

Classroom/Lab Location Chart

Classroom

| Room No. | Building | Floor |
|---|-----------------------|---------------------|
| C01, C02, C03 | Old Academic Building | Ground Floor |
| C11, C12, C13 | Old Academic Building | 1st Floor |
| C21, C22, C23, C24 | Old Academic Building | 2nd Floor |
| A006, A007, B001, B002 | R&D Building | Ground Floor |
| A102, A106, B105 | R&D Building | 1st Floor |
| C101, C102 | Lecture Hall Complex | 1st Floor |
| C201, C208, C209, C210, C211, C212, C213, C214, C215, C216 | Lecture Hall Complex | 2nd Floor |
| L1, L2, L3 | Library Building | 1st, 2nd, 3rd Floor |

LAB

| | | |
|---------|----------------------|-----------|
| 301-306 | Lecture Hall Complex | 3rd Floor |
| 315-321 | Lecture Hall Complex | 3rd Floor |

Course Offering Winter Semester AY 2022-23

| Offering Department | Course Code | Course Name | Accronym | Instructor | Credit | Semester |
|---------------------|---------------|---|----------|-----------------------------|--------|----------|
| Ist Year | | | | | | |
| CB | BIO101 | Foundations of Biology | FOB | Sriram K. | 4 | SEM II |
| CSE | CSE102 | Data Structures and Algorithms (Sec A) | DSA | Piyus Kedia | 4 | SEM II |
| CSE | CSE102 | Data Structures and Algorithms (Sec B) | DSA | Subhabrata Samajder | 4 | SEM II |
| CSE | CSE112 | Computer Organisation (Sec A) | CO | Sujay Deb | 4 | SEM II |
| ECE | CSE112 | Computer Organisation (Sec B) | CO | Tammam Tillo | 4 | SEM II |
| CSE | CSE140 | Introduction to Intelligent Systems | IIS | Jainendra Shukla | 4 | SEM II |
| HCD | DES101 | Design Drawing and Visualization | DDV | Anoop Ratn (V) | 4 | SEM II |
| HCD | DES202 | Visual Design & Communication | VDC | Anoop Ratn (V) | 4 | SEM II |
| ECE | ECE113 | Basic Electronics (Sec A) | BE | Ram Krishna Ghosh | 4 | SEM II |
| ECE | ECE113 | Basic Electronics (Sec B) | BE | Ram Krishna Ghosh | 4 | SEM II |
| MATHS | MTH201 | Probability and Statistics (Sec A) | P&S | Sanjit Kaul | 4 | SEM II |
| ECE | MTH201 | Probability and Statistics (Sec B) | P&S | Subhajit Ghosechowdhury (L) | 4 | SEM II |
| SSH | SOC101 | Introduction to Sociology and Anthropology | ISA | Paro Mishra | 4 | SEM II |
| SSH | ECO223 | Money and Banking | MB | Kiriti Kanjilal | 4 | SEM II |
| SSH | SSH101 | Critical Thinking and Readings in Social Sciences | CTRSS | Praveen Priyadarshi | 4 | SEM II |
| II YEAR | | | | | | |
| CB | BIO213 | Introduction to Quantitative Biology | IQB | Jaspreet Kaur | 4 | SEM IV |
| CB | BIO221 | Practical Bioinformatics | PB | Tavpritesh Sethi | 4 | SEM IV |
| CSE | CSE202 | Fundamentals of Database Systems (Sec A) | DBMS | Vikram Goyal | 4 | SEM IV |
| CSE | CSE202 | Fundamentals of Database Systems (Sec B) | DBMS | Mukesh Mohania | 4 | SEM IV |
| CSE | CSE222 | Analysis and Design of Algorithms (Sec A) | ADA | Diptapriyo Majumdar | 4 | SEM IV |
| CSE | CSE222 | Analysis and Design of Algorithms (Sec B) | ADA | Debarka Sengupta | 4 | SEM IV |
| CSE | CSE322 | Theory of Computation | ToC | Syamantak Das | 4 | SEM IV |
| CSE | CSE342/ECE356 | Statistical Machine Learning | SML | Jerripothula Koteswar | 4 | SEM IV |
| HCD | DES205 | Design of Interactive Systems | DIS | Dhurjati Majumdar (PoP) | 4 | SEM IV |
| HCD | DES206 | Prototyping Interactive Systems | PIS | Anmol Srivastava | 4 | SEM IV |
| ECE | ECE214 | Integrated Electronics | IE | Abhijit Mitra | 4 | SEM IV |
| ECE | ECE230 | Fields and Waves | F&W | Sayak Bhattacharya | 4 | SEM IV |
| ECE | ECE240 | Principles of Communication Systems | PCS | Ranjitha P | 4 | SEM IV |
| MATHS | MTH204 | Maths IV - ODE/PDE (Sec A) | M-IV | Sneha Chaubey | 4 | SEM IV |
| MATHS | MTH204 | Maths IV - ODE/PDE (Sec B) | M-IV | Ashish Kumar Pandey | 4 | SEM IV |
| MATHS | MTH212 | Abstract Algebra I | AA-I | Krishanu Roy (L) | 4 | SEM IV |
| MATHS | MTH300 | Introduction to Mathematical Logic | IML | Sankha Basu | 4 | SEM IV |
| MATHS | MTH310 | Graph Theory | GT | Samresh Chatterji (V) | 4 | SEM IV |
| MATHS | MTH372 | Statistical Inference | SI | Monika Arora | 4 | SEM VI |
| SSH | MTH377/MTH577 | Convex Optimization | COO | Rakesh Chaturvedi | 4 | SEM IV |
| SSH | ECO333 | Macroeconomics | MA | Souvik Dutta | 4 | SEM IV |
| SSH | ECO221 | Econometrics 1 | ECO | Gaurav Arora | 4 | SEM IV |
| SSH | SOC207 | Information Technology and Society | ITS | Amrit Srinivasan (V) | 4 | SEM IV |
| SSH | SOC210 | Sociological Theory | ST1 | Gayatri Nair | 4 | SEM IV |
| SSH | SSH215 | Nation and Her Narratives | NN | Payel C Mukherjee (V) | 4 | SEM IV |
| SSH | SSH325/525 | Ethics in AI | EI | Manohar Kumar | 4 | SEM IV |

| Offering Department | Course Code | Course Name | Accronym | Instructor | Credit | Semester |
|----------------------------|---------------------------------|--|----------|-----------------------|--------|----------|
| SSH | ENT404 | Social Entrepreneurship (New) | SoE | Jyoti Sharma (G) | 4 | IV&Rest |
| SSH | ENTxxx | Foundations of Marketing (New) | FOM | Pinaki Dasgupta (G) | 4 | IV&Rest |
| SSH | ESC207 | Ecology, Evolution, and Environment | EEE | D K Sharma (V) | 2 | IV&Rest |
| SSH | MGT310 | Supply Chain for E-Commerce | ECOMM | Sanjeeva Dubey (G) | 4 | IV&Rest |
| UG III, IV & PG | | | | | | |
| CB | BIO522 | Algorithms in Computational Biology | ACB | N. Arul Murugan | 4 | REST |
| CB | BIO531 | Introduction to Mathematical Biology | IMB | Sriram K. | 4 | REST |
| CB | BIO543 | Big Data Mining in Healthcare | BDMH | G P S Raghava | 4 | REST |
| CB | BIO545 | Biostatistics | BioStats | Gaurav Ahuja | 4 | REST |
| CB | BIO548 | Human Microbiome Data Science (New) | HMDS | Tarini Ghosh | 4 | REST |
| CB | BIO563 | Computer Aided Drug Design | CADD | Arjun Ray | 4 | REST |
| CB | BIO541 | Data Sciences for Genomics | DSG | Vibhor Kumar | 4 | REST |
| CB | CSE655 | Network Science | NS | Ganesh Bagler | 4 | REST |
| CSE | CSE530 | Distributed Systems: Concepts & Design | DSCD | Dhruv Kumar | 4 | REST |
| CSE | CSE572/ECE561 | Speech and Audio Processing | SAP | Vinayak Abrol | 4 | REST |
| CSE | CSE542/ECE556 | Statistical Machine Learning | SML | A V Subramanyam | 4 | REST |
| CSE | CSE322 | Theory of Computation | ToC | Syamantak Das | 4 | IV&Rest |
| CSE | CSE344/CSE544/ ECE344/ECE544 | Computer Vision | CV | Saket Anand | 4 | REST |
| CSE | CSE350/CSE550 | Network Security | NSC | B N Jain (V) | 4 | REST |
| CSE | CSE354/CSE554 | Networks and System Security II | NSS-II | Sambuddho Chakravarty | 4 | REST |
| CSE | CSE347/652; DES525 | Usable security (New) | UsS | Arun Balaji Buduru | 4 | REST |
| CSE | CSE502 | Foundations of Parallel Programing | FPP | Vivek Kumar | 4 | REST |
| CSE | CSE508 | Information Retrieval | IR | Rajiv Ratn Shah | 4 | REST |
| CSE | CSE518 | Concurrent and Learned Data Structures | CLDS | Bapi Chatterjee | 4 | REST |
| CSE | CSE523 | Randomized Algorithms | RA | Rajiv Raman | 4 | REST |
| CSE | CSE526 | Lattices in Computer Science (New) | LCS | Subhabrata Samajder | 4 | REST |
| CSE | CSE535 | Mobile Computing | MC | Mukulika Maity | 4 | REST |
| CSE | CSE538/ECE538 | Wireless Network | WN | Arani Bhattacharya | 4 | REST |
| CSE | CSE557 | Big Data Analytics | BDA | Vikram Goyal | 4 | REST |
| CSE | CSE560 | GPU Computing | GPU | Ojaswa Sharma | 4 | REST |
| CSE | CSE567 | Programmable Networking | PN | Rinku Shah | 4 | REST |
| CSE | CSE573 | Interactive System (New) | ISy | Pushpendra Singh | 4 | REST |
| CSE | CSE618 | Meta Learning | MTL | Gautam Shroff (Aj) | 4 | REST |
| CSE | CSE622 | Introduction to Quantum Computing | IQC | Debajyoti Bera | 4 | REST |
| CSE | CSE632 | Semantic Web | Sweb | V. Raghava Mutharaju | 4 | REST |
| CSE | CSE640 | Collaborative Filtering | CF | Angshul Majumdar | 4 | REST |
| CSE | CSE641 | Deep Learning | DL | Md. Shad Akhtar | 4 | REST |
| CSE | CSE660 | Trustworthy AI Systems | TAIS | C. Anantaram (V) | 4 | REST |
| ECE | CSE343/ECE363 /ECE563/CSE543 | Machine Learning | ML | Anubha Gupta | 4 | REST |

| Offering Department | Course Code | Course Name | Accronym | Instructor | Credit | Semester |
|---------------------|---------------|--|----------|-------------------------------------|--------|----------|
| ECE | ECE432/632 | Radar Systems | RS | Shobha Sunder Ram | 4 | REST |
| ECE | ECE513 | VLSI Design Flow | VDF | Sneh Saurabh | 4 | REST |
| ECE | ECE537 | Wireless Communication: Evolution from 3G to 5G | WCE | Vivek Ashok Bohara | 4 | REST |
| ECE | ECE543 | Principles of Digital Communication Systems | PDCS | Anand Srivastava | 4 | REST |
| ECE | ECE571 | Optimal Control Systems | OCNS | Chanekar Prasad Vilas | 4 | REST |
| ECE | ECE573 | Advanced Embedded Logic Design | AELD | Sumit J Darak | 4 | REST |
| ECE | ECE577 | Machine Learning Techniques for Real Time Control | MLRC | Sayan Basu Roy | 4 | REST |
| ECE | ECE5aom | Applied Optimization Methods for Machine Learning | AOMML | Pravesh Biyani | 4 | REST |
| ECE | ECE5et | Estimation Theory for Dynamic Systems | ET | Sanat K Biswas | 4 | REST |
| ECE | ECE611 | Memory Design and Test | MDT | Anuj Grover | 4 | REST |
| ECE | ECE634/CSE646 | Information Theory (New) | InT | Manuj Mukherjee | 4 | REST |
| ECE | ECE667A | Introduction to AI in Medical Imaging (Online) | IAMI | Dr. Dattesh (G) & Dr. Rajesh (G) | 2 | REST |
| ECE | ENG599s | Research Methods | RM | Sanat K Biswas | 2 | REST |
| HCD | DESS01 | Fundamentals of Audio for Engineers | FAE | Angshu Das (PoP) | 4 | REST |
| HCD | DESS12 | Game Design and Development | GDD | Aman Samuel (V) | 4 | REST |
| HCD | DESS23 | Cognition and Information Processing in Design (New) | CIPD | Dhurjati Majumdar (PoP) | 4 | REST |
| MATHS | MTH300 | Introduction to Mathematical logic | IML | Sankha Basu | 4 | IV&Rest |
| MATHS | MTH310 | Graph Theory | GT | Samaresh Chatterji (V) | 4 | IV&Rest |
| MATHS | MTH311 | Combinatorics and Its Applications | CIA | Krishanu Roy (L) | 4 | REST |
| MATHS | MTH372 | Statistical Inference | SI | Monika Arora | 4 | IV&Rest |
| MATHS | MTH374/MTH574 | Linear Optimization | LO | Subhashree Mohapatra | 4 | REST |
| MATHS | MTH510 | Advanced Linear Algebra | ALA | Debika Banerjee | 4 | REST |
| MATHS | MTH514 | Coding Theory | COT | Anuradha Sharma | 4 | REST |
| MATHS | MTH546 | Measure and Probability Theory | MPT | Subhajit Ghosechowdhury (L) | 4 | REST |
| MATHS | MTH542 | Introduction to Functional Analysis | IFA | Satish Pandey | 4 | REST |
| MATHS | MTH544 | Calculus on R^n with Applications | CRN | Kaushik Kalyanaraman | 4 | REST |
| MATHS | MTH599 | Variational Calculus and their Applications | VCA | Sarthok Sircar | 4 | REST |
| SSH | ECO332 | Valuation and Portfolio Management | VPM | Pankaj Vajpayee (PoP) | 4 | REST |
| SSH | ENT404 | Social Entrepreneurship (New) | SoE | Jyoti Sharma (G) | 4 | IV&Rest |
| SSH | ENT413 | Entrepreneurial Finance | EF | Pankaj Vajpayee (PoP) | 4 | REST |
| SSH | ENTxxx | Foundations of Marketing (New) | FOM | Pinaki Dasgupta (G) | 4 | IV&Rest |
| SSH | ESC207 | Ecology, Evolution, and Environment | EEE | D K Sharma (V) | 2 | IV&Rest |
| SSH | PSY302 | Social Psychology | SP | Venkata Ratnadeep Suri | 4 | REST |
| SSH | PSY305/PSY505 | Attention and Perception | ATP | Sonia Baloni Ray | 4 | REST |
| SSH | PSY306/PSY506 | Learning and Memory | LM | Mrinmoy Chakrabarty | 4 | REST |
| SSH | SOC313/SOC503 | Sociology of India: Themes and Perspectives | SOI | Smriti Singh | 4 | REST |
| SSH | SSH300/SSH500 | Theories of Ethics | TE | Nishad Patnaik | 4 | REST |
| SSH | SSH325/525 | Ethics in AI | EI | Manohar Kumar | 4 | IV&Rest |
| SSH | SSH3xx | Japanese Language (New) | JALang | Guest Faculty | 4 | REST |
| SSH | ECO333 | Macroeconomics | MA | Souvik Dutta | 4 | IV&Rest |
| SSH | MTH377/MTH577 | Convex Optimization | COO | Rakesh Chaturvedi | 4 | IV&Rest |

| Offering Department | Course Code | Course Name | Accronym | Instructor | Credit | Semester |
|-----------------------|-----------------|---|--------------------|---|---------|----------|
| Online Courses | | | | | | |
| Department | Code | Course Name | Faculty | Link | Credits | |
| MTH | MTH999A1 | Introduction to queuing theory | Monika Arora | https://onlinecourses.nptel.ac.in/noc23_ma38/preview https://onlinecourses.nptel.ac.in/noc23_ma38/preview | 4 | |
| MTH | MTH999A2 | Dynamical System and Control | Satish Pandey | https://nptel.ac.in/courses/111107118 | 4 | |
| MTH | MTH999A3 | Fuzzy Sets Logic and Systems & Applications | Sankha Basu | https://onlinecourses.nptel.ac.in/noc23_ee21/preview | 4 | |
| HCD | DES999A | Design, Technology and Innovation | Anmol Srivastava | https://onlinecourses.nptel.ac.in/noc23_de06/preview | 2 | |
| ECE | ECE999A | Constrained And Unconstrained Optimization | Manuj | https://onlinecourses.nptel.ac.in/noc23_ma29/preview | 2 | |
| ECE | ECE999A2 | Control Engineering | Manuj | https://onlinecourses.nptel.ac.in/noc23_ee16/preview | 2 | |
| ECE | ECE999A3 | Hardware Security | Sujay | https://onlinecourses.nptel.ac.in/noc23_cs59/preview | 2 | |
| CSE | CSE999 | Haskell Programming | Debajyoti Bera | https://haskell.mooc.fi/ | 4 | |
| CSE | CSE999A3 | Social Networks | Dhruv Kumar | https://onlinecourses.nptel.ac.in/noc23_cs19/preview | 2 | |
| CSE | CSE999A2 | Ethical Hacking | Dhruv Kumar | https://onlinecourses.nptel.ac.in/noc23_cs44/preview | 2 | |
| CSE | CSE998A1/ECE999 | Introduction to Internet of things | Arani Bhattacharya | https://onlinecourses.nptel.ac.in/noc23_cs51/preview | 4 | |
| CSE | CSE999A4 | Information Security | Dhruv Kumar | Information Security - 5 - Secure Systems Engineering - Course (nptel.ac.in) | 2 | |
| CSE | CSE999A5 | Affective Computing | Jainendra Shukla | Affective Computing - Course (nptel.ac.in) | 2 | |

B.Tech 1st Year, SEM II - Sec B (Roll No.301 & above + Repeaters) - Winter Semester AY 2022-23

| Day | 8:30-9:00 | 9-9:30 | 9:30-10 | 10-10:30 | 10:30-11 | 11-11:30 | 11:30-12 | 12-12:30 | 12:30-1 | 1-1:30 | 1:30-2 | 2-2:30 | 2:30-3 | 3-3:30 | 3:30-4 | 4-4:30 | 4:30-5 | 5-5:30 | 5:30-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|--|---------|----------|----------|----------|----------|----------|---------|--------|--------|----------------------|--------|--------|--------|--------|--------|--------|--------|--|---------------------|-----|---------|-------------|------|--------------|------|------|-----|--------------|------|-------|-----|----------------------|-----|--|--|--|--|--|----------------------|----|------|---------|------|----|------|-----|-----|-----|------|--------------|------|-------|-----|----|-----|--|--|--|
| Mon | C02,C03,C12,C13,C22,C24,C208,C209,C210,C211,C212,C213,C214,C215,C216,L1,L2,L3,B001,B002,A106,B105,A006 & A007 | CO | C102 | DDV Lec | B105 | BE | C102 | FOB | C02 | IIS | A106 | DDV Practice | B105 | CTRSS | C01 | MB | C11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | Tut DSA- All groups | P&S | C102 | VDC Lec | B105 | VDC Practice | B105 | ISA | C11 | DDV Practice | B105 | CTRSS | C01 | MB | C11 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Tut P&S - All Groups | CO | C102 | DDV Lec | B105 | BE | C102 | FOB | C02 | IIS | A106 | DDV Practice | B105 | CTRSS | C01 | MB | C11 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thurs | Lab IIS | CO | C102 | VDC Lec | B105 | BE | C102 | FOB | C02 | IIS | A106 | VDC Practice | B105 | ISA | C11 | | | P&S | C102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | Fri | FOB Tut | B001 & B002 | DSA | C102 | P&S | C102 | | | | | | Lab DSA - All Groups | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri | Tut BE - All groups | C02,C03,C12,C13,C22,C24,C208,C209,C210,C211,C212,C213,C214,C215,C216,L1,L2,L3, | DSA | C102 | P&S | C102 | | | | | | Faculty Meeting Slot | | | | | | | | | Seminar Slot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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Duration of the Lectures will be 50 mins and 80 mins

| Course Code | Course Name | Credit | Acronym | Instructor | CSE | CSAI | CSAM | ECE | CSSS | CSB | CSD | EVE |
|-------------|---|--------|---------|------------------------|------|-------|-------|------|-------|------|------|------|
| CSE102 | Data Structures and Algorithms (Sec B) | 4 | DSA | Subhabrata Samajder | CSE1 | CSAI1 | CSAM1 | ECE1 | CSSS1 | CSB1 | CSD1 | EVE1 |
| ECE113 | Basic Electronics (Sec B) | 4 | BE | Ram Krishna Ghosh | CSE2 | | CSAM2 | ECE2 | | | | EVE2 |
| CSE140 | Introduction to Intelligent Systems | 4 | IIS | Jainendra Shukla | | CSAI2 | | | | | | |
| DES101 | Design Drawing and Visualization | 4 | DDV | Anoop Ratn (V) | | | | | | | CSD2 | |
| MTH201 | Probability and Statistics (Sec B) | 4 | P&S | Subhajit Ghosechowdhur | CSE3 | CSAI3 | CSAM3 | ECE4 | CSSS3 | CSB3 | CSD3 | EVE4 |
| CSE112 | Computer Organisation (Sec B) | 4 | CO | Tammam Tillo | CSE4 | CSAI4 | CSAM4 | ECE3 | CSSS4 | CSB2 | CSD4 | EVE3 |
| BIO101 | Foundations of Biology | 4 | FOB | Sriram K. | | | | | | CSB4 | | |
| DES202 | Visual Design & Communication | 4 | VDC | Anoop Ratn (V) | | | | | | | CSD5 | |
| SOC101 | Introduction to Sociology and Anthropology | 4 | ISA | Paro Mishra | CSE5 | CSAI5 | CSAM5 | ECE5 | CSSS2 | CSB5 | | EVE5 |
| SSH101 | Critical Thinking and Readings in Social Sciences | 4 | CTRSS | Praveen Priyadarshi | CSE5 | CSAI5 | CSAM5 | ECE5 | CSSS5 | CSB5 | | EVE5 |
| ECO223 | Money and Banking | 4 | MB | Kiriti Kanjilal | CSE5 | CSAI5 | CSAM5 | ECE5 | | CSB5 | | EVE5 |

B.Tech. IV Semester - Winter Semester AY 2022-23

| Day | 8:30-9 | 9-9:30 | 9:30-10 | 10-10:30 | 10:30-11 | 11-11:30 | 11:30-12 | 12-12:30 | 12:30-1 | 1-1:30 | 1:30-2 | 2-2:30 | 2:30-3 | 3-3:30 | 3:30-4 | 4-4:30 | 4:30-5 | 5-5:30 | 5:30-6 | 6:00-6:30 | 6:30-7:00 | 7:00-7:30 | |
|-----|--------|--------|---------------------------------|-----------------------------|--------------------------|----------|----------------------------|----------|---------|--------|------------------------------|--|--|--|--------------------------|-----------------------------|--------------------|--------------------|--------|-----------|-----------|-----------|--|
| Mon | | | F&W DBMS Sec A DBMS Sec B | A007 C11 C01 | SI GT | | C21 C24 | | | | Tut - AAI EEE | C03,C13,C22, C24, B002 C12 | | ADA Sec A ADA Sec B | C101 C201 | ECO ITS SoE | B105 C01 C02 | | | | | | |
| | Tue | | PB PCS SML DIS | A007 C21 C01 A106 | M-IV Sec A M-IV Sec B | | C101 C21 C11 A007 | | | | ADA Tut Tut IE | C02,C03,C12,C13,C22,C24,C208,C209,C210,C211,C212,C213,C214,C215,C216,L1,L2,L3, B001 & B002 A006, A007 | | TOC IE | C11 C01 | MA ST1 NN | C11 C13 C12 | | | FOM | C21 | | |
| Wed | | | F&W DBMS Sec A DBMS Sec B | A007 C11 C01 | SI GT | | C21 C24 | | | | | Tut IML Tut M-IV | C02, C12 C13,C22,C24,C208,C209,C210,C211,C212,C213,C214,C215,C216,L1,L2,L3., B001, B002 | | PIS COO AAI IQB | C21 C201 A106 A007 | ECO ITS SoE | B105 C01 C02 | | | | | |
| | Thurs | | PB PCS SML DIS | A007 C21 C01 A106 | M-IV Sec A M-IV Sec B | | C101 C21 C11 A007 | | | | Tut GT Tut PCS | C03 & C13 C208, C209, C214 & C215 | | ADA Sec A ADA Sec B | C101 C201 | MA ST1 NN | C11 C13 C12 | | | FOM | C21 | | |
| Fri | | | PIS COO AAI IQB | C21 C201 A106 A007 | TOC IE COO | | C11 C01 | | | | Tut TOC Lab IE All Groups | C03,C13,C22,C24,C208,C209 | | DBMS Tut C13,C22,C24,C208,C209,C210,C211,C212,C213,C214,C215,L1,L2,L3 | | Seminar Slot | | | | | | | |
| | | | | | | | | | | | | Faculty Meeting Slot | | | | | | | | | | | |

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Duration of the Lectures will be 50 mins and 80 mins

Note: 5th Slot (Sci/Bio Slot) is a free slot where a student may opt for any other course offered in IVth semester slot which is not clashing with their remaining core or core electives course.

| Course | Course | Acronym | Instructor | UG/PG | Credit | CSE | ECE | CSAM | CSD | CSB | CSAI | CSSS |
|-------------------|--|---------|-------------------------|-------|--------|------|------|-------|------|------|-------|-------|
| BIO213 | Introduction to Quantitative Biology | IQB | Jaspreet Kaur | UG | 4 | | | | | CSB5 | | |
| BIO221 | Practical Bioinformatics | PB | Tavpritesh Sethi | UG | 4 | CSE2 | | | | CSB4 | | |
| CSE202 | Fundamentals of Database Systems - Sec A | DBMS | Vikram Goyal | UG | 4 | CSE1 | | | CSD4 | CSB2 | CSAI1 | CSSS3 |
| CSE202 | Fundamentals of Database Systems - Sec B | DBMS | Mukesh Mohania | UG | 4 | | | | | | | |
| CSE222 | Analysis and Design of Algorithms (Sec A) | ADA | Diptapriyo Majumdar | UG | 4 | CSE3 | | CSAM3 | | | | |
| CSE222 | Analysis and Design of Algorithms (Sec B) | ADA | Debarika Sengupta | UG | 4 | | | | CSD1 | CSB1 | CSAI3 | CSSS1 |
| CSE322 | Theory of Computation | ToC | Syamantak Das | UG | 4 | CSE2 | | CSAM4 | CSD4 | | CSAI2 | |
| CSE342 | Statistical Machine Learning (one section) | SML | Jerripothula Koteswar | UG | 4 | | | | | | CSAI4 | |
| DES205 | Design of Interactive systems | DIS | Dhurjati Majumdar (PoP) | UG | 4 | | | | CSD3 | | | |
| DES206 | Prototyping Interactive Systems | PIS | Anmol Srivastava | UG | 4 | CSE2 | | | CSD2 | | | |
| ECE214 | Integrated Electronics | IE | Abhijit Mitra | UG | 4 | | ECE2 | | | | | |
| ECE230 | Fields and Waves | F&W | Sayak Bhattacharya | UG | 4 | | ECE1 | | | | | |
| ECE240 | Principles of Communication Systems | PCS | Ranjitha P | UG | 4 | | ECE3 | | | | | |
| ECO333 | Macroeconomics | MA | Souvik Dutta | UG | 4 | | | | | | | |
| ECO221 | Econometrics 1 | ECO | Gaurav Arora | UG | 4 | | | | | | | CSSS4 |
| MTH204 | Maths IV - ODE/PDE (Sec A) | M-IV | Sneha Chaubey | UG | 4 | CSE4 | ECE4 | | | | | |
| MTH204 | Maths IV - ODE/PDE (Sec B) | M-IV | Ashish Kumar Pandey | UG | 4 | | | CSAM1 | CSD4 | | CSAI2 | |
| MTH212 | Abstract Algebra I | AA-I | Krishanu Roy (L) | UG | 4 | | | CSAM2 | | | | |
| MTH300 | Introduction to Mathematical logic | IML | Sankha Basu | UG | 4 | | | | | | CSAI2 | |
| MTH310 | Graph Theory | GT | Samaresh Chatterji (V) | UG | 4 | CSE4 | | | | | CSAI2 | CSSS5 |
| MTH372 | Statistical Inference | SI | Monika Arora | UG | 4 | | | | | | CSAI2 | |
| MTH377/ MTH577 | Convex Optimization | COO | Rakesh Chaturvedi | UG | 4 | | | | | | CSAI5 | CSSS2 |
| SOC207 | Information Technology and Society | ITS | Amrit Srinivasan (V) | UG | 4 | | | | | | | |
| SOC210 | Sociological Theory | ST1 | Gayatri Nair | UG | 4 | | | | | | | |
| SSH215 | Nation and Her Narratives | NN | Payel C Mukherjee (V) | UG | 4 | | | | | | | |
| SSH325/525 | Ethics in AI | EI | Manohar Kumar | UG | 4 | | | | | | CSAI1 | |
| ENT404 | Social Entrepreneurship (New) | SoE | Jyoti Sharma (G) | UG/PG | 4 | | | | | | | |
| ENTxxx | Foundations of Marketing (New) | FOM | Pinaki Dasgupta (G) | UG/PG | 4 | | | | | | | |
| ESC207 | Ecology, Evolution, and Environment | EEE | D K Sharma (V) | UG | 2 | | | | | | | |

B.Tech. 3rd & 4th Year, M.Tech. 1st & 2nd year, Ph.D. - Winter Semester AY 2022-23

| Day | 8.30-9.00 | 9-9:30 | 9:30-10 | 10-10:30 | 10:30-11 | 11-11:30 | 11:30-12 | 12-12:30 | 12:30-1 | 1-1:30 | 1:30-2 | 2-2:30 | 2:30-3 | 3-3:30 | 3:30-4 | 4-4:30 | 4:30-5 | 5-5:30 | 5:30-6 | 6.00-6.30 | 6.30-7.00 | 7.00-7.30 |
|-----|-----------|-----------------|---------------|-----------------|-------------|----------|----------------------|---------------|------------|--------------|--------------------------------|--|------------|------------|--------------|------------|--------|------------|--------|-----------|-----------|-----------|
| Mon | | | SP A006 | SLOT 6 | HMDS C02 | SLOT 9 | | | | | RM C101 | | IMB C13 | SLOT 1 | DSCD C201 | SLOT 4 | | | | | | |
| | | BDMH C21 | ISy A006 | | EEE C12 | | WN C12 | ML C21 | | | | | | | | | | | | | | |
| | | CV C201 | CF C201 | | FPP LAB 315 | | | BDA C02 | IR C101 | | | | | | | | | | | | | |
| | | UsS B105 | InT C12 | | RS Tut A106 | | GDD C213 | NS C03 | | | | | | | | | | | | | | |
| | | WCE C13 | SI C21 | | | | MLRC C208 | NSS-II C13 | | | | | | | | | | | | | | |
| | | IFA C03 | CRN C13 | | | | SOI B105 | VCA C208 | | | | | | | | | | | | | | |
| | | FAE C02 | GT C24 | | | | MPT C03 | SoE C02 | | | | | | | | | | | | | | |
| | | MDT C12 | AOMML C208 | | | | | | | | | | | | | | | | | | | |
| Tue | | NSC B105 | SLOT 7 | SAP C24 | SLOT 5 | | | | | | | CIA C22 | SLOT 2 | ACB C03 | SLOT 3 | FOM C21 | | | | | | |
| | | CLDS C22 | | CADD C12 | | | GPU C03 | MTL C208 | | | | | | | | | | | | | | |
| | | DSG C02 | | SML C208 | | | LCS C13 | IQC C24 | | | | | | | | | | | | | | |
| | | PDCS C24 | | COT C22 | | | Tut MC C21 | | MC C21 | Sweb C214 | | | | | | | | | | | | |
| | | LO C12 | | VPM C01 | | | CIPD A106 | VDF A106 | | | | | | | | | | | | | | |
| | | LM C201 | | IML C11 | | | RS A006 | ET C22 | | | | | | | | | | | | | | |
| | | DL C11 | | FPP C209 | | | TE A007 | MA C11 | | | | | | | | | | | | | | |
| | | | | EI A007 | | | TOC C11 | EF C210 | | | | | | | | | | | | | | |
| Wed | | BioStats C02 | SLOT 8 | HMDS C02 | SLOT 9 | | | | | | Tut IML C01,C12, B001, B002 | | IMB C13 | SLOT 1 | DSCD C201 | SLOT 4 | | | | | | |
| | | TAIS C12 | | ISy A006 | | | WN C12 | ML C21 | | | | | | | | | | | | | | |
| | | OCNS C03 | | CF C201 | | | BDA C02 | IR C101 | | | | | | | | | | | | | | |
| | | AELD C210 | | InT C12 | | | GDD C213 | NS C03 | | | | | | | | | | | | | | |
| | | ATP C201 | | SI C21 | | | MLRC C208 | NSS-II C13 | | | | | | | | | | | | | | |
| | | ALA C13 | | CRN C13 | | | SOI B105 | VCA C208 | | | | | | | | | | | | | | |
| | | PN C22 | | GT C24 | | | MPT C03 | SoE C02 | | | | | | | | | | | | | | |
| | | RA C24 | | AOMML C208 | | | COO C201 | | | | | | | | | | | | | | | |
| Thu | | SP A006 | SLOT 6 | SAP C24 | SLOT 5 | | | | | | | Tut IMB C12 | | CIA C22 | SLOT 2 | ACB C03 | SLOT 3 | FOM C21 | | | | |
| | | BDMH C11 | | CADD C12 | | | GPU C03 | MTL C208 | | | | | | | | | | | | | | |
| | | CV C201 | | SML C208 | | | LCS C13 | IQC C24 | | | | | | | | | | | | | | |
| | | UsS B105 | | COT C22 | | | MC C21 | Sweb C214 | | | | | | | | | | | | | | |
| | | WCE C13 | | VPM C01 | | | CIPD A106 | VDF A106 | | | | | | | | | | | | | | |
| | | IFA C03 | | IML C11 | | | RS A006 | ET C22 | | | | | | | | | | | | | | |
| | | FAE C02 | | FPP C209 | | | TE A007 | MA C11 | | | | | | | | | | | | | | |
| | | MDT C12 | | EI A007 | | | | EF C210 | | | | | | | | | | | | | | |
| Fri | | NSC B105 | SLOT 7 | BioStats C02 | SLOT 8 | | | | | | | TOC Tut C03,C13,C22,C24, C208,C209 | | | | | | | | | | |
| | | CLDS C22 | | TAIS C12 | | | | | | | | | | | | | | | | | | |
| | | DSG C02 | | OCNS C03 | | | JALang C216 | | | | | | | | | | | | | | | |
| | | PDCS C24 | | AELD C210 | | | Faculty Meeting Slot | | | Seminar Slot | | | | | | | | | | | | |
| | | LO C12 | | ATP C201 | | | | | | | | | | | | | | | | | | |
| | | LM C01 | | ALA C13 | | | | | | | | | | | | | | | | | | |
| | | DL C11 | | PN C22 | | | | | | | | | | | | | | | | | | |
| | | COO C201 | | RA C24 | | | TOC C11 | | | | | | | | | | | | | | | |

Duration of the Lectures will be 50 mins and 80 mins

| Department | Course Code | Course Name | Acronym | Instructor | UG/PG | Credit | Semester |
|------------|-------------|--------------------------------------|----------|-----------------|-------|--------|----------|
| CB | BIO522 | Algorithms in Computational Biology | ACB | N. Arul Murugan | UG/PG | 4 | REST |
| CB | BIO531 | Introduction to Mathematical Biology | IMB | Sriram K. | UG/PG | 4 | REST |
| CB | BIO543 | Big Data Mining in Healthcare | BDMH | G P S Raghava | UG/PG | 4 | REST |
| CB | BIO545 | Biostatistics | BioStats | Gaurav Ahuja | UG/PG | 4 | REST |

| Department | Course Code | Course Name | Acronym | Instructor | UG/PG | Credit | Semester |
|------------|------------------------------|--|---------|----------------------------------|-------|--------|----------|
| CB | BIO548 | Human Microbiome Data Science (New) | HMDS | Tarini Ghosh | UG/PG | 4 | REST |
| CB | BIO563 | Computer Aided Drug Design | CADD | Arjun Ray | UG/PG | 4 | REST |
| CB | BIO541 | Data Sciences for Genomics | DSG | Vibhor Kumar | UG/PG | 4 | REST |
| CB | CSE655 | Network Science | NS | Ganesh Bagler | UG/PG | 4 | REST |
| CSE | CSE530 | Distributed Systems: Concepts & Design | DSCD | Dhruv Kumar | UG/PG | 4 | REST |
| CSE | CSE572/ECE561 | Speech and Audio Processing | SAP | Vinayak Abrol | UG/PG | 4 | REST |
| CSE | CSE542/ECE556 | Statistical Machine Learning | SML | A V Subramanyam | UG/PG | 4 | REST |
| CSE | CSE322 | Theory of Computation | ToC | Syamantak Das | UG | 4 | IV&Rest |
| CSE | CSE344/CSE544/ ECE344/ECE544 | Computer Vision | CV | Saket Anand | UG/PG | 4 | REST |
| CSE | CSE350/CSE550 | Network Security | NSC | B N Jain (V) | UG/PG | 4 | REST |
| CSE | CSE354/CSE554 | Networks and System Security II | NSS-II | Sambuddho Chakravarty | UG/PG | 4 | REST |
| CSE | CSE347/652; DES525 | Usable security (New) | UsS | Arun Balaji Buduru | UG/PG | 4 | REST |
| CSE | CSE502 | Foundations of Parallel Programing | FPP | Vivek Kumar | UG/PG | 4 | REST |
| CSE | CSE508 | Information Retrieval | IR | Rajiv Ratn Shah | UG/PG | 4 | REST |
| CSE | CSE518 | Concurrent and Learned Data Structures | CLDS | Bapi Chatterjee | UG/PG | 4 | REST |
| CSE | CSE523 | Randomized Algorithms | RA | Rajiv Raman | UG/PG | 4 | REST |
| CSE | CSE526 | Lattices in Computer Science (New) | LCS | Subhabrata Samajder | UG/PG | 4 | REST |
| CSE | CSE535 | Mobile Computing | MC | Mukulika Maity | UG/PG | 4 | REST |
| CSE | CSE538/ECE538 | Wireless Network | WN | Arani Bhattacharya | UG/PG | 4 | REST |
| CSE | CSE557 | Big Data Analytics | BDA | Vikram Goyal | UG/PG | 4 | REST |
| CSE | CSE560 | GPU Computing | GPU | Ojaswa Sharma | UG/PG | 4 | REST |
| CSE | CSE567 | Programmable Networking | PN | Rinku Shah | UG/PG | 4 | REST |
| CSE | CSE573 | Interactive System (New) | ISy | Pushpendra Singh | UG/PG | 4 | REST |
| CSE | CSE618 | Meta Learning | MTL | Gautam Shroff (Aj) | UG/PG | 4 | REST |
| CSE | CSE622 | Introduction to Quantum Computing | IQC | Debajyoti Bera | UG/PG | 4 | REST |
| CSE | CSE632 | Semantic Web | Sweb | V. Raghava Mutharaju | UG/PG | 4 | REST |
| CSE | CSE640 | Collaborative Filtering | CF | Angshul Majumdar | UG/PG | 4 | REST |
| CSE | CSE641 | Deep Learning | DL | Md. Shad Akhtar | UG/PG | 4 | REST |
| CSE | CSE660 | Trustworthy AI Systems | TAIS | C. Anantaram (V) | UG/PG | 4 | REST |
| ECE | CSE343/ECE363/ ECE563/CSE543 | Machine Learning | ML | Anubha Gupta | UG/PG | 4 | REST |
| ECE | ECE432/632 | Radar Systems | RS | Shobha Sunder Ram | UG/PG | 4 | REST |
| ECE | ECE513 | VLSI Design Flow | VDF | Sneh Saurabh | UG/PG | 4 | REST |
| ECE | ECE537 | Wireless Communication: Evolution from 3G to 5G | WCE | Vivek Ashok Bohara | UG/PG | 4 | REST |
| ECE | ECE543 | Principles of Digital Communication Systems | PDCS | Anand Srivastava | UG/PG | 4 | REST |
| ECE | ECE571 | Optimal Control Systems | OCNS | Chanekar Prasad Vilas | UG/PG | 4 | REST |
| ECE | ECE573 | Advanced Embedded Logic Design | AELD | Sumit J Darak | UG/PG | 4 | REST |
| ECE | ECE577 | Machine Learning Techniques for Real Time Control | MLRC | Sayan Basu Roy | UG/PG | 4 | REST |
| ECE | ECE5aom | Applied Optimization Methods for Machine Learning | AOMML | Pravesh Biyani | UG/PG | 4 | REST |
| ECE | ECE5et | Estimation Theory for Dynamic Systems | ET | Sanat K Biswas | UG/PG | 4 | REST |
| ECE | ECE611 | Memory Design and Test | MDT | Anuj Grover | UG/PG | 4 | REST |
| ECE | ECE634/CSE646 | Information Theory (New) | InT | Manuj Mukherjee | UG/PG | 4 | REST |
| ECE | ECE667A | Introduction to AI in Medical Imaging (Online) | IAMI | Dr. Dattesh (G) & Dr. Rajesh (G) | UG/PG | 2 | REST |
| ECE | ENG599s | Research Methods | RM | Sanat K Biswas | PG | 2 | REST |
| HCD | DESS01 | Fundamentals of Audio for Engineers | FAE | Angshu Das (PoP) | UG/PG | 4 | REST |
| HCD | DESS12 | Game Design and Development | GDD | Aman Samuel (V) | UG/PG | 4 | REST |
| HCD | DESS23 | Cognition and Information Processing in Design (New) | CIPD | Dhurjati Majumdar (PoP) | UG/PG | 4 | REST |
| MATHS | MTH300 | Introduction to Mathematical logic | IML | Sankha Basu | UG | 4 | IV&Rest |
| MATHS | MTH310 | Graph Theory | GT | Samaresh Chatterji (V) | UG | 4 | IV&Rest |
| MATHS | MTH311 | Combinatorics and Its Applications | CIA | Krishanu Roy (L) | UG/PG | 4 | REST |
| MATHS | MTH372 | Statistical Inference | SI | Monika Arora | UG | 4 | IV&Rest |

| Department | Course Code | | | Course Name | | | | | Acronym | Instructor | | UG/PG | Credit | Semester |
|------------|---------------|--|--|---|--|--|--|--|---------|-----------------------------|--|-------|--------|----------|
| MATHS | MTH374/MTH574 | | | Linear Optimization | | | | | LO | Subhashree Mohapatra | | UG/PG | 4 | REST |
| MATHS | MTH510 | | | Advanced Linear Algebra | | | | | ALA | Debika Banerjee | | UG/PG | 4 | REST |
| MATHS | MTH514 | | | Coding Theory | | | | | COT | Anuradha Sharma | | UG/PG | 4 | REST |
| MATHS | MTH546 | | | Measure and Probability Theory | | | | | MPT | Subhajit Ghosechowdhury (L) | | UG/PG | 4 | REST |
| MATHS | MTH542 | | | Introduction to Functional Analysis | | | | | IFA | Satish Pandey | | UG/PG | 4 | REST |
| MATHS | MTH544 | | | Calculus on R^n with Applications | | | | | CRN | Kaushik Kalyanaraman | | UG/PG | 4 | REST |
| MATHS | MTH599 | | | Variational Calculus and their Applications | | | | | VCA | Sarthok Sircar | | UG/PG | 4 | REST |
| SSH | ECO332 | | | Valuation and Portfolio Management | | | | | VPM | Pankaj Vajpayee (PoP) | | UG | 4 | REST |
| SSH | ENT404 | | | Social Entrepreneurship (New) | | | | | SoE | Jyoti Sharma (G) | | UG/PG | 4 | REST |
| SSH | ENT413 | | | Entrepreneurial Finance | | | | | EF | Pankaj Vajpayee (PoP) | | UG/PG | 4 | REST |
| SSH | ENT3xx | | | Foundations of Marketing (New) | | | | | FOM | Pinaki Dasgupta (G) | | UG/PG | 4 | REST |
| SSH | ESC207A | | | Ecology, Evolution, and Environment | | | | | EEE | D K Sharma (V) | | UG | 2 | REST |
| SSH | PSY302 | | | Social Psychology | | | | | SP | Venkata Ratnadeep Suri | | UG/PG | 4 | REST |
| SSH | PSY305/PSY505 | | | Attention and Perception | | | | | ATP | Sonia Baloni Ray | | UG | 4 | REST |
| SSH | PSY306/PSY506 | | | Learning and Memory | | | | | LM | Mrinmoy Chakrabarty | | UG | 4 | REST |
| SSH | SOC313/SOC503 | | | Sociology of India: Themes and Perspectives | | | | | SOI | Smriti Singh | | UG/PG | 4 | REST |
| SSH | SSH300/SSH500 | | | Theories of Ethics | | | | | TE | Nishad Patnaik | | UG/PG | 4 | REST |
| SSH | SSH325/525 | | | Ethics in AI | | | | | EI | Manohar Kumar | | UG/PG | 4 | IV&Rest |
| SSH | SSH3xx | | | Japanese Language (New) | | | | | JALang | Guest Faculty | | UG/PG | 4 | REST |
| SSH | ECO333 | | | Macroeconomics | | | | | MA | Souvik Dutta | | UG | 4 | IV&Rest |
| SSH | MTH377/MTH577 | | | Convex Optimization | | | | | COO | Rakesh Chaturvedi | | UG/PG | 4 | IV&Rest |