Academic Booklet

Academic Year 2025-26

Bachelor of Technology
in
Computer Science and Engineering
(B. Tech CSE)
Semester – 5

Department of Computer Science and Engineering

Parul Institute of Technology

Faculty of Engineering and Technology

Parul University

Our Management Team

THE LEADERSHIP

Dr. Devanshu Patel
President,
Parul University

Dr. Parul Patel
Vice President,
(Student Affairs & General Administration) &
Chair Admissions Committee

Dr. Komal Patel
Vice President (Medical & Paramedical Health Sciences) & Medical Director

Dr. Geetika Patel
Vice President (Quality, Research & Health Sciences) & Medical Director

Dr. Vinod Patel
Member,
Board of Management

Dr. Arvind Patel
Director, Infrastructure & Civil Works

Our University **Administration**

Provost

Dr. Amit Ganatra

Registrar

Prof. Manish Pandya

FET Management Team

Dr. Vipul Vekariya

Dean - FET, Parul University
Mob: 9909459540
Email: vipul.vekariya18435@paruluniversity.ac.in

Dr. Swapnil M Parikh

Principal, Parul Institute of Technology
Parul University
Mobile: 9998168061
Email: pit@paruluniversity.ac.in

Dr. Jaymin Bhalani

Vice Principal ,
Parul Institute of Technology
Parul University
Mob:9426352396
Email:jaymin.bhalani25970@paruluniversity.ac.in

Dr. Manisha Pathak

Academic Director, PIT – Parul University.
Landline:02668-260348
Mob:9427787534
Email: manisha.pathak8763@paruluniversity.ac.in

Ms. Sumitra Menaria

Head & Assistant Professor,
Computer Science and Engineering Department
Parul Institute of Technology,
Faculty of Engineering and Technology
Parul University
Mobile: 9426765592
Office: 02668 260461
Email: pitcomputerhod@paruluniversity.ac.in

INDEX

About the University

A multidisciplinary destination of learning and innovation, propelling quality in higher education with a record of being India's youngest private university to receive NAAC A++ accreditation in the first cycle. Situated in Vadodara, Gujarat, Parul University, is an embodiment of the nation's essence of cultural heritage blended with modern innovations and academic practices for student enrichment, while fostering national and global development. The University is an amalgamation of faculties and institutes that offer a plethora of diploma, undergraduate, postgraduate and doctoral programs in numerous disciplines. Through its uniquely structured, industry linked and field aligned programs, the University holds a noteworthy record of fulfilling the infinite dreams of students, by launching their lucrative careers towards high trajectories through start-up incubation and impeccable placement records. The 150+ acre eco-friendly campus is home to over 50,000+ students from every State of India and over 3,500 international students from 75+ countries, making Parul University a truly culturally global destination. In addition to its NAAC A++ accreditation, the University holds global memberships in bodies such as the Association of Commonwealth Universities. The University's stamps of quality extend to its DSIR recognition for quality research, NABL accreditation for quality in clinical medical research, NABH accreditation for quality healthcare and ARIIA Top 50 ranking for innovation achievements nationwide. In recognition of Parul University's excellence in education it has been awarded for being the Best Private University in Western India by Praxis Media and Best University in Placements by ASSOCHAM and the Most Outstanding University in West Zone for having Highest Nationalities in Campus at the World Education Summit Awards.

VISION

To make successful academic quests through entrepreneurship. research, modernization and partnerships, thus making PU the finest educational destination

MISSION

- Bridging the gap between academia and career, by laying emphasis on development programs for both students and staff.
- Promoting healthy relationships between PU's existing students, alumni, teachers and staff
- Forming associations with other universities and corporate firms of the nation and the world
- Presenting state-of-the-art infrastructure with high quality and work ethics.

About the Institute

To strive towards attaining the status of global educational university by setting higher benchmarks in quality education to deliver excellence in academics, research, innovation and extension activities through the implementation of best practices adopted by renowned academic institutes in teaching and learning processes by continuously monitoring the effectiveness of the University's practices, fostering a quality learning ecosystem through state-of-the-art facilities to enable the beneficiaries to enhance their skillsets and knowledge, with enhanced emphasis on comprehensive development. The institute aims to create a learning environment that fosters innovation, industry readiness, and professional development. It is recognized for its state-of-the-art infrastructure, research-oriented approach, industry tie-ups, and a strong focus on entrepreneurship and experiential learning.

VISION

To be a center of excellence in technical education and research, creating globally competent and socially responsible professionals. This vision reflects PIT's commitment to nurturing students who can meet global challenges while maintaining strong ethical and social values.

MISSION

- To foster research and development by encouraging faculty and students to engage in cutting-edge technologies.
- To promote industry-institute interaction for real-world learning experiences and skill development.
- To instill ethical values and leadership qualities in students to make them responsible citizens.
- To cultivate an environment of continuous improvement, learning, and personal development.

About the Department

The Computer Science and Engineering department at Parul Institute of Technology is a hub of academic excellence, fostering global success. Our state-of-the-art labs, manned by highly qualified faculty, offer hands-on learning. Partnering with industry giants like Microsoft, Oracle, Intel, and SAP, we ensure our curriculum remains cutting-edge, enhancing placement prospects in esteemed firms such as Juspay, Civica, Mastek Ltd, Sophos etc. Apple authorized training center and advanced networking and IoT labs, help students to delve into emerging technologies. We promote innovation through platforms like Google Developer Students Club and industry internships. Our alumni network bolsters this synergy, offering mentorship to our existing students by ASMP (Alumni Student Membership Program). Certifications from Coursera, NPTEL, and Edx refine technical skills of students, while hackathons provide platform to showcase the technical talent. Beyond academics, we emphasize holistic development, including sports, extracurriculars and NCC participation. At Parul Institute of Technology, we groom the next generation of tech leaders for success in the digital era.

VISION

To pursue prosperous academic endeavors via entrepreneurship. Research, modernization, and collaborations make CSE the best place to pursue engineering Program.

MISSION

- Creating a bridge between education and the workplace by emphasizing staff and student development initiatives.
- CSE Department aims to foster positive relationships among its current student body, alumni, faculty, and staff.
- It also seeks to establish partnerships with other academic institutions and international corporations. Finally, it presents cutting-edge facilities that are of the highest caliber and uphold ethical standards.

CODE OF CONDUCT FOR STUDENTS

- All students of Parul University shall compulsorily display their University ID cards by wearing it round their neck. If any student is found without an ID card on any day, he/she will be marked absent for that day.
- The university expects all the students to behave in a manner expected of a prudent person.
- The students shall be dressed in a presentable manner which does not invite criticism from any quarter
- The students shall strictly adhere to the class timings and be punctual in attending all classes
- The students shall display cordial, genial and respectful behaviour towards their teachers
- The students should be polite, cooperative and respectful in dealing with the employees of the University
- The students shall maintain the highest order of cleanliness in the classroom as well as in the college premises
- The students should not indulge in boisterous behaviour at any place on the university campus
- The students shall follow the directions issued in accessing common places such as library, canteen, sports fields, auditorium, gymnasium, swimming pool etc...
- The students shall strictly follow the schedules given by the class teacher regarding the assignments, class tests, examinations, practicals etc...and shall complete the assigned work within the duration specified by their teachers.
- The students shall follow the instructions given by the teacher during practicals in relation to the use of laboratory/workshops/implements/equipments...
- Whenever the student has queries regarding their performance from either the class teacher or from any office in the College/University, they should follow the procedures laid down for the same and approach the concerned with utmost respect to the Authority.
- The students shall pay all prescribed fees at the stipulated times and avoid being penalized for non-payment of fees
- The students shall not indulge in unfair means during the conduct of class tests/ internal and external examinations
- The students shall not indulge in unlawful assembly at any place in the campus.
- Any problem encountered by the students should be brought to the notice of the Authorities immediately available in the College/University

- The students should never take law into their own hands and report any matter of lawlessness or harassment to the College Authorities immediately which, in turn, will initiate suitable action.
- The students shall participate in all national events such as Independence Day, Republic Day organized by the University.
- The students should not indulge in any of the activities which adversely affect the reputation of the University.
- The students shall not consume prohibited substances such as alcohol, narcotics, Marijuana, Heroin, Cocaine etc. and shall not keep in their custody/hostel premises illegal objects/ materials such as firearms, missiles, bombs, narcotics, alcohol or other intoxicants etc.
- Smoking and chewing of tobacco is strictly prohibited in the campus.
- UGC has directed all the universities to strictly implement anti-ragging measures in universities and colleges. It is also the responsibility of the institutions in the university to ensure safety of the newcomers and to protect them from any incidence which may harm either their physical or mental faculties. Any student, who has been found involved in the incident related to ragging, strict disciplinary action as enumerated in UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 will be initiated against the delinquent student.
- Any violation of the provisions mentioned above will be viewed as an Act of Misconduct and university, after conducting a thorough probe into such incidents, shall initiate strict disciplinary action against delinquent students.

CODE OF CONDUCT FOR FOREIGN STUDENTS WHILE RESIDING OUTSIDE THE UNIVERSITY CAMPUS:

A number of foreign nationals are studying in the University under various degree programmes. Those foreign students who stay outside the campus will have to adhere to certain code of conduct as mentioned below.

- They have to enter into a Rent Agreement with the owners of the accommodation and submit a copy of the same to the ISAC in the University
- They shall inform the local police about their residence
- Boys and girls should necessarily stay in separate accommodation
- They shall not consume any narcotic substance such as Marijuana, Heroin, Cocaine etc.... In case, they consume alcohol, they should necessarily have obtained permit for the same from competent authorities. Any violation would make them liable for disciplinary action from the concerned authorities.
- They should not play loud music in their accommodation which would serve as a nuisance to the neighbours. They should maintain cordial relations with their neighbours and shall live in harmony with them. Further, they should not indulge in any boisterous behavior such as getting into altercation with neighbours, causing disturbance to them etc...Moreover, they shall always maintain the social decorum by behaving politely, wearing appropriate attire so as to ensure the amicable living atmosphere with others.
- Whenever they leave town for any reason, they should necessarily inform the authorities in ISAC and also their counsellor.

Regulations for boarders residing in the university hostels:

GENERAL:

- All students shall conform to the rules of good conduct and shall respect the authorities of the university.
- Students shall put in efforts to protect the property of the university and make proper use of the facilities provided.
- No student shall deface or destroy any university or public property.
- Students shall maintain proper decorum in all places such as classrooms, hostels, laboratories, sports facilities, transport facilities etc...
- Students shall not disturb the normal work of the university by disorderly conduct, boisterous behaviour and unauthorized assembly.
- Ragging in any form is strictly prohibited.
- Consumption of alcohol or drunkenness or drug addiction or gambling on the campus is strictly prohibited.
- Students should not indulge in celebration of any festivals on days other than those notified by the university.
- Violation of any of the regulations will be treated as an act of indiscipline and shall be brought to the notice of the Hostel Superintendent by the concerned student.
- The Hostel Superintendent in consultation with the concerned Rectors shall enquire into the matter and may implement immediate measures such as giving a warning, imposing a fine or debarring from the hostel for a period not exceeding one month.
- In further cases of serious indiscipline, an Inquiry cum Disciplinary Committee may be formed comprising officials in the university and the said Committee shall inquire into acts of indiscipline and suggest punitive measures to the Higher Authorities in the University.
- The decision of the higher authorities in the university in all these matters shall be final and binding on all concerned.
- The Rector of each hostel shall hold weekly open meetings with the boarders on designated day and time to address the grievances of the boarders, if any.
- Similar open meetings will be held by the Hostel Superintendent with the boarders once a month on designated day and time to address the grievances of the boarders, if any.

ADMISSION TO THE HOSTELS:

- Any student admitted to any institution in the university is eligible to be admitted to the concerned hostel subject to the availability of accommodation.
- Preference will be given to the regular students of the university.
- Application may be made to the Rector of the hostel on payment of prescribed application fees.
- The Rector of the hostel in consultation with the Hostel Superintendent shall allot rooms to the applicants depending upon the availability.

PAYMENT OF HOSTEL FEES

- Every boarder in the hostel shall pay the prescribed fees from time to time.
- The Hostel Fees will be decided by the Management of the Trust running the hostels.
- In case, the prescribed fees are not paid in time, the boarder shall have to pay the fine as decided by the Management of the Trust

BEHAVIOUR OF BOARDERS IN THE HOSTEL

- The boarders shall not change the room allotted to them by the Rector without the permission of the Rector.
- The boarders shall keep their rooms neat and tidy and shall cooperate with the hostel management in safe upkeep of the common utilities provided to them.
- The boarders shall allow the Rector to inspect their rooms whenever demanded.
- The corridors, toilets, reading room, TV room, mess etc... are common utilities provided by the hostel and it is the responsibility of every boarder to use them appropriately without causing any damage.
- The boarders themselves are responsible for the safety of their belongings and are advised not to keep any valuable items in their rooms.
- The boarders shall not consume prohibited substances such as alcohol, narcotics, Marijuana, Heroin, Cocaine etc. and shall not keep in their custody/hostel premises illegal objects/ materials such as firearms, missiles, bombs, narcotics, alcohol or other intoxicants etc.
- Smoking and chewing of tobacco is strictly prohibited
- Gambling in any form is strictly prohibited

- Viewing prohibited material on personal computers, laptops, mobile and other electronics devices will be strictly viewed as an act of indiscipline.
- No person other than the boarders shall be allowed to enter the hostel premises without the permission of the Rector.
- Boarders shall not allow any guests to stay overnight in their rooms.
- No boarder shall stay outside the hostel after 9:00 PM without prior permission of the Rector. However, boarders in the Ladies' Hostel shall not remain outside the hostel beyond 7: 30 PM without prior permission of the Rector. Any violation of this provision shall be viewed seriously and disciplinary proceedings will be initiated.
- Boarders shall treat all employees of the hostel with courtesy and respect.
- Boarders shall not hold any unauthorized meeting in the hostel premises.
- Boarders shall vacate the hostel during vacations to facilitate upkeep of the hostels.
- Boarders shall wear proper dresses when they visit the common room, dining hall or any public place on the university campus.
- Any complaint or grievances which the boarders have shall be reported to the Rector who in turn shall bring it to the notice of the Hostel Superintendent immediately for redressal.

HOSTEL MESS

- There shall be as many number of messes as is required in the university premises.
- All meals, breakfast etc... will be served only in the mess.
- Boarders shall have food only in that mess to which they are allotted.
- The mess charges shall be collected along with the hostel fees as determined by the Trust.
- Boarders shall treat all mess workers with courtesy and respect.
- Food will not be taken out of the mess for any reason.
- Any complaints regarding the quality of food shall be brought to the notice of the concerned Rectors and Hostel Superintendent.
- The boarders shall strictly adhere to the timings of the mess.
- The boarders will have to be properly dressed while coming to the mess.

Registrar

Code of Discipline:

- **Academic Integrity:** Be honest in all academic work; avoid plagiarism and cheating.
- **Respectful Behavior:** Treat everyone with respect; no discrimination, harassment, or bullying.
- **Attendance**: Attend classes regularly and participate actively.
- **Professionalism**: Exhibit professionalism in behavior, attire, and communication.
- **Resource Use:** Use university resources responsibly.
- **Community Engagement:** Participate in community service.
- **Respect:** Treat everyone with respect and dignity.
- **Compliance**: Follow all laws and university policies.
- **Integrity:** Maintain honesty in all activities.
- **Responsibility**: Be accountable for one's actions.

Unaccepted behaviors

- **Dishonesty**: Plagiarism, cheating, or any form of academic fraud.
- **Disrespect**: Discrimination, harassment, bullying, or any form of disrespect towards faculty, staff, or peers.
- **Absenteeism**: Frequent unexcused absences from classes and other mandatory activities.
- **Unprofessionalism**: Inappropriate attire, unpunctuality, irresponsible communication, and failure to meet deadlines.
- **Resource Misuse:** Unauthorized or unethical use of university facilities and resources.
- **Disruption**: Any actions that disrupt the educational environment or university operations.
- **Substance Abuse**: Use or possession of illegal drugs or alcohol on campus.
- **Violence**: Any form of physical violence or threats against others.
- **Theft**: Stealing or damaging university or personal property.
- **Cyber Misconduct**: Unauthorized access to or misuse of university digital resources.
- **Insubordination**: Defying or disrespecting authority figures within the university.
- **Gambling**: Engaging in gambling activities on campus.
- **Unauthorized Gatherings**: Participating in or organizing unapproved gatherings or protests.
- **Unethical Behavior**: Any actions that compromise the ethical standards of the university.

Disciplinary Measures

- **Warnings**: Issuance of verbal or written warnings for minor infractions.
- **Probation**: Placing the individual on probation with specific conditions for improvement.
- **Detention from Academics**: Temporary restriction from attending classes or participating in academic activities.
- **Suspension**: Temporary suspension from classes, activities, or university services for serious or repeated offenses.
- **Expulsion**: Permanent expulsion from the university for severe or continued violations of the code of conduct.

About the Programme

Computer Science has become one of the most fundamental aspects of development in the various businesses, technological and administrative organizations. Information gathering through computer science provides broad exposure to the functionality of numerous trends. The Faculty of Engineering's Department of Computer Engineering provides a four-year bachelor's degree program in Computer Science & Engineering. The program is strategically designed to provide students with the fundamentals, analysis, and an expert understanding of the field. In order to expose students to in-depth practical exposure to this field, the department is equipped with computer facilities and laboratories which allow students to be engaged at a personal level and in the real-time processing of the technical processes that are involved. The program exposes students to various systems and subjects such as data sciences, business analytics, machine learning, tableau, and python, amongst others. The program is also taken under the instruction of expert faculties and professors who provide students with an in-depth understanding of how the industry works and functions in preparation for various streams of careers.

Details about NEP-2020

The National Education Policy 2020 (NEP-2020) heralds a transformative vision for the Indian education landscape, addressing the evolving needs of the 21st century. This comprehensive framework emphasizes a holistic and multidisciplinary approach to education, integrating science, arts, humanities, and sports to nurture creativity and critical thinking. NEP-2020 advocates for flexibility in course choices, enabling students to pursue subjects across streams and fostering an interdisciplinary learning environment. It places a strong emphasis on early childhood care and education (ECCE), introducing a new structural framework that encompasses the foundational, preparatory, middle, and secondary stages of learning. The policy also prioritizes teacher training and professional development, assessment reforms, and the integration of technology in education to enhance access and quality. NEP-2020 aims to restructure higher education, with a focus on increasing enrollment, promoting research and innovation, and granting autonomy to educational institutions. Furthermore, it underscores the importance of equity and inclusion, striving to bridge the gap in access to education and promote the preservation and promotion of Indian languages. Overall, NEP-2020 represents a paradigm shift towards a more inclusive, flexible, and forward-thinking education system that is aligned with the aspirations of a rapidly changing world.

Key Features Of NEP 2020

- Flexibility in Learning
- Early Childhood Care and Education (ECCE)
- Teacher Training and Professional Development
- Assessment Reforms
- Higher Education Restructuring
- Technology Integration
- Equity and Inclusion

Parul University
Faculty of Engineering & Technology
Department of Computer Science & Engineering
COs, POs and PSOs
Academic Year 2024-25

Introduction: Outcome Based Education (OBE) has become the standard of practice in Higher Education Institutions. Hence, Course Outcomes, Program Outcomes and attainment of COs and POs play vital role as far as Outcome Based Education is concerned.

Course Outcomes are statements that are in the view of what the students are expected to attain at the end of the course.

Program Outcomes (POs) represent the knowledge, skills and attitudes the students should have at the end of the Program. There are 12 POs.

Program Specific Outcomes (PSOs) are the statements that define outcomes of a program which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the advancement of society and its sustainability. PSOs are what the students should be able to do at the time of graduation. The PSOs are program specific written by the department offering the program. There are usually two to four PSOs for a department.

Methodology:

The calculation is based on marks obtained by the students in their Internal Assessment (assignments, weekly examinations, midterm examination/s, Internal Practical/s) and External Assessment (end semester theory and practical examination). After result analysis of the said components, the marks are to be converted to see if they meet the course outcome set by the teachers. The teacher shall get the score of course outcome to measure the contribution of each course until students complete their entire program.

Program Outcomes (POs): (An example for detailed understanding of POs)

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of engineering fundamentals, science, Mathematics and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, frame, review research literature, and analyze complex engineering problems reaching authenticated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the stated needs with suitable consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide cogent conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to evaluate societal, health, safety, legal and cultural issues and the resultant responsibilities pertinent to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual, as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to understand and write effective reports, design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and as a leader in a team, to manage projects in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs):

PSO1 - An ability to analyze, design, verify, validate, code and maintain the solution of given problem to derive execution of software system.

PSO2 - An ability to understand, apply and work with one or more domain using knowledge of mathematical techniques and principles with relevant areas of computer science.

(As far as PSOs are concerned, there can be from two to four PSOs)

Faculty of Engineering & Technology

Parul® University — NAAC A++ Accredited University

Academic Calendar (ACY 2025-26) (Odd Term)

B.Tech/Diploma Engineering/M.Tech/IEDP (Reg Sem - III, V, VII)

Week	MONDAY	Tuesday	Wednesday	Thursday	Friday	Saturday
01 June	09 Teaching Start	10	11	12	13	14
02	16	17	18	19	20	21
03	23	24	25	26	27	28
04 June/July	30	01	02	03	04	05 Weekly 1
05	07	08	09	10	11	12 Weekly 2
06	14	15	16	17	18	19 Weekly 3
07	21	22	23	24	25	26 Weekly 4
08 July/Aug	28 Weekly 5	29	30	31	01 Mid Sem Exam	02
09	04 Mid Sem Exam	05 Mid Sem Exam	06 Mid Sem Exam	07 Mid Sem Exam	08 Mid Sem Exam	09 Raksha Bandhan
10	11	12	13	14	15 Independence Day	16 Janmashtmi
11	18	19	20	21	22	23
12	25	26	27 Samvatsari	28	29	30
13 Sept	01	02	03	04	05	06
14	08	09	10	11	12	13
15	15	16	17	18	19	20
16	22	23	24	25	26	27 T/W Submission
17 Sept/Oct	29 T/W Submission	30 T/W Submission	01 T/W Submission	02 Gandhi Jayanti	03 T/W Submission	04
18	06	07	08	09	10	11 Teaching End
19	13 ESE Practical	14 ESE Practical	15 ESE Practical	16 ESE Practical	17 ESE Practical	18
20 & 21 Oct/Nov	20 Oct to 1 Nov Diwali Vacation					
22	03 ESE Practical	04 ESE Practical	05 ESE Practical	06 ESE Practical	07 ESE Practical	08 ESE Practical
23	10 ESE Theory	11 ESE Theory	12 ESE Theory	13 ESE Theory	14 ESE Theory	15 ESE Theory
24	17 ESE Theory	18 ESE Theory	19 ESE Theory	20 ESE Theory	21 ESE Theory	22 ESE Theory

Important Notes

1. Remedial Mid Term Exam of Previous Sem : 01 - 05 Sept, 2025
2. Marks Locking date by HOD : 07 Oct, 2025
3. Marks Locking date by Principal and Dean : 08 Oct, 2025
4. End Sem Practical Dates : 13-17 Oct & 03-08 Nov, 2025
5. Diwali Vacation : 19 Oct - 02 Nov, 2025.
6. End Sem Theory Exam : 10-22 Nov, 2025
7. End Sem Supplemetary Exam : 24 Nov Onwards
8. New Term (Even) Commencement : 24 Nov, 2025

Dean - Faculty of Engineering & Technology

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A1_CSE_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	DAA(T1)358	SE(SS)358	DAA(T1)358	TOC(NNB)358	SE(SS)358	LIBRARY / SELF STUDY
08:25 - 09:20	EP(T1)358	DAA(T1)358	EP(T1)358	SE(SS)358	TOC(NNB)358	LIBRARY / SELF STUDY
09:20 - 09:30	RECESS					
09:30 - 10:25	PCE:(IS): 358	58 LIBRARY / SELF STUDY	5A1-1:SE(SS):358	5A1-1:DAA(T1):358	AWS(BS)358	LIBRARY / SELF STUDY
10:25 - 11:20	DADV(VP)358	DADV(VP)358			DADV(VP)358	LIBRARY / SELF STUDY
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	5A1-1:EP(T1):358	5A1-1:DAA(T1):358	TOC(NNB)358	5A1-1:DADV(VP):C4	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
01:15 - 02:10			AWS(BS)358		LIBRARY / SELF STUDY	LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T1	T1		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T1	T1		
303105253	Software Engineering	SE	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105254	Software Engineering Laboratory	SE-L	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105306	Theory of Computation	TOC	Ms. Nirali NitinbhaiBhaliya	NNB	nirali.bhaliya270184@paruluniversity.ac.in	15306
303105309	Enterprise Programming using Java	EP	T1	T1		
303105310	Enterprise Programming using Java Laboratory	EP-L	T1	T1		
303105314	Data Analytics and Data Visualization	DADV	Dr. Vinod Patidar	VP	Vinod.patidar28579@paruluniversity.ac.in	28579
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Dr. Vinod Patidar	VP	Vinod.patidar28579@paruluniversity.ac.in	28579
303193304	Professionalism & Corporate Ethics	PCE	Irfatnaz Shaikh	IS	irfatnaz.shaikh34375@paruluniversity.ac.in	34375
303105302	AWS	AF	Bela Shah	BS		35326

CLASSROOM NO: 358,

LAB/ TUTORIAL LOCATION: 358, C4

FACULTY REPRESENTATIVE / Mr. Mohit Rathod (mohitkumar.rathod20807@paruluniversity.ac.in)

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareD **Ms SUMITRA MENARIAHead of Department** **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A2_CSE_2025-26**

Parul® University

NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	SE(SS)360	DAA(T1)360	DADV(BD)360	DAA(T1)360	LIBRARY / SELF STUDY	DADV(BD)360
08:25 - 09:20	DAA(T1)360	SE(SS)360	SE(SS)360	EP(T1)360	LIBRARY / SELF STUDY	EP(T1)360
09:20 - 09:30	RECESS					
09:30 - 10:25	TOC(DPP)360	5A2-1:EP(T1):360	LIBRARY / SELF STUDY	5A2-1:DADV(BD):360	LIBRARY / SELF STUDY	5A2-1:DAA(T1):360
10:25 - 11:20	PCE:(IS): 360		TOC(DPP)360		LIBRARY / SELF STUDY	
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	5A2-1:SE(SS):360	AWS(BS)360	5A2-1:DAA(T1):C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(BS)360
01:15 - 02:10		DADV(BD)360		LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	TOC(DPP)360

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T1	T1		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T1	T1		
303105253	Software Engineering	SE	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105254	Software Engineering Laboratory	SE-L	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105306	Theory of Computation	TOC	Mr. Devendra Pursottambhai Parmar	DPP	devendra.parmar8819@paruluniversity.ac.in	26133
303105309	Enterprise Programming using Java	EP	T1	T1		
303105310	Enterprise Programming using Java Laboratory	EP-L	T1	T1		
303105314	Data Analytics and Data Visualization	DADV	Bharti Dubey	BD	bharti.dubey34662@paruluniversity.ac.in	34662
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Bharti Dubey	BD	bharti.dubey34662@paruluniversity.ac.in	34662
303193304	Professionalism & Corporate Ethics	PCE	Irfatnaz Shaikh	IS	irfatnaz.shaikh34375@paruluniversity.ac.in	34375
303105302	Azure Fundamentals	AF	Bela Shah	BS		35326

CLASSROOM NO: 360

LAB/ TUTORIAL LOCATION: 360, C5

FACULTY REPRESENTATIVE /

Ms Arpita Limbachiya

arpita.vaidya24720@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareD | **Ms SUMITRA MENARIAHead of Department** | **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A3_CSE_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	DADV(NP)361	5A3-1:EP(T1):361	EP(T1)361	LIBRARY / SELF STUDY	EP(T1)360	DAA(T1)358
08:25 - 09:20	SE(SS)361		DAA(T1)361	LIBRARY / SELF STUDY	DAA(T1)360	SE(SS)358
09:20 - 09:30	**RECESS**					
09:30 - 10:25	62LIBRARY / SELF STUDY	PCE:(CK): 361	5A3-1:DADV(BD):361	LIBRARY / SELF STUDY	5A3-1:DAA(T1):360	DADV(NP)358
10:25 - 11:20	TOC(SB)361	SE(SS)361		LIBRARY / SELF STUDY		TOC(SB)358
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	5A3-1:DAA(T1):361	DADV(NP)C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(BS)358	5A3-1:SE(SS):358
01:15 - 02:10		TOC(SB)C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(BS)358	

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	T1	T1		
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	T1	T1		
303105253	**Software Engineering**	SE	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105254	**Software Engineering Laboratory**	SE-L	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105306	**Theory of Computation**	TOC	Mrs. SUJAYA BHATTACHARJEE	SB	Sujaya.bhattacharjee29571@paruluniversity.ac.in	29571
303105309	**Enterprise Programming using Java**	EP	T1	T1		
303105310	**Enterprise Programming using Java Laboratory**	EP-L	T1	T1		
303105314	**Data Analytics and Data Visualization**	DADV	Nitin Pal	NP	nitin.pal34737@paruluniversity.ac.in	34737
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Bharti Dubey	BD	bharti.dubey34662@paruluniversity.ac.in	34662
303193304	**Professionalism & Corporate Ethics**	PCE	Chetna Kumari	CK	chetna.kumari29505@paruluniversity.ac.in	29505
303105302	**Azure Fundamentals**	AF	Bela Shah	BS		35326

CLASSROOM NO: 361, C5, 360, 358

LAB/ TUTORIAL LOCATION: 361, 360, 358

FACULTY REPRESENTATIVE / Ms Bhumi Shah, bhumi.shah19174@paruluniversity.ac.in

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Ms. SUNITA MENARIA **Head of Department**

Dr. Swapnil M Parikh Principal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A4_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	DAA(T2)362	5A4-1:DADV(BD):362	LIBRARY / SELF STUDY	DAA(T2)361	DADV(BD)361	EP(T1)361
08:25 - 09:20	DADV(BD)362		LIBRARY / SELF STUDY	DADV(BD)361	EP(T1)361	DAA(T2)361
09:20 - 09:30	**RECESS**					
09:30 - 10:25	TOC(SB)361	TOC(SB)362	LIBRARY / SELF STUDY	5A4-1:EP(T1):361	5A4-1:DAA(T2):361	TOC(SB)361
10:25 - 11:20	62LIBRARY / SELF STUDY	PCE:(CK): 362	LIBRARY / SELF STUDY			SE(AMV)361
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	LIBRARY / SELF STUDY	SE(AMV)C4	LIBRARY / SELF STUDY	SE(AMV)358	5A4-1:SE(AMV):360	5A4-1:DAA(T2):361
01:15 - 02:10	LIBRARY / SELF STUDY	AWS(BS)C4	LIBRARY / SELF STUDY	AWS(BS)358		

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	T2	T2		
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	T2	T2		
303105253	**Software Engineering**	SE	Mrs. Arpita Meet Vaidya	AMV	arpita.vaidya24720@paruluniversity.ac.in	24720
303105254	**Software Engineering Laboratory**	SE-L	Mrs. Arpita Meet Vaidya	AMV	arpita.vaidya24720@paruluniversity.ac.in	24720
303105306	**Theory of Computation**	TOC	Mrs. SUJAYA BHATTACHARJEE	SB	Sujaya.bhattacharjee29571@paruluniversity.ac.in	29571
303105309	**Enterprise Programming using Java**	EP	T1	T1		
303105310	**Enterprise Programming using Java Laboratory**	EP-L	T1	T1		
303105314	**Data Analytics and Data Visualization**	DADV	Bharti Dubey	BD	bharti.dubey34662@paruluniversity.ac.in	34662
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Bharti Dubey	BD	bharti.dubey34662@paruluniversity.ac.in	34662
303193304	**Professionalism & Corporate Ethics**	PCE	Chetna Kumari	CK	chetna.kumari29505@paruluniversity.ac.in	29505
303105302	**Azure Fundamentals**	AF	Bela Shah	BS		35326

CLASSROOM NO: 362, C4, 358, 361

LAB/ TUTORIAL LOCATION: 362, 361, 360

FACULTY REPRESENTATIVE / Ms. Frenisha Digaswala frenisha.digaswala22620@paruluniversity.ac.in

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Mahendra MENARIA Head of Department

Dr. Swapnil M Parikh Principal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A5_CSE_2025-26**

Parul® University

NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	EP(T1)370	LIBRARY / SELF STUDY	SE(GS)362	EP(T1)362	SE(GS)362	DAA(T2)362
08:25 - 09:20	DAA(T2)370	LIBRARY / SELF STUDY	TOC(AMG)362	DAA(T2)362	TOC(AMG)362	SE(GS)362
09:20 - 09:30	RECESS					
09:30 - 10:25	5A5-1:DAA(T2):370	LIBRARY / SELF STUDY	PCE:(BJ): 362	5A5-1:DADV(VP):362	DADV(VP)362	LIBRARY / SELF STUDY
10:25 - 11:20		LIBRARY / SELF STUDY	DADV(VP)362		362	LIBRARY / SELF STUDY
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	AWS(BS)C5	LIBRARY / SELF STUDY	5A5-1:DAA(T2):360	5A5-1:SE(SS):360	5A5-1:EP(T1):361	DADV(VP)362
01:15 - 02:10	AWS(BS)C5	LIBRARY / SELF STUDY				TOC(AMG)362

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T2	T2		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T2	T2		
303105253	Software Engineering	SE	Gautam Singh	GS	gautam.singh35783@paruluniversity.ac.in	35783
303105254	Software Engineering Laboratory	SE-L	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105306	Theory of Computation	TOC	Ajitesh Moy Gosh	AMG	ajitesh.ghosh36908@paruluniversity.ac.in	36908
303105309	Enterprise Programming using Java	EP	T1	T1		
303105310	Enterprise Programming using Java Laboratory	EP-L	T1	T1		
303105314	Data Analytics and Data Visualization	DADV	Dr. Vinod Patidar	VP	Vinod.patidar28579@paruluniversity.ac.in	28579
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Dr. Vinod Patidar	VP	Vinod.patidar28579@paruluniversity.ac.in	28579
303193304	Professionalism & Corporate Ethics	PCE	Bhumi Joshi	BJ	bhumi.joshi23650@paruluniversity.ac.in	23650
303105302	Azure Fundamentals	AF	Bela Shah	BS		35326

CLASSROOM NO: 370,362,C5,360

LAB/ TUTORIAL LOCATION: 370,360,361

FACULTY REPRESENTATIVE / Ms Sujaya Bhattacharje sujaya.bhattacharjee29571@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Mahendra MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY	
FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY	
INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY	
ACADEMIC YEAR: 2025-26	YEAR: 3RD YEAR
SEMESTER: 5TH	LEVEL: UG
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	DIVISION: 5A6_CSE_2025-26

Parul® University
NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	LIBRARY / SELF STUDY	DAA(T2)370	DAA(T2)370	5A6-1:DADV(AKS):370	DAA(T2)370	DADV(AKS)370
08:25 - 09:20	LIBRARY / SELF STUDY	TOC(BG)370	EP(T2)370		EP(T2)370	DADV(AKS)370
09:20 - 09:30	RECESS					
09:30 - 10:25	LIBRARY / SELF STUDY	5A6-1:DAA(T2):370	SE(AMV)370	70LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	5A6-1:SE(AMV):C5
10:25 - 11:20	LIBRARY / SELF STUDY		PCE:(IS): 370	SE(AMV)370	LIBRARY / SELF STUDY	
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	LIBRARY / SELF STUDY	AWS(KKG)361	5A6-1:DAA(T2):361	DADV(AKS)361	TOC(BG)362	5A6-1:EP(T2):370
01:15 - 02:10	LIBRARY / SELF STUDY	SE(AMV)361		TOC(BG)361	AWS(KKG)362	

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T2	T2		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T2	T2		
303105253	Software Engineering	SE	Mrs. Arpita Meet Vaidya	AMV	arpita.vaidya24720@paruluniversity.ac.in	24720
303105254	Software Engineering Laboratory	SE-L	Mrs. Arpita Meet Vaidya	AMV	arpita.vaidya24720@paruluniversity.ac.in	24720
303105306	Theory of Computation	TOC	Dr Bravish Gujar	BG	bravish.gujar36760@paruluniversity.ac.in	36760
303105309	Enterprise Programming using Java	EP	T2	T2		
303105310	Enterprise Programming using Java Laboratory	EP-L	T2	T2		
303105314	Data Analytics and Data Visualization	DADV	Dr Aditya Kumar Singh	AKS	aditya.singh34812@paruluniversity.ac.in	34812
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Dr Aditya Kumar Singh	AKS	aditya.singh34812@paruluniversity.ac.in	34812
303193304	Professionalism & Corporate Ethics	PCE	Irfatnaz Shaikh	IS	irfatnaz.shaikh34375@paruluniversity.ac.in	34375
303105302	Azure Fundamentals	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 370, 361, 362		FACULTY REPRESENTATIVE /	Mr Ashish Patel
LAB/ TUTORIAL LOCATION: 370, 361, C5			ashish.patel28275@paruluniversity.ac.in
etkumar Manojkumar Patel	Ms Aditi Jaiswal	Mr. Shivkumar Lilhare	Dr. Ms SUNITA MENARIA Head of Department	Dr. Swapnil M Parikh Principal

PARUL UNIVERSITY	
FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY	
INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY	
ACADEMIC YEAR: 2025-26	YEAR: 3RD YEAR
SEMESTER: 5TH	LEVEL: UG
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	DIVISION: 5A7_CSE_2025-26

Parul® University
NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	DAA(T3)372	5A7-1:EP(T2):372	DAA(T3)372	DADV(BD)372	DAA(T3)372	LIBRARY / SELF STUDY
08:25 - 09:20	EP(T2)372		DADV(BD)372	EP(T2)372	DADV(BD)372	LIBRARY / SELF STUDY
09:20 - 09:30	RECESS					
09:30 - 10:25	5A7-1:DADV(BD):372	5A7-1:DAA(T3):372	TOC(SB)372	TOC(SB)C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
10:25 - 11:20			SE(AMV)372	C5LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	PCE:(CK): 362	TOC(SB)362	5A7-1:SE(AMV):362	AWS(KKG)362	5A7-1:DAA(T3):370	LIBRARY / SELF STUDY
01:15 - 02:10	SE(AMV)362	AWS(KKG)362		SE(AMV)362		LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T3	T3		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T3	T3		
303105253	Software Engineering	SE	Mrs. Arpita Meet Vaidya	AMV	arpita.vaidya24720@paruluniversity.ac.in	24720
303105254	Software Engineering Laboratory	SE-L	Mrs. Arpita Meet Vaidya	AMV	arpita.vaidya24720@paruluniversity.ac.in	24720
303105306	Theory of Computation	TOC	Mrs. SUJAYA BHATTACHARJEE	SB	Sujaya.bhattacharjee29571@paruluniversity.ac.in	29571
303105309	Enterprise Programming using Java	EP	T2	T2		
303105310	Enterprise Programming using Java Laboratory	EP-L	T2	T2		
303105314	Data Analytics and Data Visualization	DADV	Bharti Dubey	BD	bharti.dubey34662@paruluniversity.ac.in	34662
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Bharti Dubey	BD	bharti.dubey34662@paruluniversity.ac.in	34662
303193304	Professionalism & Corporate Ethics	PCE	Chetna Kumari	CK	chetna.kumari29505@paruluniversity.ac.in	29505
303105302	Azure Fundamentals	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 372, 362, C5		FACULTY REPRESENTATIVE /	Ms Rucha Joshi
LAB/ TUTORIAL LOCATION: 372, 362, 370			rucha.joshi39673@paruluniversity.ac.in
etkumar Manojkumar Patel	Ms Aditi Jaiswal	Mr. Shivkumar Lilhare	Dr. Ms SUNITA MENARIA Head of Department
			Dr. Swapnil M ParikhPrincipal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A8_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	TOC(RAM)373	5A8-1:EP(IT):373	TOC(RAM)373	5A8-1:DADV(NP):373	LIBRARY / SELF STUDY	TOC(RAM)372
08:25 - 09:20	DADV(NP)373		DADV(NP)373		LIBRARY / SELF STUDY	DADV(NP)372
09:20 - 09:30	**RECESS**					
09:30 - 10:25	DAA(KSP)373	SE(ASJ)373	5A8-1:DAA(KSP):C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(KKG)362
10:25 - 11:20	73LIBRARY / SELF STUDY	DAA(KSP)373		LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	DAA(KSP)362
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	5A8-1:DAA(KSP):370	PCE:(SG): 370	SE(ASJ)370	SE(ASJ)370	LIBRARY / SELF STUDY	5A8-1:SE(AMV):372
01:15 - 02:10		EP(PG)370	EP(PG)370	AWS(KKG)370	LIBRARY / SELF STUDY	

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Mrs. Keyaben sanketkumar Patel	KSP	keyaben.patel17883@paruluniversity.ac.in	17883
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Mrs. Keyaben sanketkumar Patel	KSP	keyaben.patel17883@paruluniversity.ac.in	17883
303105253	**Software Engineering**	SE	Ms. Aditi Sanjay Jaiswal	ASJ	Aditi.jaiswal31545@paruluniversity.ac.in	31545
303105254	**Software Engineering Laboratory**	SE-L	Mrs. Arpita Meet Vaidya	AMV	arpita.vaidya24720@paruluniversity.ac.in	24720
303105306	**Theory of Computation**	TOC	Ms. Riddhi Atulkumar Mehta	RAM	riddhi.mehta17528@paruluniversity.ac.in	17528
303105309	**Enterprise Programming using Java**	EP	Dr. Pratik Gite	PG	pratik.gite35430@paruluniversity.ac.in	35430
303105310	**Enterprise Programming using Java Laboratory**	EP-L	ISHAN THAKKAR	IT	ishan.thakkar38369@paruluniversity.ac.in	38369
303105314	**Data Analytics and Data Visualization**	DADV	Nitin Pal	NP	nitin.pal34737@paruluniversity.ac.in	34737
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Nitin Pal	NP	nitin.pal34737@paruluniversity.ac.in	34737
303193304	**Professionalism & Corporate Ethics**	PCE	Sanket Gandhi	SG	sanket.gandhi14473@paruluniversity.ac.in	14473
303105302	**Azure Fundamentals**	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 373, 370, 372,362

LAB/ TUTORIAL LOCATION: 370, 373, C5, 3

FACULTY REPRESENTATIVE / Mr Suraj Singh

suraj.singh34612@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Mrs. SUNITA MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY	
FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY	
INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY	
ACADEMIC YEAR: 2025-26	YEAR: 3RD YEAR
SEMESTER: 5TH	LEVEL: UG
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	DIVISION: 5A9_CSE_2025-26

Parul® University
NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	TOC(NNB)302	SE(PK)302	5A9-1:EP(PG):302	LIBRARY / SELF STUDY	TOC(NNB)373	TOC(NNB)373
08:25 - 09:20	SE(PK)302	DADV(SK)302		LIBRARY / SELF STUDY	DADV(SK)373	DADV(SK)373
09:20 - 09:30	RECESS					
09:30 - 10:25	EP(PG)302	DAA(KSP)C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	SE(PK)370	DAA(KSP)370
10:25 - 11:20	DAA(KSP)302	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	EP(PG)370	AWS(DR)370
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	5A9-1:DADV(SK):372	AWS(DR)372	5A9-1:DAA(KSP):372	LIBRARY / SELF STUDY	5A9-1:DAA(BJT):372	5A9-1:SE(PK):373
01:15 - 02:10		PCE:(IS): 372		LIBRARY / SELF STUDY		

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Mrs. Keyaben sanketkumar Patel	KSP	keyaben.patel17883@paruluniversity.ac.in	17883
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Dr. Bijal Jigar Talati	BJT	bijal.talati30425@paruluniversity.ac.in	30425
303105253	Software Engineering	SE	Prashant Kothari	PK	Prashant.kothari36174@paruluniversity.ac.in	36174
303105254	Software Engineering Laboratory	SE-L	Prashant Kothari	PK	Prashant.kothari36174@paruluniversity.ac.in	36174
303105306	Theory of Computation	TOC	Ms. Nirali NitinbhaiBhaliya	NNB	nirali.bhaliya270184@paruluniversity.ac.in	15306
303105309	Enterprise Programming using Java	EP	Dr. Pratik Gite	PG	pratik.gite35430@paruluniversity.ac.in	35430
303105310	Enterprise Programming using Java Laboratory	EP-L	Dr. Pratik Gite	PG	pratik.gite35430@paruluniversity.ac.in	35430
303105314	Data Analytics and Data Visualization	DADV	Mr. SATISH KUMAR	SK	satish.kumar37499@paruluniversity.ac.in	37499
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Mr. SATISH KUMAR	SK	satish.kumar37499@paruluniversity.ac.in	37499
303193304	Professionalism & Corporate Ethics	PCE	Irfatnaz Shaikh	IS	irfatnaz.shaikh34375@paruluniversity.ac.in	34375
303105302	Azure Fundamentals	AF	Dr. RAJESHWARI	DR	Rajeshwari.trivedi37007@paruluniversity.ac.in	37007

CLASSROOM NO: 302, 372, C5, 370, 373					FACULTY REPRESENTATIVE /	Ms Gayathri Naidu
LAB/ TUTORIAL LOCATION: 372, 302, 372						gayathri.naidu26623@paruluniversity.ac.in
etkumar Manojkumar Patel	Ms Aditi Jaiswal	Mr. Shivkumar Lilhare	Dr. Ms SUNITA MENARIA	Head of Department	Dr. Swapnil M Parikh	Principal

PARUL UNIVERSITY	
FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY	
INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY	
ACADEMIC YEAR: 2025-26	YEAR: 3RD YEAR
SEMESTER: 5TH	LEVEL: UG
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	DIVISION: 5A10_CSE_2025-26

Parul® University
NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	DADV(AKS)303	DADV(AKS)303	LIBRARY / SELF STUDY	EP(PG)302	5A10-1:DADV(AKS):302	EP(PG)302
08:25 - 09:20	TOC(NNB)303	DADV(AKS)303	LIBRARY / SELF STUDY	TOC(NNB)302		TOC(NNB)302
09:20 - 09:30	RECESS					
09:30 - 10:25	LIBRARY / SELF STUDY	5A10-1:SE(PK):C4	LIBRARY / SELF STUDY	PCE:(DB): 372	DAA(KSP)372	5A10-1:EP(PG):372
10:25 - 11:20	LIBRARY / SELF STUDY		LIBRARY / SELF STUDY	DAA(KSP)372	LIBRARY / SELF STUDY	
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	5A10-1:DAA(BJT):373	SE(ASJ)373	LIBRARY / SELF STUDY	5A10-1:DAA(BJT):372	SE(ASJ)373	SE(ASJ)302
01:15 - 02:10		AWS(DR)373	LIBRARY / SELF STUDY		AWS(DR)373	DAA(KSP)302

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Mrs. Keyaben sanketkumar Patel	KSP	keyaben.patel17883@paruluniversity.ac.in	17883
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Dr. Bijal Jigar Talati	BJT	bijal.talati30425@paruluniversity.ac.in	30425
303105253	Software Engineering	SE	Ms. Aditi Sanjay Jaiswal	ASJ	Aditi.jaiswal31545@paruluniversity.ac.in	31545
303105254	Software Engineering Laboratory	SE-L	Prashant Kothari	PK	Prashant.kothari36174@paruluniversity.ac.in	36174
303105306	Theory of Computation	TOC	Ms. Nirali NitinbhaiBhaliya	NNB	nirali.bhaliya270184@paruluniversity.ac.in	15306
303105309	Enterprise Programming using Java	EP	Dr. Pratik Gite	PG	pratik.gite35430@paruluniversity.ac.in	35430
303105310	Enterprise Programming using Java Laboratory	EP-L	Dr. Pratik Gite	PG	pratik.gite35430@paruluniversity.ac.in	35430
303105314	Data Analytics and Data Visualization	DADV	Dr Aditya Kumar Singh	AKS	aditya.singh34812@paruluniversity.ac.in	34812
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Dr Aditya Kumar Singh	AKS	aditya.singh34812@paruluniversity.ac.in	34812
303193304	Professionalism & Corporate Ethics	PCE	Dr. Dharna Bhatt	DB	dharna.bhatt20069@paruluniversity.ac.in	20069
303105302	Azure Fundamentals	AF	Dr. RAJESHWARI	DR	Rajeshwari.trivedi37007@paruluniversity.ac.in	37007

CLASSROOM NO: 303, 373, 372, 302					FACULTY REPRESENTATIVE /	Ms Twara Parikh
LAB/ TUTORIAL LOCATION: 373, 372, 302,						twara.parekh31271@paruluniversity.ac.in
etkumar Manojkumar Patel	Ms Aditi Jaiswal	Mr. Shivkumar Lilhare	Dr. Ms SUNITA MENARIA	Head of Department	Dr. Swapnil M Parikh	Principal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A11_CSE_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	SE(PK)304	LIBRARY / SELF STUDY	5A11-1:DADV(AKS):303	SE(PK)303	TOC(RAM)303	SE(PK)303
08:25 - 09:20	DADV(SKU)304	LIBRARY / SELF STUDY		TOC(RAM)303	DADV(SKU)303	TOC(RAM)303
09:20 - 09:30	**RECESS**					
09:30 - 10:25	DAA(SMP)C5	LIBRARY / SELF STUDY	DAA(SMP)373	EP(PG)373	DAA(SMP)373	5A11-1:EP(SK):373
10:25 - 11:20	AWS(KKG)C5	LIBRARY / SELF STUDY	EP(PG)373	PCE:(JM): 373	73LIBRARY / SELF STUDY	
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	5A11-1:DAA(SMP):302	LIBRARY / SELF STUDY	AWS(KKG)373	5A11-1:SE(PK):373	5A11-1:DAA(SMP):302	LIBRARY / SELF STUDY
01:15 - 02:10		LIBRARY / SELF STUDY	DADV(SKU)373			LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Ms. Sweety Mahendrabhai Patel	SMP	Sweety.patel165013@paruluniversity.ac.in	10822
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Ms. Sweety Mahendrabhai Patel	SMP	Sweety.patel165013@paruluniversity.ac.in	10822
303105253	**Software Engineering**	SE	Prashant Kothari	PK	Prashant.kothari36174@paruluniversity.ac.in	36174
303105254	**Software Engineering Laboratory**	SE-L	Prashant Kothari	PK	Prashant.kothari36174@paruluniversity.ac.in	36174
303105306	**Theory of Computation**	TOC	Ms. Riddhi Atulkumar Mehta	RAM	riddhi.mehta17528@paruluniversity.ac.in	17528
303105309	**Enterprise Programming using Java**	EP	Dr. Pratik Gite	PG	pratik.gite35430@paruluniversity.ac.in	35430
303105310	**Enterprise Programming using Java Laboratory**	EP-L	Mr. SATISH KUMAR	SK	satish.kumar37499@paruluniversity.ac.in	37499
303105314	**Data Analytics and Data Visualization**	DADV	Shivam Kumar Upadhyay	SKU	SHIVAM.UPADHYAY35285@PARULUNIVERSITY.AC.IN	35285
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Dr Aditya Kumar Singh	AKS	aditya.singh34812@paruluniversity.ac.in	34812
303193304	**Professionalism & Corporate Ethics**	PCE	Jigeesha Mujumdar	JM	geesha.mujumdar26794@paruluniversity.ac.i	26794
303105302	**Azure Fundamentals**	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 304, C5, 373, 303

LAB/ TUTORIAL LOCATION: 302, 303, 373

FACULTY REPRESENTATIVE / Ms Shubhangi Dhaygude shubhangi.dhaygude25850@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Sunil GHA MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A12_CSE_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	LIBRARY / SELF STUDY	TOC(RAM)304	5A12-1:DADV(SKU):304	TOC(RAM)304	DADV(SKU)304	DADV(SKU)304
08:25 - 09:20	LIBRARY / SELF STUDY	SE(PK)304		SE(PK)304	TOC(RAM)304	SE(PK)304
09:20 - 09:30	RECESS					
09:30 - 10:25	LIBRARY / SELF STUDY	5A12-1:DAA(BKS):302	EP(PG)302	5A12-1:EP(SK):302	PCE:(IS): 302	DAA(BKS)302
10:25 - 11:20	LIBRARY / SELF STUDY		AWS(KKG)302		DAA(BKS)302	AWS(KKG)302
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	LIBRARY / SELF STUDY	DADV(SKU)302	5A12-1:SE(SS):302	EP(PG)302	5A12-1:DAA(BKS):C5	LIBRARY / SELF STUDY
01:15 - 02:10	LIBRARY / SELF STUDY	DAA(BKS)302		LIBRARY / SELF STUDY		LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Mrs. Bhumi Kaushal Shah	BKS	bhumi.shah19174@paruluniversity.ac.in	19174
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Mrs. Bhumi Kaushal Shah	BKS	bhumi.shah19174@paruluniversity.ac.in	19174
303105253	Software Engineering	SE	Prashant Kothari	PK	Prashant.kothari36174@paruluniversity.ac.in	36174
303105254	Software Engineering Laboratory	SE-L	Suraj Singh	SS	suraj.singh34612@paruluniversity.ac.in	34612
303105306	Theory of Computation	TOC	Ms. Riddhi Atulkumar Mehta	RAM	riddhi.mehta17528@paruluniversity.ac.in	17528
303105309	Enterprise Programming using Java	EP	Dr. Pratik Gite	PG	pratik.gite35430@paruluniversity.ac.in	35430
303105310	Enterprise Programming using Java Laboratory	EP-L	Mr. SATISH KUMAR	SK	satish.kumar37499@paruluniversity.ac.in	37499
303105314	Data Analytics and Data Visualization	DADV	Shivam Kumar Upadhyay	SKU	SHIVAM.UPADHYAY35285@PARULUNIVERSITY.AC.IN	35285
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Shivam Kumar Upadhyay	SKU	SHIVAM.UPADHYAY35285@PARULUNIVERSITY.AC.IN	35285
303193304	Professionalism & Corporate Ethics	PCE	Irfatnaz Shaikh	IS	irfatnaz.shaikh34375@paruluniversity.ac.in	34375
303105302	Azure Fundamentals	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 304, 302,

LAB/ TUTORIAL LOCATION: 302, 304, C5

FACULTY REPRESENTATIVE / Mr Sunny W Thakre

sunny.thakare21241@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. SUNITA MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A13_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	5A13-1:DAA(AMG):307	5A13-1:DAA(AMG):307	TOC(AMG)307	5A13-1:DADV(SKU):307	5A13-1:EP(GDN):307	LIBRARY / SELF STUDY
08:25 - 09:20			EP(GDN)307			LIBRARY / SELF STUDY
09:20 - 09:30	RECESS					
09:30 - 10:25	DAA(MMP)303	SE(HBD)303	DAA(MMP)303	PCE:(JM): 303	DAA(MMP)303	LIBRARY / SELF STUDY
10:25 - 11:20	TOC(AMG)303	03LIBRARY / SELF STUDY	SE(HBD)303	SE(HBD)303	TOC(AMG)303	LIBRARY / SELF STUDY
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	AWS(KKG)303	5A13-1:SE(HBD):303	DADV(ANK)303	EP(GDN)C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
01:15 - 02:10	AWS(KKG)303		DADV(ANK)303	DADV(ANK)C5	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Mr. Meetkumar Manojkumar Patel	MMP	meetkumar.patel19440@paruluniversity.ac.in	19440
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Ajitesh Moy Gosh	AMG	ajitesh.ghosh36908@paruluniversity.ac.in	36908
303105253	Software Engineering	SE	Ms. HINABEN BHARATBHAI DUDHAREJIYA	HBD	hinaben.dudharejiya33929@paruluniversity.ac.in	33929
303105254	Software Engineering Laboratory	SE-L	Ms. HINABEN BHARATBHAI DUDHAREJIYA	HBD	hinaben.dudharejiya33929@paruluniversity.ac.in	33929
303105306	Theory of Computation	TOC	Ajitesh Moy Gosh	AMG	ajitesh.ghosh36908@paruluniversity.ac.in	36908
303105309	Enterprise Programming using Java	EP	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105310	Enterprise Programming using Java Laboratory	EP-L	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105314	Data Analytics and Data Visualization	DADV	Atul Narayan Khambat	ANK	atul.khambat39242@paruluniversity.ac.in	39242
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Shivam Kumar Upadhyay	SKU	SHIVAM.UPADHYAY35285@PARULUNIVERSITY.AC.IN	35285
303193304	Professionalism & Corporate Ethics	PCE	Jigeesha Mujumdar	JM	geesha.mujumdar26794@paruluniversity.ac.i	26794
303105302	Azure Fundamentals	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 303, 307, C5

LAB/ TUTORIAL LOCATION: 307, 303,

FACULTY REPRESENTATIVE / Mr Nitin Pal

nitin.pal34737@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms. SUMITRA MENARIAHead of Department Dr. Swapnil M ParikhPrincipal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A14_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	DADV(SK)308	5A14-1:EP(GDN):308	EP(GDN)308	EP(GDN)308	LIBRARY / SELF STUDY	TOC(AMG)307
08:25 - 09:20	DADV(SK)308		DADV(SK)308	TOC(AMG)308	LIBRARY / SELF STUDY	TOC(AMG)307
09:20 - 09:30	**RECESS**					
09:30 - 10:25	5A14-1:SE(HBD):304	AWS(KKG)304	SE(HBD)304	SE(HBD)304	LIBRARY / SELF STUDY	5A14-1:DADV:(VKP):303
10:25 - 11:20		SE(HBD)304	DAA(MMP)304	DAA(MMP)304	LIBRARY / SELF STUDY	
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	5A14-1:DAA(SHG):304	PCE:(DT): 304	5A14-1:DAA(SHG):C6	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	DAA(MMP)303
01:15 - 02:10		04LIBRARY / SELF STUDY		LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(KKG)303

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Mr. Meetkumar Manojkumar Patel	MMP	meetkumar.patel19440@paruluniversity.ac.in	19440
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Mrs. Shweta HirenbhaiI Gupta	SHG	shweta.gupta33402@paruluniversity.ac.in	33402
303105253	**Software Engineering**	SE	Ms. HINABEN BHARATBHAI DUDHAREJIYA	HBD	hinaben.dudharejiya33929@paruluniversity.ac.in	33929
303105254	**Software Engineering Laboratory**	SE-L	Ms. HINABEN BHARATBHAI DUDHAREJIYA	HBD	hinaben.dudharejiya33929@paruluniversity.ac.in	33929
303105306	**Theory of Computation**	TOC	Ajitesh Moy Gosh	AMG	ajitesh.ghosh36908@paruluniversity.ac.in	36908
303105309	**Enterprise Programming using Java**	EP	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105310	**Enterprise Programming using Java Laboratory**	EP-L	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105314	**Data Analytics and Data Visualization**	DADV	Mr. SATISH KUMAR	SK	satish.kumar37499@paruluniversity.ac.in	37499
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Dr. Vinod Patidar	VKP	Vinod.patidar28579@paruluniversity.ac.in	28579
303193304	**Professionalism & Corporate Ethics**	PCE	Dhruti Trivedi	DT	dhruti.trivedi30769@paruluniversity.ac.in	30769
303105302	**Azure Fundamentals**	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 304, 308, 303, 307

LAB/ TUTORIAL LOCATION: 304, 308, C6, 3

FACULTY REPRESENTATIVE / Ms Mukta Patel

mukta.patel85061@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms. SUNITA MENARIAHead of Department Dr. Swapnil M ParikhPrincipal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A15_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	5A15-1:EP(GDN):309	DAA(DPK)309	5A15-1:DAA(DPK):309	LIBRARY / SELF STUDY	DAA(DPK)308	EP(GDN)308
08:25 - 09:20		TOC(AK)309		LIBRARY / SELF STUDY	TOC(AK)308	EP(GDN)308
09:20 - 09:30	**RECESS**					
09:30 - 10:25	AWS(DR)307	5A15-1:DADV(ANK):307	PCE:(DT): 307	LIBRARY / SELF STUDY	5A15-1:DAA(DPK):304	5A15-1:SE(HBD):304
10:25 - 11:20	TOC(AK)307		DAA(DPK)307	LIBRARY / SELF STUDY		
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	AWS(DR)307	DADV(ANK)C6	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	SE(HBD)303	SE(HBD)304
01:15 - 02:10	SE(HBD)307	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	DADV(ANK)303	DADV(ANK)304

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Ms DOLLY PRAVIN KUMAR KANKARIYA	DPK	Dolly.kankariya37421@paruluniversity.ac.in	37421
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Ms DOLLY PRAVIN KUMAR KANKARIYA	DPK	Dolly.kankariya37421@paruluniversity.ac.in	37421
303105253	**Software Engineering**	SE	Ms. HINABEN BHARATBHAI DUDHAREJIYA	HBD	hinaben.dudharejiya33929@paruluniversity.ac.in	33929
303105254	**Software Engineering Laboratory**	SE-L	Ms. HINABEN BHARATBHAI DUDHAREJIYA	HBD	hinaben.dudharejiya33929@paruluniversity.ac.in	33929
303105306	**Theory of Computation**	TOC	Anurag Kewat	AK	anurag.kewat34668@paruluniversity.ac.in	34668
303105309	**Enterprise Programming using Java**	EP	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105310	**Enterprise Programming using Java Laboratory**	EP-L	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105314	**Data Analytics and Data Visualization**	DADV	Atul Narayan Khambat	ANK	atul.khambat39242@paruluniversity.ac.in	39242
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Atul Narayan Khambat	ANK	atul.khambat39242@paruluniversity.ac.in	39242
303193304	**Professionalism & Corporate Ethics**	PCE	Dhruti Trivedi	DT	dhruti.trivedi30769@paruluniversity.ac.in	30769
303105302	**Azure Fundamentals**	AF	Dr. RAJESHWARI	DR	Rajeshwari.trivedi37007@paruluniversity.ac.in	37007

CLASSROOM NO: 307,C6, 309, 308, 303, 30

LAB/ TUTORIAL LOCATION: 309, 307, 304

FACULTY REPRESENTATIVE / Mr Chauhan Kalpesh kalpesh.chauhan39550@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms. SUNITA MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A16_CSE_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	5A16-1:DAA(DPK):310	DADV(SK)310	LIBRARY / SELF STUDY	5A16-1:DADV(SK):309	DADV(SK)309	DADV(SK)309
08:25 - 09:20		DAA(DPK)310	LIBRARY / SELF STUDY		DAA(DPK)309	DAA(DPK)309
09:20 - 09:30	**RECESS**					
09:30 - 10:25	TOC(AK)309	TOC(AK)308	LIBRARY / SELF STUDY	5A16-1:EP(GDN):308	5A16-1:SE(HBD):307	5A16-1:DAA(DPK):307
10:25 - 11:20	LIBRARY / SELF STUDY	SE(ASJ)308	LIBRARY / SELF STUDY			
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	SE(ASJ)130	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	PCE:(JM): 303	AWS(DR)304	AWS(DR)307
01:15 - 02:10	EP(GDN)130	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	TOC(AK)303	SE(ASJ)304	EP(GDN)307

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Ms DOLLY PRAVIN KUMAR KANKARIYA	DPK	Dolly.kankariya37421@paruluniversity.ac.in	37421
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Ms DOLLY PRAVIN KUMAR KANKARIYA	DPK	Dolly.kankariya37421@paruluniversity.ac.in	37421
303105253	**Software Engineering**	SE	Ms. Aditi Sanjay Jaiswal	ASJ	Aditi.jaiswal31545@paruluniversity.ac.in	31545
303105254	**Software Engineering Laboratory**	SE-L	Ms. HINABEN BHARATBHAI DUDHAREJIYA	HBD	hinaben.dudharejiya33929@paruluniversity.ac.in	33929
303105306	**Theory of Computation**	TOC	Anurag Kewat	AK	anurag.kewat34668@paruluniversity.ac.in	34668
303105309	**Enterprise Programming using Java**	EP	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105310	**Enterprise Programming using Java Laboratory**	EP-L	Ms. Gayatri Devraj Naidu	GDN	gayathri.naidu26623@paruluniversity.ac.in	26623
303105314	**Data Analytics and Data Visualization**	DADV	Mr. SATISH KUMAR	SK	satish.kumar37499@paruluniversity.ac.in	37499
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Mr. SATISH KUMAR	SK	satish.kumar37499@paruluniversity.ac.in	37499
303193304	**Professionalism & Corporate Ethics**	PCE	Jigeesha Mujumdar	JM	geesha.mujumdar26794@paruluniversity.ac.	26794
303105302	**Azure Fundamentals**	AF	Dr. RAJESHWARI	DR	Rajeshwari.trivedi37007@paruluniversity.ac.in	37007

CLASSROOM NO: 310, 309, 130, 308, 303, 3

LAB/ TUTORIAL LOCATION: 310, 308, 309,

FACULTY REPRESENTATIVE / Dr Anand Gadwal anand.gadwal36469@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms SUNITA MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A17_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	TOC(BG)311	LIBRARY / SELF STUDY	5A17-1:DADV(AJ):310	TOC(BG)310	5A17-1:EP(AP):310	TOC(BG)310
08:25 - 09:20	EP(AP)311	LIBRARY / SELF STUDY		EP(AP)310		DADV(AJ)310
09:20 - 09:30	RECESS					
09:30 - 10:25	DAA(FJD)308	LIBRARY / SELF STUDY	SE(KP)308	SE(KP)307	DAA(FJD)308	LIBRARY / SELF STUDY
10:25 - 11:20	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(NK)308	DAA(FJD)307	AWS(NK)308	LIBRARY / SELF STUDY
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	DADV(AJ)C6	LIBRARY / SELF STUDY	5A17-1:SE(KP):304	DADV(AJ)304	5A17-1:DAA(SHG):307	5A17-1:DAA(SHG):308
01:15 - 02:10	SE(KP)C6	LIBRARY / SELF STUDY		PCE:(CK): 304		

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Ms. Frenisha Jaimish Digaswala	FJD	frenisha.digaswala22620@paruluniversity.ac.in	22620
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Mrs. Shweta HirenbhaiI Gupta	SHG	shweta.gupta33402@paruluniversity.ac.in	33402
303105253	Software Engineering	SE	Ms Kamini Pachlasiya	KP	kaminee.pachlasiya36294@paruluniversity.ac.in	36294
303105254	Software Engineering Laboratory	SE-L	Ms Kamini Pachlasiya	KP	kaminee.pachlasiya36294@paruluniversity.ac.in	36294
303105306	Theory of Computation	TOC	Dr Bravish Gujar	BG	bravish.gujar36760@paruluniversity.ac.in	36760
303105309	Enterprise Programming using Java	EP	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105310	Enterprise Programming using Java Laboratory	EP-L	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105314	Data Analytics and Data Visualization	DADV	Aayushi Jain	AJ		40034
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Aayushi Jain	AJ		40034
303193304	Professionalism & Corporate Ethics	PCE	Chetna Kumari	CK	chetna.kumari29505@paruluniversity.ac.in	29505
303105302	Azure Fundamentals	AF	Nilakshi Kale	NK	nilakshi.kale35732@paruluniversity.ac.in	35732

CLASSROOM NO: 311, 308, C6, 304, 307, 3

LAB/ TUTORIAL LOCATION: 304, 310, 307,

FACULTY REPRESENTATIVE / Mr Dinesh Cholakar

dinesh.cholkar32937@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms. SUNITA MENARIAHead of Department Dr. Swapnil M ParikhPrincipal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A18_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	LIBRARY / SELF STUDY	TOC(BG)311	5A18-1:EP(AP):311	EP(AP)311	5A18-1:DADV(AJ):311	DADV(AJ)311
08:25 - 09:20	LIBRARY / SELF STUDY	EP(AP)311		TOC(BG)311		TOC(BG)311
09:20 - 09:30	RECESS					
09:30 - 10:25	LIBRARY / SELF STUDY	DADV(AJ)309	309	DAA(FJD)309	AWS(NK)C5	LIBRARY / SELF STUDY
10:25 - 11:20	LIBRARY / SELF STUDY	DAA(FJD)309	SE(DAS)309	DADV(AJ)309	DAA(FJD)C5	LIBRARY / SELF STUDY
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	LIBRARY / SELF STUDY	5A18-1:DAA(SHG):307	5A18-1:SE(DAS):307	5A18-1:DAA(SHG):307	PCE:(FM): 308	AWS(NK)309
01:15 - 02:10	LIBRARY / SELF STUDY				SE(DAS)308	SE(DAS)309

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Ms. Frenisha Jaimish Digaswala	FJD	frenisha.digaswala22620@paruluniversity.ac.in	22620
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Mrs. Shweta HirenbhaiI Gupta	SHG	shweta.gupta33402@paruluniversity.ac.in	33402
303105253	Software Engineering	SE	Dr. Amitava Sen	DAS	amitava.sen38868@paruluniversity.ac.in	38868
303105254	Software Engineering Laboratory	SE-L	Dr. Amitava Sen	DAS	amitava.sen38868@paruluniversity.ac.in	38868
303105306	Theory of Computation	TOC	Dr Bravish Gujar	BG	bravish.gujar36760@paruluniversity.ac.in	36760
303105309	Enterprise Programming using Java	EP	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105310	Enterprise Programming using Java Laboratory	EP-L	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105314	Data Analytics and Data Visualization	DADV	Aayushi Jain	AJ		40034
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Aayushi Jain	AJ		40034
303193304	Professionalism & Corporate Ethics	PCE	Fedrick Mecwan	FM	fedrick.mecwan20035@paruluniversity.ac.in	20035
303105302	Azure Fundamentals	AF	Nilakshi Kale	NK	nilakshi.kale35732@paruluniversity.ac.in	35732

CLASSROOM NO: 311, 309, 308, C5

LAB/ TUTORIAL LOCATION: 307, 311

FACULTY REPRESENTATIVE / Ms Ritika Patel

ritika.patel38820@paruluniversity.ac.in

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Ms. SUNITA MENARIA **Head of Department**

Dr. Swapnil M Parikh Principal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A19_CSE_2025-26**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	EP(SVM)312	TOC(AK)312	5A19-1:EP(SVM):312	AWS(AG)312	TOC(AK)312	LIBRARY / SELF STUDY
08:25 - 09:20	DADV(AKS)312	SE(KP)312		AWS(AG)312	EP(SVM)312	LIBRARY / SELF STUDY
09:20 - 09:30	**RECESS**					
09:30 - 10:25	5A19-1:SE(KP):310	10LIBRARY / SELF STUDY	DADV(AKS)310	5A19-1:DAA(BKS):C6	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
10:25 - 11:20		DADV(AKS)310	DAA(BKS)310		LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	TOC(AK)308	5A19-1:DADV(AKS):308	5A19-1:DAA(BKS):308	DAA(BKS)308	SE(KP)309	LIBRARY / SELF STUDY
01:15 - 02:10	DAA(BKS)308			SE(KP)308	PCE:(FM): 309	LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Mrs. Bhumi Kaushal Shah	BKS	bhumi.shah19174@paruluniversity.ac.in	19174
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Mrs. Bhumi Kaushal Shah	BKS	bhumi.shah19174@paruluniversity.ac.in	19174
303105253	**Software Engineering**	SE	Ms Kamini Pachlasiya	KP	kaminee.pachlasiya36294@paruluniversity.ac.in	36294
303105254	**Software Engineering Laboratory**	SE-L	Ms Kamini Pachlasiya	KP	kaminee.pachlasiya36294@paruluniversity.ac.in	36294
303105306	**Theory of Computation**	TOC	Anurag Kewat	AK	anurag.kewat34668@paruluniversity.ac.in	34668
303105309	**Enterprise Programming using Java**	EP	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105310	**Enterprise Programming using Java Laboratory**	EP-L	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105314	**Data Analytics and Data Visualization**	DADV	Dr Aditya Kumar Singh	AKS	aditya.singh34812@paruluniversity.ac.in	34812
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Dr Aditya Kumar Singh	AKS	aditya.singh34812@paruluniversity.ac.in	34812
303193304	**Professionalism & Corporate Ethics**	PCE	Fedrick Mecwan	FM	fedrick.mecwan20035@paruluniversity.ac.in	20035
303105302	**Azure Fundamentals**	AF	Mr. Amit Gupta	AG	amit.gupta38394@paruluniversity.ac.in	38394

CLASSROOM NO: 308, 312, 310, 309

LAB/ TUTORIAL LOCATION: 310, 312, 308,

FACULTY REPRESENTATIVE / Ms Rimpa Kundu

rimpa.kundu40171@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Mrs. SUNITA MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A20_CSE_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	DADV(SKU)313	DADV(SKU)313	5A20-1:DAA(YG):313	5A20-1:EP(IT):313	LIBRARY / SELF STUDY	EP(SVM)312
08:25 - 09:20	DAA(YG)313	EP(SVM)313			LIBRARY / SELF STUDY	DADV(SKU)312
09:20 - 09:30	**RECESS**					
09:30 - 10:25	5A20-1:DADV(SKU):311	SE(KP)311	DAA(YG)C3	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	SE(KP)308
10:25 - 11:20		DAA(YG)311	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(NK)308
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	SE(KP)309	PCE:(BJ): 309	AWS(NK)309	5A20-1:DAA(YG):309	LIBRARY / SELF STUDY	5A20-1:SE(KP):310
01:15 - 02:10	TOC(MNP)309	TOC(MNP)309	TOC(MNP)309		LIBRARY / SELF STUDY	

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Yesha Gandhi	YG	yesha.gandhi38816@paruluniversity.ac.in	38816
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Yesha Gandhi	YG	yesha.gandhi38816@paruluniversity.ac.in	38816
303105253	**Software Engineering**	SE	Ms Kamini Pachlasiya	KP	kaminee.pachlasiya36294@paruluniversity.ac.in	36294
303105254	**Software Engineering Laboratory**	SE-L	Ms Kamini Pachlasiya	KP	kaminee.pachlasiya36294@paruluniversity.ac.in	36294
303105306	**Theory of Computation**	TOC	Dr. Mehta Nirav Pareshkumar	MNP	nirav.mehta40015@paruluniversity.ac.in	40015
303105309	**Enterprise Programming using Java**	EP	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105310	**Enterprise Programming using Java Laboratory**	EP-L	ISHAN THAKKAR	IT	ishan.thakkar38369@paruluniversity.ac.in	38369
303105314	**Data Analytics and Data Visualization**	DADV	Shivam Kumar Upadhyay	SKU	SHIVAM.UPADHYAY35285@PARULUNIVERSITY.AC.IN	35285
303105315	**Data Analytics and Data Visualization Laboratory**	DADV-L	Shivam Kumar Upadhyay	SKU	SHIVAM.UPADHYAY35285@PARULUNIVERSITY.AC.IN	35285
303193304	**Professionalism & Corporate Ethics**	PCE	Bhumi Joshi	BJ	bhumi.joshi23650@paruluniversity.ac.in	23650
303105302	**Azure Fundamentals**	AF	Nilakshi Kale	NK	nilakshi.kale35732@paruluniversity.ac.in	35732

CLASSROOM NO: 309, 313, 311, C3, 312, 3

LAB/ TUTORIAL LOCATION: 311, 313, 309,

FACULTY REPRESENTATIVE / Ms Bharti Dubey

bharti.dubey34662@paruluniversity.ac.in

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Ms SUNITA MENARIA Head of Department Dr. Swapnil M Parikh Principal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A21_CSE_2025-26**

Parul® University

NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	5A21-1:DAA(RP):324	5A21-1:DAA(RP):324	TOC(PKD)324	LIBRARY / SELF STUDY	5A21-1:SE(RPJ):313	TOC(PKD)313
08:25 - 09:20			SE(RPJ)324	LIBRARY / SELF STUDY		LIBRARY / SELF STUDY
09:20 - 09:30	RECESS					
09:30 - 10:25	DAA(BKS)312	5A21-1:EP(AP):C6	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	DAA(BKS)309	DADV(ANK)309
10:25 - 11:20	SE(RPJ)312		LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	SE(RPJ)309	TOC(PKD)309
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	DADV(ANK)310	5A21-1:DADV(AJ):310	PCE:(JM): 310	LIBRARY / SELF STUDY	DADV(ANK)310	DAA(BKS)311
01:15 - 02:10	EP(AP)310		AWS(NK)310	LIBRARY / SELF STUDY	AWS(NK)310	EP(AP)311

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Mrs. Bhumi Kaushal Shah	BKS	bhumi.shah19174@paruluniversity.ac.in	19174
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Ritika Patel	RP	ritika.patel38820@paruluniversity.ac.in	38820
303105253	Software Engineering	SE	Rucha Prakash Joshi	RPJ	rucha.joshi39673@paruluniversity.ac.in	39673
303105254	Software Engineering Laboratory	SE-L	Rucha Prakash Joshi	RPJ	rucha.joshi39673@paruluniversity.ac.in	39673
303105306	Theory of Computation	TOC	Mr Pravesh Kumar Dwivedi	PKD	pravesh.dwivedi38395@paruluniversity.ac.in	38395
303105309	Enterprise Programming using Java	EP	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105310	Enterprise Programming using Java Laboratory	EP-L	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105314	Data Analytics and Data Visualization	DADV	Atul Narayan Khambat	ANK	atul.khambat39242@paruluniversity.ac.in	39242
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Aayushi Jain	AJ		40034
303193304	Professionalism & Corporate Ethics	PCE	Jigeesha Mujumdar	JM	geesha.mujumdar26794@paruluniversity.ac.	26794
303105302	Azure Fundamentals	AF	Nilakshi Kale	NK	nilakshi.kale35732@paruluniversity.ac.in	35732

CLASSROOM NO: 312, 310, 324, 309, 311, 3

LAB/ TUTORIAL LOCATION: 324, C6, 310, 3

FACULTY REPRESENTATIVE / Mr Satish Kumar satish.kumar37499@paruluniversity.ac.in

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Ms. SUNITA MENARIA Head of Department

Dr. Swapnil M Parikh Principal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5A22_CSE_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	TOC(PKD)325	EP(SVM)325	LIBRARY / SELF STUDY	5A22-1:DAA(DK):324	5A22-1:EP(SVM):324	DAA(DK)324
08:25 - 09:20	EP(SVM)325	TOC(PKD)325	LIBRARY / SELF STUDY			TOC(PKD)324
09:20 - 09:30	RECESS					
09:30 - 10:25	5A22-1:DADV(AJ):C6	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	SE(RPJ)310	AWS(AG)310	5A22-1:DAA(AMG):310
10:25 - 11:20		LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(AG)310	PCE: (IS): 310	
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	DAA(DK)311	5A22-1:SE(KP):311	LIBRARY / SELF STUDY	DAA(DK)310	LIBRARY / SELF STUDY	DADV(AJ)312
01:15 - 02:10	DADV(AJ)311		LIBRARY / SELF STUDY	SE(RPJ)310	DADV(AJ)311	SE(RPJ)312

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Ms DOLLY PRAVIN KUMAR KANKARIYA	DPK	Dolly.kankariya37421@paruluniversity.ac.in	37421
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Ms DOLLY PRAVIN KUMAR KANKARIYA	DPK	Dolly.kankariya37421@paruluniversity.ac.in	37421
303105253	Software Engineering	SE	Rucha Prakash Joshi	RPJ	rucha.joshi39673@paruluniversity.ac.in	39673
303105254	Software Engineering Laboratory	SE-L	Ms Kamini Pachlasiya	KP	kaminee.pachlasiya36294@paruluniversity.ac.in	36294
303105306	Theory of Computation	TOC	Mr Pravesh Kumar Dwivedi	PKD	pravesh.dwivedi38395@paruluniversity.ac.in	38395
303105309	Enterprise Programming using Java	EP	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105310	Enterprise Programming using Java Laboratory	EP-L	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105314	Data Analytics and Data Visualization	DADV	Aayushi Jain	AJ		40034
303105315	Data Analytics and Data Visualization Laboratory	DADV-L	Aayushi Jain	AJ		40034
303193304	Professionalism & Corporate Ethics	PCE	Irfatnaz Shaikh	IS	irfatnaz.shaikh34375@paruluniversity.ac.in	34375
303105302	Azure Fundamentals	AF	Mr. Amit Gupta	AG	amit.gupta38394@paruluniversity.ac.in	38394

CLASSROOM NO: 325, 311, 310, 324, 312

LAB/ TUTORIAL LOCATION: C6, 311, 324, 3

FACULTY REPRESENTATIVE / MFT — Mr Shivam Kumar Upadhyay (shivam.upadhyay35285@paruluniversity.ac.in)

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms. SUMITRA MENARIAHead of Department — **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5B1_AI_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	QR(KS)326	LIBRARY / SELF STUDY	EP(T2)325	DAA(T3)325	TOC(FSS)325	DAA(T3)325
08:25 - 09:20	TOC(FSS)326	LIBRARY / SELF STUDY	DAA(T3)325	QR(KS)325	QR(KS)325	EP(T2)325
09:20 - 09:30	RECESS					
09:30 - 10:25	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AWS(KKG)311	AWS(KKG)311	5B1-1:EP(T2):311	AI(KNT)311
10:25 - 11:20	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	AI(KNT)311		TOC(FSS)311
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	5B1-1:DAA(T3):312	LIBRARY / SELF STUDY	AI(KNT)311	5B1-1:DAA(T1):311	5B1-1:AI(KNT):312	LIBRARY / SELF STUDY
01:15 - 02:10		LIBRARY / SELF STUDY	PCE:(DT): 311			LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T3	T3		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T3	T3		
303105307	Artificial Intelligence	AI	Ms. KhushbooNirajkumarTrivedi	KNT	khushboo.trivedi21305@paruluniversity.ac.in	21305
303105308	Artificial Intelligence Laboratory	AI-L	Ms. KhushbooNirajkumarTrivedi	KNT	khushboo.trivedi21305@paruluniversity.ac.in	21305
303105306	Theory of Computation	TOC	Mr. Fesal Sardarahmed Shaikh	FSS	fesal.shaikh35562@paruluniversity.ac.in	35562
303105309	Enterprise Programming using Java	EP	T2	T2		
303105310	Enterprise Programming using Java Laboratory	EP-L	T2	T2		
303105311	Quant and Reasoning	OR	MS. KHYATI SINGH	KS	khyati.singh36262@paruluniversity.ac.in	36262
303193304	Professionalism & Corporate Ethics	PCE	Dhruti Trivedi	DT	dhruti.trivedi30769@paruluniversity.ac.in	30769
303105302	Azure Fundamentals	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 326, 311, 325		**FACULTY**	Ms Ayushi Desai
LAB/ TUTORIAL LOCATION: 312, 311		**REPRESENTATIVE /**	ayushi.desai26097@paruluniversity.ac.in
etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms SUMITRA MENARIAHead of Department		**Dr. Swapnil M ParikhPrincipal**	

PARUL UNIVERSITY	
FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY	
INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY	
ACADEMIC YEAR: 2025-26	YEAR: 3RD YEAR
SEMESTER: 5TH	LEVEL: UG
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	DIVISION: 5B2_AI_2025-26

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	LIBRARY / SELF STUDY	QR(KS)326	QR(KS)326	EP(T2)326	QR(KS)326	EP(T2)326
08:25 - 09:20	LIBRARY / SELF STUDY	DAA(T3)326	TOC(FSS)326	DAA(T3)326	TOC(FSS)326	DAA(T3)326
09:20 - 09:30	RECESS					
09:30 - 10:25	LIBRARY / SELF STUDY	AI(KNT)312	5B2-1:DAA(T3):312	5B2-1:EP(T2):312	5B2-1:AI(KNT):312	AWS(DR)312
10:25 - 11:20	LIBRARY / SELF STUDY	12LIBRARY / SELF STUDY				AI(KNT)312
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	LIBRARY / SELF STUDY	5B2-1:DAA(T3):312	AWS(DR)312	PCE:(DT): 312	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
01:15 - 02:10	LIBRARY / SELF STUDY		TOC(FSS)312	AI(KNT)312	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T3	T3		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T3	T3		
303105307	Artificial Intelligence	AI	Ms. KhushbooNirajkumarTrivedi	KNT	khushboo.trivedi21305@paruluniversity.ac.in	21305
303105308	Artificial Intelligence Laboratory	AI-L	Ms. KhushbooNirajkumarTrivedi	KNT	khushboo.trivedi21305@paruluniversity.ac.in	21305
303105306	Theory of Computation	TOC	Mr. Fesal Sardarahmed Shaikh	FSS	fesal.shaikh35562@paruluniversity.ac.in	35562
303105309	Enterprise Programming using Java	EP	T2	T2		
303105310	Enterprise Programming using Java Laboratory	EP-L	T2	T2		
303105311	Quant and Reasoning	OR	MS. KHYATI SINGH	KS	khyati.singh36262@paruluniversity.ac.in	36262
303193304	Professionalism & Corporate Ethics	PCE	Dhruti Trivedi	DT	dhruti.trivedi30769@paruluniversity.ac.in	30769
303105302	Azure Fundamentals	AF	Dr. RAJESHWARI	DR	Rajeshwari.trivedi37007@paruluniversity.ac.in	37007

CLASSROOM NO: 326, 312					FACULTY REPRESENTATIVE /	Mr C S sunil Kumar
LAB/ TUTORIAL LOCATION: 312						sunil.kumar40141@paruluniversity.ac.in
etkumar Manojkumar Patel	Ms Aditi Jaiswal	Mr. Shivkumar Lilhare	Dr. Ms SUMITRA MENARIA	Head of Department	Dr. Swapnil M Parikh	Principal

PARUL UNIVERSITY						
FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY						
INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY						
ACADEMIC YEAR: 2025-26			YEAR: 3RD YEAR			
SEMESTER: 5TH			LEVEL: UG			
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING			DIVISION: 5B3_AI_2025-26			

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
07:30 - 8:25	EP(T2)327	TOC(FSS)327	QR(KS)327	TOC(FSS)327	EP(T2)327	LIBRARY / SELF STUDY
08:25 - 09:20	QR(KS)327	DAA(T2)327	DAA(T2)327	TOC(FSS)327	DAA(T2)327	LIBRARY / SELF STUDY
09:20 - 09:30	RECESS					
09:30 - 10:25	5B3-1:DAA:(T3):313	QR(KS)313	5B3-1:AI(KNT):313	AI(KNT)313	5B3-1:DAA:(T3):313	LIBRARY / SELF STUDY
10:25 - 11:20		AWS(KKG)313		AWS(KKG)313		LIBRARY / SELF STUDY
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	AI(KNT)313	5B3-1:EP(T2):313	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY
01:15 - 02:10	PCE:(DT): 313		AI(KNT)313	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	T2	T2		
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	T3	T3		
303105307	Artificial Intelligence	AI	Ms. KhushbooNirajkumarTrivedi	KNT	khushboo.trivedi21305@paruluniversity.ac.in	21305
303105308	Artificial Intelligence Laboratory	AI-L	Ms. KhushbooNirajkumarTrivedi	KNT	khushboo.trivedi21305@paruluniversity.ac.in	21305
303105306	Theory of Computation	TOC	Mr. Fesal Sardarahmed Shaikh	FSS	fesal.shaikh35562@paruluniversity.ac.in	35562
303105309	Enterprise Programming using Java	EP	T2	T2		
303105310	Enterprise Programming using Java Laboratory	EP-L	T2	T2		
303105311	Quant and Reasoning	OR	MS. KHYATI SINGH	KS	khyati.singh36262@paruluniversity.ac.in	36262
303193304	Professionalism & Corporate Ethics	PCE	Dhruti Trivedi	DT	dhruti.trivedi30769@paruluniversity.ac.in	30769
303105302	Azure Fundamentals	AF	Ms Kinjal Kevin gandhi	KKG	kinjal.gandhi37893@paruluniversity.ac.in	37893

CLASSROOM NO: 327, 313					FACULTY REPRESENTATIVE /	Mr Prashant Kothari prashant.kothari36174@paruluniversity.ac.in
LAB/ TUTORIAL LOCATION: 313						
etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Ms. SUMITRA MENARIAHead of Department					Dr. Swapnil M ParikhPrincipal	

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5B4_AI_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09:30 - 10:25	TOC(MNP)324	5B4-1:AI(GKA):324	AI(GKA)324	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	TOC(MNP)313
10:25 - 11:20	EP(SVM)324		TOC(MNP)324	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	EP(SVM)313
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	PCE:(DT): 324	AI(GKA)324	LIBRARY / SELF STUDY	AI(GKA)326	LIBRARY / SELF STUDY	5B4-1:EP(SVM):313
01:15 - 02:10	QR(HS)324	QR(HS)324	LIBRARY / SELF STUDY	QR(HS)326	LIBRARY / SELF STUDY	
02:10 - 02:30						
02:30 - 03:25	DAA(MAI)328	AWS(AG)328	DAA(MAI)328	5B4-1:DAA(MAI):328	LIBRARY / SELF STUDY	5B4-1:DAA(MAI):327
03:25 - 04:20	AWS(AG)328	DAA(MAI)328	28LIBRARY / SELF STUDY		LIBRARY / SELF STUDY	

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Mr. MOHAMMAD ASIF	MAI	asif.mohammad37814@paruluniversity.ac.in	37814
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Mr. MOHAMMAD ASIF	MAI	asif.mohammad37814@paruluniversity.ac.in	37814
303105307	Artificial Intelligence	AI	Dr. Gaurav Kumar Ameta	GKA	gaurav.ameta24442@paruluniversity.ac.in	24442
303105308	Artificial Intelligence Laboratory	AI-L	Dr. Gaurav Kumar Ameta	GKA	gaurav.ameta24442@paruluniversity.ac.in	24442
303105306	Theory of Computation	TOC	Dr. Mehta Nirav Pareshkumar	MNP	nirav.mehta40015@paruluniversity.ac.in	40015
303105309	Enterprise Programming using Java	EP	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105310	Enterprise Programming using Java Laboratory	EP-L	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105311	Quant and Reasoning	OR	MS.HETAL SHAH	HS	hetal.shah21448@paruluniversity.ac.in	21448
303193304	Professionalism & Corporate Ethics	PCE	Dhruti Trivedi	DT	dhruti.trivedi30769@paruluniversity.ac.in	30769
303105302	Azure Fundamentals	AF	Mr. Amit Gupta	AG	amit.gupta38394@paruluniversity.ac.in	38394

CLASSROOM NO: 328, 324, 326,313

LAB/ TUTORIAL LOCATION: 324, 328, 313,

FACULTY REPRESENTATIVE / Ms Kusum Lata (kusumlata.dhiman21133@paruluniversity.ac.in)

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Mrs. SUNITA MENARIA **Head of Department** **Dr. Swapnil M Parikh Principal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5B5_AI_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09:30 - 10:25	TOC(PKD)325	TOC(PKD)325	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	QR(HS)324	AI(GKA)324
10:25 - 11:20	AI(GKA)325	EP(SVM)325	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	EP(SVM)324	DAA(MAI)324
11:20 - 12:20	**LUNCH BREAK**					
12:20 - 01:15	QR(HS)325	LIBRARY / SELF STUDY	QR(HS)326	LIBRARY / SELF STUDY	5B5-1:EP(SVM):313	DAA(MAI)324
01:15 - 02:10	DAA(MAI)325	LIBRARY / SELF STUDY	PCE:(JM): 326	LIBRARY / SELF STUDY		TOC(PKD)324
02:10 - 02:30						
02:30 - 03:25	5B5-1:DAA(BS):329	5B5-1:AI(GKA):329	AI(GKA)329	LIBRARY / SELF STUDY	5B5-1:DAA(MAI)328	LIBRARY / SELF STUDY
03:25 - 04:20			AWS(MG)329	LIBRARY / SELF STUDY		AWS(MG)328

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	**Design and Analysis of Algorithm**	DAA	Mr. MOHAMMAD ASIF	MAI	asif.mohammad37814@paruluniversity.ac.in	37814
303105219	**Design and Analysis of Algorithm Laboratory**	DAA-L	Mr. MOHAMMAD ASIF	MAI	asif.mohammad37814@paruluniversity.ac.in	37814
303105307	**Artificial Intelligence**	AI	Dr. Gaurav Kumar Ameta	GKA	gaurav.ameta24442@paruluniversity.ac.in	24442
303105308	**Artificial Intelligence Laboratory**	AI-L	Dr. Gaurav Kumar Ameta	GKA	gaurav.ameta24442@paruluniversity.ac.in	24442
303105306	**Theory of Computation**	TOC	Mr Pravesh Kumar Dwivedi	PKD	pravesh.dwivedi38395@paruluniversity.ac.in	38395
303105309	**Enterprise Programming using Java**	EP	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105310	**Enterprise Programming using Java Laboratory**	EP-L	S V SUBRAMANYAM	SVM	subramanyam.venkata35240@paruluniversity.ac.in	35240
303105311	**Quant and Reasoning**	OR	MS.HETAL SHAH	HS	hetal.shah21448@paruluniversity.ac.in	21448
303193304	**Professionalism & Corporate Ethics**	PCE	Jigeesha Mujumdar	JM	geesha.mujumdar26794@paruluniversity.ac.i	26794
303105302	**Azure Fundamentals**	AF	Mr. Amit Gupta	AG	amit.gupta38394@paruluniversity.ac.in	38394

CLASSROOM NO: 325, 326, 329, 324, 328

LAB/ TUTORIAL LOCATION: 329, 313, 328

FACULTY REPRESENTATIVE / Ms Yesha Gandhi

yesha.gandhi38816@paruluniversity.ac.in

etkumar Manojkumar Patel **Ms Aditi Jaiswal** **Mr. Shivkumar Lilhare** **Dr. Mahesh GUPTA** **MENARIA** **Head of Department** **Dr. Swapnil M Parikh** **Principal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5B6_AI_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09:30 - 10:25	QR(HS)326	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	QR(HS)324	TOC(PKD)325	5B6-1:EP(AP):325
10:25 - 11:20	DAA(MAI)326	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	TOC(PKD)324	QR(HS)325	
11:20 - 12:20	LUNCH BREAK					
12:20 - 01:15	LIBRARY / SELF STUDY	DAA(MAI)326	LIBRARY / SELF STUDY	DAA(MAI)313	PCE:(BJ): 324	AI(GS)325
01:15 - 02:10	LIBRARY / SELF STUDY	TOC(PKD)326	LIBRARY / SELF STUDY	EP(AP)313	EP(AP)324	AI(GS)325
02:10 - 02:30						
02:30 - 03:25	AI(GS)201	5B6-1:AI(KNT):201	LIBRARY / SELF STUDY	5B6-1:DAA(BS):329	AWS(AG)329	5B6-1:DAA(BS):329
03:25 - 04:20	IBRARY / SELF STUDY201		LIBRARY / SELF STUDY		AWS(AG)329	

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Mr. MOHAMMAD ASIF	MAI	asif.mohammad37814@paruluniversity.ac.in	37814
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Bela Shah	BS		35326
303105307	Artificial Intelligence	AI	Gautam Singh	GS	gautam.singh35783@paruluniversity.ac.in	35783
303105308	Artificial Intelligence Laboratory	AI-L	Ms. KhushbooNirajkumarTrivedi	KNT	khushboo.trivedi21305@paruluniversity.ac.in	21305
303105306	Theory of Computation	TOC	Mr Pravesh Kumar Dwivedi	PKD	pravesh.dwivedi38395@paruluniversity.ac.in	38395
303105309	Enterprise Programming using Java	EP	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105310	Enterprise Programming using Java Laboratory	EP-L	Arnika Patel	AP	arnika.patel35058@paruluniversity.ac.in	35058
303105311	Quant and Reasoning	OR	MS.HETAL SHAH	HS	hetal.shah21448@paruluniversity.ac.in	21448
303193304	Professionalism & Corporate Ethics	PCE	Bhumi Joshi	BJ	bhumi.joshi23650@paruluniversity.ac.in	23650
303105302	Azure Fundamentals	AF	Mr. Amit Gupta	AG	amit.gupta38394@paruluniversity.ac.in	38394

CLASSROOM NO: 201, 326, 313, 324, 329,

LAB/ TUTORIAL LOCATION: 201, 329, 325

FACULTY REPRESENTATIVE / Mr Anurag Kewat anurag.kewat34668@paruluniversity.ac.in

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Mrs. SUNITA MENARIA **Head of Department**

Dr. Swapnil M Parikh Principal

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5C1_CS_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09:30 - 10:25	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	5C1:DAA:DA:325	5C1:DAA:DA:325	5C1:MAS:RB:326	LIBRARY / SELF STUDY
10:25 - 11:20	LIBRARY / SELF STUDY	LIBRARY / SELF STUDY	5C1:MFW:TDPIT2:325	5C1:WAS:MP:325	5C1:AF:TDPIT4:326	LIBRARY / SELF STUDY
11:20 - 12:20	RECESS					
12:20 - 01:15	5C1:WAS:MP:326	LIBRARY / SELF STUDY	S:B1:RB:3245C1:MAS:B2	5C1:MFW:TDPIT2:324	5C1:DAA:DA:325	5C1:MAS:RB:326
01:15 - 02:10	5C1:MAS:RB:326	LIBRARY / SELF STUDY		5C1:AF:TDPIT4:324	5C1:WAS:MP:325	5C1:MFW:TDPIT2:326
02:10 - 02:30	LUNCH BREAK					
02:30 - 03:25	5C1:DAA:DA:324	LIBRARY / SELF STUDY	PCE:(IS): 324	:B1:MP:3245C1:WAS:B2:	TDPIT2:3135C1:MFW:B2	5C1:DAA:DA:313
03:25 - 04:20		LIBRARY / SELF STUDY	324			

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	Dipak Agrawal	DA	dipak.agrawal@techdefence.com	29793
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	Dipak Agrawal	DA	dipak.agrawal@techdefence.com	29793
303105320	Web Application Security	WAS	Meghraj Patil	MP	meghraj.p@techdefence.com	38991
303105321	Web Application Security Laboratory	WAS-L	Meghraj Patil	MP	meghraj.p@techdefence.com	38991
303105322	Mobile Application security	MAS	Rakshith Bairi	RB	rakshith.bairi@techdefence.com	27692
303105323	Mobile Application security Laboratory	MAS-L	Rakshith Bairi	RB	rakshith.bairi@techdefence.com	27692
303105324	Metasploit Frame work	MFW	TDPIT2			40096
303105325	Metasploit Frame work Laboratory	MFW-L	TDPIT2			40096
303193304	Professionalism & Corporate Ethics	PCE	Irfatnaz Shaikh	IS	irfatnaz.shaikh34375@paruluniversity.ac.in	34375
303105302	Azure Fundamentals	AF	TDPIT4			40098

CLASSROOM NO:		**FACULTY REPRESENTATIVE /**	Mr Akash Patil
LAB/ TUTORIAL LOCATION:			akash.patil24157@paruluniversity.ac.in

etkumar Manojkumar PatelMs Aditi JaiswalMr. Shivkumar LilhareDr. Prashant BA MENARIAHead of Department **Dr. Swapnil M ParikhPrincipal**

PARUL UNIVERSITY

FACULTY NAME: FACULTY OF ENGINEERING & TECHNOLOGY

INSTITUTE NAME: PARUL INSTITUTE OF TECHNOLOGY

ACADEMIC YEAR: 2025-26	**YEAR: 3RD YEAR**
SEMESTER: 5TH	**LEVEL: UG**
PROGRAM NAME: B.TECH COMPUTER SCIENCE ENGINEERING	**DIVISION: 5C2_CS_2025-26**

Parul® University — NAAC GRADE A++

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09:30 - 10:25	LIBRARY / SELF STUDY	5C2:WAS:MP:326	:B1:MP:3265C2:WAS:B2:	5C2:AF:TDPIT4:326	LIBRARY / SELF STUDY	TDPIT3:3265C2:DAA:B2:
10:25 - 11:20	LIBRARY / SELF STUDY	5C2:MAS:RB:326		5C2:MFW:TDPIT2:326	LIBRARY / SELF STUDY	
11:20 - 12:20	RECESS					
12:20 - 01:15	LIBRARY / SELF STUDY	5C2:DAA:TDPIT3:325	5C2:DAA:TDPIT3:325	5C2:DAA:TDPIT3:325	TDPIT3:3265C2:DAA:B2:	LIBRARY / SELF STUDY
01:15 - 02:10	LIBRARY / SELF STUDY	PCE:(DT): 325	5C2:WAS:MP:325	5C2:WAS:MP:325		LIBRARY / SELF STUDY
02:10 - 02:30	LUNCH BREAK					
02:30 - 03:25	LIBRARY / SELF STUDY	TDPIT2:3245C2:MFW:B2	5C2:MAS:RB:325	S:B1:RB:3255C2:MAS:B2:	5C2:MAS:RB:324	5C2:AF:TDPIT4:324
03:25 - 04:20	LIBRARY / SELF STUDY		5C2:MFW:TDPIT2:325		324	5C2:MFW:TDPIT2:324

SUBJECT_CODE	SUBJECT_NAME	SHORT_NAME	FACULTY FULL_NAME	FACULTY SHORT NAME	EMAIL ID	MIS ID
303105218	Design and Analysis of Algorithm	DAA	TDPIT3			
303105219	Design and Analysis of Algorithm Laboratory	DAA-L	TDPIT3			
303105320	Web Application Security	WAS	Meghraj Patil	MP	meghraj.p@techdefence.com	38991
303105321	Web Application Security Laboratory	WAS-L	Meghraj Patil	MP	meghraj.p@techdefence.com	38991
303105322	Mobile Application security	MAS	Rakshith Bairi	RB	rakshith.bairi@techdefence.com	27692
303105323	Mobile Application security Laboratory	MAS-L	Rakshith Bairi	RB	rakshith.bairi@techdefence.com	27692
303105324	Metasploit Frame work	MFW	TDPIT2			40096
303105325	Metasploit Frame work Laboratory	MFW-L	TDPIT2			40096
303193304	Professionalism & Corporate Ethics	PCE	Dhruti Trivedi	DT	dhruti.trivedi30769@paruluniversity.ac.in	30769
303105302	Azure Fundamentals	AF	TDPIT4			40098

CLASSROOM NO:	**FACULTY REPRESENTATIVE /** Ms Dolly Kankariya
LAB/ TUTORIAL LOCATION:	dolly.kankariya37421@paruluniversity.ac.in

etkumar Manojkumar Patel Ms Aditi Jaiswal Mr. Shivkumar Lilhare Dr. Ms. SUMITRA MENARIA **Head of Department** **Dr. Swapnil M Parikh Principal**

PARUL UNIVERSITY

Office of the Registrar
November 21, 2024

R/Circular-945/2024-25

CIRCULAR

Sub: List of Holidays for the Calendar Year-2025
Ref: Orders of the President
The following is the list of General Holidays for the year 2025.

Sr.No.	Name of Public Holiday	Date	Day
1	Makar Sakranti - Uttarayan	14.01.2025	Tuesday
2	Vaasi Uttrayan	15.01.2025	Wednesday
3	Maha Shivratri (Maha Vad-14)*	26.02.2025	Wednesday
***The holiday denoted for Wednesday, 26th February 2025, has been rescheduled to Monday, 13th January 2025, to allow staff to benefit from linked holiday(s). On Wednesday, 26th February 2025, the university will operate as per its routine timings**			
4	Holi 2nd Day - Dhuleti	14.03.2025	Friday
5	Ramjan Eid (Eid-Ul-Fitra)	31.03.2025	Monday
6	Dr. Babasaheb Ambedkar Birthday	14.04.2025	Monday
7	Good Friday	18.04.2025	Friday
8	Raksha Bandhan	09.08.2025	Saturday
9	Independence Day/ Parsi New Year	15.08.2025	Friday
10	Janmashtami (Shravan Vad-8)	16.08.2025	Saturday
11	Samvatsari (Chaturthi Paksha)	27.08.2025	Wednesday
12	Mahatma Gandhi's Birthday / Dussehra (Vijayadashami)	02.10.2025	Thursday
13	Diwali	20.10.2025	Monday
14	Vikram Samvat New Year's Day	22.10.2025	Wednesday
15	Bhai Dooj	23.10.2025	Thursday
16	Sardar Vallabhbhai Patel's Birthday	31.10.2025	Friday
17	Christmas	25.12.2025	Thursday
Not Declared as Holiday due to Sunday			
1	Republic Day	26.01.2025	Sunday
2	Shree Ram Navami	06.04.2025	Sunday

Note:

- Above holidays declared as Public Holidays may be cancelled/ adjusted by the University in case of unavoidable circumstances.
- Above holidays will not be applicable for staffs working in Medical/AYUSH hospitals in the university. The list of holidays for the year 2025 for the said staff will be notified separately by the appropriate authority.

Registrar

To,

1) Deans of Faculties
2) Principals/ Directors of Colleges/ Institutes
3) Dean, Doctoral Studies and Research
4) Campus Director
5) Managing Director (Global), Industrial Collaborations; Academic Strategies
6) Academic Directors
7) Dean, Students' Welfare
8) Controller of Examinations
9) Chief Librarian
10) PUMIS Coordinator
11) Director, IQAC/CDC / PIERC / CIRR / OIA/ AFMC / RDC/ Marketing / CDOE/ EDP / CEC / Alumni Association / Events Cell / CHRD/ Security/ Physical Education and Sports/ Internship Cell/ Staff and Students Welfare Cell/ ICT Cell/ Learning and Academic Enrichment/ Faculty Updation (CSE/IT/CA)/ NEP/ CMIE/ Partnerships (Institutes of National Importance)/ SCOPE
12) Hostel Superintendent
13) Chief Finance and Accounts Officer
14) Central Administration
15) Accounts Section
16) Students' Section
17) HR Manager
18) Chief Technology Officer
19) Head, Purchase/ Transport

Submitted to,

1) The President
2) Dr.Parul Patel, Vice President (Student Affairs and General Administration) and Chairperson, Admissions Committee, Parul University
3) Dr.Geetika Madan Patel, Vice President (Quality, Research and Health Sciences), Parul University
4) Dr.Komal Patel, Vice President (Medical and Paramedical Sciences), Parul University
5) The Provost

ACADEMIC DIRECTORS & DEPUTY DIRECTORS

YEAR	FACULTY NAME	POST
1st	Mrs. Sumitra Menaria	HOD & Director
	Mrs. Keya S. Patel	Deputy Director
	Mrs. Arnika Patel	Deputy Director
2nd	Mr. Meet M. Patel	Director
	Ms. Riddhi A. Mehta	Deputy Director
	Dr. Vivek Tiwari	Deputy Director
3rd	Mr. Mohit Rathod	Director
	Mrs. Frenisha J. Digaswala	Deputy Director
	Mrs. Ayushi Y. Desai	Deputy Director
4th	Mr. Utpal B. Patel	Director
	Mrs. Sweety M. Patel	Deputy Director
	Ms. Shivangi B. Patel	Deputy Director

Weekly / MID SEMESTER / EXAM SCHEDULE OR INFORMATION

Max/Min Marks: External Exam	60 Marks External Exam	
Max/Min Marks: Internal Exam	40 Marks Internal Exam	
Particulars	Dates of Examination	Viva Exam
Mid Exam Dates	01/08/2025 to 08/08/2025	27/9/2025 to 03/10/2025
CDC & Face Impact Training & Test Date inform later		
Weekly Exam Date	As per Academic Calendar & Starts from 09/06/2025	
End Semester Exam	10/11/2025 to 22/11/2025	

MFT DETAILs

SR.NO	Course	Div	Name of the MFT	MFT CONTACT NO.	MFT EMAIL ADRESS
1	B. TECH	5A1	Mr. Mohit Rathod	9978524578	mohitkumar.rathod20807@paruluniversity.ac.in
2	B. TECH	5A2	Ms Arpita Limbachiya	9427017623	arpita.vaidya24720@paruluniversity.ac.in
3	B. TECH	5A3	Ms Bhumi Shah	8511864779	bhumi.shah19174@paruluniversity.ac.in
4	B. TECH	5A4	Ms. Frenisha Digaswala	9099079450	frenisha.digaswala22620@paruluniversity.ac.in
5	B. TECH	5A5	Ms Sujaya Bhattacharje	8787899495	sujaya.bhattacharjee29571@paruluniversity.ac.in
6	B. TECH	5A6	Mr Ashish Patel	9423470666	ashish.patel28275@paruluniversity.ac.in
7	B. TECH	5A7	Ms Rucha Joshi	8010712875	rucha.joshi39673@paruluniversity.ac.in
8	B. TECH	5A8	Mr Suraj Singh	9219090152	suraj.singh34612@paruluniversity.ac.in
9	B. TECH	5A9	Ms Gayathri Naidu	8980050022	gayathri.naidu26623@paruluniversity.ac.in
10	B. TECH	5A10	Ms Twara Parikh	9664573048	twara.parekh31271@paruluniversity.ac.in
11	B. TECH	5A11	Ms Shubhangi Dhaygude	9511857115	shubhangi.dhaygude25850@paruluniversity.ac.in
12	B. TECH	5A12	Mr Sunny W Thakre	9822503960	sunny.thakare21241@paruluniversity.ac.in
13	B. TECH	5A13	Mr Nitin Pal	9340937367	nitin.pal34737@paruluniversity.ac.in
14	B. TECH	5A14	Ms Mukta Patel	9922222438	mukta.patel85061@paruluniversity.ac.in
15	B. TECH	5A15	Mr Chauhan Kalpesh	9898107057	kalpesh.chauhan39550@paruluniversity.ac.in
16	B. TECH	5A16	Dr Anand Gadwal	9826065971	anand.gadwal36469@paruluniversity.ac.in

17	B. TECH	5A17	Mr Dinesh Cholakar	8817773673	dinesh.cholkar32937@paruluniversity.ac.in
18	B. TECH	5A18	Ms Ritika Patel	9584361988	ritika.patel38820@paruluniversity.ac.in
19	B. TECH	5A19	Ms Rimpa Kundu	8910726432	rimpa.kundu40171@paruluniversity.ac.in
20	B. TECH	5A20	Ms Bharti Dubey	7987364281	bharti.dubey34662@paruluniversity.ac.in
21	B. TECH	5A21	Mr Satish Kumar	9992357569	satish.kumar37499@paruluniversity.ac.in
22	B. TECH	5A22	Mr Shivam Kumar Upadhyay	8576936888	shivam.upadhyay35285@paruluniversity.ac.in
23	B. TECH	5B1	Ms Ayushi Desai	7567154056	ayushi.desai26097@paruluniversity.ac.in
24	B. TECH	5B2	Mr C S sunil Kumar	8940676681	sunil.kumar40141@paruluniversity.ac.in
25	B. TECH	5B3	Mr Prashant Kothari	9981850951	prashant.kothari36174@paruluniversity.ac.in
26	B. TECH	5B4	Ms Kusum Lata	9015088540	kusumlata.dhiman21133@paruluniversity.ac.in
27	B. TECH	5B5	Ms Yesha Gandhi	9428602666	yesha.gandhi38816@paruluniversity.ac.in
28	B. TECH	5B6	Mr Anurag Kewat	7974163946	anurag.kewat34668@paruluniversity.ac.in
29	B. TECH	5C1	Mr Akash Patil	7990479132	akash.patil24157@paruluniversity.ac.in
30	B. TECH	5C2	Ms Dolly Kankariya	7264066504	dolly.kankariya37421@paruluniversity.ac.in

Curriculum

Semester – 5(CSE)

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303105218	Design and Analysis of Algorithm	3	3	0	0	20	-	20	60	-	40	-	100
303105219	Design and Analysis of Algorithm Laboratory	2	0	4	0	-	20	-	-	30	-	25	50
303105253	Software Engineering	3	3	0	0	20	-	20	60	-	40	-	100
303105254	Software Engineering Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105306	Theory of Computation	3	3	0	0	20	-	20	60	-	40	-	100
303105309	Enterprise Programming using Java	2	2	0	0	20	-	20	60	-	40	-	100
303105310	Enterprise Programming using Java Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105314	Data Analytics and Data Visualization	3	3	0	0	20	-	20	60	-	40	-	100
303105315	Data Analytics and Data Visualization Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303193304	Professionalism & Corporate Ethics	1	-	-	1	-	-	100	-	-	40	-	100
	Open Elective 01	2 - 2	-	-	-	-	-	-	-	-	-	-	
	Total	22 - 22	14	10	1								800

Semester - 5 : Open Elective 01

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303101331	Basic Aircraft Science	2	2	0	0	20	-	20	60	-	40	-	100
303105302	Azure Fundamentals	2	2	0	0	20	-	20	60	-	40	-	100
303105303	Python Programming	2	2	0	0	20	-	20	60	-	40	-	100
303105304	Cyber Security	2	2	0	0	20	-	20	60	-	40	-	100
303105305	Internet of Things	2	2	0	0	20	-	20	60	-	40	-	100
303107346	Fundamentals of Communication Engineering	2	2	0	0	20	-	20	60	-	40	-	100

Semester – 5(CE)

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303105218	Design and Analysis of Algorithm	3	3	0	0	20	-	20	60	-	40	-	100
303105219	Design and Analysis of Algorithm Laboratory	2	0	4	0	-	20	-	-	30	-	25	50
303105253	Software Engineering	3	3	0	0	20	-	20	60	-	40	-	100
303105254	Software Engineering Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105306	Theory of Computation	3	3	0	0	20	-	20	60	-	40	-	100
303105309	Enterprise Programming using Java	2	2	0	0	20	-	20	60	-	40	-	100
303105310	Enterprise Programming using Java Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105314	Data Analytics and Data Visualization	3	3	0	0	20	-	20	60	-	40	-	100
303105315	Data Analytics and Data Visualization Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303193304	Professionalism & Corporate Ethics	1	-	-	1	-	-	100	-	-	40	-	100
	Open Elective 01	2 - 2	-	-	-	-	-	-	-	-	-	-	
	Total	22 - 22	14	10	1								800

Semester - 5 : Open Elective 01

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303101331	Basic Aircraft Science	2	2	0	0	20	-	20	60	-	40	-	100
303105302	Azure Fundamentals	2	2	0	0	20	-	20	60	-	40	-	100
303105303	Python Programming	2	2	0	0	20	-	20	60	-	40	-	100
303105304	Cyber Security	2	2	0	0	20	-	20	60	-	40	-	100
303105305	Internet of Things	2	2	0	0	20	-	20	60	-	40	-	100
303107346	Fundamentals of Communication Engineering	2	2	0	0	20	-	20	60	-	40	-	100

Semester – 5(CSE-CS)

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303105218	Design and Analysis of Algorithm	3	3	0	0	20	-	20	60	-	40	-	100
303105219	Design and Analysis of Algorithm Laboratory	2	0	4	0	-	20	-	-	30	-	25	50
303105311	Quant and Reasoning	3	3	0	0	20	-	20	60	-	40	-	100
303105320	Web Application Security	3	3	0	0	20	-	20	60	-	40	-	100
303105321	Web Application Security Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105322	Mobile Application security	3	3	0	0	20	-	20	60	-	40	-	100
303105323	Mobile Application security Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105324	Metasploit Frame work	3	3	0	0	20	-	20	60	-	40	-	100
303105325	Metasploit Frame work Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303193304	Professionalism & Corporate Ethics	1	-	-	1	-	-	100	-	-	40	-	100
	Open Elective 01	2 - 2	-	-	-	-	-	-	-	-	-	-	
	Total	23 - 23	15	10	1								800

Semester - 5 : Open Elective 01

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303101331	Basic Aircraft Science	2	2	0	0	20	-	20	60	-	40	-	100
303105302	Azure Fundamentals	2	2	0	0	20	-	20	60	-	40	-	100
303105303	Python Programming	2	2	0	0	20	-	20	60	-	40	-	100
303105304	Cyber Security	2	2	0	0	20	-	20	60	-	40	-	100
303105305	Internet of Things	2	2	0	0	20	-	20	60	-	40	-	100
303107346	Fundamentals of Communication Engineering	2	2	0	0	20	-	20	60	-	40	-	100

Semester – 5(CSE-AI)

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303105218	Design and Analysis of Algorithm	3	3	0	0	20	-	20	60	-	40	-	100
303105219	Design and Analysis of Algorithm Laboratory	2	0	4	0	-	20	-	-	30	-	25	50
303105306	Theory of Computation	3	3	0	0	20	-	20	60	-	40	-	100
303105307	Artificial Intelligence	3	3	0	0	20	-	20	60	-	40	-	100
303105308	Artificial Intelligence Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105309	Enterprise Programming using Java	2	2	0	0	20	-	20	60	-	40	-	100
303105310	Enterprise Programming using Java Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105311	Quant and Reasoning	3	3	0	0	20	-	20	60	-	40	-	100
303193304	Professionalism & Corporate Ethics	1	-	-	1	-	-	100	-	-	40	-	100
	Open Elective 01	2 - 2	-	-	-	-	-	-	-	-	-	-	
	Total	21 - 21	14	8	1								750

Semester - 5 : Open Elective 01

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303101331	Basic Aircraft Science	2	2	0	0	20	-	20	60	-	40	-	100
303105302	Azure Fundamentals	2	2	0	0	20	-	20	60	-	40	-	100
303105303	Python Programming	2	2	0	0	20	-	20	60	-	40	-	100
303105304	Cyber Security	2	2	0	0	20	-	20	60	-	40	-	100
303105305	Internet of Things	2	2	0	0	20	-	20	60	-	40	-	100
303107346	Fundamentals of Communication Engineering	2	2	0	0	20	-	20	60	-	40	-	100

Semester – 5(BDA)

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303105218	Design and Analysis of Algorithm	3	3	0	0	20	-	20	60	-	40	-	100
303105219	Design and Analysis of Algorithm Laboratory	2	0	4	0	-	20	-	-	30	-	25	50
303105306	Theory of Computation	3	3	0	0	20	-	20	60	-	40	-	100
303105309	Enterprise Programming using Java	2	2	0	0	20	-	20	60	-	40	-	100
303105310	Enterprise Programming using Java Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303105311	Quant and Reasoning	3	3	0	0	20	-	20	60	-	40	-	100
303105314	Data Analytics and Data Visualization	3	3	0	0	20	-	20	60	-	40	-	100
303105315	Data Analytics and Data Visualization Laboratory	1	0	2	0	-	20	-	-	30	-	25	50
303193304	Professionalism & Corporate Ethics	1	-	-	1	-	-	100	-	-	40	-	100
	Open Elective 01	2 - 2	-	-	-	-	-	-	-	-	-	-	
	Total	21 - 21	14	8	1								750

Semester - 5 : Open Elective 01

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	**Subject**	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
303101331	Basic Aircraft Science	2	2	0	0	20	-	20	60	-	40	-	100
303105302	Azure Fundamentals	2	2	0	0	20	-	20	60	-	40	-	100
303105303	Python Programming	2	2	0	0	20	-	20	60	-	40	-	100
303105304	Cyber Security	2	2	0	0	20	-	20	60	-	40	-	100

303105305	Internet of Things	2	2	0	0	20	-	20	60	-	40	-	100
303107346	Fundamentals of Communication Engineering	2	2	0	0	20	-	20	60	-	40	-	100

Course: BTech **Semester:** 5

Prerequisite: Data structures, Fundamental of programming

Course Objective: Analyze the asymptotic performance of algorithms. Write rigorous correctness proofs for algorithms. Demonstrate a familiarity with major algorithms and data structures. Apply important algorithmic design paradigms and methods of analysis. Synthesize efficient algorithms in common engineering design situations.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	0	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Introduction and Analysis of Algorithms:** Algorithm: Definition, Properties, Types of Algorithms, Writing an AlgoritAlgorithm Analysis: Parameters, Design Techniques of Algorithms Asymptotic Analysis: Big Oh, Big Omega & Big Theta Notations, Lower Bound, Upper Bound and Tight Bound, Best Case, Worst Case, Average Case Analyzing control statement, Loop invariant and the correctness of the algorithm, Recurrences- substitution method, recursion tree method, master method. Sorting Techniques with analysis: Bubble Sort, Selection Sort, Insertion sort.	20	10
2	**Divide & Conquer Algorithms:** Structure of divide-and-conquer algorithms, examples: Binary search, quick sort, Merge sort**,** Strassen Multiplication; Max-Min problem	20	6
3	**Greedy Algorithms:** Introduction, Elements of Greedy Strategy - Minimum Spanning Tree: Kruskal's & Prim's Algorithm, Dijkstra's Algorithm, Knapsack Problem, Activity Selection Problem, Huffman Codes	20	8
4	**Dynamic Programming:** Principal of Optimality, 0/1 Knapsack Problem, Making Change problem, Chain matrix multiplication, Longest Common Subsequence, All pair shortest paths: Warshall's and Floyd's algorithms	20	8
5	**Exploring Graphs:** An introduction using graphs and games, Undirected Graph, Directed Graph, Traversing Graphs, Depth First Search, Breath First Search, Topological sort	5	3
6	**Backtracking and Branch & Bound:** Introduction to Backtracking, Introduction to Branch & Bound, 0/1 Knapsack Problem, N-Queens Problem, Travelling Salesman Problem	5	4
7	**String Matching & NP Completeness:** **String Matching:** **-** Introduction to String Matching, Naive String Matching, Rabin-Karp Algorithm, Kruth-Morris-Pratt Algorithm, String Matching using Finite Automata **NP Completeness:** - Introduction to NP Completeness, P class Problems, NP Class Problems, Hamiltonian Cycle	10	6

Reference Books

1.	**Introduction to Algorithms, 4TH Edition, Thomas H Cormen, Charles E Lieserson, Ronald L Rivest and Clifford Stein, MIT Press/McGraw-Hill. (TextBook)**
2.	**Fundamentals of Algorithms – E. Horowitz et al. (TextBook)**
3.	**Algorithm Design, 1ST Edition, Jon Kleinberg and ÉvaTardos, Pearson**
4.	**Algorithm Design: Foundations, Analysis, and Internet Examples, Second Edition, Michael T Goodrich and Roberto Tamassia, Wiley.**
5.	**Algorithms—A Creative Approach,3RD Edition, UdiManber, Addison-Wesley, Reading, MA**

Course Outcome

After Learning the Course the students shall be able to:

Course Outcome: After learning the course the students will be able to:
1. Develop the ability to analyze the running time of any given algorithm using asymptotic analysis and prove the correctness of basic algorithms.
2. Design efficient algorithms for computational problems, using various algorithm design techniques taught in the course.
3. Explain the major graph algorithms and their analyses. Employ graphs to model engineering problems, when appropriate.
4. Analyze String matching algorithms.
5. Explain the complexity classes P, NP, and NP-Complete, and demonstrate the NP-Completeness of a specific problems.

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc

Course: BTech **Semester:** 5

Prerequisite: Strong programming skills and a solid understanding of algorithms and their analysis are prerequisites for learning and applying Design and Analysis of Algorithms | 203105101 - Fundamentals of Programming

Course Objective: Design and Analysis of Algorithms (DAA) is crucial for efficient problem-solving and algorithm development. It provides tools to measure algorithm performance and make informed decisions on choosing the best algorithms for specific tasks. DAA helps optimize time and space complexities, leading to improved computational efficiency.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	4	0	2	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:

1. Develop the ability to design and implement efficient algorithms for fundamental problems.
2. Cultivate critical thinking skills to analyze problem requirements and constraints, allowing for the selection and modification of appropriate algorithms to solve specific computational problems.
3. Master the use of essential data structures such as arrays, matrices, graphs, and trees to efficiently store, manage, and manipulate data within algorithm implementations.
4. Learn techniques for optimizing algorithms to improve their efficiency and scalability, focusing on aspects such as time complexity, and space complexity,

List of Practical

1.	**write a program to determine whether the given number is Prime or not.**
2.	**Given a sorted array and a target value,return the index if the target is found. If not,return the index where it would be if it were inserted in order.**
3.	**There are N children standing in a line with some rating value. You want to distribute a minimum number of candies to these children such that: Each child must have at least one candy. The children with higher ratings will have more candies than their neighbours. You need to write a program to calculate the minimum candies you must give.**
4.	**There is a new barn with N stalls and C cows. The stalls are located on a straight line at positions x1,xN (0 <= xi <= 1,000,000,000). We want to assign the cows to the stalls, such that the minimum distance between any two of them is as large as possible. What is the largest minimum distance?**
5.	**Given an undirected graph with V vertices and E edges, check whether it contains any cycle or not**
6.	**There are n servers numbered from 0 to n – 1 connected by undirected server-to-server connections forming a network where connections[i] = [ai, bi] represents a connection between servers ai and bi. Any server can reach other servers directly or indirectly through the network.A critical connection is a connection that, if removed, will make some servers unable to reach some other servers. Return all critical connections in the network in any order.**
7.	**Given a grid of size NxM (N is the number of rows and M is the number of columns in the grid) consisting of '0's (Water) and '1's(Land). Find the number of islands.**
8.	Given a grid of dimension N x M where each cell in the grid can have values 0, 1, or 2 which has e following meaning: 0: Empty cell 1: Cells have fres 2. Cells have oranrotten oranges We have to determine what is the minimum time required to rot all oranges. A rotten orange at index [i,j] can rot other fresh oranges at indexes [i-1,j], [i+1,j], [i,j-1], [i,j+1] (up, down, left and right) in unit time'
9.	**Given two strings str1 and str2 and below operations that can be performed on str1. Find minimum number of edits (operations) required to convert 'str1' into 'str2'. Insert Remove Replace, All of the above operations are of equal cost.**
10.	**Minimum Path Sum" says that given a n x m grid consisting of non-negative integers and we need to find a path from top-left to bottom right, which minimizes the sum of all numbers along the path.**
11.	**Given string num representing a non-negative integer num, and an integer k, return the smallest possible integer after removing k digits from num.**
12.	**There is a robot on an m x n grid. The robot is initially located at the top-left corner (i.e., grid[0][0]).The robot tries to move to the bottom-right corner (i.e., grid[m - 1][n - 1]). The robot can only move either down or right at any point in time.Given the two integers m and n, return the number of possible unique paths that the robot can take to reach the bottom-right corner.**

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc

Course: BTech **Semester:** 4

Prerequisite: Basic knowledge of software applications

Course Objective: This course provides a broad introduction to software engineering. The various process models required to develop software is also being described. Moreover the functional and non-functional requirements are also described

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	0	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Introduction:** Study of Different Models, Software Characteristics, Components, Applications, Layered Technologies, Processes, Methods and Tools, Generic View Of Software Engineering, Process Models- Waterfall model, Incremental, Evolutionary process models- Prototype, Spiral And Concurrent Development Model Agile Development : Agility and Agile Process model, Extreme Programming, Other process models of Agile Development and Tools.	10	6
2	**Software Project Management:** Management Spectrum, People 'Product '□Process- Project, W5HH Principle, Importance of Team Management Planning a Software Project : Scope and Feasibility, Effort Estimation, Schedule and staffing, Quality Planning, Risk management- identification, assessment, control, project monitoring plan, Detailed Scheduling	10	5
3	**Requirements Engineering:** Problem Recognition, Requirement Engineering tasks, Processes, Requirements Specification, Use cases and Functional specification, Requirements validation, Requirements Analysis	10	5
4	**Structured System Design:** Design Concepts, Design Model, Software Architecture, Data Design, Architectural Styles and Patterns, Architectural Design, Alternative architectural designs, Modeling Component level design and its modeling, Procedural Design, Object Oriented Design. Data Oriented Analysis & Design : Difference between Data and Information, E-R Diagram, Dataflow Model, Control Flow Model, Control and Process Specification, Data Dictionary	15	5
5	**Coding and Unit Testing:** Programming principles and guidelines, Programming practices, Coding standards, Incremental development of code, Management of code evaluation, Unit testing- procedural units, classes, Code Inspection, Metrics- size measure, complexity metrics, Cyclomatic Complexity, Halstead measure,Knot Count, Comparison Of Different Metrics	10	4
6	**Software Testing and Quality Assurance:** Concepts, Psychology of testing, Levels of testing, Testing Process- test plan, test case design, Execution, Black-Box testing '□Boundary value analysis '□Pair wise testing- state based testing, White-Box testing criteria and test case generation and tool support Quality Assurance : Quality Control, Assurance, Cost, Reviews, Software Quality Assurance, Approaches to SQA, Reliability, Quality Standards- ISO9000 And 9001	15	7
7	**CASE Tools and Advance Practices of System Dependability and Security:** Computer Aided Software Engineering Tools, SCRUM Developments, Dependable System, Reliability Engineering, Safety Engineering, Security Engineering, Resilience Engineeirng	15	5

8	**Advance Software Engineering:** Software Reuse, Component Based Software Engineering, Distributed Software Engineering, Service-Oriented Software Engineering, Real-Time Software Engineering, Systems Engineering, Systems of System.	**15**	**5**

Reference Books

1.	**Software Engineering (TextBook) R.Pressmen; 6th (TextBook)**
2.	**Software Engineering** By Sommerville
3.	**Fundamentals of Software Engineering** By Rajib Mall | PHI
4.	**Software Engineering** By Pankaj Jalote | Wiley India

Course Outcome

After Learning the Course the students shall be able to:

After learning this course students will be able to :
1. Prepare and perform Software Requirement Specification and Software Project Management Plan.
2. Ensure the quality of software product, different quality standards and software review techniques
3. Apply the concept of Functional Oriented and Object Oriented Approach for Software Design.
4. Understand modern Agile Development and Service Oriented Architecture Concept of Industry
5. Analyze, design, verify, validate, implement and maintain software systems.
6. Execute a Project Management Plan, tabulate Testing Plans and Reproduce effective procedures.

Course: BTech **Semester:** 4

Prerequisite: Basic knowledge of software applications.

Course Objective: This course provides a broad introduction to software engineering. The various process models required to develop software is also being described. Moreover the functional and non-functional requirements are also described.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	0	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:
After learning this course students will be able to : 1. Prepare and perform Software Requirement Specification and Software Project Management Plan. 2. Ensure the quality of software product, different quality standards and software review techniques 3. Apply the concept of Functional Oriented and Object Oriented Approach for Software Design. 4. Understand modern Agile Development and Service Oriented Architecture Concept of Industry 5. Analyze, design, verify, validate, implement and maintain software systems. 6. Execute a Project Management Plan, tabulate Testing Plans and Reproduce effective procedures.

List of Practical

1.	**Project Definition and objective of the specified module and Perform Requirement Engineering Process.**
2.	**Identify Suitable Design and Implementation model from the different software engineering models.**
3.	**Prepare Software Requirement Specification (SRS) for the selected module.**
4.	**Develop Software project management planning (SPMP) for the specified module.**
5.	**Do Cost and Effort Estimation using different Software Cost Estimation models.**
6.	**Prepare System Analysis and System Design of identified Requirement specification using structure design as DFD with data dictionary and Structure chart for the specific module.**
7.	**Designing the module using Object Oriented approach including Use case Diagram with scenarios, Class Diagram and State Diagram, Collaboration Diagram, Sequence Diagram and Activity Diagram.**
8.	**Defining Coding Standards and walk through.**
9.	**Write the test cases for the identified module.**
10.	**Demonstrate the use of different Testing Tools with comparison.**
11.	**Define security and quality aspects of the identified module.**

Course: BTech **Semester:** 5

Prerequisite: Calculus, Data Structures, and Algorithms

Course Objective: Formal Language & Automata Theory helps in natural language processing to solve a problem on a model of computation, using an algorithm. It enables to learn in which machine can be made to think.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	0	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Introduction:** Alphabet, languages and grammars, productions and derivation, Chomsky hierarchy of languages	5	2
2	**Regular languages and finite automata:** Regular expressions and languages, deterministic finite automata -(DFA) and equivalence with regular expressions,Moore machines and mealy machines, Conversion from Mealy to Moore and vice versa, nondeterministic finite automata (NFA) and equivalence with DFA, regular grammars and equivalence with finite automata, properties of regular languages, pumping lemma for regular languages, minimization of finite automata.	30	12
3	**Grammars:** Context-free grammars (CFG) and languages (CFL), Chomsky normal forms, nondeterministic pushdown automata (PDA) and equivalence with CFG, parse trees, ambiguity in CFG, pumping lemma for context-free languages, deterministic pushdown automata, closure properties of CFLs. , Context-sensitive languages: Context-sensitive grammars (CSG) and languages.	35	15
4	**Turing machines:** The basic model for Turing machines (TM), Turing-recognizable (recursively enumerable) and Turing- decidable (recursive) languages and their closure properties, variants of Turing machines, nondeterministic TMs and equivalence with deterministic TMs, unrestricted grammars and equivalence with Turing machines, TMs as enumerators.	25	10
5	**Undecidability:**Church Turing thesis, universal Turing machine, the universal and diagonalization languages	5	6

Reference Books

1.	**Introduction to Automata theory, languages and Computation (TextBook)** By John E. Hopcroft, Rajiv Motwani and Jeffery D. Ullman | Pearson
2.	**Elements of the Theory of Computation** By Harry R.Lewis and Christos H. Papadimitriou | Pearson Education Asia
3.	**Introduction to the Theory of Computation** By Michael Sipser | PWS Publishing
4.	**Introduction to Languages and the Theory of Computation** By John C. Martin | McGraw Hill
5.	**Automata and Computability** By Dexter C. Kozen | Undergraduate Texts in Computer Science, Springer

Course Outcome

After Learning the Course the students shall be able to:
After Learning the course, the students shall be able to: 1. Recognize the basic concepts and applications of theory of Computation. 2. Solve Computational Problems using Regular Languages and Finite Automata. 3. Solve Computational Problems using Context free Grammar and Push Down Automata. 4. Design Turing Machine for simple computational Problems. 5. Analyze various concepts of undecidability and Computable Function.

Course: BTech **Semester:** 5

Prerequisite: Data structure, Formal Languages and automata Theory, Mathematics

Course Objective: This course provides a broad introduction to Artificial Intelligence. AI techniques for search and knowledge representation also Apply knowledge of AI planning and machine learning techniques to real-world problems.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	0	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Introduction:** Definition of an AI, Major Areas of Artificial Intelligence, AI Techniques, History, AI problems, Production Systems, Problem characteristics, Intelligent Agents, Agent Architecture, AI Application (E-Commerce, & Medicine), AI Representation, Properties of internal representation, Future scope of AI, Issues in the design of search algorithms. Introduction to AI Problems and Applications, Defining Problems as a State Space Search, Problem Characteristics, Production Systems.	15	7
2	**Search techniques:** Generate-And-Test, Hill Climbing, Best-First Search, Problem Reduction, Constraint Satisfaction, Means-Ends Analysis. Heuristic search, Hill Climbing, Best first search, mean and end analysis, Constraint Satisfaction, A* and AO* Algorithm, Knowledge Representation: Basic concepts, Knowledge representation Paradigms, Propositional Logic, Inference Rules in Propositional Logic, Knowledge representation using Predicate logic, Predicate Calculus, Predicate and arguments, ISA hierarchy, Frame notation, Resolution, Natural Deduction	20	8
3	**Knowledge Representation:** Knowledge Representation – Representation and Mappings, Different Approaches, Issues in knowledge representation. Predicate Logic - Representation Simple Facts in Logic, Representing Instance and Isa Relationships, Computable Functions and Predicates, Resolution. Propositional Logic: Representation, Inference, Reasoning Patterns, Resolution, First-order Logic: Representation, Inference, Reasoning Patterns, Resolution	15	8
4	**Uncertainty:** Non-Monotonic Reasoning, Logics for Non-Monotonic Reasoning, Forward rules, and Backward rules, Justification based Truth Maintenance Systems, Semantic Nets Statistical Reasoning, Probability and Bayes' theorem, Bayesian Network, Markov Networks, Hidden Markov Model, Basis of Utility Theory, Utility Functions.	15	4
5	**Fuzzy Sets and Fuzzy Logic:** Fuzzy Set Operations, Membership Functions, Fuzzy Logic, Hedges, Fuzzy Proposition and Inference Rules, Fuzzy Systems.	10	5
6	**Natural Language Processing:** Introduction, Syntactic Processing, Semantic Analysis, Semantic Analysis, Discourse and Pragmatic Processing, Spell Checking.	10	5
7	**Neural Networks and Expert systems:** Introduction to neural networks and perception-qualitative Analysis, Neural net architecture and applications, Utilization and functionality, the architecture of the expert system, knowledge representation, two case studies on expert systems	15	8

Reference Books

1.	**Artificial Intelligence: A New Synthesis, Harcourt Publishers (TextBook)** By N. J. Nilsson | Harcourt Publishers
2.	**Artificial Intelligence (TextBook)** By Elaine Rich and Kevin Knight | TMH
3.	**Artificial Intelligence-Structures and Strategies For Complex Problem Solving** By George F. Luger | Pearson Education / PHI
4.	**Artificial Intelligence-A Modern Approach** By Stewart Russell and Peter Norvig | Pearson Education/ Prentice Hall of India | 2
5.	**Artificial Intelligence – A Practical Approach** By Patterson | Tata McGraw Hill | 3

Course Outcome

After Learning the Course the students shall be able to:

1. Discuss AI fundamentals, history, and future trends to develop solutions for problem-solving, inference, perception, knowledge representation, and learning tasks.
2. Utilize knowledge representation methods like propositional logic, predicate logic, and frame notation to effectively represent knowledge within AI systems.
3. Discover methods for solving AI problems, including diverse search algorithms and techniques like non-monotonic reasoning, probability theory, Bayesian networks, and fuzzy logic for effective decision-making in uncertain scenarios.
4. Apply Natural Language Processing (NLP), Neural Networks and Expert Systems technologies effectively in real-world scenarios.

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

Course: BTech **Semester:** 5

Prerequisite: Data structure, automata, and languages, Mathematics

Course Objective: This course provides a broad introduction to Artificial Intelligence. AI techniques for search and knowledge representation also Apply knowledge of AI planning and machine learning techniques to real-world problems.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	0	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:
1. Analyze real-world problems and apply appropriate AI techniques to solve them.
2. Create AI systems using heuristic search and knowledge representation techniques.
3. Implement core AI algorithms to solve problems and understand their functionalities.
4. Apply programming skills to build functional AI applications.
5. Analyze complex data and design neural network architectures for pattern recognition and problem-solving.

List of Practical

1.	Develop an AI-based medical diagnosis system using expert systems architecture and knowledge representation techniques.
2.	Build an intelligent agent for optimizing e-commerce inventory management using search algorithms like hill climbing and best-first search.
3.	Implement a constraint satisfaction algorithm to solve scheduling problems in healthcare facilities
4.	Create a recommendation system for personalized learning using means-end analysis and heuristic search techniques.
5.	Develop a problem-solving agent for optimizing resource allocation in logistics using A* and AO* algorithms.
6.	Develop a fuzzy logic-based system for predicting stock market trends considering uncertain market conditions.
7.	Write a program to implement BFS (Water Jug problem or any AI search problem). Write a program to implement DFS (Water Jug problem or any AI search problem).
8.	Define a predicate brother(X,Y) which holds iff X and Y are brothers. Define a predicate cousin(X,Y) which holds iff X and Y are cousins.

	Define a predicate grandson(X,Y) which holds iff X is a grandson of Y. Define a predicate descendent(X,Y) which holds iff X is a descendent of Y. Consider the following genealogical tree: father(a,b). father(a,c). father(b,d). father(b,e). father(c,f). Say which answers, and in which order, are generated by your definitions for the following queries in Prolog: ?- brother(X,Y). ?- cousin(X,Y). ?- grandson(X,Y). ?- descendent(X,Y).
9.	Write a program to implement Tic-Tac-Toe game using python.
10.	Create a spell-checking application utilizing natural language processing (NLP) techniques, including syntactic and semantic analysis.
11.	Design a neural network architecture for pattern recognition in medical imaging for disease diagnosis.

Course: BTech **Semester:** 5

Prerequisite: Basic knowledge of software applications.

Course Objective: This course provides a broad introduction to software engineering. The various process models required to develop software is also being described. Moreover the functional and non-functional requirements are also described.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
2	0	0	0	2	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Foundation of Enterprise Programming:** JDBC, JDBC architecture, JDBC with Oracle, MySql, Maven: integration with eclipse, POM.xml	10	3
2	**Servlets:** Basics of Web, Servlet Lifecycle, Servlets API, HTTP Servlets with XML and annotation, Servlets Configuration, Servlets Context, Servlets Collaboration, Session Tracking, CRUD operations	15	4
3	**JSP: Java Server Programming:** Scripting elements, Directive elements, CRUD operations.	15	4
4	**Hibernate (ORM):** Architecture, JPA, Generator class, Dialects, Mapping, Annotations, Transaction Management, HQL, HCQL, CRUD operations.	20	6
5	**Spring:** Architecture, Modules, Dependency Injection, Autowire, Application Context, annotation-based configuration, MVC CRUD operations	20	7
6	**Spring Boot:** Dependency Injection, Web App using spring boot, Spring boot AOP, spring boot Database, Spring Rest	20	6

Reference Books

1.	**Reference Books: Java Enterprise in a Nutshell" by Jim Farley, William Crawford, and David Flanagan (TextBook)**
2.	**Java EE 8 Design Patterns and Best Practices" by Rhuan Rocha**
3.	**Java EE and HTML5 Enterprise Application Development" by John Brock, Arun Gupta, and Geertjan Wielenga**
4.	**Java 8 Programming Black Book**

Course Outcome

After Learning the Course the students shall be able to:

1. Analyze the structure and operations of JDBC, and apply this knowledge to connect and interact with Oracle and MySQL databases.
2. Perform the concepts of Servlet Configuration and Context, and apply these in practical scenarios.
3. Apply their knowledge to perform CRUD operations using JSP and Hibernate and evaluate the results for correctness and efficiency.
4. Design and create a web application using Spring Boot.

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

Course: BTech **Semester:** 5

Prerequisite: Basic knowledge of software applications | 203105101 - Fundamentals of Programming

Course Objective: This course provides a broad introduction to software engineering. The various process models required to develop software is also being described. Moreover the functional and non-functional requirements are also described.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	0	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:
1. Prepare and do Software Requirement Specification and Software Project Management Plan by ensuring the quality of software product, different quality standards and software review techniques. 2. Apply the concept of Functional Oriented and Object Oriented Approach for Software Design. 3. Understand modern Agile Development and Service Oriented Architecture Concept of Industry 4. Analyze, design, verify, validate, implement and maintain software systems. 5. Execute a Project Management Plan, tabulate Testing Plans and Reproduce effective procedures.

List of Practical

1.	**Write a program to insert and retrieve the data from database using JDBC.**
2.	**Write a program to demonstrate the use of Prepared Statement and Result Set interface.**
3.	**Servlet Programming Servlet Execution on tomcat A servlet program to print hello world A servlet program to display request details A servlet program to handle user form A servlet program to create a cookie A servlet program to display cookie A servlet program to do session tracking Write a program to implement chat Server using Server Socket and Socket class. Write a Servlet program to send username and password using HTML forms and authenticate the user**
4.	**JSP Programming JSP program to display hello world. JSP program to demonstrate arithmetic operations JSP program to demonstrate jsp: forward action tag JSP program to request implicit object Developing a web application to insert record into Oracle Database using JSP and JDBC**
5.	**Create application to store the data in database to perform Hibernate CRUD operations.**
6.	**Create a application store the data in database to perform Spring CRUD operations.**
7.	**Create a web application to store the data in database with spring boot.**

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc

Course: BTech **Semester:** 5

Prerequisite: Good fundamentals in calculations and ability to think logically

Course Objective: The course aims on exploring the fundamentals of Aptitude & reasoning, which involves the ability to analyze and evaluate information logically. Students will learn essential skills such as critical thinking, problem-solving, and decision-making. These skills are vital for software engineers as they navigate complex problems and make sound judgments throughout the development process.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	0	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**UNIT-1**Number system , LCM & HCF simplifications and approximations	9	4
2	**UNIT-2**Averages , progessions,	9	4
3	**UNIT-3**Ratio and proportion,Problems on Ages, Percentages	12	5
4	**UNIT-4**Profit & loss, partnerships, S.I & C.I	12	5
5	**UNIT-5** Time & work , pipes and Cisterns, Time speed and distance , Problems on train crossings, Boats & streams ,	18	8
6	**UNIT-6**Permutations & combinations, probability	11	5
7	**UNIT-7**Directions, seating arrangements	4	2
8	**UNIT-8**Clocks, calenders	6	3
9	**UNIT-9**Cubes & Dice, syllogisms	9	4
10	**UNIT-10**Blood Relations	5	2
11	**UNIT-11**Series ,Analogy, odd man out, coding and Decoding	5	3

Reference Books

1.	**Quantitative Aptitude for CAT by Arun Sharma (TextBook)**
2.	**Logical reasoning for CAT by Arun Sharma**
3.	**Quantitative Aptitude by Abhijit Guha**

Course Outcome

After Learning the Course the students shall be able to:
1.Apply Logic & critical thinking skills to analyze information and draw logical conclusions. 2.Solve complex problems by breaking them down into manageable parts & develop effective solutions. 3. Demonstrate the ability to approach problem-solving from various perspectives.

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc

Course: BTech **Semester:** 5

Prerequisite: Data analytics and Data analysis, Data visualization techniques and Statistical measures, Basics of Programing Languages, Understanding of Python.

Course Objective: Data Analytics helps small and large organizations maximize the value of their data, unearth insights, build plans and respond in real-time to customer demand.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	-	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Introduction to Data Analytics:** Introduction, Data and its importance, Data analytics and its types, Why data analytics is important, Data analysis Vs Data analytics, Classification of data analytics, Elements of Data analytics, Data analyst Vs. Data scientist	25	9
2	**Introduction to Python Fundamentals and Statistics:** Introduction, Importance of Python, Levels of Data measurement, Central tendency and Dispersion, Distribution of Sample Means, Population and Variance, Confidence interval estimation	15	8
3	**Probability and Types of Testing:**Probability and Probability distribution, Sampling and Sampling distribution, Hypothesis testing, Anova test, Chi-square test	20	9
4	**Regression, Classification and Clustering:** Linear and Logistic regression, Clustering: K-Means clustering and Hierarchical clustering, Classification: Decision tree, Confusion matrix	25	10
5	**Data Visualization Using PowerBI:** Introduction to visualization and analytic tool: Power BI, Getting Data from different sources, data transformations, introduction to data modeling, types of data visualizations in PowerBI, Publishing and sharing reports, Use cases of Dashboard and Analytical Reports Creation.	15	9

Reference Books

1.	**Data Analytics using Python By Bharati Motwani, Wiley Publications. (TextBook)**
2.	**Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data.(TextBook) Wiley Publications**
3.	**Statistics 101: From Data Analysis and Predictive Modeling to Measuring Distribution and Determining Probability, Your Essential Guide to Statistics By David Borman, Adams Media**
4.	**Machine Learning, A Probabilistic Approach. By Kevin P. Murphy**

Course Outcome

After Learning the Course the students shall be able to:
1. Explain basics of data analytics lifecycle and visualization. 2. Compare different analytics techniques and visualization using Python. 3. Apply various testing methods and techniques using probability 4. Apply different regression, classification, clustering techniques. 5. Create an interactive data visualization using PowerBI.

Course: BTech **Semester:** 5

Prerequisite: Data analytics tools like PowerBI, Different techniques of visualization and data analytics | 203105251 - Database Management System

Course Objective: Data Analytics helps small and large organizations to maximize the value of their data, unearth insights, build plans and respond in real-time to customer demand.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	-	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:
1. Apply statistical measures to calculate mean, median and mode. 2. Compare and apply different regression, classification algorithm on the given dataset . 3. Perform clustering and detect outliers 4. Create an interactive data visualization dashboard using PowerBI.

List of Practical

1.	**Perform Exploratory Data Analysis on the given dataset using Python.**
2.	**Calculate mean, median and mode of the first 50 records in the given dataset using python.**
3.	**Perform Multiple Linear Regression on data.**
4.	**Perform the Logistic Regression on a dataset.**
5.	**Use a dataset & apply K means clustering to get insights from data.**
6.	**Perform the Decision tree classification algorithm using a dataset.**
7.	**Study and installation of the tools like PowerBI tool for data Visualization.**
8.	**Load a dataset from different sources in PowerBI and apply transformations to it.**
9.	**Study and Plot various graphs for Data Visualization on PowerBI.**
10.	**Given a case study: Interactive Data Analytics with Power BI Dashboard.**

Course: BTech **Semester:** 5

Prerequisite: Basic knowledge of Operating systems

Course Objective: This course provides a broad introduction to distributed computing

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	-	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Introduction & Model of Distributed Computations:** What is distributed operating system, Background, need, features, Introduction to Distributed Computing	5	2
2	**Characteristics of Distributed Systems & system models:** Examples of distributed systems, Resource sharing and the web, Architectural models, fundamental model	10	4
3	**Networking and Internetworking:** Types of Networks, Network principles, Internet protocols	10	4
4	**Inter-process communication:** Introduction, External data representation and marshalling, client- server communication, group communication	10	4
5	**Distributed Objects:** Introduction, Communication between objects, Remote procedure call, events and notification	10	4
6	**Operating System support:** Introduction, OS layer, Protection, Processes and threads, communication and invocation, OS architecture	15	7
7	**Security:**Introduction, Overview of security techniques, cryptographic algorithms, digital signatures	5	3
8	**Distributed file system:** Introduction, File Service architecture, Case study: Sun network file system	10	5
9	**ransactions and Concurrency control, Distributed Transactions:**Transactions, nested transactions, Locks, Optimistic concurrency control, Flat and nested distributed transactions, atomic commit protocols, concurrency control in distributed transactions, distributed deadlocks, Transaction recovery	15	7
10	**Authentication in Distributed Systems:**Introduction, Protocols based on Symmetric cryptosystems, protocols based on asymmetric cryptosystems, Password based authentication, Authentication Protocol failures, Self-stabilization.	10	5

Reference Books

1.	**Distributed Systems concepts and Design by George coulouris, Jean Dollimore and Tim Kindberg (TextBook)**
2.	**Distributed Systems Paperback – 31 March 2017 by Coulouris George (Author), Dollimore Jean (Author), Kindberg Tim (Author), Blair Gordon (Author)**
3.	**Distributed Computing by Ajay Kshemkalyani and Mukesh Singhal**

Course Outcome

After Learning the Course the students shall be able to:
1. Explain the design principles in distributed systems and the architectures for distributed systems. 2. Apply various distributed algorithms related to clock synchronization, concurrency control, deadlock detection, load balancing, voting etc. 3. Analyze fault tolerance and recovery in distributed systems and algorithms for the same. 4. Analyze the design and functioning of existing distributed systems and file systems. 5. Implement different distributed algorithms over current distributed platforms.

Course: BTech **Semester:** 5

Prerequisite: Basic knowledge operating system

Course Objective: This course provides a broad introduction distributed computing.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	-	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:
1. Explain the design principles in distributed systems and the architectures for distributed systems. 2. Apply various distributed algorithms related to clock synchronization, concurrency control, deadlock detection, load balancing, voting etc. 3. Analyze fault tolerance and recovery in distributed systems and algorithms for the same. 4. Analyze the design and functioning of existing distributed systems and file systems. 5. Implement different distributed algorithms over current distributed platforms.

List of Practical

1.	**Implement concurrent echo client-server application.**
2.	**Implement concurrent day-time client-server application.**
3.	**Incrementing a counter in shared memory.**
4.	**Create CORBA based server-client application.**
5.	**Configure reliability and security options.**
6.	**Program to implement Chat Server.**
7.	**Program to implement locking algorithm.**
8.	**Program to implement Remote Procedure Call.**
9.	**Program to implement edge chasing distributed deadlock detection algorithm.**
10.	**Case Study: CORBA.**

Course: BTech **Semester:** 5

Prerequisite: Fundamentals of web applications, Understanding of PHP

Course Objective: Web application security is the practice of protecting websites, applications, and APIs from attacks. It is a broad discipline, but its ultimate aims are keeping web applications functioning smoothly and protecting business from cyber vandalism, data theft, unethical competition, and other negative consequences.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	-	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Basics HTTP & HTTPs:** HTTP Request, Response - Header Fields and HTTPS - Understanding Same Origin – Cookies – Sessions - Web Application Proxies, Understanding Burp-Suite.	20	6
2	**Information Gathering:**whois, nsLookup, netcraft - web server fingerprinting - subdomain enumeration - fingerprinting frameworks - hidden resource enumeration - security misconfigurations - google hacking database - Shodan HQ. OSINT Framework, NMAP: Scanning.	20	9
3	**SQL Injections & Authentication Vulnerabilities:** SQL Statements, Finding SQL Injections, Exploiting SQL Injections, Bypass Authentication, Xpath Injection, Error Based Injection, Double Query Injection, Time Based injections, Union Based Injections, SQL Map, Mitigation plans.	20	10
4	**Advance Web Application Attacks:** Anatomy of an XSS Exploitation, Reflected XSS, Persistent XSS, DOM based XSS, Browsers and XSS, Blocking malicious request, user enumeration, random password guessing, remember me functionality, no limit attempts, password reset feature, logout flaws, CAPTCHA.	20	10
5	**Advance Web Application Attacks-2:** Security Misconfiguration, Sensitive data exposure, Insecure direct object reference and security, CSRF (Cross Site Request Forgery), HTTP Response Splitting, Using Components With Known Vulnerabilities, Unvalidated Redirects and Forwards	20	10

Reference Books

1.	**The Web Application Hacker's Handbook: Finding and Exploiting Security Flaws Dafydd Stuttard, Marcus Pinto (TextBook)**
2.	**The Tangled Web: A Guide to Securing Modern Web Applications" by Michal Zalewski**
3.	**Web Application Security, A Beginner's Guide" by Bryan Sullivan and Vincent Liu**
4.	**OWASP Testing Guide" by The Open Web Application Security Project (OWASP)**
5.	**Web Hacking 101" by Peter Yaworski**

Course Outcome

After Learning the Course the students shall be able to:
1. Describe the potential security implications of decentralized technologies in Web application. 2. Identify potential attack vectors through information gathering methods. 3. Differentiate between white-box, grey-box, and black-box penetration testing methodologies. 4. Evaluate the effectiveness of identified vulnerabilities based on the OWASP Top 10 web application security risks. 5. Demonstrate the key phases of a Secure Development Life Cycle (SDLC) and their role in security.

Course: BTech **Semester:** 5

Prerequisite: Basic knowledge of operating systems, Social Networking platforms, Types of web application functionality | 203105215 - Computer Networks

Course Objective: Learning web application security will give insights into the various types of cyber threats, compliance requirements, career options in like security analyst, penetration tester, security consultant, and security engineer.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	0	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:

After Learning the course, the students shall be able to:
1. Identify common web application vulnerabilities like SQL injection, XSS, and CSRF and also learn to utilize security testing tools and manual testing methods.
2. Implement secure coding principles in their code to prevent vulnerabilities.
3. Create a threat model for a web application, identifying potential threats and attack vectors and analyze case studies of web application security breaches along with its legal implications
4. Develop mitigation strategies to address identified security risks and propose solutions to improve overall web application security.

List of Practical

1.	**Cross-site scripting (XSS) attacks: This practical could involve testing a web application for XSS vulnerabilities and demonstrating how an attacker can exploit them.**
2.	**SQL injection attacks: Students can be given hands-on experience in exploiting SQL injection vulnerabilities to access or modify sensitive data in a web application.**
3.	**CSRF (Cross-Site Request Forgery) attacks: This practical could involve demonstrating how an attacker can use CSRF vulnerabilities to trick a user into performing an unwanted action on a web application.**
4.	**Broken authentication and session management: Students can be trained to identify and exploit vulnerabilities in authentication and session management mechanisms in a web application.**
5.	**Web application firewall (WAF) evasion techniques: This practical could involve testing a web application firewall and demonstrating how an attacker can bypass it using different techniques.**
6.	**Information leakage and sensitive data exposure: Students can be given hands-on experience in identifying and exploiting vulnerabilities that expose sensitive data or information.**
7.	**File inclusion attacks: This practical could involve demonstrating how an attacker can exploit file inclusion vulnerabilities to execute arbitrary code on a web server**
8.	**Clickjacking attacks: Students can be trained to identify and exploit clickjacking vulnerabilities in a web application to trick users into clicking on malicious links.**
9.	**Security configuration issues: This practical could involve identifying and exploiting vulnerabilities resulting from insecure web application configurations.**
10.	**Input validation and sanitization: Students can be given hands-on experience in testing the input validation and sanitization mechanisms of a web application and identifying vulnerabilities.**

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc

Course: BTech **Semester:** 5

Prerequisite: Fundamentals of Android and iOS architecture Mobile rooting and Jailbreaking, Understanding of IPA and APK

Course Objective: The objective of this subject is to train the students about various types of pen testing methodology for mobile devices, basic concepts of penetration testing of mobile applications.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	0	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Fundamentals of Android OS and Applications:**History of Android, Understanding Android Hardware and Software Architecture, Understanding Android Security Model	20	6
2	**IOS & IPA Architecture:** History of iOS, Understanding iOS Hardware and Software Architecture, Understanding iOS Security Model, Understanding iOS Permission Model for Application Security, Sandboxing, Jailbreaking Devices, Understanding IPA	20	9
3	**Mobile App Security:** Understanding Android Permission Model for Application Security, Sandboxing, Codesigning, Encryption, rooting Devices, Understanding APK Understanding Directories and Files on an APK	20	10
4	**Setting up Mobile Vulnerabilities System and Devices:** Setting up Mobile App Pen testing Environment, interact with the Devices, Starting with Drozer, Understanding AndroidManifest.xml,Configuring, Burp and Traffic Interception, Traffic Interception Bypass	20	10
5	**Mobile Application Attacks:** Weak Server-Side Controls (M1), Insecure Data Storage (M2), Insufficient Transport Layer Protection (M3), Unintended Data Leakage (M4), Poor Authentication & Authorization (M5), Broken Cryptography (M6), Client-Side Injections (M7), Security Decisions via Untrusted Input (M8), Improper Session Handling (M9), Lack of Binary Protection (M10)	20	10

Reference Books

1.	**"iOS Application Security: The Definitive Guide for Hackers and Developers" by David Thiel (TextBook)**
2.	**Android Security Internals: An In-Depth Guide to Android's Security Architecture" by Nikolay**
3.	**The Mobile Application Hacker's Handbook" by Dominic Chell, Tyrone Erasmus, Shaun Colley, Ollie Whitehouse, and Georg Wicherski**
4.	**Mobile Application Security: Protecting Mobile Devices and Their Applications" by Manoranjan (Mano) Paul**

Course Outcome

After Learning the Course the students shall be able to:

1. Describe the core components of the Android hardware and software architecture.
2. Evaluate the security mechanisms of iOS, including its data protection model, sandboxing's impact on app security, and the potential risks of device jailbreaking.
3. Apply the Android permission model to configure app access and identify security risks, code-signing verifies app authenticity and origin.
4. Evaluate mobile vulnerability assessment tools and preparing secure testing environments, automate repetitive tasks and streamline the mobile security testing process.
5. Analyze the common vulnerabilities exploited in mobile application attacks, identify different attack types and implement effective mitigation strategies to protect your devices.

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

303105323 - Mobile Application security Laboratory

Course: BTech **Semester:** 5

Prerequisite: Fundamentals of Android and iOS architecture Mobile rooting and Jailbreaking Understanding of IPA and APK. | 203105251 - Database Management System

Course Objective: The objective of this subject is to train the students about various types of pen testing methodology for mobile devices, basic concepts of penetration testing of mobile applications.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	0	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:
1. Debug and troubleshoot common issues encountered during mobile app development.
2. Implement user authentication and authorization mechanisms securely.
3. Analyze the security vulnerabilities specific to each type of mobile application
4. Conduct penetration testing exercises to exploit identified vulnerabilities and assess their impact.
5. Develop a mobile application security policy based on the OWASP Mobile Top 10 guidelines.

List of Practical

1.	**Study the architecture of Android and APK using dex2jar command line.**
2.	**Perform APK reversing using JADX.**
3.	**Perform IPA reversing.**
4.	**Setting up burp suite to intercept mobile application traffic.**
5.	**Setting up MobSF and extract the source code of the apk.**
6.	**Install Genymotion/NOX player and configure it with the ADB to analyze the apk.**
7.	**Installing DIVA on the virtual platform to perform OWASP TOP 10 mobile vulnerabilities.**
8.	**Perform Client-side injection on the apk.**
9.	**Demonstrate the Hard-coded issue in the apk file.**
10.	**Demonstrate improper session handling in apk.**

Course: BTech **Semester:** 5

Prerequisite: Basic knowledge of system and mobile devices, Social Networking platforms, Types of web application functionality, Operating System, Computer Ports and services, Solid understanding of networking fundamentals, Familiarity with operating systems (Linux and Windows)

Course Objective: The objective of this subject is to train the students about various types of pentesting methodology, basic concepts of red teaming and use of Metasploit for penetration testing.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
3	0	0	0	3	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Meterpreter-2** Setting up multiple communication channels with the target, Meterpreter anti-forensics, the get-desktop and keystroke sniffing, Meterpreter resource scripts, Meterpreter timeout control, Meterpreter Sleep Control, Meterpreter transports, Interacting with the registry, Meterpreter API and mixins, Injecting VNC server remotely, Enabling remote Desktop	20	9
2	**Server Side Exploitation :** Exploiting a Linux server, Exploiting a Windows machine, Exploiting Common services	30	12
3	**Client Side Exploitation :** Bypassing antivirus and IDS/IPS, Human interface device attacks, HTA attack, Backdooring executables using a MITM attack, Creating a Linux trojan, File format based Exploitation-PDF and Word, Creating an Android backdoor	20	12
4	**Wireless Network penetration Testing:** Metasploit and wireless, understanding an evil twin attack, Configuring karmetasploit, Wireless MITM attacks, SMB relay attacks	30	12

Reference Books

1.	**Metasploit: The Penetration Tester's Guide David Kennedy, Jim O'Gorman, Devon Kearns, Mati Aharoni (TextBook)**
2.	**Hacking: The Art of Exploitation Jon Erickson**
3.	**Network Security Essentials William Stallings**
4.	**Metasploit Penetration Testing Cookbook Packt Publishing**
5.	**Metasploit Revealed - Secrets of the Expert Pentester - Build your Defense against Complex Attacks Packt Publishing**

Course Outcome

After Learning the Course the students shall be able to:
1. Explain the difference between penetration testing and vulnerability assessments. 2. Analyzing the structure and anatomy of Metasploit, including an in-depth exploration of its core components. 3. Utilize Metasploit to conduct client-side attacks, generate payloads with msfvenom, and exploit Windows machines using social engineering techniques. 4. Assess the effectiveness of various post-exploitation modules in Linux environments to gather comprehensive system information. 5. Apply post-exploitation modules for Windows, including capture, gather, and manage functionalities. In addition, gain a foundational understanding of cryptography and its various types.

Course: BTech **Semester:** 5

Prerequisite: Understanding the basic concepts of the Linux operating system, Navigating the Linux file system and directory structure, File and directory permissions in Linux, Operating System, Experience using the Linux terminal for executing commands, Critical thinking and problem-solving skills for addressing practical challenges

Course Objective: The objective of this subject is to train the students about various types of pentesting methodology, basic concepts of red teaming and use of Metasploit for penetration testing.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
0	0	2	0	1	-	-	20	-	30	50

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Outcome

After Learning the Course the students shall be able to:
At the end of the course, you will be able to: 1. List the different types of manual penetration testing methodologies. 2. Compare and contrast Red Teaming with other penetration testing methodologies. 3. Apply Identify vulnerabilities in a real-world environment using manual testing techniques. 4. Differentiate between symmetric and asymmetric encryption techniques. 5. Develop custom malicious files to exploit specific vulnerabilities in a target system.

List of Practical

1.	**Meterpreter anti-forensics**
2.	**The getdesktop and keystroke sniffing**
3.	**Interacting with the windows registry**
4.	**Meterpreter API and mixins**
5.	**Injecting VNC server remotely**
6.	**Enabling remote Desktop**
7.	**Exploiting a Linux server**
8.	**Exploiting a Windows machine**
9.	**Exploiting Common Network services**
10.	**Bypassing antivirus and IDS/IPS**

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc

Course: BTech **Semester:** 5

Prerequisite:

Course Objective: -

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
-	1	-	-	1	100	100	-	-	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Ethics in Engineering** Scope of engineering ethics Accepting & sharing responsibility Responsible professionals and ethical corporations Resolving ethical dilemmas Case studies	20	5
2	**Group Discussion** Communication core Definition, types, process, guidelines Mock round -1	10	3
3	**Introduction to B-School Tests**Students will be able to solve verbal questions from the following exams. In these sessions students will learn to distinguish between national & international level of Management exam. GMAT CAT	15	2
4	**Listening Skills- Advanced Level**Demonstrate ability to listen more than two minutes of audio clips & solve questions based on it.	10	1
5	**Preparing Brochures**Students will learn how to establish the purpose of writing & determine audience they are writing for.	15	2
6	**Agenda & Minutes of Meeting**Students will be able to explain what an agenda & minutes of meeting are and why they are useful.	10	1
7	**Reading Comprehension; Intermediate level**Students will develop their ability to skim for main idea(s). They will able to make use of contextual clues to infer meaning of unfamiliar words from context and will be able to solve questions based on it.	10	1

Course: BTech **Semester:** 5

Prerequisite: Basic understanding of computer concepts and basic programming

Course Objective: This course provides a broad introduction to Azure cloud , infrastructure , services, security and compliance ,also billing , pricing and support plans.

Teaching and Examination Scheme

Teaching Scheme					Examination Scheme					Total
Lecture Hrs/Week	Tutorial Hrs/Week	Lab Hrs/Week	Hrs/Week	Credit	Internal Marks			External Marks		
					T	CE	P	T	P	
2	0	0	0	2	20	20	-	60	-	100

SEE - Semester End Examination, **T** - Theory, **P** - Practical

Course Content

W - Weightage (%) , **T** - Teaching hours

Sr.	Topics	W	T
1	**Cloud Concepts:** Understanding cloud computing principles, such as the different types of cloud models (public, private, hybrid), infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS), and software-as-a-service (SaaS).	15	6
2	**Azure Services:** Familiarity with the various Azure services and their common use cases. This includes services like Azure Virtual Machines, Azure App Services, Azure Storage, Azure Functions, Azure SQL Database, and more	20	7
3	**Security, Privacy, Compliance, and Trust:** Knowledge of Azure security features, identity and access management, Azure Active Directory, data protection, compliance frameworks, and Azure governance methodologies.	25	5
4	**Azure Pricing and Support:** Understanding Azure subscription options, cost management, pricing models, and the different support options available to Azure customers	15	5
5	**Azure SLA and Service Lifecycles:** Familiarity with Azure Service Level Agreements (SLAs) and the Azure service lifecycle, including planned maintenance, updates, and deprecation policies.	25	7

Reference Books

1.	**Microsoft Azure Fundamentals: Understanding Azure" by Michael Collier and Robin Shahan - 3rd Edition (TextBook)**
2.	**Azure for Architects: Implementing cloud design, DevOps, containers, IoT, and serverless solutions on your public cloud" by Ritesh Modi - 2nd Edition**
3.	**Exam Ref AZ-900 Microsoft Azure Fundamentals" by Jim Cheshire - 2nd Edition**

Course Outcome

After Learning the Course the students shall be able to:

1. Describe cloud computing fundamentals, including different cloud models and service types, and become familiar with key Azure services and their typical uses.
2. Apply Azure security, privacy, compliance, and trust measures, covering identity management, data protection, compliance frameworks, and governance.
3. Apply Azure subscription management, cost optimization, pricing models, and support options for efficient utilization of Azure resources.
4. Explain Azure SLAs and service life cycles, including maintenance, updates, and deprecation policies, ensuring reliability and availability of Azure services.

Miscellaneous

Exam Requirement

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc

Workshop/Seminar

No	Name of Workshop/Seminar	Defined Month/Day
1.	Tableau	2nd week of Aug 25
2.	Software Testing	3rd week of Sep 25
3.	Machine Learning	1st week of Oct 25
4.	Deep Learning	4th week of Oct 25

Co-curricular and extra-curricular events during the semester

No	Name of Chapter	Hosted by	Probable Month
1	Organized by Technical Club	Mr. Mohit Rathod	June ‘25 – May ‘26
2	Organized by Entrepreneur Club	Mr. Harshal Shah	Aug ‘25 – May ‘26
3	Placement & Career related Events	Mr. Umang Panchal	Sept ‘25 – May ‘26
4	Gate Awareness Seminar	Ms.Ayushi Desai	Sept ‘25 – May ‘26

Details of expert talk during the semester

No	Name of Expert Talk	Defined Month/Day
1.	Expert from Waytoweb Pvt Ltd on Image Processing	In the month of Aug 25
2.	Expert from Ananta Solution on Generative AI	In the month of Sep 25
3.	Expert from AWS Community Club on Cloud	In the month of Oct 25
4.	Expert from CyberNGO on Cyber Security	In the month of Oct 25

Details of Value-added courses and Professional courses

No	Value Added Courses	Defined Month/Day
1.	Cloud Practitioner Course	Apprx. 20 Hrs
2.	Web Development Course	Apprx. 20 Hrs

Coordinators of Various Committee

Faculty of Engineering and Technology		
Department of CSE- 2025 - 26		
Sr No	**Faculty Name**	**Coordinator ship**
1	Dr. Rahul Sharma	MIS Coordinator
2	Mr. Utpalkumar Bhupendrabhai Patel Mr.Meet Manjojbhai Patel	Time Table coordinator
3	Mr Devendra Parmar Ms. Gayatri Naidu	Exam Coordinator
4	Dr Gaurav Ameta Dr Bhasha Anjariya Ms Khushboo Trivedi	NAAC, IQAC, UGC, FRC, CII, AICTE, IIC Coordinator
5	Ms. Bela Shah	Workshop, Expert talk, Webinar Coordinator
6	Ms Riddhi A Mehta	Alumni Coordinator
7	Mr. Mohitkumar Jagdishchandra Rathod Mr. Kapil Dev Raghuwanshi	Project Coordinator, ASMP coordinators
8	Mrs. SUJAYA BHATTACHARJEE	EDC Coordinator
9	Mr. Ajaykumar Harishbhai Solanki	E-content Coordinator/ICT coordinator/ PULMS
10	Mr. Akash Suresh Patil	ISAC Coordinator
11	Dr. Bhasha Anjariya	Scholarship Coordinator
12	Ms Arpita Vaidya	Industrial visit Coordinator
13	Mr. Umang pravinkumar Panchal Mr. Kapil Dev Raghuwanshi	Placement / Internship Coordinator
14	Dr Praveen Patidar	NPTEL, MOOCs, Virtual Lab, Value Added Course
15	Ms Bhasha Anjariya	CEP/ CCOEL Coordinator
16	Dr. Nandkishor sirdeshpandey	Student chapters (CSE, IEEE, CSI student chapter)/Student Clubs
17	Mr. Mohitkumar Jagdishchandra Rathod	TechExpo, Tinkering hub Coordinator, Technical Event Coordinator
18		Sport Coordinator
19	Ms. Shubhangi Dhaygude Ms. Ayushi Desai	GATE Coordinator, Competitive Exam
20	Mr Ashish Patel	IRC, International Exchange Program
21	Dr Rahul Sharma	Center of Excellence

Ranker List of Last Semester Result with SGPA

TOP 10 Ranker Sem 3rd regular

AI

EN	NAME	SGPA
2303051240178	RATHOD KRISHA JAYDIPSINH	9.45
2303051240286	ADITI RATHORE	9.23
2303051240095	JAY DHODI	9.18
2303051240206	SHAIKH SAHIL NAJIL	9.18
2303051240004	ABHAY KUMAR SINGH	9.09
2303051240112	KUSHAGRA AGRAWAL	9.09
2303051240256	VAIBHAV GUPTA	9.09
2303051240354	PARMAR KRUNAL DHARMENDRA	9.09
2303051240072	DIVYA CHAUDHARY	9
2303051240116	MANDAL POOJA RANJEET	9

CYBER SECURITY

EN	NAME	SGPA
2303051450011	PATIL PAL DINESH	8.32
2403051457012	TANISHA PRAGNESHBHAI BHAVSAR	7.55
2303051450006	REKHA SIDA	7.27
2303051450012	DUBAL HARSHIL VINESH	7.14
2403051457006	BARIYA KULDEEP RAJUBHAI	7.14
2303051450009	BANJARA VIVEK PRADEEP	7.05
2203051450003	BHATIYA JANKI NILESHKUAMR	7
2303051450007	SOLANKI HARDIPSINH VIKRAMSINH	7
2303051450013	PATEL ZEEL PRAKASHBHAI	6.91
2403051457011	RAJ PRAMOD BHAI PATEL	6.91

CSE

EN	NAME	SGPA
2303051050553	PATOLE VEDANT AJINKYA	9.55
2303051050523	PATEL KRISHNA NAVNEETBHAI	9.32
2303051050643	RANDHIR KUMAR	9.23
2303051050305	INGLE SHRUTI KACHRU	9.18
2303051051168	ABHISHEK RAJ	9.09
2303051050074	AMIT KUMAR SHARMA	9.05
2303051050205	CHORVADI KHUSHI KISHAN	9.05
2303051050804	SACHIN KUMAR VERMA	9.05
2303051050922	SUBHADEEP ROY	9.05
2303051050402	MAHI SINGH	9

CE

EN	NAME	SGPA
2303051260014	HARSHAL SANTOSH JADHAV	8.77
2303051260050	RONIT KANSARA	8.55
2303051260061	SAHENAWAZ AHMED	8.41
2303051260022	KENIA KAVYA ANIL	8.23
2303051260025	KRISH GOEL	8.23
2303051260021	KAUSTUV CHANDAR	8.14
2303051260042	SHUBHAM SINGH	8.14
2303051260062	SANDEEP MANDAL	8.14
2303051260011	GIRAWALE SHUBHAM SAMBHAJI	7.86
2303051260032	PATEL KARTIKKUMAR PANKAJKUMAR	7.68

ALL THE BEST