## International Institute of Information Technology, Hyderabad Course offerings in 2022-23 Semester I (Monsoon)

## **UG Programmes**

Version-2 (6.7.2022)

	Version-2 (6.7.2022)						
CD	AD	CNO	CName	Credits	Faculty Name(s)		
B.T	ech I y	year I Sem	ester - CSE&CSD				
In	MA	MA5.101	Discrete Structures	3-1-0-4	Ashok Kumar Das + Venkatesh Choppella		
In	CS	CS0.101	Computer Programming	3-1-3-5	Vignesh Sivaraman + Abhishek Deshpande + Sudipta Banerjee		
In	EC	EC2.101	Digital Systems and Microcontrollers	3-1-3-5	Aftab M. Hussain, Harikumar K, Ubaidulla Pandarakkottilil		
In	MA	MA4.101	Real Analysis	3-1-0-4	Siddhartha Das + Diganta Das		
In	HS	OC2.101	Arts-1	2-0-0-2	Saroja T K (Coordinator)		
In	HS	OC3.101	Value Education-1	0-2-0-2	TBD		
In	HS	OC1.101	Sports-1	0-2-0-1	Physical Education Centre		
			Total 14-8-6-23				
B.T	ech I y	year I Sem	ester - ECE&ECD				
In	MA	EC5.101	Networks, Signals and Systems	3-1-0-4	Anshu Sarje, Santosh Nannuru		
In	CS	CS0.101	Computer Programming	3-1-3-5	Vignesh Sivaraman + Abhishek Deshpande + Sudipta Banerjee		
In	EC	EC2.101	Digital Systems and Microcontrollers	3-1-3-5	Aftab M. Hussain, Harikumar K, Ubaidulla Pandarakkottilil		
In	MA	MA4.101	Real Analysis	3-1-0-4	Siddhartha Das + Diganta Das		
In	CS	EC2.102	Electronic Workshop-1 (H2)	2-0-3-2	K Madhava Krishna, Chiranjeevi Yarra		
In	HS	OC2.101	Arts-1	2-0-0-2	Saroja T K (Coordinator)		
In	HS	OC3.101	Value Education-1		TBD		
In	HS	OC1.101	Sports-1		Physical Education Centre		
			Total 16-8-9-25				
B.T	ech I y	year I Sem	ester – CND				
In	MA	MA5.101	Discrete Structures	3-1-0-4	Ashok Kumar Das + Venkatesh Choppella		
In	CS	CS0.101	Computer Programming	3-1-3-5	Vignesh Sivaraman + Abhishek Deshpande + Sudipta Banerjee		
In	EC	EC2.101	Digital Systems and Microcontrollers	3-1-3-5	Aftab M. Hussain, Harikumar K, Ubaidulla Pandarakkottilil		
PR	MA	MA4.101	Real Analysis	3-1-0-4	Siddhartha Das + Diganta Das		
In	CNS	CN4.110	Computing in Sciences-1(H)	2-0-3-2	Prabhakar Bhimalapuram		
In	HS	OC2.101	Arts-1	2-0-0-2	Saroja T K (Coordinator)		
In	HS	OC3.101	Value Education-1	0-2-0-2	TBD		
In	HS	OC1.101	Sports-1	0-2-0-1	Physical Education Centre		
			Total 16-8-9-25				

In   MA   MA5.101   Discrete Structures   3-1-0-4   Ashok Kumar Das + Vet Choppella	ohishek nerjee umar K, lil						
In   MA   MAS.101   Discrete Structures   3-1-0-4   Choppella	ohishek nerjee umar K, lil						
In   CS   CS0.101   Computer Programming   3-1-3-5   Vignesh Sivaraman + Al Deshpande + Sudipta Ba   Aftab M. Hussain, Harik   Ubaidulla Pandarakkotti   In   CS   CL1.101   Introduction to Linguistics-1   3-1-0-4   Aditi Mukherjee   In   HS   OC2.101   Arts-1   2-0-0-2   Saroja T K (Coordinator In   HS   OC3.101   Value Education-1   0-2-0-2   TBD   Physical Education Cent   Total   14-8-6-23   B.Tech I   year I Semester - CHD	nerjee umar K, lil ) re						
In   CS   CS0.101   Computer Programming   S-1-3-5   Deshpande + Sudipta Ba	nerjee umar K, lil ) re						
In   EC   EC2.101   Digital Systems and Microcontrollers   3-1-3-5   Aftab M. Hussain, Harik Ubaidulla Pandarakkotti   In   CS   CL1.101   Introduction to Linguistics-1   2-0-0-2   Saroja T K (Coordinator In   HS   OC3.101   Value Education-1   0-2-0-1   TBD   Physical Education Cent   Total   14-8-6-23   B-Tech   year I Semester - CHD   In   MA   MA5.101   Discrete Structures   3-1-0-4   Ashok Kumar Das + Ver Choppella   Vignesh Sivaraman + Al Deshpande + Sudipta Ba   Aftab M. Hussain, Harik Ubaidulla Pandarakkotti   In   HS   HS8.101   Making of Contemporary World   3-1-3-5   Ubaidulla Pandarakkotti   In   HS   HS7.001   Human Sciences Lab-1 (H2)   3-1-0-2   Radhika Krishnan   In   OT   OC2.101   Arts-1   2-0-0-2   Saroja T K (Coordinator In   OT   OC3.101   Value Education-1   0-2-0-2   TBD   Physical Education Cent   Total   17-9-6-25   B-Tech II   year I Semester - CSE/CSD    In   MA   MA6.101   Probability and Statistics   3-1-0-4   Pawan Kumar + Tejas B   In   CS   CS1.302   Automata Theory (H1)   3-1-0-2   Sanatanav Chakraborty   In   CS   CS2.301   Data and Applications (H2)   3-1-0-2   Sanatanav Chakraborty   In   CS   CS2.302   Embedded Systems Workshop (H2)   1-0-3-3   Aftab M. Hussain, Harik   Ubaidulla Pandarakkotti   Ubaidulla Pa	umar K, lil ) re						
In   EC   EC2.101   Digital Systems and Microcontrollers   3-1-3-5   Ubaidulla Pandarakkotti	lil ) re						
In	re						
In   HS   OC2.101   Arts-1	re						
In   HS   OC3.101   Value Education-1   O-2-0-2   TBD     In   HS   OC1.101   Sports-1   O-2-0-1   Physical Education Cent     In   HS   OC1.101   Sports-1   O-2-0-1   Physical Education Cent     In   In   In   In   In   In   In	re						
In   HS   OC1.101   Sports-1   Total   14-8-6-23							
Total 14-8-6-23							
B.Tech   year   Semester - CHD	ıkatesh						
In	ıkatesh						
In	ikaiesii						
In CS CS0.101 Computer Programming  In EC EC2.101 Digital Systems and Microcontrollers  In HS HS8.101 Making of Contemporary World In HS HS7.001 Human Sciences Lab-1 (H2) In OT OC2.101 Arts-1 In OT OC3.101 Value Education-1 In OT OC1.101 Sports-1 In OT OC1.101 Sports-1 In CS CS1.301 Algorithm Analysis and Design In CS CS1.301 Algorithm Analysis and Design In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In CS CS3.202 Embedded Systems Workshop (H2) In OT OC3.101 Value Education-1 (H1) In CS CS0.101 Value Education-1 (H1) In CS CS1.301 Data and Applications (H2) In CS CS1.301 Value Education-1 (H1) In CS CS1.302 Sports-3 In CS CS1.303 Sports-3 In CS CS0.202 Embedded CS1.304 (H1-21; H2-22) In CS CS0.202 I year I Semester  In CS CS0.204 I Semester  In CS CS0.205 I Semester  In CS CS0.207 I Semester  In CS CS0.208 Embedded CS1.308 Sports-3 In CS CS0.209 I Semester  In CS CS0.209 I Semester  In CS CS0.200 I Semester							
In EC EC2.101 Digital Systems and Microcontrollers  In HS HS8.101 Making of Contemporary World In HS HS7.001 Human Sciences Lab-1 (H2) In OT OC2.101 Arts-1 In OT OC3.101 Value Education-1 In OT OC1.101 Sports-1 In OT OC1.101 Sports-1 In OS CS1.301 Algorithm Analysis and Design In CS CS1.301 Algorithm Analysis and Design In CS CS3.301 Operating Systems and Networks In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In EC EC3.202 Embedded Systems Workshop (H2) In OT OC3.101 Value Education-1 (H1) In CS CS1.301 Value Education-1 (H1) In CS CS3.301 Data and Applications (H2) In CS CS3.301 Operating Systems workshop (H2) In CS CS3.301 Value Education-1 (H1) In CS CS3.301 Value Educatio	ohishek						
In HS HS8.101 Making of Contemporary World In HS HS8.101 Human Sciences Lab-1 (H2) In OT OC2.101 Arts-1 In OT OC3.101 Value Education-1 In OT OC1.101 Sports-1 In OT OC3.101 Probability and Statistics In CS CS1.301 Algorithm Analysis and Design In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In CS CS4.301 Value Education-1 (H2) In CS CS3.202 Embedded Systems Workshop (H2) In CO CC3.101 Value Education-1 (H1) In CS CC3.101 Value Education-1 (H1) In CS CS1.301 Value Education Cent (CS4.201 Physical Education Cent (CS5.202 Physical Education (H2) (CS5.202 Physical Education (H2) (CS5.202 Physical Education (H2) (CS5.202 Physical Education (H2) (CS5.202 Physical Education Cent (H3) (CS5.203 Physical Education Cent (H4)	nerjee						
In HS HS8.101 Making of Contemporary World In HS HS7.001 Human Sciences Lab-1 (H2) In OT OC2.101 Arts-1 In OT OC2.101 Arts-1 In OT OC3.101 Value Education-1 In OT OC1.101 Sports-1 In OT OC1.101 Sports-1 In MA MA6.101 Probability and Statistics In CS CS1.301 Algorithm Analysis and Design In CS CS3.301 Operating Systems and Networks In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In EC EC3.202 Embedded Systems Workshop (H2) In OT OC3.101 Value Education-1 (H1) In CS CS1.301 Value Education-1 (H1) In CS CS1.301 Value Education (H2) In CS CS3.301 Data and Applications (H2) In CS CS4.301 Data and Applications (H2) In CS CS4.301 Probability and Statistics In OT OC3.101 Value Education-1 (H1) In CS CS4.302 Embedded Systems Workshop (H2) In CS CS4.303 Sports-3 In OT OC3.101 Value Education-1 (H1) In CS-CS-2K22 I year I Semester	umar K,						
In HS HS7.001   Human Sciences Lab-1 (H2)   3-1-0-2   Radhika Krishnan	lil						
In OT OC2.101   Arts-1   2-0-0-2   Saroja T K (Coordinator In OT OC3.101   Value Education-1   0-2-0-2   TBD							
In OT OC3.101 Value Education-1  In OT OC1.101 Sports-1  Total 17-9-6-25  B.Tech II year I Semester - CSE/CSD  In MA MA6.101 Probability and Statistics  In CS CS1.301 Algorithm Analysis and Design In CS CS3.301 Operating Systems and Networks In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In EC EC3.202 Embedded Systems Workshop (H2)  Pr MA MA4.101 Real Analysis In OT OC3.101 Value Education-1 (H1) In OT OC3.101 Value Education-1 (H1) In OT OC2.103 Sports-3  Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester							
In OT OC1.101 Sports-1  Total 17-9-6-25  B.Tech II year I Semester - CSE/CSD  In MA MA6.101 Probability and Statistics  In CS CS1.301 Algorithm Analysis and Design  In CS CS3.301 Operating Systems and Networks  In CS CS1.302 Automata Theory (H1)  In CS CS4.301 Data and Applications (H2)  In EC EC3.202 Embedded Systems Workshop (H2)  Pr MA MA4.101 Real Analysis  In OT OC3.101 Value Education-1 (H1)  In CS CSD-2K22 I year I Semester  O-2-0-1 Physical Education Cent  Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester	)						
B.Tech II year I Semester - CSE/CSD  In MA MA6.101 Probability and Statistics  In CS CS1.301 Algorithm Analysis and Design In CS CS3.301 Operating Systems and Networks In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In EC EC3.202 Embedded Systems Workshop (H2) In EC EC3.202 Embedded Systems Workshop (H2) In OT OC3.101 Value Education-1 (H1) In OT OC3.101 Value Education-1 (H1) In HS OC2.103 Sports-3 In O2-0-1 Physical Education Cent Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester							
B.Tech II year I Semester - CSE/CSD  In MA MA6.101 Probability and Statistics 3-1-0-4 Pawan Kumar + Tejas B  In CS CS1.301 Algorithm Analysis and Design 3-1-0-4 Suryajith Chillara  In CS CS3.301 Operating Systems and Networks 3-1-0-4 Krishna Reddy Polepalli  In CS CS1.302 Automata Theory (H1) 3-1-0-2 Shantanav Chakraborty  In CS CS4.301 Data and Applications (H2) 3-1-0-2 Ponnurangam Kumaragu  In EC EC3.202 Embedded Systems Workshop (H2) 1-0-3-3 Aftab M. Hussain + Zia  Pr MA MA4.101 Real Analysis 3-1-0-4 Samyadeb Bhattacharya  In OT OC3.101 Value Education-1 (H1) 0-2-0-2 Radhika Mamidi (Coord  In HS OC2.103 Sports-3 0-2-0-1 Physical Education Cent  Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester	re						
In MA MA6.101 Probability and Statistics  In CS CS1.301 Algorithm Analysis and Design In CS CS3.301 Operating Systems and Networks In CS CS3.301 Operating Systems and Networks In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In EC EC3.202 Embedded Systems Workshop (H2) In EC EC3.202 Embedded Systems Workshop (H2) In OT OC3.101 Value Education-1 (H1) In OT OC3.101 Value Education-1 (H1) In HS OC2.103 Sports-3 In OT-0-2 Radhika Mamidi (Coord D-2-0-1 Physical Education Cent Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester							
In CS CS1.301 Algorithm Analysis and Design  In CS CS3.301 Operating Systems and Networks  In CS CS1.302 Automata Theory (H1)  In CS CS4.301 Data and Applications (H2)  In EC EC3.202 Embedded Systems Workshop (H2)  Pr MA MA4.101 Real Analysis  In OT OC3.101 Value Education-1 (H1)  In HS OC2.103 Sports-3  In CS CS1.301 Algorithm Analysis and Design  3-1-0-4 Krishna Reddy Polepalli  3-1-0-2 Shantanav Chakraborty  1-0-3-3 Aftab M. Hussain + Zia  3-1-0-4 Samyadeb Bhattacharya  1-0-3-3 Aftab M. Hussain + Zia  1-0-3-3 Aftab M. Hussain + Zia  1-0-4 Samyadeb Bhattacharya  1-0-2-0-1 Physical Education Cent  1-0-2-0-1 Physical Education Cent							
In CS CS3.301 Operating Systems and Networks In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In EC EC3.202 Embedded Systems Workshop (H2) In OT OC3.101 Value Education-1 (H1) In HS OC2.103 Sports-3  Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester	odas						
In CS CS1.302 Automata Theory (H1)  In CS CS4.301 Data and Applications (H2)  In EC EC3.202 Embedded Systems Workshop (H2)  Pr MA MA4.101 Real Analysis  In OT OC3.101 Value Education-1 (H1)  In HS OC2.103 Sports-3  Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester							
In CS CS1.302 Automata Theory (H1) In CS CS4.301 Data and Applications (H2) In EC EC3.202 Embedded Systems Workshop (H2) In OT OC3.101 Value Education-1 (H1) In HS OC2.103 Sports-3 In OT OC3.101 Semester  LE-CSD-2K22 I year I Semester							
In CS CS4.301 Data and Applications (H2)  In EC EC3.202 Embedded Systems Workshop (H2)  Pr MA MA4.101 Real Analysis  In OT OC3.101 Value Education-1 (H1)  In HS OC2.103 Sports-3  Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester							
In         EC         EC3.202         Embedded Systems Workshop (H2)         1-0-3-3         Aftab M. Hussain + Zia           Pr         MA         MA4.101         Real Analysis         3-1-0-4         Samyadeb Bhattacharya           In         OT         OC3.101         Value Education-1 (H1)         0-2-0-2         Radhika Mamidi (Coord           In         HS         OC2.103         Sports-3         0-2-0-1         Physical Education Cent           Total 19-10-3-26 (H1-21; H2-22)           LE-CSD-2K22 I year I Semester	ru						
Pr         MA         MA4.101         Real Analysis         3-1-0-4         Samyadeb Bhattacharya           In         OT         OC3.101         Value Education-1 (H1)         0-2-0-2         Radhika Mamidi (Coord           In         HS         OC2.103         Sports-3         0-2-0-1         Physical Education Cent           Total 19-10-3-26 (H1-21; H2-22)           LE-CSD-2K22 I year I Semester							
In         HS         OC2.103         Sports-3         0-2-0-1         Physical Education Cent           Total 19-10-3-26 (H1-21; H2-22)           LE-CSD-2K22 I year I Semester							
In         HS         OC2.103         Sports-3         0-2-0-1         Physical Education Cent           Total 19-10-3-26 (H1-21; H2-22)           LE-CSD-2K22 I year I Semester	inator)						
Total 19-10-3-26 (H1-21; H2-22)  LE-CSD-2K22 I year I Semester							
LE-CSD-2K22 I year I Semester							
In MA MA6.101 Probability and Statistics 3-1-0-4 Pawan Kumar + Tejas B							
In CS CS1.301 Algorithm Analysis and Design 3-1-0-4 Suryajith Chillara	odas						
In CS CS3.301 Operating Systems and Networks 3-1-0-4 Krishna Reddy Polepalli	odas						
In CS CS1.302 Automata Theory (H1)  3-1-0-2 Shantanav Chakraborty							
In CS CS4.301 Data and Applications (H2)  3-1-0-2 Ponnurangam Kumaragu							
In HS OC2.101 Sports-1 0-2-0-1 Physical Education Cent							
Total 15-7-0-17 (H1-15; H2-15)	ıru						
B.Tech II year I Semester - ECE/ECD & LED-2K22 I year I semester	ıru						
Pr         MA         MA6.102         Probability and Random Processes         3-1-0-4         Praful Mankar	ıru						

					Chinania ani Vanna   Iarranthi
Pr	EC	EC5.201	Signal Processing	3-1-3-5	Chiranjeevi Yarra + Jayanthi Sivaswamy
Pr	EC	EC5.202	Systems Thinking	3-1-0-4	Spandan Roy + Vinod Palakkad Krishnanunni
Pr	EC	EC2.201	VLSI Design	3-1-0-4	Zia Abbas
Pr			Real Analysis		Samyadeb Bhattacharya
	OT		Value Education-1 (H1)		Radhika Mamidi (Coordinator)
In In	HS	OC2.103	( /		Physical Education Centre
111	пъ	OC2.103	Total 15-9-3-24 (H1-24; H2-22)	0-2-0-1	Filysical Education Centre
R T	ech II	voor I Son	nester –CND		
D. 1	ccii ii	year 1 Ser	licster –CAD		
In			Probability and Random Processes		Praful Mankar
In	CS		Quantum Mechanics		Subhadip Mitra
In	CS	SC3.101	Introduction to Biology	3-1-0-4	Vinod Palakkad Krishnanunni
In	CS	SC4.101	Science Lab I (H1)	0-0-3-2	Tapan Kumar Sau +Prabhakar
		501.101	Science Luo I (III)	0032	Bhimalapuram
PR	CNS	CS1.301	Algorithm Analysis and Design	3-1-0-4	Suryajith Chillara
Pr	MA	MA4.101	Real Analysis	3-1-0-4	Samyadeb Bhattacharya
In	CS		Data and Applications (H2)		Ponnurangam Kumaraguru
In	OT		Value Education-1 (H1)		Radhika Mamidi (Coordinator)
Pr	HS	OC2.103	` '		Physical Education Centre
			Total 17-9-6-27 (H1-25; H2-23)		
B.T	ech II	year I Sen	mester –CLD		
In			Probability and Statistics	3-1-0-4	Pawan Kumar + Tejas Bodas
In	CS	CL2.203	Language and Society	3-1-0-4	Dipti Mishra Sharma
			Computational Linguistics II: Comp		
In	CS	CL3.202	Semantics and Discourse parsing	3-1-0-4	Radhika Mamidi
In	CS	CS1.301	Algorithm Analysis and Design	3-1-0-4	Suryajith Chillara
_	ГС	ECO 101	D: :/ 10 / 11		Aftab M. Hussain, Harikumar K,
In	EC	EC2.101	Digital Systems and Microcontrollers	3-1-3-5	Ubaidulla Pandarakkottilil
In	OT	OC3.101	Value Education-1 (H1)	0-2-0-2	Radhika Mamidi (Coordinator)
Pr	HS	OC2.103	Sports-3	0-2-0-1	Physical Education Centre
			Total 15-9-3-24 (H1-24; H2-22)		
B.T	ech II	year I Sen	nester –CHD		
In	MA	MA6.101	Probability and Statistics	3-1-0-4	Pawan Kumar + Tejas Bodas
Pr	HS	HS0.201	Thinking and Knowing in the Human Sciences - I	3-1-0-4	Sushmita Banerji + Ashwin Jayanti
Pr	HS	HS0.202	Thinking and Knowing in the Human Sciences - II	3-1-0-4	Nazia Akhtar + Radhika Krishnan
In	CS	CS1.301	Algorithm Analysis and Design	3-1-0-4	Suryajith Chillara
In	CS	CS4.301	Data and Applications (H2)		Ponnurangam Kumaraguru
In	CS	CS1.302	Automata Theory (H1)		Shantanav Chakraborty
In	OT	OC3.101	Value Education-1 (H1)		Radhika Mamidi (Coordinator)
Pr	HS		Sports-3		Physical Education Centre
			Total 17-9-3-23 (H1-21; H2-19)		
B.T	ech II	I year I Se	mester – CSE		
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Pr	EC	EC3.202	Embedded Systems Workshop (H1)	1-0-3-3	Sachin Chaudhari + Abhishek Srivastava
Pr	CS		Bouquet Course – 1	3-1-0-4	2
ОТ	Sc		Science Elective – 1	3-1-0-4	
ОТ	HS		HS Elective-1	3-1-0-4	
ОТ	OE		Open Elective-1	3-1-0-4	
Pr	CS		CSE-Honours-1 (Optional)	0-2-6-2	
			Total 12-4-9-19/21		
B.T	ech II	I year I Se	emester - CSD		
Pr	EC		Embedded Systems Workshop (H1)	1-0-3-3	Sachin Chaudhari + Abhishek Srivastava
Pr	CS		Bouquet Course – 1	3-1-0-4	
OT	Sc		Science Elective – 1	3-1-0-4	
OT	HS		HS Elective-1	3-1-0-4	
OT	OE		Open Elective-1	3-1-0-4	
PR	CS		Stream Elective-1	3-1-0-4	
Pr	CS		CSE-Honours-1	0-2-6-2	
			Total 16-7-9-25		
LE-	CSD-2	2K21 II ye	ear I Semester		
Pr	CS		Bouquet Course – 1	3-1-0-4	
OT	Sc		Science Elective – 1	3-1-0-4	
OT	HS		HS Elective-1	3-1-0-4	
OT	OE		Open Elective-2	3-1-0-4	
PR	CS		Stream Elective-1	3-1-0-4	
Pr	CS	CS9.302	CSE-Honours-1	0-2-6-2	
			Total 15-7-6-22		
B.T	ech II	I year I Se	emester – ECE		
Pr	EC		Stream Foundation-2	3-1-0-4	
Pr	EC		Stream Elective-1	3-1-0-4	
OT	OE		Open Elective-1	3-1-0-4	
OT	OE		Open Elective-2	3-1-0-4	
OT	HS		HSS Elective-1	3-1-0-4	
Pr	EC		ECE-Honours-1 (Optional)	0-2-6-2	
			Total 15-5-0-20/22		
B.T	ech II	I year I Se	mester – ECD and LED-2K21 II year I	Semester	
Pr	EC		Stream Foundation-2	3-1-0-4	
Pr	EC		Stream Elective-1	3-1-0-4	
OT	OE		Open Elective-1	3-1-0-4	
OT	OE		Open Elective-2	3-1-0-4	
OT	HS		HSS Elective-1	3-1-0-4	
Pr	EC		ECE-Honours-1	0-2-6-2	
			Total 15-5-6-22		
B.T	ech II	I year <mark>I S</mark> e	mester – CND		
In	CS	CS3.301	Operating Systems and Networks	3-1-0-4	Krishna Reddy Polepalli
Pr	CNS	SC2.304	Spectroscopy(H1)	3-1-0-2	Krishnan Marimuthu
Pr	CNS	SC2.305	Chemical Kinetics and Reaction Dynamics (H2)	3-1-0-2	Prabhakar Bhimalapuram
Pr	CNS	SC3.202	Bioinformatics (H1)	3-1-0-2	Nita Parekh

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Pr	CNS	SC3.203	Systems Biology (H2)	3-1-0-2	Vinod Palakkad Krishnanunni
Pr	CS		CS elective - 1	3-1-0-4	
Pr	CNS	SC9.302	CNS Honors - 1	0-2-6-2	
Pr C	CNS	SC9.600	CCNSB seminar - 1	0 Cr	Abhishek Deshpande
			Total 12-4-6-18		
B.Tec	ch II	I year I Se	mester – CLD		
	CS		Operating Systems and Networks	3-1-0-4	Krishna Reddy Polepalli
Pr	CL	CS7.501	Advanced NLP	3-1-0-4	Manish Srivastava
Pr	ОТ		Open Elective-2	3-1-0-4	
Pr	CS		CS Elective-1	3-1-0-4	
OT :	HS		HSS Elective - 1	3-1-0-4	
Pr	CL	CL9.302	CL-Honours-1	0-2-6-2	
			Total 15-7-6-22		
B.Tec	ch II	I year I Se	mester – CHD		
In	CS	CS3.301	Operating Systems and Networks	3-1-0-4	Krishna Reddy Polepalli
Pr	HS	HS0.303	Applied Ethics	3-1-0-4	Ashwin Jayanti/Guest Faculty
Pr	ОТ		Open Elective-3	3-1-0-4	
Pr	CS		CS Elective-1	3-1-0-4	
OT	HS		Human Sciences Elective-2	3-1-0-4	
Pr	HS	HS9.302	HS-Honours-1	0-2-6-2	
			Total 15-7-6-22		
B.Tec	ch IV	year I Se	mester - CSE		
In	CS	CS9.401/ CS9.402	BTP II / CSE-Honours Project III	0-2-6-2	
Pr	HS	HS0.203	Basics of Ethics (H1)	3-1-0-2	Ashwin Jayanti
Pr	CS		Bouquet Core-4	3-1-0-4	
Pr	OE		Open Elective-3	3-1-0-4	
Pr	OE		Open Elective-4	3-1-0-4	
			Total 12-6-6-16		
B.Tec	ch IV	vear I Se	mester - CSD		
	CS		CSE-Honours Project III	0-2-6-2	
<del></del>	HS		Basics of Ethics (H1)	3-1-0-2	Ashwin Jayanti
Pr	CS		Stream Elective-3	3-1-0-4	
Pr	CS		Bouquet Core-4	3-1-0-4	
Pr	OE		Open Elective-3	3-1-0-4	
	OE		Open Elective-4	3-1-0-4	
$\neg \uparrow$			Total 15-7-6-20		
LE-C	CSD-2	2K20 III v	ear I Semester		
	CS		CSE-Honours Project III	0-2-6-2	
	HS		Basics of Ethics (H1)	3-1-0-2	Ashwin Jayanti
	CS		Stream Elective-3	3-1-0-4	
	CS		Bouquet Core-4	3-1-0-4	
-	OE		Open Elective-4	3-1-0-4	
	OE		Open Elective-5	3-1-0-4	
PT			-		<del> </del>
PI			Total 15-5-6-20		

	1			ı	
In	EC	EC9.401/ EC9.402	BTP II/ECE-Honours Project III	0-2-6-2	
In	HS	HS0.203	Basics of Ethics (H1)	3-1-0-2	Ashwin Jayanti
Pr	EC		Stream Elective-3	3-1-0-4	,
Pr	OE		Open Elective-3	3-1-0-4	
ОТ	SC		Science Elective-1	3-1-0-4	
			Total 12-4-6-16		
B.T	ech IV	year I Se	mester – ECD and LED-2K20 III ye	ar I semester	
In	EC	EC9.402	ECE-Honours Project III	0-2-6-2	
Pr	EC		Stream Elective-4	3-1-0-4	
Pr	EC		Stream Elective-5	3-1-0-4	
Pr	OE		Open Elective-3	3-1-0-4	
ОТ	SC		Science Elective-1	3-1-0-4	
In	HS	HS0.203	Basics of Ethics (H1)	3-1-0-2	Ashwin Jayanti
			Total 15-7-6-20		•
B.T	ech IV	year I Se	mester – CND		
Pr		SC9.402	CNS-Honours Project III	0-2-6-2	
Pr	CNS		CNS Elective-3	3-1-0-4	
Pr	CS		CS Elective-3	3-1-0-4	
Pr	CS		CS Elective-4	3-1-0-4	
In	HS	HS0.203	Basics of Ethics (H1)	3-1-0-2	Ashwin Jayanti
Pr	CNS	SC9.600	CCNSB Seminar-3	0 Cr	Abhishek Deshpande
			Total 12-6-6-16		
B.T	ech IV	year I Se	mester – CLD		
Pr	CL	CL9.402	CL-Honours Project III	0-2-6-2	
Pr	CL		CL Stream Elective-2	3-1-0-4	
Pr	CL		CL Stream Elective-3	3-1-0-4	
Pr	CS		CS Elective-3	3-1-0-4	
In	OE		Open Elective-2	3-1-0-4	
In	HS	HS0.203	Basics of Ethics (H1)	3-1-0-2	Ashwin Jayanti
			Total 15-7-6-20		
B.T	ech IV	year I Se	mester – CHD		
Pr	HS	HS9.402	HS-Honours Project-3	0-2-6-2	
OT	HS		Human Sciences Elective-4	3-1-0-4	
OT	HS		Human Sciences Elective-5	3-1-0-4	
Pr	MA		Maths Elective	3-1-0-4	
Pr	CS		CS Elective-4	3-1-0-4	
ОТ	OT		Open Elective-3	3-1-0-4	
			Total 15-7-6-22		
B.T	ech V	year I Sen	nester – CND		
Pr	CNS	SC9.605	Thesis	12 Cr	
OT	OT		Open Elective 1	3-1-0-4	
Pr	CNS	SC9.600	CCNSB seminar - 5	0 Cr	
			Total 3-1-0-16		

## **PG Programmes**

CD	AD	CNO	CName	Credits	Faculty Name(s)
M.T	ech I	year I Sen	nester - CSE & CSIS		
In	CS	CS1.304	Data Structures & Algorithms for Problem Solving	3-0-2-6	Vineet Gandhi
In	MA	MA6.301	Maths for Computer Science 1- Probability and Statistics (H1)	3-1-0-2	Pawan Kumar
In	MA	MA6.302	Maths for Computer Science 2 - Linear Algebra (H2)	3-1-0-2	Girish Varma
In	CS	CS6.302	Software Systems Development	3-0-2-4	Charu Sharma
In	CS	CS3.304	Advanced Operating Systems	3-1-0-4	Manish Srivastava
			Total 12-1-5-18		
M.T	ech I	I year I Se	mester – CSE		
Pr	CS		Bouquet Core	3-1-0-4	
Pr	CS		Bouquet Core	3-1-0-4	
Pr	OT		Area Elective	3-1-0-4	
Pr	CS		Breadth Elective/Project/Independent Study	3-1-0-4	
			Total 12-4-0-16		
* 1	most	1 credits	can be converted to Project/Independent	t Study in	lian of course credits(66)
			mester – CSIS		
Pr	CS		Research in Information Security	2 1 0 4	Ashok Kumar Das
Pr	CS		Advanced Computer Networks	3-1-0-4	
Pr	CS	CS5.402	Bouquet Elective	3-1-0-4	Ankit Gangwal
-	CS		Area/CS/IT Elective	3-1-0-4	
Pr	CS			3-1-0-4	
		N I C	Total 12-4-0-16		
			mester – CASE	2 1 0 4	G 'A P I'
In	SE		Structural Dynamics		Sunitha Palissery
In	CS		Computer Problem Solving	+	Lini Teresa Thomas
In	SE		Finite Element Methods		Venkateswarlu Mandadi
ln	SE		Structural Engineering Design Studio		Pradeep Kumar Ramancharla
In	SE	CE0.501	Theory of Elasticity	3-1-0-4	P Pravin Kumar Venkat Rao
			Total 15-5-0-20		
M.T	ech I	I Year I Se	mester – CASE		
In	CS	CE9.609	IoT Workshop	3-1-0-4	Nagamanikandan Govindan + Sachin Chaudhari
In	CE		CASE Elective-4	3-1-0-4	
In	CE		CASE Elective-5	3-1-0-4	
In	CE		CASE Elective-6	3-1-0-4	
In	CE		CASE Elective-7	3-1-0-4	
			Total 15-5-0-20		
M.T	ech I	Year I Sei	nester – Product Design and Manageme	nt	
In	CS	CS6.302	Software Systems Development (Optional)	3-1-0-4	Charu Sharma
Pr	CS	CS9.501	User Research Methods (H2)	3-1-0-2	Priyanka Srivastava
Pr	PD	PD1.301	Design Thinking - Research to Define (H1)	3-1-0-2	Raman Saxena
Pr	PD	PD1.401	Design Thinking - Idea to Evaluate (H2)	3-1-0-2	Raman Saxena
Pr	PD	PD2.401	Product Management 101 (H1)	3-1-0-2	Ramesh Loganathan / Ramesh Swaminathan

Pr	PD	PD2.321	Business Fundamentals-1 (H1)	3-1-0-2	Himanshu Warudkar			
Pr	PD	PD2.421	Business Fundamentals-2 (H2)	3-1-0-2	Himanshu Warudkar			
In	OT	OC9.600	Institute Seminar	0-0-0-1	Guest Speakers			
In	CS	CS9.410	PG-Project	0-0-2-1	Ramesh Loganathan			
			Total 15-5-2-18/22					
M.T	M.Tech I Year II Semester – Product Design and Management							
Pr	PD		Business Finance (H1)	3-1-0-2	TBD			
In	OT	OC9.600	Institute Seminar	0-0-0-1	Guest Speakers			
In	CS	CS9.410	PG-Project	0-0-2-1	Ramesh Loganathan			
Pr	PD		Product Design Elective 1	3-1-0-2				
Pr	PD		Product Design Elective 2	3-1-0-2				
Pr	PD		Product Design Elective 3	3-1-0-2				
Pr	PD		Business Elective 1	3-1-0-2				
Pr	PD		Business Elective 2	3-1-0-2				
Pr	PD		Business Elective 3	3-1-0-2				
			Total 21-7-2-16					

## **Electives**

	CNO	CName	Credits	Faculty Name(s)
Elec	tives for CND S	Students		
	SC1.310	Open Quantum Systems and Quantum Thermodynamics	3-1-0-4	Samyadeb Bhattacharya
	SC1.421	Introduction to Quantum Field Theory (40)	3-1-0-4	Diganta Das
		Topics in Nanosciences	3-1-0-4	Tapan Kumar Sau
		Data Driven Drug Discovery	3-1-0-4	Deva Priyakumar
Elec	tives for CLD S	 Students		
	CS4.406	Information Retrieval & Extraction	3-1-0-4	Vasudeva Varma Kalidindi
	EC5.408	Speech Signal Processing	3-1-0-4	Anil Kumar Vuppala
	CS9.426	Intro to Cognitive Science	3-1-0-4	Vishnu Sreekumar
	CL5.401	Topics in SSMT	3-1-0-4	Rajeev Sangal + Anil Kumar V + Dipti M Sharms + Chiranjeevi Y
		Speech Analysis and Linguistics	3-1-0-4	Chiranjeevi Yarra
ECE	Electives (Also	applicable as CSE/Open Electives)		
l	e for UG ECE/EG stering.	CD Students: Please read carefully the guid	elines for	choosing of ECE Electives before
		ng & Communications Stream		
		Digital Image Processing	3-1-0-4	Santosh Ravi Kiran
		Speech Signal Processing		Anil Kumar Vuppala
		Statistical Methods in AI		Anoop Namboodiri
	EC5.407	Wireless Communications	3-1-0-4	Praful Mankar
	EC5.406	Signal Detection and Estimation Theory	3-1-0-4	Santosh Nannuru
	VLSI and Emb	edded Systems Stream		
		Analog IC Design		Abhishek Srivastava
	EC2.407	Design for Testability	3-1-0-4	Usha Gogineni (Guest Faculty)
		Principles of Semiconductor Devices	3-1-0-4	Anshu Sarje
	Robotics Stream	m		

	CS7.503	Mobile Robotics	3-1-0-4	K Madhava Krishna
		Digital Image Processing		Santosh Ravi Kiran
		Robotics: Dynamics and Control	3-1-0-4	Spandan Roy + Nagamanikandan Govindan
	CS7.403	Statistical Methods in AI	3-1-0-4	Anoop Namboodiri
	0271.00			ano op 1 (unio e ouri
Electives	for PG CA	ASE students		
	CS4.408	Spatial Informatics	3-1-0-4	Rajan Krishnan Sundara
	CE1.607	Earthquake Resistant Design of Masonry Structures	3-1-0-4	P Pravin Kumar Venkat Rao
	CE1.604	Advanced Structural Design	3-1-0-4	Sunitha Palissery
	CS9.428	Environmental Science & Technology	3-1-0-4	Ramachandra Prasad Pillutla
	CE1.605	IS Codes on Design and Structural Safety Assessment	3-1-0-4	Pradeep Kumar Ramancharla
	CE1.509	Structural Wind Engineering	3-1-0-4	Rehana Shaik
		CASE Seminar	0-2-0-2	Pradeep Kumar R + Sunitha Palissery
Electives	for PG PD	OM students		•
		Human Computer Interaction (HCI)	3-1-0-2	Raman Saxena
PD		Product Design Workshop	3-1-0-2	Prakash Yalla + Deepak Guna
Electives		Design of Wearable Systems (H2)	3-1-0-2	Raghu Reddy
		Game Design and Engineering	3-1-0-4	Kavita Vemuri
<b>.</b> /		Technology Product Entrepreneurship 1(H1)	3-1-0-2	Ramesh Loganathan
Business/ Entrepren Electives		Technology Product Entrepreneurship 2(H2)	3-1-0-2	Ramesh Loganathan
Liectives		Organizational Operations	3-1-0-2	TBD
		Product Markets	3-1-0-2	TBD
Bouquet (	Courses -N	<b>Max. no of students for each course is give</b>	en in the	brackets
Theory				
— ·				
	CS1.405	Modern Complexity Theory (100)	3-1-0-4	Srinathan Kannan
	CS1.405 CS1.402	Modern Complexity Theory (100) Principles of Programming Languages (100)	3-1-0-4	Srinathan Kannan  Venkatesh Choppella + Mrityunjay  Kumar (PhD Scholar)
Systems		Principles of Programming Languages		Venkatesh Choppella + Mrityunjay
		Principles of Programming Languages		Venkatesh Choppella + Mrityunjay
	CS1.402	Principles of Programming Languages (100)	3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)
	CS1.402 CS3.401	Principles of Programming Languages (100)  Distributed Systems (150)	3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar) Kishore Kothapalli
Systems	CS1.402 CS3.401 CS4.401 CS3.402	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)	3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar) Kishore Kothapalli Kamalakar Karlapalem
Systems	CS1.402 CS3.401 CS4.401	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)	3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar) Kishore Kothapalli Kamalakar Karlapalem
Systems	CS1.402 CS3.401 CS4.401 CS3.402 Intelligence	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)	3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar) Kishore Kothapalli Kamalakar Karlapalem Ankit Gangwal
Systems	CS1.402 CS3.401 CS4.401 CS3.402 Intelligence CS7.403	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)  ce  Statistical Methods in AI (200)	3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)  Kishore Kothapalli  Kamalakar Karlapalem  Ankit Gangwal  Anoop Namboodiri
Systems	CS1.402 CS3.401 CS4.401 CS3.402 Intelligent CS7.403 CS4.406	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)  ce  Statistical Methods in AI (200)  Information Retrieval & Extraction (100)	3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)  Kishore Kothapalli Kamalakar Karlapalem Ankit Gangwal  Anoop Namboodiri  Vasudeva Varma Kalidindi
Systems	CS1.402 CS3.401 CS4.401 CS3.402 Intelligent CS7.403 CS4.406 CS7.501	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)  ce  Statistical Methods in AI (200)  Information Retrieval & Extraction (100)  Advanced NLP (100)	3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)  Kishore Kothapalli Kamalakar Karlapalem Ankit Gangwal  Anoop Namboodiri  Vasudeva Varma Kalidindi  Manish Srivastava
Systems Artificial	CS1.402 CS3.401 CS4.401 CS3.402 Intelligent CS7.403 CS4.406 CS7.501	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)  See  Statistical Methods in AI (200)  Information Retrieval & Extraction (100)  Advanced NLP (100)  Data Analytics I (100)	3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)  Kishore Kothapalli Kamalakar Karlapalem Ankit Gangwal  Anoop Namboodiri  Vasudeva Varma Kalidindi  Manish Srivastava
Systems Artificial	CS1.402 CS3.401 CS4.401 CS3.402 Intelligent CS7.403 CS4.406 CS7.501 CS4.405	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)  ce  Statistical Methods in AI (200)  Information Retrieval & Extraction (100)  Advanced NLP (100)	3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)  Kishore Kothapalli Kamalakar Karlapalem Ankit Gangwal  Anoop Namboodiri  Vasudeva Varma Kalidindi  Manish Srivastava Krishna Reddy Polepalli  Vishnu Sreekumar
Systems Artificial	CS1.402 CS3.401 CS4.401 CS3.402 Intelligent CS7.403 CS4.406 CS7.501 CS4.405	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)  ce  Statistical Methods in AI (200)  Information Retrieval & Extraction (100)  Advanced NLP (100)  Data Analytics I (100)  Intro to Cognitive Science (50)	3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)  Kishore Kothapalli Kamalakar Karlapalem Ankit Gangwal  Anoop Namboodiri  Vasudeva Varma Kalidindi  Manish Srivastava Krishna Reddy Polepalli  Vishnu Sreekumar
Systems  Artificial  IT + X	CS1.402 CS3.401 CS4.401 CS3.402 Intelligent CS7.403 CS4.406 CS7.501 CS4.405	Principles of Programming Languages (100)  Distributed Systems (150)  Data Systems (150)  Advanced Computer Networks (150)  ce  Statistical Methods in AI (200)  Information Retrieval & Extraction (100)  Advanced NLP (100)  Data Analytics I (100)  Intro to Cognitive Science (50)	3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4 3-1-0-4	Venkatesh Choppella + Mrityunjay Kumar (PhD Scholar)  Kishore Kothapalli Kamalakar Karlapalem Ankit Gangwal  Anoop Namboodiri  Vasudeva Varma Kalidindi  Manish Srivastava Krishna Reddy Polepalli  Vishnu Sreekumar

CSE/Op	en Electives	S		
	CS8.501	Research in Information Security	3-0-1-4	Ashok Kumar Das
	CS9.425	Social Science Perspective on HCI (Open Elective) (Max:60 Students)	3-1-0-4	Nimmi Rangaswamy
	CS3.403	Distributing Trust and Block Chains (Max: 40 Students)	3-1-0-4	Sujit P Gujar
	CS9.428	Environmental Science & Technology (Open Elective)	3-1-0-4	Ramachandra Prasad Pillutla
	CS9.427	Introduction to Neural and Cognitive Modeling	3-1-0-4	Bapiraju Surampudi
	CL3.202	Computational Linguistics II: Comp Semantics and Discourse parsing	3-1-0-4	Radhika Mamidi
	CS9.421	Behavioral Research & Experimental Design (50)	3-1-0-4	Vinoo A R
	CS9.424	Technology Product Entrepreneurship (50)	3-1-0-4	Ramesh Loganathan + Prakash Yalla
	CE5.502	Hydrological modelling and Software Development (40) (Open Elective)	3-1-0-4	Rehana Shaik
	CS6.501	Topics in Software Engineering	3-1-0-4	Raghu Babu Reddy Y
	CS9.423	Introduction to Neuroeconomics (26)	3-1-0-4	Kavita Vemuri + Guest faculty
	CS7.504	Fairness, Privacy and Ethics in AI	3-1-0-4	Sujit P Gujar
	CL5.401	Topics in SSMT	3-1-0-4	Rajeev Sangal + Anil Kumar V + Dipti M Sharms + Chiranjeevi Y
	CS9.429	Design for Social Innovation	3-1-0-4	Ramesh Loganathan + Ramana Gogula
	CS7.601	Deep Learning: Theory and Practices	3-1-0-4	Naresh Manwani
	CS5.502	Advanced Graphics AR/VR	3-1-0-4	Avinash Sharma +Narayanan P J
		Advances in Data Mining		Vikram Pudi
		Game Design and Engineering	3-1-0-4	Kavita Vemuri
		Learning and Memory	3-1-0-4	Bhaktee Dongaonkar
		Multi Agent Systems (40)	3-1-0-4	Praveen Paruchuri + Meghna Lowalekar
		Information Theory	3-1-0-4	Lalitha Vadlamani + Arti Yardi
		Speech Analysis and Linguistics	3-1-0-4	Chiranjeevi Yarra
		Modern Coding Theory	3-1-0-4	Prasad Krishnan
		Bio Instrumentation & Devices-2	3-1-0-1	Anshu Sarje
Math El	ectives (Rai	ndom selection) Maximum no. of students	for the	following courses is: 50 each)
	MA4.405	Multivariate Analysis	3-1-0-4	Venkateswarlu Mandadi
	CS1.407	Entropy and Information	3-1-0-4	Indranil Chakrabarty
	MA8.401	Topics in Applied Optimization	3-1-0-4	Pawan Kumar
Caiomas	Flootives (D		oook o	ungo ig givon in the burgelests
Science	Liectives <u>(R</u>	andom selection) Max. no of students for	each cou	irse is given in the brackets
	SC3.320	Advanced Biomolecular Architecture (65)	3-1-0-4	TBD
	SC3.321	Biomolecular Structure Interaction & Dynamics (35) Prerequisites: ABA, GSC or equivalent	3-1-0-4	B.Gopalakrishnan

	SC1.310	Open Quantum Systems and Quantum Thermodynamics (40)	3-1-0-4	Samyadeb Bhattacharya
	SC1.320	Introduction to Stochastic Processes (40)	3-1-0-4	Bhaswar Ghosh
	SC3.316	Mathematical Models in Biology (40)	3-1-0-4	Abhishek Deshpande
	SC1.421	Introduction to Quantum Field Theory (40)	3-1-0-4	Diganta Das
		Data Driven Drug Discovery (40)	3-1-0-4	Deva Priyakumar
		Topics in Nanosciences (60)	3-1-0-4	Tapan Kumar Sau
Humanities Electives for UG3 and UG4 (Random selection) Max. no of students for each course is 40				
	HS1.205	Understanding Raga: Semi Classical Forms of Indian Music	3-1-0-4	Saroja T K
		Theories and Practices of Nationalism (25)	3-1-0-4	Aniket Alam
	HS3.201	Introduction to History	3-1-0-4	Aniket Alam
	HS2.201	Introduction to Sociology	3-1-0-4	Radhika Krishnan
	HS2.202	Intro to Psychology	3-1-0-4	Priyanka Srivastava
	HS8.201	Gender and Society	3-1-0-4	Sushmita Banerji
	HS1.301	Critical Viewing and Reading (25)	3-1-0-4	Sushmita Banerji
	CS9.425	Social Science Perspective on HCI (80)	3-1-0-4	Nimmi Rangaswamy
	HS1.204	Introduction to Literature	3-1-0-4	Nazia Akhtar
	HS4.301	Environment & Politics in India	3-1-0-4	Radhika Krishnan

Sd/Date:24.6.2022 Dean (Academics)