Course offerings in 2020-21 Semester II (Spring)

Version-2 (10.12.2020)

UG Programmes

CD	AD	CNO	CName	Credits	Faculty Name(s)
			ter – CSE&CSD & LCD2K20	Credits	racuity Name(s)
In	CS		Design and Analysis of Software Systems	3-1-0-4	Ramesh Loganathan
Pr	CS		Machine, Data and Learning	3-1-0-4	Praveen P
In	HS		Intro to Human Sciences		Nimmi Rangaswamy (Coordinator)
111	113	1150.102	into to Human Sciences	3-1-0-4	Nita Parekh + Marimuthu
Pr	SC	SC1.111	Science II	3-1-0-4	Krishnan
In	CS	CS1.302	Automata Theory (H2)	3-1-0-2	Srinathan K
Pr	CS		Theory/Foundation Breadth Elective-1	3-1-0-2	
In	CS		Theory/Foundation Breadth Elective-2	3-1-0-2	
In	CS		Theory/Foundation Breadth Elective-3	3-1-0-2	
In	HS	OC3.102	Value Education II	0-2-0-2	Radhika M (Coordinator)
			Total 18-8-0-26		
Theo	ry/Foun	dations Co			
		CS9.302	Introduction to Quantum Information and Computation (H2)	3-1-0-2	Indranil Chakrabarty
		EC5.205	Introduction to Coding Theory (H1)	3-1-0-2	Lalitha V
Syste	ms/App	lications C	ourses		
		CS3.302	Software Programming for Performance (H2)	3-1-0-2	Deepak Gangadharan
		CS7.303	Digital Signal Analysis (H2)	3-1-0-2	Anil Kumar V
			Introduction to Brain and Cognition (H1)	3-1-0-2	Bapi Raju S + Kavita Vemuri
			Comptuer Graphics (H2)	3-1-0-2	Avinash Sharma
B.Te	ch II yea	ar II Semes	ter ECE & ECD & LED2K20	•	
Pr	EC	EC5.203	Communication Theory	3-1-0-4	Sachin Chaudhari
In	OT		Maths elective	3-1-0-4	
Pr	EC	EC6.202	Intro to Processor Architecture (H1)	3-1-0-2	Deepak Gangadharan
In	HS	HS8.102	Intro to Human Sciences	3-1-0-4	Nimmi Rangaswamy (Coordinator)
Pr	EC		Stream Foundation-1	3-1-0-2	
Pr	EC	EC2.201	VLSI Design	3-1-0-4	Syed Azeemuddin + Abhishek Srivastava
In	HS	OC3.102	Value Education II	0-2-0-2	Radhika M (Coordinator)
			Total 15-7-0-22		
Elect	ives for	UG2 ECE/	ECD/LED Students		
			Intro to Bio Electronics (H2)	3-1-0-2	Syed Azeemuddin + Prabhakar
			Introduction to Coding Theory(H1)	3-1-0-2	Lalitha V
		ar II Semes		Ι.	
In	CS		Computer System Organization	3-1-0-4	Deepak Gangadharan
Pr	CS		Machine, Data and Learning	3-1-0-4	Praveen P
In	CS		Design and Analysis of Software Systems	3-1-0-4	Ramesh Loganathan
Pr	CNS		Thermodynamics (H1)	3-1-0-2	Harjinder Singh
Pr	CNS		Statistical Mechanics (H2)		Harjinder Singh
Pr	CNS		Biomolecular Structures (H1)	3-1-0-2	Marimuthu Krishnan
Pr	CNS	SC2.202	Organic Chemistry (H2)	3-1-0-2	Bhaswar Ghosh
In	CS	CS1.302	Automata Theory (H2)	3-1-0-2	Srinathan K
In	HS	OC3.102	Value Education II	0-2-0-2	Radhika M (Coordinator)
			Total 18-8-0-24		
		ar II Semes			In. 126.01
Pr	CL	CL1.204	Language Typology and Universals	3-1-0-4	Dipti M Sharma

PR	CL	CS7 401	Introduction to NLP	3 1 0 4	Manish Shrivastava
Pr	CS		Digital Signal Analysis (H2)		Anil Kumar V
Pr	CS		Design and Analysis of Software Systems		Ramesh Loganathan
Pr	CS		Machine, Data and Learning		Praveen P
In	HS		Introduction to Human Sciences		Nimmi Rangaswamy (Coordinator)
In	CS		Automata Theory (H2)	3-1-0-2	Srinathan K
	HS	OC3.102		0-2-0-2	Radhika M (Coordinator)
In	пз	OC3.102		0-2-0-2	Radnika W (Coordinator)
R Ter	ch II ve	 ar II Semes	Total 18-8-0-26		
In	CS		Computer System Organization	3-1-0-4	Deepak Gangadharan
Pr	CS		Machine, Data and Learning		Praveen P
In	CS	+	Design and Analysis of Software Systems	_	Ramesh Loganathan
Pr	HS		Research Methods in Human Sciences	_	Aniket Alam
				_	Radhika Krishnan
Pr	HS		Science, Technology and Society	_	
In	CS	CS1.302	Automata Theory (H2)	3-1-0-2	Srinathan K
Pr	HS	002 102	HSS Elective-1		New Faculty
In	HS	OC3.102		0-2-0-2	Radhika M (Coordinator)
D.T.	.1. 777		Total 21-9-0-26		
		ear II Seme I	ester – CSE:	0262	T
In	CS		BTP I / CSE-Honours 2	0-2-6-2	
Pr	CS		Bouquet Course – 2	3-1-0-4	
OT	[+]		Bouquet Course – 3	3-1-0-4	
OT	[+]		HSS Elective - 2	3-1-0-4	
OT	[+]		Open Elective - 2	3-1-0-4	
In	CS		Computer Networks (H1)	3-1-0-2	Shatrunjay Rawat
D To	sh III w	l Some	Total 15-7-6-20 ester – CSD & LCD2K19		
Pr Pr	CS	ear 11 Seine	BTP I / CSE-Honours 2	0-2-6-2	
Pr	CS		Bouquet Course – 2	3-1-0-4	
Pr Pr	CS		-	3-1-0-4	
	HS		Bouquet Course – 3 HSS Elective - 2	3-1-0-4	
In				_	
In	OT		Open Elective - 2	3-1-0-4	
	CC			1 2 1 0 4	
Pr	CS		Stream Elective - 2	3-1-0-4	Shotmaniar Boyyat
Pr	CS CS		Computer Networks (H1)		Shatrunjay Rawat
Pr In	CS	ear II Seme	Computer Networks (H1) Total 18-8-6-24		Shatrunjay Rawat
Pr In B.Tec	CS	ear II Seme	Computer Networks (H1)		Nita Parekh + Marimuthu
Pr In B.Teo	CS ch III ye [+]		Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II	3-1-0-2	
Pr In B.Teo OT Pr	CS ch III yo [+] EC		Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2	3-1-0-2 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu
Pr In B.Tec OT Pr	CS [+] EC EC		Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu
Pr In B.Teo OT Pr Pr In	CS [+] EC EC HS		Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu
Pr In B.Teo OT Pr Pr In	CS [+] EC EC		Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2 BTP-I/ECE-Honours Project 2	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu
Pr In B.Tec OT Pr Pr In	CS [+] EC EC HS EC	SC1.111	Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2 BTP-I/ECE-Honours Project 2 Total 12-6-6-18	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu
Pr In OT Pr In In B.Tec	CS [+] EC EC HS EC	SC1.111	Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2 BTP-I/ECE-Honours Project 2	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu Krishnan Nita Parekh + Marimuthu
Pr In OT Pr In In OT OT OT	CS [+] EC EC HS EC [+]	SC1.111	Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2 BTP-I/ECE-Honours Project 2 Total 12-6-6-18 ster – ECD & LED2K19 Science II	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4 0-2-6-2 3-1-0-4	Nita Parekh + Marimuthu Krishnan
Pr In B.Tec OT Pr In In OT In Pr Pr	CS [+] EC EC HS EC [+] EC Eh III yo	SC1.111	Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2 BTP-I/ECE-Honours Project 2 Total 12-6-6-18 ster – ECD & LED2K19 Science II Open Elective 2	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4 0-2-6-2 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu Krishnan Nita Parekh + Marimuthu
Pr In OT Pr In In OT Pr Pr In Pr Pr Pr Pr	CS [+] EC EC HS EC [+] EC Eh III you [+] EC EC	SC1.111	Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2 BTP-I/ECE-Honours Project 2 Total 12-6-6-18 ster – ECD & LED2K19 Science II Open Elective 2 Stream Elective - 2	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4 0-2-6-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu Krishnan Nita Parekh + Marimuthu
Pr In OT Pr In In OT Pr Pr In Pr Pr Pr Pr	CS [+] EC EC HS EC [+] EC Eh III you	SC1.111	Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 BTP-I/ECE-Honours Project 2 Total 12-6-6-18 ster – ECD & LED2K19 Science II Open Elective 2 Stream Elective - 2 Stream Elective - 3	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4 0-2-6-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu Krishnan Nita Parekh + Marimuthu
Pr In B.Teo OT Pr Pr In In	CS [+] EC EC HS EC [+] EC Eh III you [+] EC EC	SC1.111	Computer Networks (H1) Total 18-8-6-24 ster – ECE: Science II Open Elective 2 Stream Elective - 2 HSS Elective - 2 BTP-I/ECE-Honours Project 2 Total 12-6-6-18 ster – ECD & LED2K19 Science II Open Elective 2 Stream Elective - 2	3-1-0-2 3-1-0-4 3-1-0-4 3-1-0-4 0-2-6-2 3-1-0-4 3-1-0-4 3-1-0-4	Nita Parekh + Marimuthu Krishnan Nita Parekh + Marimuthu

B.Te	ech III vo	ear II Seme	ester – CND		
Pr	CNS		CNS-Honours Project II	0-2-6-2	
n	HS	HS8.102	Intro to Human Sciences	3-1-0-4	Nimmi Rangaswamy (Coordinator)
r	CNS		CNS Elective-1	3-1-0-4	
r	CNS		CNS Elective-2	3-1-0-4	
r	CS		CS Elective-2	3-1-0-4	
r	OT		CCNSB Seminar	0 Cr.	
			Total 12-6-6-18		
3.Te	ech III ye	ear II Seme	ester – CLD:	I	l
					Nita Parekh + Marimuthu
n	SC	SC1.111	Science II	3-1-0-4	Krishnan
r	CL		CL-Honours Project 2	0-2-6-2	
r	CL		CL-Stream Elective 1	3-1-0-4	
r	CS		CS Elective 1	3-1-0-4	
n -	OT		Open Elective - 1	3-1-0-4	
n	HS		HSS Elective - 2	3-1-0-4	
n	CS		Computer Networks (H1)		Shatrunjay Rawat
	0.5		Total 18-8-6-24	3102	Sharanjay Rawar
3.Te	ch IV ve	ear II seme:	ster – CSE:	l l	
r	CS		Bouquet Core (*)	3-1-0-4	
	1 22		Elective (CS / Free)	3-1-0-4	
			Elective (CS / Free)	3-1-0-4	
)T	[+]		Science/Maths/Humanities/Engg	3-1-0-4	
)T	[+]		Science/Maths/Humanities/Engg	3-1-0-4	
<u>, 1</u>	[.]		Total 15-5-0-20	3101	
3 Te	ch IV ve	ar II seme	ster - CSD and LCD2K18		
r	CS	l seme	Bouquet Core (*)	3-1-0-4	
)T	[+]		Science/Maths/Humanities/Engg	3-1-0-4	
OT	[+]		Science/Maths/Humanities/Engg	3-1-0-4	
	L'1		Elective (CS / Free)	3-1-0-4	
) _r	CS		Research Stream/CS Course	3-1-0-4	
Pr	05	CSE494	CSE-Honours Project IV	0-0-8-4	
		CDLT/T	Total 15-5-8-24	0-0-0-4	
R Te	ch IV ve	ear II Seme	ester – ECE:	I	
)	[+]	l seme	Science/Maths/Humanities	3-1-0-4	
) DT	[+]		Science/Maths/Humanities	3-1-0-4	
r	EC		EC Elective	3-1-0-4	
r	EC		EC Elective	3-1-0-4	
1	LC		Free Elective	3-1-0-4	
			Total 15-5-0-20	3-1-0-4	
3.Te	ch IV ve	ar II Seme	ester – ECD and LED2K18		<u> </u>
)T	[+]		Science/Maths/Humanities	3-1-0-4	
)T	[+]		Science/Maths/Humanities	3-1-0-4	
	EC		EC Elective	3-1-0-4	
Pr Pr	EC		EC Elective	3-1-0-4	
	+ ==		Free Elective	3-1-0-4	
	1	ECE494	ECE-Honours Project IV	0-0-8-4	
		LODITA	Total 15-5-8-24	0 0-0-4	
R.Te	ch IV ve	ar II Seme	ster – CND		l
r	CS	mi ii buiit	Bouquet Core	3-1-0-4	
r	CNS	SCI473	CNS-Honours Project IV	0-0-8-4	
r	CNS	5017/3	CNS Elective	3-1-0-4	
DT	[+]		CNS Elective CNS Elective	3-1-0-4	
<i>)</i> 1	[[⁺]		CLID FIECTIAE	3-1-0-4	

	EG		Engg Elective	3-1-0-4	
			Free Elective	3-1-0-4	
		SCI400	CCNSB Seminar	0 Cr	
			Total 15-5-8-24		
B.Te	ch IV ye	ear II Seme	ester - CLD		
OT	[+]		Humanities Elective	3-1-0-4	
Pr	CS		Bouquet Core	3-1-0-4	
Pr	??		CL-Elective	3-1-0-4	
Pr	CS		CS Elective	3-1-0-4	
In	CS	CSE494	Honours Project IV	0-0-8-4	
			Total 12-4-8-20		
		-	PG Programmes	5	
CD	AD	CNO	CName	Credits	Faculty Name(s)
M.Te	ech I yea	r II Semes	ter - CSE		
			Bouquet core	3-1-0-4	
			Bouquet core	3-1-0-4	
			Area electives	3-1-0-4	
			Breadth Elective/Project/Independent Study	3-1-0-4	
			Total 12-4-0-16		
M.Te	ech II ye	ar II Seme	ester – CSE		
			Area elective / Bouquet core	3-1-0-4	
			Area elective / Bouquet core	3-1-0-4	
			Area /CS/Open elective	3-1-0-4	
			Area /CS/Open elective	3-1-0-4	
			Total 12-4-0-16		
M.Te	ech I yea	r II Semes	ter – CSIS		
		CSE538	System and Network Security	3-1-0-4	Ashok Kumar Das
		CSE418	Principles of Information Security	3-1-0-4	Ankit Gangawal
			Bouquet core elective	3-1-0-4	
			Bouquet core elective	3-1-0-4	
			Total 12-4-0-16		
M.Te	ech II ye		ester – CSIS		
		CSE704	PG-Project (8 Cr)	0-0-16-8	
		CSE581	Information Security Audit and Assurance	3-1-0-4	Shatrunjay Rawat
			Bouquet/Area/C/IT Elective	3-1-0-4	
			Total 6-2-16-16		
M.Te	ech I Ye	ar II Seme	ster – CASE		
			Computing Tools	3-1-3-4	Vikrampudi
			Electvie I	3-1-0-4	
			Electvie II	3-1-0-4	
			Elective III	3-1-0-4	
			Elective IV (Half Course)	3-1-0-2	
			Total 15-5-3-18		
M.Te	ech II Y	ear II Semo	ester – CASE		
			Elective	3-1-0-4	
			Elective	3-1-0-4	
			Elective	3-1-0-4	
			Elective	3-1-0-4	
			Total 12-4-0-16		
M.Te	ech II Y	ear II Semo	ester – Bioinformatics		
		SCI400	CCNSB Seminar	0 Cr	Deva Priyakumar
			Advanced Bioinformatics	3-1-0-4	Nita Parekh

	SCI860	Computational Biology Project / Elective	0-0-8-4	
		Domain/IT elective	3-1-0-4	
		Total 6-2-8-12		
	•	Electives	•	
	CNO	CName	Credits	Faculty Name(s)
lectives for	r CND Stud	ents		
	SCI761	Topics in Nanosciences	3-1-0-4	Tapan Kumar Sau
		Nonlinear Dynamics	3-1-0-4	Vinod PK
		Advanced Bioinformatics	3-1-0-4	Nita Parekh
		Introduction to Particle Physics	3-1-0-4	Subhadip Mitra
	SCI477	Machine Learning for Natural Sciences	3-1-0-4	Nita Parekh + Girish Varma + Prabhakar B
	SC2.301	Physics of Soft Condensed Matter	3-1-0-4	Marimuthu Krishnan
lectives for	r CLD Stud	-		
	CLG452	Linguistic Data 2: Collection & Modeling	3-1-0-4	Parameswari Krishnamurthy, HCU
	CS4.501	Social Computing	3-1-0-4	Vasudeva Varma
CE Electiv	es (Also ap	plicable as CSE/Open Electives)		
ote for UG	G ECE/ECD	Students: Please read carefully the guidelin	nes for choo	osing of ECE Electives before
Signal	Processing	Stream		
	Level 1			
	ECE442	Time Frequency Analysis	3-1-0-4	Anil Kumar V
	ECE431	Signal Detection and Estimation Theory	3-1-0-4	Praful Mankar
	Level 2			
		Medical Image Analysis	3-1-0-4	Jayanthi Sivaswamy
	CSE578	Computer Vision	3-1-0-4	Anoop Namboodiri
	CSE471	Statistical Methods in AI	3-1-0-4	Vineet Gandhi
Comm	nunications	Stream		
	Level 1			
	ECE431	Signal Detection and Estimation Theory	3-1-0-4	Praful Mankar
	EC5.205	Introduction to Coding Theory	3-1-0-2	Lalitha V
	Level 2			
		Machine Learning for Wireless	3-1-0-4	Ubaidulla
		Communications	3-1-0-4	
		Applied Electromagnetics	3-1-0-4	K R Sarma
	ECE537	Topics in Coding Theory	3-1-0-4	Prasad Krishnan
VLSI		ded Systems Stream		
\longrightarrow	Level 1			
\longrightarrow		Design Verification and System Verilog	3-1-0-4	Ganesh Bhuthekar
$-\!$	ECE463	Digital VLSI Design	3-1-0-4	Zia Abbas
\longrightarrow	Level 2			
		Applied Electromagnetics	3-1-0-4	K R Sarma
		Flexible Electronics	3-1-0-4	Aftab Hussain
	ECE562	1 icatore Electronies		
Robot	ics Stream	Treatore Electronics		
Robot		Treatore Electronics		
Robot	ics Stream	Robotics: Planning and Navigation	3-1-0-4	Madhava Krishna K
Robot	ics Stream		3-1-0-4 3-1-0-4	Madhava Krishna K Harikumar Kandath
Robot	ics Stream	Robotics: Planning and Navigation		
Robot	Level 1	Robotics: Planning and Navigation		

Electives for PG CASE Students CES442 Disaster Management 3-1-0-4 Sunitha P Pravin Ku Venkatesl CEW612 Design of Hydraulic Structures 3-1-0-4 Sunitha P CES617 Stability of Structures 3-1-0-4 Sunitha P CES641 Earthquake Engineering 3-1-0-4 Pradeep K CEG461 Remote Sensing 3-1-0-4 RC Prasac CEG422 Green Buildings 3-1-0-4 Vishal Ga CES771 CASE Project 4 credits Electives for PG Bioinformatics Students Nonlinear Dynamics 3-1-0-4 Vinod PK SC1761 Topics in Nanosciences 3-1-0-4 Tapan Ku Bouquet Courses Foundation Courses - Registration Limit: 200 CSE481 Optimization Methods 3-1-0-4 Kishore K Systems Courses - Registration Limit: 200 Data Systems 3-1-0-4 Krishna R Raghu Re CSE431 Distributed Systems (Max:100) Prerequisite: Operating Systems. Networks desirable	amar Venkat Rao + nwarlu M nana Lumar R d rg mar Sau
CES442 Disaster Management 3-1-0-4 Sunitha P Advanced Structural Analysis 3-1-0-4 Pravin Ku Venkatesl CEW612 Design of Hydraulic Structures 3-1-0-4 Shaik Ref CES617 Stability of Structures 3-1-0-4 Sunitha P CES641 Earthquake Engineering 3-1-0-4 Pradeep K CEG461 Remote Sensing 3-1-0-4 RC Prasac CEG422 Green Buildings 3-1-0-4 Vishal Ga CES771 CASE Project 4 credits CES771 CASE Project 4 credits CES771 Topics in Nanosciences 3-1-0-4 Vinod PK SCI761 Topics in Nanosciences 3-1-0-4 Tapan Ku Bouquet Courses Foundation Courses - Registration Limit: 200 CSE481 Optimization Methods 3-1-0-4 Kishore K Systems Courses - Registration Limit: 200 Data Systems 3-1-0-4 Krishna R CSE461 Software Engineering 3-1-0-4 Krishna R CSE431 Distributed Systems (Max:100) Prerequisite: 3-1-0-4 Lini Thom	nwarlu M nana Cumar R d rg mar Sau
CES442 Disaster Management 3-1-0-4 Sunitha P Advanced Structural Analysis 3-1-0-4 Pravin Ku Venkatesl CEW612 Design of Hydraulic Structures 3-1-0-4 Shaik Ref CES617 Stability of Structures 3-1-0-4 Sunitha P CES641 Earthquake Engineering 3-1-0-4 Pradeep K CEG461 Remote Sensing 3-1-0-4 RC Prasac CEG422 Green Buildings 3-1-0-4 Vishal Ga CES771 CASE Project 4 credits CES771 CASE Project 4 credits CES771 Topics in Nanosciences 3-1-0-4 Vinod PK SCI761 Topics in Nanosciences 3-1-0-4 Tapan Ku Bouquet Courses Foundation Courses - Registration Limit: 200 CSE481 Optimization Methods 3-1-0-4 Kishore K Systems Courses - Registration Limit: 200 Data Systems 3-1-0-4 Krishna R CSE461 Software Engineering 3-1-0-4 Raghu Re CSE431 Distributed Systems (Max:100) Prerequisite: 3-1-0-4 Lini Thon	nwarlu M nana Cumar R d rg mar Sau
Advanced Structural Analysis CEW612 Design of Hydraulic Structures 3-1-0-4 Shaik Ref CES617 Stability of Structures 3-1-0-4 Sunitha P CES641 Earthquake Engineering 3-1-0-4 Pradeep R CEG461 Remote Sensing 3-1-0-4 RC Prasace CEG422 Green Buildings 3-1-0-4 Vishal Ga CES771 CASE Project CES771 CASE Project Voinod PK SCI761 Topics in Nanosciences SCI761 Topics in Nanosciences Foundation Courses - Registration Limit: 200 CSE481 Optimization Methods Adv. Algorithms 3-1-0-4 Kishore K Systems Courses - Registration Limit: 200 Data Systems CSE431 Distributed Systems (Max:100) Prerequisite: 3-1-0-4 Lini Thon	nwarlu M nana Cumar R d rg mar Sau
Advanced Structural Analysis CEW612 Design of Hydraulic Structures 3-1-0-4 Shaik Ref CES617 Stability of Structures 3-1-0-4 Sunitha P CES641 Earthquake Engineering 3-1-0-4 Pradeep K CEG461 Remote Sensing 3-1-0-4 RC Prasac CEG422 Green Buildings 3-1-0-4 Vishal Ga CES771 CASE Project 4 credits Electives for PG Bioinformatics Students Nonlinear Dynamics SCI761 Topics in Nanosciences Foundation Courses - Registration Limit: 200 CSE481 Optimization Methods Adv. Algorithms 3-1-0-4 Kishore K Systems Courses - Registration Limit: 200 Data Systems CSE461 Software Engineering 3-1-0-4 Lini Thon CSE431 Distributed Systems (Max:100) Prerequisite: 3-1-0-4 Lini Thon	nwarlu M nana Cumar R d rg mar Sau
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CSE461 Software Engineering 3-1-0-4 Raghu Re CSE431 Distributed Systems (Max:100) Prerequisite: 3-1-0-4 Lini Thon	
CSF431 Distributed Systems (Max:100) Prerequisite: 3-1-0-4 Lini Thon	eddy
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L Linerating Systems (Networks desirable	nas
AI Courses	
CSE471 Statistical Methods in AI 3-1-0-4 Vineet Ga	
Computer Vision 3-1-0-4 Anoop Na	amboodiri
CSE/Open Electives	
CSE538 System and Network Security 3-1-0-4 Ashok Ku	
CSE595 ICTs for Development (Free Elective) 3-1-0-4 Nimmi Ra	ngaswamy
CSE581 Information Security Audit and Assurance 3-1-0-4 Shatrunja	
CS4.501 Social Computing 3-1-0-4 Vasudev	a Varma
CSE578 Computer Vision 3-1-0-4 Anoop Na	mboodiri
CSE498 Introduction to Game Theory 3-1-0-4 Sujit Guja	ır
CSE563 Internals of Application Servers 3-1-0-4 Ramesh L	oganathan
CSE586 Cognitive Neuroscience 3-1-0-4 Kavita Ve	muri
CSE588 Music, Mind, and Technology (Max:30) 3-1-0-4 Vinoo All	uri
CSE567 Usability Engineering 3-1-0-4 Priyanka S	Srivastava
CS7.601 Deep Learning: Theory and Practices (Max:80) 3-1-0-4 Naresh N	
	arlapalem
Advanced Ontimization: Theory and	•
Applications 3-1-0-4 Pawan K	umar
Behavioral Research: Statistical Methods (H2) Bapi Raj	u S + Vinoo Alluri
Engineering Electives (Random Selection) Max. no of students for each course is given i	
CES442 Disaster Management (40) 3-1-0-4 Sunitha P	
CEG461 Remote Sensing (40) 3-1-0-4 RC Prasac	<u></u>
CEG462 Hydro Informatics (40) 3-1-0-4 Shaik Rel	
	nana

	IMA303	Differential Equations	3-1-0-4	Lakshmi Burra
	IMA409	Multivariate Analysis	3-1-0-4	Venkateshwarlu M
		Linear Partial Differential Equations and Variational Calculus		Samyadeb Bhattacharya
Science Elec	tives (Rand	om selection) Max. no of students for each co	ourse is gi	ven in the brackets
		Molecular Modeling and Simulations (50)	3-1-0-4	Deva Priyakumar
		Nonlinear Dynamics(40)	3-1-0-4	Vinod PK
		Introduction to Particle Physics (40)	3-1-0-4	Subhadip Mitra
	SCI761	Topics in Nanosciences (25)	3-1-0-4	Tapan Kumar Sau
	SCI477	Machine Learning for Natural Sciences(10)	3-1-0-4	Nita Parekh + Girish Varma + Prabhakar B
	SC2.301	Physics of Soft Condensed Matter (40)	3-1-0-4	Marimuthu Krishnan
Humanities	Electives fo	r UG3 and UG4 (Random selection) Max. no	of studer	its for each course is 40
	HSS482	Digital Humanities Project	0-0-8-4	CEH Faculty (Register with faculty consent only)
	HSS317	Ethics	3-1-0-4	Don Deruz
	CSE595	ICTs for Development	3-1-0-4	Nimmi Rangaswamy
		Readings in Indian Literatures	3-1-0-4	Sushmita Banerjee
	HSS337	Comprehension of Indian Music	3-1-0-4	TK Saroja
	HS3.301	Alternate Religious Traditions in Indian History	3-1-0-4	Nilam Kakati
	HSS318	Introduction to Philosophy of Technology	3-1-0-4	Ashwin Jayanthi
		Literature, History and Belonging in Hyderabad	3-1-0-4	Nazia Akhter
	HSS445	Literature –American Classics	3-1-0-4	Aruna Chaluvadi
	HS7.301	Science, Technology and Society (Max: 15)	3-1-0-4	Radhika Krishnan

Sd/- Sd/Date: 4.12.2020 Dean (Academics) Director