

Course offerings in 2020-21 Semester II (Spring)

Version-3 (24.12.2020)

UG Programmes

| CD | AD | CNO | CName | Credits | Faculty Name(s) |
|---|-----|---------|--|---------|---------------------------------------|
| B.Tech II year II Semester – CSE&CSD & LCD2K20 | | | | | |
| In | CS | CS6.301 | Design and Analysis of Software Systems | 3-1-0-4 | Ramesh Loganathan |
| Pr | CS | CS7.301 | Machine, Data and Learning | 3-1-0-4 | Praveen P |
| In | HS | HS8.102 | Intro to Human Sciences | 3-1-0-4 | Nimmi Rangaswamy (Coordinator) |
| Pr | SC | SC1.111 | Science II | 3-1-0-4 | Nita Parekh + Marimuthu 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 | | |
| Theory/Foundations Courses | | | | | |
| | | CS9.312 | 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 |
| Systems/Applications Courses | | | | | |
| | | 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 |
| | | CS9.301 | Introduction to Brain and Cognition (H1) | 3-1-0-2 | Bapi Raju S + Kavita Vemuri |
| | | CS7.302 | Computer Graphics (H2) | 3-1-0-2 | Avinash Sharma |
| B.Tech II year II Semester 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 | | |
| Electives for UG2 ECE/ECD/LED Students | | | | | |
| | | EC2.203 | Intro to Bio Electronics (H2) | 3-1-0-2 | Syed Azeemuddin + Prabhakar |
| | | EC5.205 | Introduction to Coding Theory(H1) | 3-1-0-2 | Lalitha V |
| B.Tech II year II Semester CND | | | | | |
| In | CS | CS2.201 | Computer System Organization | 3-1-0-4 | Deepak Gangadharan |
| Pr | CS | CS7.301 | Machine, Data and Learning | 3-1-0-4 | Praveen P |
| In | CS | CS6.301 | Design and Analysis of Software Systems | 3-1-0-4 | Ramesh Loganathan |
| Pr | CNS | SC1.204 | Thermodynamics (H1) | 3-1-0-2 | Harjinder Singh |
| Pr | CNS | SC1.205 | Statistical Mechanics (H2) | 3-1-0-2 | Harjinder Singh |
| Pr | CNS | SC2.203 | 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 | | |
| B.Tech II year II Semester CLD | | | | | |
| 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 | CS7.303 | Digital Signal Analysis (H2) | 3-1-0-2 | Anil Kumar V |
| Pr | CS | CS6.301 | Design and Analysis of Software Systems | 3-1-0-4 | Ramesh Loganathan |
| Pr | CS | CS7.301 | Machine, Data and Learning | 3-1-0-4 | Praveen P |
| In | HS | HS8.102 | Introduction to Human Sciences | 3-1-0-4 | Nimmi Rangaswamy (Coordinator) |
| 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 18-8-0-26 | | |
| B.Tech II year II Semester CHD | | | | | |
| In | CS | CS2.201 | Computer System Organization | 3-1-0-4 | Deepak Gangadharan |
| Pr | CS | CS7.301 | Machine, Data and Learning | 3-1-0-4 | Praveen P |
| In | CS | CS6.301 | Design and Analysis of Software Systems | 3-1-0-4 | Ramesh Loganathan |
| Pr | HS | HS0.302 | Research Methods in Human Sciences | 3-1-0-4 | Aniket Alam |
| Pr | HS | HS7.301 | Science, Technology and Society | 3-1-0-4 | Radhika Krishnan |
| In | CS | CS1.302 | Automata Theory (H2) | 3-1-0-2 | Srinathan K |
| Pr | HS | HS2.302 | Gender, Kinship, and State Law (H2) | 3-1-0-2 | Rama Srinivasan |
| In | HS | OC3.102 | Value Education II | 0-2-0-2 | Radhika M (Coordinator) |
| | | | Total 21-9-0-26 | | |
| B.Tech III year II Semester – CSE: | | | | | |
| 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 | CS3.305 | Computer Networks (H1) | 3-1-0-2 | Shatrunjay Rawat |
| | | | Total 15-7-6-20 | | |
| B.Tech III year II Semester – CSD & LCD2K19 | | | | | |
| Pr | CS | | BTP I / CSE-Honours 2 | 0-2-6-2 | |
| Pr | CS | | Bouquet Course – 2 | 3-1-0-4 | |
| Pr | CS | | Bouquet Course – 3 | 3-1-0-4 | |
| In | HS | | HSS Elective - 2 | 3-1-0-4 | |
| In | OT | | Open Elective - 2 | 3-1-0-4 | |
| Pr | CS | | Stream Elective - 2 | 3-1-0-4 | |
| In | CS | CS3.305 | Computer Networks (H1) | 3-1-0-2 | Shatrunjay Rawat |
| | | | Total 18-8-6-24 | | |
| B.Tech III year II Semester – ECE: | | | | | |
| OT | [+] | SC1.111 | Science II | 3-1-0-4 | Nita Parekh + Marimuthu Krishnan |
| Pr | EC | | Open Elective 2 | 3-1-0-4 | |
| Pr | EC | | Stream Elective - 2 | 3-1-0-4 | |
| In | HS | | HSS Elective - 2 | 3-1-0-4 | |
| In | EC | | BTP-I/ECE-Honours Project 2 | 0-2-6-2 | |
| | | | Total 12-6-6-18 | | |
| B.Tech III year II Semester – ECD & LED2K19 | | | | | |
| OT | [+] | SC1.111 | Science II | 3-1-0-4 | Nita Parekh + Marimuthu Krishnan |
| Pr | EC | | Open Elective 2 | 3-1-0-4 | |
| Pr | EC | | Stream Elective - 2 | 3-1-0-4 | |
| Pr | EC | | Stream Elective - 3 | 3-1-0-4 | |
| In | HS | | HSS Elective - 2 | 3-1-0-4 | |
| Pr | EC | | ECE-Honours Project 2 | 0-2-6-2 | |
| | | | Total 15-7-6-22 | | |

| | | | | | |
|---|-----|---------|-------------------------------|------------------|----------------------------------|
| B.Tech III year II Semester – CND | | | | | |
| Pr | CNS | | CNS-Honours Project II | 0-2-6-2 | |
| In | HS | HS8.102 | Intro to Human Sciences | 3-1-0-4 | Nimmi Rangaswamy (Coordinator) |
| Pr | CNS | | CNS Elective-1 | 3-1-0-4 | |
| Pr | CNS | | CNS Elective-2 | 3-1-0-4 | |
| Pr | CS | | CS Elective-2 | 3-1-0-4 | |
| Pr | OT | | CCNSB Seminar | 0 Cr. | |
| | | | Total | 12-6-6-18 | |
| B.Tech III year II Semester – CLD: | | | | | |
| In | SC | SC1.111 | Science II | 3-1-0-4 | Nita Parekh + Marimuthu Krishnan |
| Pr | CL | | CL-Honours Project 2 | 0-2-6-2 | |
| Pr | CL | | CL-Stream Elective 1 | 3-1-0-4 | |
| Pr | CS | | CS Elective 1 | 3-1-0-4 | |
| In | OT | | Open Elective - 1 | 3-1-0-4 | |
| In | HS | | HSS Elective - 2 | 3-1-0-4 | |
| In | CS | CS3.305 | Computer Networks (H1) | 3-1-0-2 | Shatrunjay Rawat |
| | | | Total | 18-8-6-24 | |
| B.Tech IV year II semester – CSE: | | | | | |
| Pr | CS | | Bouquet Core (*) | 3-1-0-4 | |
| | | | Elective (CS / Free) | 3-1-0-4 | |
| | | | Elective (CS / Free) | 3-1-0-4 | |
| OT | [+] | | Science/Maths/Humanities/Engg | 3-1-0-4 | |
| OT | [+] | | Science/Maths/Humanities/Engg | 3-1-0-4 | |
| | | | Total | 15-5-0-20 | |
| B.Tech IV year II semester - CSD and LCD2K18 | | | | | |
| Pr | CS | | Bouquet Core (*) | 3-1-0-4 | |
| OT | [+] | | Science/Maths/Humanities/Engg | 3-1-0-4 | |
| OT | [+] | | Science/Maths/Humanities/Engg | 3-1-0-4 | |
| | | | Elective (CS / Free) | 3-1-0-4 | |
| Pr | CS | | Research Stream/CS Course | 3-1-0-4 | |
| | | CSE494 | CSE-Honours Project IV | 0-0-8-4 | |
| | | | Total | 15-5-8-24 | |
| B.Tech IV year II Semester – ECE: | | | | | |
| O | [+] | | Science/Maths/Humanities | 3-1-0-4 | |
| OT | [+] | | Science/Maths/Humanities | 3-1-0-4 | |
| Pr | EC | | EC Elective | 3-1-0-4 | |
| Pr | EC | | EC Elective | 3-1-0-4 | |
| | | | Free Elective | 3-1-0-4 | |
| | | | Total | 15-5-0-20 | |
| B.Tech IV year II Semester – ECD and LED2K18 | | | | | |
| OT | [+] | | Science/Maths/Humanities | 3-1-0-4 | |
| OT | [+] | | Science/Maths/Humanities | 3-1-0-4 | |
| Pr | EC | | EC Elective | 3-1-0-4 | |
| Pr | EC | | EC Elective | 3-1-0-4 | |
| | | | Free Elective | 3-1-0-4 | |
| | | ECE494 | ECE-Honours Project IV | 0-0-8-4 | |
| | | | Total | 15-5-8-24 | |
| B.Tech IV year II Semester – CND | | | | | |
| Pr | CS | | Bouquet Core | 3-1-0-4 | |
| Pr | CNS | SCI473 | CNS-Honours Project IV | 0-0-8-4 | |
| Pr | CNS | | CNS Elective | 3-1-0-4 | |
| OT | [+] | | CNS Elective | 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.Tech IV year II Semester - 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 | | | | | |
| CD | AD | CNO | CName | Credits | Faculty Name(s) |
| M.Tech I year II Semester - 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.Tech II year II Semester – 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.Tech I year II Semester – 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.Tech II year II Semester – 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.Tech I Year II Semester – CASE | | | | | |
| | | CS0.302 | 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.Tech II Year II Semester – 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.Tech II Year II Semester – Bioinformatics | | | | | |
| | | SCI400 | CCNSB Seminar | 0 Cr | Deva Priyakumar |

| | | | | | |
|---|--|----------------|--|----------------|--|
| | | SC3.303 | Advanced Bioinformatics | 3-1-0-4 | Nita Parekh |
| | | SCI860 | Computational Biology Project / Elective | 0-0-8-4 | |
| | | | Domain/IT elective | 3-1-0-4 | |
| | | | Domain/IT elective | 3-1-0-4 | |
| | | | Total 9-3-8-16 | | |
| Electives | | | | | |
| | | CNO | CName | Credits | Faculty Name(s) |
| Electives for CND Students | | | | | |
| | | SCI761 | Topics in Nanosciences | 3-1-0-4 | Tapan Kumar Sau |
| | | SC1.315 | Nonlinear Dynamics | 3-1-0-4 | Vinod PK |
| | | SC3.303 | Advanced Bioinformatics | 3-1-0-4 | Nita Parekh |
| | | SC1.320 | 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 |
| Electives for CLD Students | | | | | |
| | | CLG452 | Linguistic Data 2: Collection & Modeling | 3-1-0-4 | Parameswari Krishnamurthy, HCU |
| | | CS4.501 | Social Computing | 3-1-0-4 | Vasudeva Varma |
| ECE Electives (Also applicable as CSE/Open Electives) | | | | | |
| Note for UG ECE/ECD Students: Please read carefully the guidelines for choosing of ECE Electives before registering. | | | | | |
| 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 | | | |
| | | EC5.405 | 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 |
| Communications 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 | | | |
| | | EC2.405 | Applied Electromagnetics | 3-1-0-4 | K R Sarma |
| | | ECE537 | Topics in Coding Theory | 3-1-0-4 | Prasad Krishnan |
| VLSI and Embedded Systems Stream | | | | | |
| | | Level 1 | | | |
| | | EC2.404 | Design Verification and System Verilog | 3-1-0-4 | Ganesh Bhuthekar |
| | | ECE463 | Digital VLSI Design | 3-1-0-4 | Zia Abbas |
| | | Level 2 | | | |
| | | EC2.405 | Applied Electromagnetics | 3-1-0-4 | K R Sarma |
| | | ECE562 | Flexible Electronics | 3-1-0-4 | Aftab Hussain |
| Robotics Stream | | | | | |
| | | Level 1 | | | |
| | | EC4.403 | Robotics: Planning and Navigation | 3-1-0-4 | Madhava Krishna K |
| | | EC4.402 | Intro to UAV Design | 3-1-0-4 | Harikumar Kandath |
| | | Level 2 | | | |
| | | CSE578 | Computer Vision | 3-1-0-4 | Anoop Namboodiri |
| | | CSE471 | Statistical Methods in AI | 3-1-0-4 | Vineet Gandhi |

| | | | | | |
|--|------------------------|---------|--|-----------|--|
| | | ECE551 | Advances in Robotics & Control | 3-1-0-4 | Spandan Roy |
| | | | | | |
| Electives for PG CASE Students | | | | | |
| | | CES442 | Disaster Management | 3-1-0-4 | Sunitha P |
| | | CE1.603 | Advanced Structural Analysis | 3-1-0-4 | Pravin Kumar Venkat Rao + Venkateshwarlu M |
| | | CEW612 | Design of Hydraulic Structures | 3-1-0-4 | Shaik Rehana |
| | | CES617 | Stability of Structures | 3-1-0-4 | Sunitha P |
| | | CES641 | Earthquake Engineering | 3-1-0-4 | Pradeep Kumar R |
| | | CEG461 | Remote Sensing | 3-1-0-4 | RC Prasad |
| | | CEG422 | Green Buildings | 3-1-0-4 | Vishal Garg |
| | | CES771 | CASE Project | 4 credits | |
| Electives for PG Bioinformatics Students | | | | | |
| | | SC1.315 | Nonlinear Dynamics | 3-1-0-4 | Vinod PK |
| | | SCI761 | Topics in Nanosciences | 3-1-0-4 | Tapan Kumar Sau |
| Bouquet Courses - Registration Limit: 200 | | | | | |
| | Theory Courses | | | | |
| | | CSE481 | Optimization Methods | 3-1-0-4 | Jawahar CV |
| | | CS1.406 | Adv. Algorithms | 3-1-0-4 | Kishore Kothapalli |
| | Systems Courses | | | | |
| | | CS4.401 | Data Systems | 3-1-0-4 | Krishna Reddy |
| | | CSE461 | Software Engineering | 3-1-0-4 | Raghu Reddy |
| | | CSE431 | Distributed Systems (Max:100) Prerequisite: Operating Systems. Networks desirable | 3-1-0-4 | Lini Thomas |
| | AI Courses | | | | |
| | | CSE471 | Statistical Methods in AI | 3-1-0-4 | Vineet Gandhi |
| | | CSE578 | Computer Vision | 3-1-0-4 | Anoop Namboodiri |
| CSE/Open Electives | | | | | |
| | | CS7.401 | Introduction to NLP | 3-1-0-4 | Manish Shrivastava |
| | | CSE538 | System and Network Security | 3-1-0-4 | Ashok Kumar Das |
| | | CSE595 | ICTs for Development (Free Elective) | 3-1-0-4 | Nimmi Rangaswamy |
| | | CSE581 | Information Security Audit and Assurance | 3-1-0-4 | Shatrunjay Rawat |
| | | CS4.501 | Social Computing | 3-1-0-4 | Vasudeva Varma |
| | | CSE578 | Computer Vision | 3-1-0-4 | Anoop Namboodiri |
| | | CSE498 | Introduction to Game Theory | 3-1-0-4 | Sujit Gujar |
| | | CSE563 | Internals of Application Servers | 3-1-0-4 | Ramesh Loganathan |
| | | CSE586 | Cognitive Neuroscience | 3-1-0-4 | Kavita Vemuri |
| | | CSE588 | Music, Mind, and Technology (Max:30) | 3-1-0-4 | Vinoo Alluri |
| | | CSE567 | Usability Engineering | 3-1-0-4 | Priyanka Srivastava |
| | | CS7.601 | Deep Learning: Theory and Practices (Max:80) | 3-1-0-4 | Naresh Manwani |
| | | CS4.403 | Distributed Data Systems (Max:30) | 3-1-1-4 | Kamal Karlapalem |
| | | CS1.501 | Advanced Optimization: Theory and Applications | 3-1-0-4 | Pawan Kumar |
| | | CS9.422 | Behavioral Research: Statistical Methods (H2) | 3-0-1-2 | Bapi Raju S + Vinoo Alluri |
| Engineering Electives (Random Selection) Max. no of students for each course is given in the brackets | | | | | |
| | | CES442 | Disaster Management (40) | 3-1-0-4 | Sunitha P |
| | | CEG461 | Remote Sensing (40) | 3-1-0-4 | RC Prasad |
| | | CEG462 | Hydro Informatics (40) | 3-1-0-4 | Shaik Rehana |
| | | CEG422 | Green Buildings (40) | 3-1-0-4 | Vishal Garg |

| Math Electives (Random selection) Maximum no. of students for the following courses is: 50 each | | | | | |
|--|--|---------|--|---------|--|
| | | IMA303 | Differential Equations | 3-1-0-4 | Lakshmi Burra |
| | | IMA409 | Multivariate Analysis | 3-1-0-4 | Venkateshwarlu M |
| | | MA4.302 | Linear Partial Differential Equations and Variational Calculus | 3-1-0-4 | Samyadeb Bhattacharya |
| Science Electives (Random selection) Max. no of students for each course is given in the brackets | | | | | |
| | | SC2.316 | Molecular Modeling and Simulations (50) | 3-1-0-4 | Deva Priyakumar |
| | | SC1.315 | Nonlinear Dynamics (40) | 3-1-0-4 | Vinod PK |
| | | SC1.320 | 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 for UG3 and UG4 (Random selection) Max. no of students 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 Dcruz |
| | | CSE595 | ICTs for Development | 3-1-0-4 | Nimmi Rangaswamy |
| | | HS1.202 | 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 |
| | | HS1.203 | 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 |

Date: 4.12.2020

**Sd/-
Dean (Academics)**

**Sd/-
Director**