priya
		5921	Dr.Poorna Priya
17OL40A6	INTRODUCTION TO PHILOSOPHY	2213	Mr.M.Venkateswara rao
		2213	Mr.M.Venkateswara rao
17OL40B1	ENERGY,ENVIRONMENT AND EVERYDAY LIFE	5884	Dr.Arjuna muduli
		5884	Dr.Arjuna muduli
17OL40B3	WIND ENERGY	5675	Dr.K.Praghash
		5675	Dr.K.Praghash
17OL40B4	SMART CITIES - MANAGEMENT OF SMART	5158	Ms.A.Sree Madhuri (OE-2)
17OL40B6	ASTRONOMY: EXPLORING TIME AND SPACE	5398	Dr.R.Revathi (OE-2)
17OL40B8	SOCIAL PSYCHOLOGY	5477	Mr.S.Vamsee Krishna
		5477	Mr.S.Vamsee Krishna
17OL40B9	CLOUD COMPUTING BASICS (CLOUD 101)	5443	Mr.N.Lakshman Pratap
		5443	Mr.N.Lakshman Pratap
17OL40C2	INTRODUCTION TO SELF DRIVING CARS		
		5381	Dr.C.Joshitha (OE-2)
17OL40C3	WEB APPLICATION DEVELOPMENT : BASIC	6224	Dr.Atul Kumar
		6224	Dr.Atul Kumar
17OL40C8	SUPPLY CHAIN MANAGEMENT	2978	Dr.D.Bhavana
17OL40C9	STRATEGIC LEADERSHIP AND MANAGEMENT	3028	Ms N.Durga Indira
17OL40E5	ENTREPRENEURSHIP:LAUNCHING AN INNOVATIVE BUSINESS	3661	Mr D.Sreenivasa Rao
17OL40E9	LEARN SPANISH: BASIC SPANISH VOCABULARY	3066	Dr.N.Siddaiah
17OL40F2	LEARN MANDARIN CHINESE	5230	Mr.T.Penchala Naidu
<b>AUDIT COURSES COMMON FOR ALL</b>			
<b>17UC0009</b>	<b>Ecology &amp; Environment</b>	<b>2364</b>	<b>Dr Sujatha</b>
<b>17UC0007</b>	<b>Indian Heritage and Culture</b>	<b>5456</b>	<b>Dr Sai kumar</b>
<b>17UC0008</b>	<b>Indian Constitution</b>	<b>6338</b>	<b>Dr. S V M Kama Sai</b>

**COURSERA COURSES Pratice School (EVEN SEM)**

<b>SUB CODE</b>	<b>SUB NAME</b>	<b>EMPID</b>	<b>NAME OF FACULTY</b>
17OL40A1	GRAPHIC DESIGN	5148	Dr. Ipseeta Nanda
17OL40A2	PHOTOGRAPY BASICS AND BEYOND FROM SMART PHONE TO DSLR	5140	Mr.M.Aditya
17OL40A3	DATA VISUALIZATION WITH TABLEAU	6213	Dr. Naren Das
17OL40A4	GAME DESIGN:ART AND CONCEPTS	5381	Dr.C.Joshitha (OE-2)
17OL40A5	WEB DESIGN FOR EVERYBODY:BASICS OF WEB DEVELOPMENT & CODING	5041	Dr.Vipul Agarwal
17OL40A6	INTRODUCTION TO PHILOSOPHY	5129	Dr.C.S. Preetham Reddy
17OL40B1	ENERGY,ENVIRONMENT AND EVERYDAY LIFE	4938	Ms.K.Mariya Priyadarshini
17OL40B3	WIND ENERGY	5675	Dr.K.Praghash
17OL40B8	SOCIAL PSYCHOLOGY	5477	Mr.S.Vamsee Krishna
17OL40B9	CLOUD COMPUTING BASICS (CLOUD 101)	4822	Ms. K.V.Sowmya
17OL40C3	WEB APPLICATION DEVELOPMENT : BASIC CONCEPTS	6224	Dr.Atul Kumar

SEMESTER - 2												Emp I	Course Coordinator
Sl No	Course Code	Course Title	Uni/Sch/Dept	Type	L	T	P	S	Cr	CH	Pre-Req.		
1	19EC1202	Computer Organization & Architecture	DEP CORE	ES	2	0	0	0	2	2	NIL	2456	Dr.Syed Inthiyaz
2	20EC1213	DESIGN OF BASIC ELECTONIC CIRCUITS	SCH CORE	ES	3	0	0	0	3	3	NIL	2389	Mr.Namgiri Suresh
SEMESTER - 4													
Sl No	Course Code	Course Title	Uni/Sch/Dept	Type	L	T	P	S	Cr	CH	Pre-Req.		
1	19EC2207	Electromagnetic fields & Applications	DEP CORE	PC	3	1	0	0	4	4	NIL	3413	Dr. Md.Z Rehman
2	19EC2208	Digital Signal Processing	DEP CORE	PC	3	0	2	0	4	5	NIL	2838	Dr.G.V.Subbarao
3	19EC2209	Statistics, AI, ANN	DEP CORE	PC	3	0	0	2	4	5	NIL	4685	Mr.Bathula Murali Krishna
	19EC2223	Introduction to AI & ANN Tools and Applications	DEP CORE	PC	3	0	0	0	3	110	NIL	3452	Dr.P.Venkat Vijay Kishore
4	19EC2210	Data Networks & Protocols	DEP CORE	PC	3	0	2	0	4	5	NIL	2224	Dr.G.Venkata Ganesh
5	19EC2214	ELECTRONIC WORKSHOP-III (IOT Applications)	SCH ELEC	ES	1	0	0	4	2	5	NIL	2462	Dr.P.Satyanarayana
6	19UC2204	Aptitude Builder-I	UNI CORE	HS	0	0	4	0	2	4	NIL	4624	Dr. T.S. Rajeswari
7		Professional Elective-1	DEP ELEC	PE	3	0	0	0	3	3	NIL		
8	19TS4002	Skilling for Engineers-2	SCH ELEC	SK	0	0	0	4	1	1	NIL	4942	Mr.Khanal Madhav Prasad
		Desing Thinking and Innovaiton-2	SCH CORE	BS	1	0	0	4	2	5	NIL	2937	Mr.K.V.Raju
<b>Total</b>					#	<b>1</b>	<b>8</b>	#	<b>29</b>	<b>147</b>			
Professional Electives for Second Year													
1	19EC3051	Wireless sensor Networks & IOT Applications	DEP ELEC	PE	3	0	0	0	3	3		4719	Dr.Y.Usha Devi
2	19EC3071	Control Systems & Introduction to Robotics	DEP ELEC	PE	3	0	0	0	3	3		5406	Dr.S.Rooban

3.a	19EC3081	Speech Signal Processing	DEP ELEC	PE	3	0	0	0	3	3		2993	Dr.B.Suresh
3.b	19EC3082	Digital Image Processing	DEP ELEC	PE								2812	Dr. M.V.D. Prasad
4	19EC3091	Information Theory & Coding	DEP ELEC	PE	3	0	0	0	3	3		3066	Dr.N.Siddaiah
5	19EC4081	Automated Vehicles & Avionics	DEP ELEC	PE	3	0	0	0	3	3		5148	Ipseeta Nanda
<b>S E M E S T E R - 6</b>													
1		Science Elective-2	SCH CORE	BS	3	0	2	0	4	5			
2		Flexi Core-3	FLEXI CORE	FC	3	0	2	0	4	5			
3		Professional Elective-4	DEP ELEC	PE	3	0	0	0	3	3	NIL		
4		Professional Elective-5	DEP ELEC	HSS	3	0	0	0	3	3	NIL		
5		Professional Elective-6	DEP ELEC	PR	3	0	0	0	3	3	NIL		
6	18IE3247	Term Paper	SCH CORE	PR	0	0	4	0	2	4	NIL	2978	Dr.D.Bhavana
7	18UC3206	Campus to Corporate	UNI CORE	HSS	0	0	4	0	2	4	NIL	4637	Mrs. Prema Chandrika
8	18TS404	Skilling for Engineers-4	SCH CORE	SK	0	0	0	4	1	1	NIL	3661	Mr.D.Sreenivasa Rao
9	18TP3202	Technical Proficiency and Training-2	SCH ELEC	SK	0	0	0	4	1	4	NIL	5140	M.Aditya
<b>Total</b>					#	0	#	8	23	32			
<b>Science Elective for Third Year</b>													
1	18PH1005	PHYSICS FOR ELECTRONICS ENGINEERING	UNI ELE	SE	3	0	2	0	4	5		1968	Dr M Venkateswarlu
2	18PH1004	SOLID STATE PHYSICS	UNI ELE	SE	3	0	2	0	4	5		3435	Dr A Venkateswara Rao
3	18PH2101	Quantum Mechanics for Engineers	UNI ELE	SE	3	1	0	0	4	4		2057	Dr M V V V K Srinivas Prasad
<b>Flexi core or Optional Core for Third Year</b>													

1	18EC2208F C	VLSI design	DEPT ELE	FC	3	0	2	0	4	5		4604	Mr.E.Raghuveera
2	18EC4111	Wireless Communications	DEPT ELE	FC	3	0	2	0	4	5		5041	Dr.Vipul Agarwal
3	18EC3016	RF System Design	DEPT ELE	FC	3	0	2	0	4	5		5158	Ms.A.Sree Madhuri
4	18EC3017	Biomedical Electronics & IOT for Healthcare	DEPT ELE	FC	3	0	2	0	4	5		5675	Dr.K.Praghash
5	18EC3018	Electronics Instruments & Automation	DEPT ELE	FC	3	0	2	0	4	5		3621	Dr.P.Pardhasaradhi
6	18EC3019	System Engineering, Operation Research & Designing	DEPT ELE	FC	3	0	2	0	4	5		6027	Dr. Rahul Bosu
7	18EC3020	Electrical Technologies & Solar Power Systems	DEPT ELE	FC	3	0	2	0	4	5		5616	Dr.S.Arunmetha
8	18EC3021	Advance Course in Soft- Computing (AI, ANN, Fuzzy Logic & Genetic Algorithms)	DEPT ELE	FC	3	0	2	0	4	5		5891	Dr.E.Kiran Kumar
<b>Professional Electives for Third Year</b>													
1	18EC3053	Electronic Systems for Renewable Energy & Smart Grid	DEPT ELE	PE	3	0	0	0	3	3	NIL	4089	Mr. M Naga Chaitanya
2	18EC3054	IOT Applications & Smart Cities	DEPT ELE	PE	3	0	0	0	3	3	NIL	4822	Ms.K.V.Sowmya
3	18EC3055	Systems for Smart Cities & Smart Villages	DEPT ELE	PE	3	0	0	0	3	3	NIL	6224	Dr.Atul Kumar
4	18EC3063	ASIC & FPGA Chip Design	DEPT ELE	PE	3	0	0	0	3	3	NIL	4938	Mrs.K.Mariya Priyadarshini
5	18EC3064	VLSI Sub-system Design and Design for Testability	DEPT ELE	PE	3	0	0	0	3	3	NIL	3669	Ms.M.Vasuja Devi
6	18EC3066	Analog & Digital IC Applications	DEPT ELE	PE	3	0	0	0	3	3	NIL	3956	Mr.T.Sanath Kumar
7	18EC3074	Computer Vision & Applications	DEPT ELE	PE	3	0	0	0	3	3	NIL	4387	Dr.B.Polaiah

8	18EC3075	Human Machine Interface & Brain Machine Interface	DEPT ELE	PE	3	0	0	0	3	3	NIL	4148	Mr.P.Srikanth Reddy
9	18EC3087	Bio Medical Signal Analysis	DEPT ELE	PE	3	0	0	0	3	3	NIL	4054	Morla Venkateswara Rao
10	18EC3093	Satellite Communications	DEPT ELE	PE	3	0	0	0	3	3	NIL	4818	Mr.Ali Baig Mohammad
11	18EC3094	Optical Communication & Network	DEPT ELE	PE	3	0	0	0	3	3	NIL	5230	Mr.T.Penchala Naidu
12	18EC3095	Next Generation Wireless Technologies	DEPT ELE	PE	3	0	0	0	3	3	NIL	4263	Ms. V.Sahiti
13	18EC4053	5G Mobile, Wireless Technologies & IEEE 802 Standards	DEPT ELE	PE	3	0	0	0	3	3	NIL	5138	Mr.I.Veera Raghava Rao
14	18EC4054	Cloud-Computing & Network Security	DEPT ELE	PE	3	0	0	0	3	3	NIL	1286	Dr.S.Nagendram
15	18EC4055	IP Multimedia Sub-System & Emerging Technologies	DEPT ELE	PE	3	0	0	0	3	3	NIL	5140	Mrs. B. Priyadarshini
16	18EC4073	Pattern Recognition	DEPT ELE	PE	3	0	0	0	3	3	NIL	4958	Dr.M.Kasi Prasad
17	18EC4074	Block-Chain & Cyber Security	DEPT ELE	PE	3	0	0	0	3	3	NIL	5477	Mr.S.Vamsee Krishna
18	18EC4075	Video Surveillance	DEPT ELE	PE	3	0	0	0	3	3	NIL	4301	Mr.R.Sekar
19	18EC4082	Calibrations and Designing Advanced Instruments	DEPT ELE	PE	3	0	0	0	3	3	NIL	4291	Dr.S.Sunithamani
20	18EC4083	Biological & Cyber-Physical Systems	DEPT ELE	PE	3	0	0	0	3	3	NIL	6213	Dr.Naren Das
<b>S E M E S T E R - 8 (Course structure for Odd sem Practice School Students)</b>													
1	17CS2103	Discrete Mathematics	SCH ELEC	BS	2	1	0	0	3	3	NIL	4925	Dr.Pusphalatha
2	17IE 4049	PROJECT (Part-II)	UNI ELEC	PR	0	0	#	0	6	12	NIL	2978	Dr.D.Bhavana

3	17TS405	Technical Skilling-5 (VLSI-Pspice or Cadence, ES-CC Studio, SP-VC++, CS-HFSS-CST, ML&AI-Spider)	SCH ELEC	SK	0	0	0	6	2	6	NIL	5288	Dr.S.A.Sivasankari
4	17GNXXXX	Foreign/Non-Native Language	UNI CORE	HSS	3	0	0	0	2	2	NIL		
5		Manegement Elective	UNI CORE	HSS	3	0	0	0	3	3	NIL		
6	17BT1001	Biology for Engineers	UNI CORE	BS	2	0	0	0	2	2	NIL	5842	Dr Asish Raunthala
7	17AC1008	Universal Human Values & Professional Ethics (online)	UNI CORE	HSS	0	0	0	0	0	2	NIL	2013	Dr. Sumathi
8	17UC0009	Ecology & Environment	SCH ELEC	HSS	2	0	0	0	0	2	NIL	2364	Dr Sujatha
9	17UC0008	Indian Constitution (Audit Course)	SCH ELEC	HSS	0	0	2	0	0	2		6338	Dr. S V M Kama Sai
10	17UC0007	Indian Heritage and Culture (online 2 hrs)	SCH ELEC	HSS	0	0	2	0	0	0	NIL	5456	Dr Sai kumar
<b>Total</b>							#	<b>1</b>	#	<b>6</b>	<b>18</b>	<b>34</b>	
OE	17EC40A9	Image Processing	Image Processing		2	3	0	0	0	3	3	4173	Mr.K.Rajesh Babu

