POORNIMA
COLLEGE OF ENGINEERING

Department of Computer Engineering

CURRICULUM DELIVERY PLAN (CDP)
ODD Sem. 2023-24

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)
• Phone: +919829255102 • E-mail: info.pce@poornima.org
• Website: www.pce.poornima.org

Table of Contents

1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of Continuous Internal Assessment (CIA)

PCE is affiliated to RTU, Kota and follows the planned and prescribed curriculum of University. The Internal Quality Assurance Cell (IQAC) of PCE takes the responsibility of monitoring the effective delivery of the curriculum through a well-planned and documented process. To ensure effective curriculum delivery, a Curriculum Delivery Plan (CDP) is prepared by all PAC's of the respective departments. A CDP includes detailed planning for preparation, verification, execution and adherence to all documents related to academic delivery of all courses. As per the directions received from IQAC, the Examination cell plans for the Continuous Internal Assessment. Examination cell then circulate CIA planning to the PAC. Examination cell sends all the CIE Data to Director's Office for the final approval before its submission to RTU. Detail outlines are as follows.

1. Director Office, PCE receives the curriculum from RTU, Kota through university website.
2. IQAC prepares institute academic calendar aligned with RTU academic calendar considering input received in last GC meeting and other stakeholders. IQAC forwards the Institute Academic Calendar to PAC (Program Assessment Committee) for identifying curriculum gaps and examination cell for CIE. PACs then prepares CDPs after consolidating the course specific planning received from the respective faculty members.
3. A CDP includes activities for gap abridgement which are proposed to be carried out by the faculty members.
4. IQAC also instructs PACs to prepare the department activity calendar. PACs receives approval of department activity calendars and CDPs from DABs before its final approval from IQAC.
5. IQAC also reviews the CDPs approved by DABs and gives suggestions/ approvals periodically. All the activities (SPL, Industrial visit, workshop etc.) planned are taken into consideration for the Department activity calendar after the approval from DABs.
6. Subject wise Course files are prepared by respective faculty, comprising of Syllabus, ABC analysis, Blown-Up, Deployment, Lecture notes, Zero Lecture, Tutorial and Assignment sheets, COs Statements, and Mapping with POs and PSOs.
7. Faculty frequently use ICT tools for more effective content delivery using PPTs, video lectures etc.
8. Student attendance is monitored by tutors and chief proctor office with help of SHARP ERP software. Attendance defaulters are regularly counseled through their tutors for improving their attendance.
9. Institute also conducts Annual Internal Academic Audit for the effectiveness of teaching-learning methodologies and the necessary actions are taken as suggested by the audit team.
10. Conferences, seminars, webinars, workshops, expert lectures, STTPs, and FDPs are organized throughout the year on the recent advances in the field of engineering.
11. Continuous Internal Assessment process includes Midterm exam, Tutorials, Assignments, Quizzes, presentation, Class Test, viva-voce etc.
12. As per the RTU examination scheme, mid semester examinations are conducted centrally by examination cell as per the planning & academic calendar and other assessments are conducted at departmental level.
13. All the evaluations are carried out by the faculty members which include COs-POs attainment, Gap identification & action taken for the fulfillment of gap.

14. Student feedback and attainment of COs-POs are reviewed by the PAC for any revision in planning & Delivery.
15. End term semester examinations are conducted by the RTU, Kota.

2 Vision & Mission Statements

2.1 Vision &Mission Statements of the Institute

Vision of Institution

To create knowledge based society with scientific temper, team spirit and dignity of labor to face the global competitive challenges

Mission of Institution

To evolve and develop skill based systems for effective delivery of knowledge so as to equip young professionals with dedication & commitment to excellence in all spheres of life

2.2 Vision &Mission Statements of the Programme B. Tech. (Computer Engineering)

2.2.1 Vision of Department

Evolve as a centre of excellence with wider recognition and to adapt the rapid innovation in Computer Engineering.

2.2.2 Mission of Department

- To provide a learning-centered environment that will enable students and faculty members to achieve their goals empowering them to compete globally for the most desirable careers in academia and industry.

- To contribute significantly to the research and the discovery of new arenas of knowledge and methods in the rapid developing field of Computer Engineering.

- To support society through participation and transfer of advanced technology from one sector to another.

2.2.3 PEO of the Department

Program Educational Objectives (PEOs

PEO1: Graduates will work productively as skillful engineers playing the leading roles in multifaceted teams

PEO2: Graduates will identify the solutions for challenging issues inspiring the upcoming generations leading them towards innovative, creative, and sophisticated technologies.

PEO3: Graduates will implement their pioneering ideas practically to create products and the

feasible solutions of research oriented problems

2.2.4 Program Specific Outcome (PSOs)

PSO1: The ability to understand and apply knowledge of mathematics, system analysis & design, Data Modeling, Cloud Technology, and latest tools to develop computer based solutions in the areas of system software, Multimedia, Web Applications, Big data analytics, IOT, Business Intelligence and Networking systems.

PSO2: The ability to understand the evolutionary changes in computing, apply standards and ethical practices in project development using latest tools & Technologies to solve societal problems and meet the challenges of the future.

PSO3: The ability to employ modern computing tools and platforms to be an entrepreneur, lifelong learning and higher studies.

2.3 Program Outcomes (PO)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated 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 specified needs with appropriate 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 valid 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 assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant 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, and 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 comprehend and write effective reports and 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 leader in a team, to manage projects and 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.

3 Department Academic & Administrative Bodies - Structure & Functions

3.1 Department Advisory Board (DAB)

3.1.1 Primary Objective

Department Advisory Board (DAB) of Department of Computer Engineering, PCE, Jaipur is formed to provide necessary suggestions for developing a structured approach for continuous improvement in curriculum delivery, planning and incorporation of Curricular, Extra and Co-Curricular activities needed to abridge the pre-identified curriculum gaps.

3.1.2 Roles & Responsibilities

1. Suggest improvement in academic plans and recommend standard practices/system for attainment of Program Educational Objectives, Program Outcomes, Program Specific Outcomes and Course Outcomes.
2. Provide guidelines for industry-institute interactions to bridge up curriculum/industry gap and suggest quality improvement initiatives to enhance employability.
3. Develop a structured Curriculum Delivery Plan, Department Academic Calendar and seek approval for them from Internal Quality Assurance Cell.
4. Incorporate suggestions received from Program Assessment Committee (PAC) by including proposed activities for bridging curricular gaps identified.
5. To identify and suggest thrust areas to conduct various activities (final year projects, training courses and additional experiments to meet PEOs, and propose necessary action plan for skill development of students, required for entrepreneurship development and quality improvement.

3.1.3 Department-Wise Composition

S. No.	Category	Nominated by	Name of Members	Address
1	Principal	Chairman, IQAC	Dr. Mahesh Bundele	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Professor and Head, CE	Chairman, DAB-CE	Dr. Nikita Jain	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
3	Professor, CE	Chairman, DAB-CE	Dr. Veena Yadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur

4	Assistant Professor, CE	Chairman, DAB-CE	Mr. Manish Dubey	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
5	Assistant Professor, CE	Chairman, DAB-CE	Mr. Shirish Mohan Dubey	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Associate Professor, CE	Chairman, DAB-CE	Dr. Abhishek Sharma	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
7	Assistant Professor, CE	Chairman, DAB-CE	Ms. Harshita Virwani	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
8	Assistant Professor, CE	Chairman, DAB-CE	Ms. Neha Shrotriya	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
9	Dean, First Year	Chairman, DAB-CE	Dr. Rekha Nair	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
10	Alumni Representative-1	Chairman, DAB-CE	Ms. Aish Joshi	TCS
11	Alumni Representative-2	Chairman, DAB-CE	Mr. Abhay Agarwal	IBM
12	Student Representative	Chairman, DAB-CE	Mr. Riyank A. Nair	Final Year CE
13	Industry Representative	Chairman, DAB-CE	Ms. Nisha Gupta	RoboMQ Pvt. Ltd
14	Parents Representative-1	Chairman, DAB-CE	Mr. Om Prakash Sikhwal F/O Ms. Divyanshi Sikhwal (III A)	Jaipur
15	Parents Representative-2	Chairman, DAB-CE	Mr. Rohitash Singh Shsodiya F/O Ranjeet Singh Shisodhiya (III C)	Jaipur

3.1.4 Meeting Frequency & Objectives

Meeting No.	Meeting Code	Meeting Month-Week	Meeting Objective
1.	DAB-1	January First Week	● Consideration of gaps and proposed activities by PAC lastmeeting to be implemented in DAC and CDP. ● Prepares final draft of CDP and DAC to be proposed in upcoming IQAC meeting
2.	DAB-2	March Second Week	● Approval / Suggestions of proposals from last PAC Meeting. ● Revision of DAB Drafts for being proposed in upcoming GC

3	DAB-3	April First Week	● Draft preparation for DAC and CDP for upcoming semesterafter considering inputs from PAC. ● Review Semester closure draft from PAC.
4.	DAB-4	June Last Week	● Draft of PCE Academic Calendar and CDP proposed ● Previous session closure with gaps and feedback. ● Completion of ATR-2 for current semester based on last GCsessions and compiling it with ATR-1

3.2 Program Assessment Committee

3.2.1 Primary Objective

The primary objective of Program Assessment Committee (PAC) is to identify bridge and assess the gaps in Program's Curriculum received from University through attainment calculation.

3.2.2 Roles & Responsibilities

1. Identify gaps in curriculum laid down by University and propose activities for bridging identified gaps.

2. Implement academic plans and standard practices/system for attainment of Program Educational objectives, Program Outcomes, Program Specific Outcomes and Course Outcomes.

3. Regular Monitoring of curriculum gap abridgement and course deployment practices through pre-defined methods.

4. Execute Industry-Institute Interactions to enhance the employability thereby meeting the industry standards and requirements.

5. Implement Curriculum Delivery Plan & Department Academic Calendar.

3.2.3 Department-Wise Composition

S. No.	Category	Nominated by	Name of Members	Address
1	Chairman, PAC-CE	Chairman, IQAC / Head of Institution	Dr. Nikita Jain (Associate Professor)	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Member Secretary	Chairman, PAC-CE	Dr. Ajay Kumar Khunteta (Professor)	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
3	Faculty representative-1	Chairman, PAC-CE	Dr. Veena Yadav (Professor)	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
4	Faculty representative-2	Chairman, PAC-CE	Mr. Devendra Nath Pathak (Assistant Professor)	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
5	Faculty representative-3	Chairman, PAC-CE	Ms. Geeta Tiwari (Assistant Professor)	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Faculty	Chairman, PAC-CE	Mr. Shirish Mohan Dubey (Assistant	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur

	representative-4		Professor)	
7	Faculty representative-5	Chairman, PAC-CE	Ms. Archana Soni (Assistant Professor)	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
8	Faculty representative-6	Chairman, PAC-CE	Dr. Rajesh Kumar Bathija (Professor)	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur

3.2.4 Meeting Frequency & Objectives

Meeting No.	Meeting Code	Meeting Month-Week	Meeting Objective
1.	PAC-1	July Last Week	● Execution of Academic, Extra and Co-Curricular activities ● Regular assessment of Academic, Extra and Co-Curricular activities ● Regular calculation of attainments ● Revision of Academics gaps ● Prepared regular report of program for all assessment, attainment & gaps
2.	PAC-2	August First Week	● Execution of Academic, Extra and Co-Curricular activities ● Regular assessment of Academic, Extra and Co-Curricular activities ● Regular calculation of attainments ● Revision of Academics gaps ● Prepared regular report of program for all assessment, attainment & gaps
3	PAC-3	September Last Week	● Execution of Academic, Extra and Co-Curricular activities ● Regular assessment of Academic, Extra and Co-Curricular activities ● Regular calculation of attainments ● Revision of academics gaps as previous attainment ● Assessment of activities required for being proposed in upcoming GC ● Submit report to Governing Council about previous semester & planning of next semester.
4.	PAC-4	March Second Week	● Inclusion of suggestions for revising gaps ● Execution of Academic, Extra and Co-Curricular activities according to suggestions in GC ● Regular calculation of attainments ● Revision of academics gaps as previous attainment ● Regular assessment of Academic, Extra and Co-Curricular activities ● Identification and proposal of gaps and activities to be considered by DAB to prepare Department Academic Calendar and CDP for upcoming semester. ● Semester closure report draft to be prepared ● Elective proposals/CBCS
5.	PAC-5	April last Week	● Incorporation of suggestions from IQAC and DAB meetings in execution of Semester activities ● Execution of Academic, Extra and Co-Curricular activities ● Regular assessment of Academic, Extra and Co-Curricular activities ● Regular calculation of attainments

			• Revision of Academics gaps • Prepared regular report of program for all assessment, attainment & gaps
6.	PAC-6	May Third Week	• Execution of Academic, Extra and Co-Curricular activities • Regular assessment of Academic, Extra and Co-Curricular activities • Regular calculation of attainments • Revision of Academics gaps • Prepared regular report of program for all assessment, attainment & gaps
7.	PAC-7	June last Week	• Execution of Academic, Extra and Co-Curricular activities • Regular assessment of Academic, Extra and Co-Curricular activities • Regular calculation of attainments • Revision of Academics gaps • Prepared regular report of program for all assessment, attainment & gaps • Draft preparation of Semester closure
8.	PAC-8	July Second Week	• Report submission of Semester closure • Identification and proposal of gaps and activities to be considered by DAB to prepare Department Academic Calendar and CDP for upcoming semester. • Feedback of last IQAC and suggestions for new semester to be implemented in CDP and DAC • Elective proposals/CBCS

4. List of Faculty Members& Technical Staff

S. No.	College Emp. ID	Name of the Faculty Member	Exact Designation	Department	Date of Joining
1	1212	MR. SANJAY KUMAR GUPTA	ASST PROFESSOR	COMPUTER ENGINEERING	1-Jul-06
2	2820	DR. MAHESH BUNDELE	**PRINCIPAL**	COMPUTER ENGINEERING	1-Sep-18
3	4548	Dr. VEENA YADAV	**PROFESSOR**	COMPUTER ENGINEERING	22-Dec-14
4	6148	MS. NEHA SHROTRIYA	ASST PROFESSOR	COMPUTER ENGINEERING	22-Jul-19
5	6179	DR. NIKITA JAIN	**ASSOCIATE PROFESSOR**	COMPUTER ENGINEERING-HoD	1-Oct-19
6	6242	MR. MANISH DUBEY	ASST PROFESSOR	COMPUTER ENGINEERING	9-Sep-19
7	6857	MS. HARSHITA VIRWANI	ASST PROFESSOR	COMPUTER ENGINEERING	19-Dec-22
8	6875	Ms. BARKHA NARANG	ASST PROFESSOR	COMPUTER ENGINEERING	2-Apr-21
9	6877	Ms. ARCHANA SONI	ASST PROFESSOR	COMPUTER ENGINEERING	5-Jul-14
10	7111	Dr. ABHISHEK SHARMA	**ASSOCIATE PROFESSOR**	COMPUTER ENGINEERING	25-Jul-20
11	7129	MR. SHIRISH MOHAN DUBEY	ASST PROFESSOR	COMPUTER ENGINEERING	1-Jul-21

12	7208	MS.GEETA TIWARI	ASST PROFESSOR	COMPUTER ENGINEERING	1-Aug-22
13	7227	MS. SHILPA KALRA SAHANI	ASST PROFESSOR	COMPUTER ENGINEERING	22-Aug-22
14	7266	MR. SARANSH SHARMA	ASST PROFESSOR	COMPUTER ENGINEERING	16-Aug-22
15	7271	MR. DEVENDRA NATH PATHAK	ASST PROFESSOR	COMPUTER ENGINEERING	16-Aug-22
16	7274	MR. SUCHIT BHAI PATEL	ASST PROFESSOR	COMPUTER ENGINEERING	1-Sep-22
17	7275	MR. ROHIT SINGH RAJPUT	ASST PROFESSOR	COMPUTER ENGINEERING	17-Aug-22
18	7492	MS. ANJULI DUBEY	ASST PROFESSOR	COMPUTER ENGINEERING	18-Feb-23
19	7489	DR. RAJESH KUMAR BATHIJA	**PROFESSOR**	COMPUTER ENGINEERING	18-Feb-23
20	8038	MS. CHITRA THINGER	ASST PROFESSOR	COMPUTER ENGINEERING	17-Apr-23
21	8036	MR. SHUBHAM PATEL	ASST PROFESSOR	COMPUTER ENGINEERING	15-Apr-23
22	7509	MS. ANJALI SINGH	ASST PROFESSOR	COMPUTER ENGINEERING	1-Jul-23
23	8248	MS. AMRITPAL KAUR	ASST PROFESSOR	COMPUTER ENGINEERING	17-Aug-23
24	8358	MS. RITU SHARMA	ASST PROFESSOR	COMPUTER ENGINEERING	9-Oct-23
25	1133	Ms. GARIMA ANGIRA	ASST PROFESSOR	COMPUTER ENGINEERING	2-Jan-22
26	6149	MS. UPMA KUMARI	ASST PROFESSOR	COMPUTER ENGINEERING	22-Jul-19
27	1293	MR. AMITESH KUMAR	ASST PROFESSOR	COMPUTER ENGINEERING	3-Jul-17
28	8532	DR. AMIT PANDEY	**PROFESSOR**	COMPUTER ENGINEERING	21-Mar-24
29	7017	DR. SURENDRA HANS	**ASSOCIATE PROFESSOR**	ELECTRONICS & COMMUNICATION ENGG	1-Jun-21
30	7499	DR. GEETIKA MATHUR	**ASSOCIATE PROFESSOR**	ELECTRONICS & COMMUNICATION ENGG	18-Feb-23

4 Institute Academic Calendar

JULY 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

AUGUST 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCTOBER 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOVEMBER 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

DECEMBER 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

POORNIMA
COLLEGE OF ENGINEERING

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f)

ACADEMIC CALENDAR 2023-24*#

ODD SEMESTER

JULY 2023

RTU THEORY EXAMINATION OF FIRST YEAR [EVEN SEM 2022-23]

AUGUST 2023

Practical Training [After II, IV, VI Sem.]

Monday 15	Celebration of Independence Day.

SEPTEMBER 2023

Monday 11	Commencement of Classes-Odd Semesters B. Tech. III/V/VII Sem.
Wednesday 06 to Sataturday16	Induction Program B.Tech. I Sem
Monday 18	Commencement of Classes-Odd Semesters B. Tech. I Sem.
Tuesday 05	Celebration of Teachers' Day & Activities under WISE
Friday 15	Engineers' Day
Friday 29	Blood Donation Camp

OCTOBER 2023

Monday 02, 2023	Annual Day KALANIDHI' & Faculty Felicitation Program
Monday 16, 2023	Manthan- Inter-college Debate Competition
Wednesday 11, to Friday 13	First Mid Term Theory & Practical Exam for B.Tech VII Sem
Monday 16, to Saturday 21	First Mid Term Theory & Practical Exam for B.Tech V & III Sem

NOVEMBER 2023

Thursday 02, to Wednesday 08	First Mid Term Theory & Practical Exam for B.Tech I Sem
Tuesday 28 to Thursday 30	Second Mid-TermTheory & Practical Exam for B.Tech VII Sem
Thursday 30, 2023	Last Teaching Day for B.Tech VII Sem
Tuesday 28 to Tuesday, Dec. 05	Second Mid Term Theory & Practical Exam for B.Tech V & III Sem

DECEMBER 2023

As Per RTU Exmination Schedule	End-Term Practical Exams for B.Tech VII Sem
Tuesday 05	Last Teaching Day for B.Tech V & III Sem
As Per RTU Exmination Schedule	End-Term Practical Examination for B.Tech V & III Sem
Monday 18, to Saturday 23	Second Mid-TermTheory & Practical Exam for B.Tech I Sem
Saturday 23	Last Teaching Day for B.Tech I Sem

JANUARY 2023

As Per RTU Exmination Schedule	End-Term Practical Examination for B.Tech I Sem

HOLIDAYS IN ODD SEMESTER

➢	Independence Day Celebration	- 14 August, Monday - 15 August, Tuesday
➢	Raksha Bandhan	- 30 August, Wednesday
➢	Krishna Janmashtami	- 7 September, Thursday - 9 September, Saturday
➢	Vijayadashami	- 24 October, Tuesday
➢	Diwali Break	- 10 November, Friday - 14 November, Tuesday
➢	Gurunanak Jayanti	- 25 November, Saturday - 27 November, Monday
➢	Christmas	- 23 December, Saturday - 25 December, Monday
➢	New Year	- 01 January, Monday - 02 January, Tuesday

*Subject to revision as per RTU notifications

#For all Engineering Faculty and Students of PCE

5 Department Activity Calendar

Poornima College of Engineering, Jaipur

Calendar for Computer Engineering : Odd Semester - Session 2023-24

(A) Academic Processes

S. No.	Activity/ Process	B.Tech. III Sem.	B.Tech. V Sem.	B.Tech. VII Sem.
1	Date of Registration & start of regular classes for students	Thursday 24, August 2023	Monday 04, September 2023	Friday 4, August 2023
2	Orientation programme	Thursday 24 to Saturday 26, August 2023	Monday 04 to Wednesday 06, September 2023	Friday 4 to Monday 07, August 2023
3	Date of submission of question papers by faculty members to secrecy for 1st Mid-term	Monday, 25 September 2023	Friday 29, September 2023	Monday 19, September 2023
4	I Mid Term Theory & Practical Exam	Tuesday 03 to Monday 9, October 2023	Thursday 05 to Wednesday 11, October 2023	Thursday 05 to Wednesday 11, October 2023
5	Showing evaluated answer books of 1st Mid-term exam to students in respective classes	Friday 13, October 2023	Saturday 14, October 2023	Friday 13, october 2023
6	Last date of submission of Evaluated Answer Books and Mark of First Mid-term Theory & Practical exam to Exam and Secrecy Cell respectively	Tuesday 17, October 2023	Tuesday 16, October 2023	Monday 16, October 2023
7	Date of submission of question papers by faculty members to secrecy for 2nd Mid-term	Saturday 4, November 2023	Saturday 18, December 2023	Friday 10, November 2023
8	Revision classes	Monday 6 to Friday 10, November 2023	Monday 06 to Friday 10, December 2023	Monday, 06 to Friday 10, November 2023
9	Last Teaching Day	Friday 10, November 2023	Friday 10, December 2023	Thursday 10, November 2023
10	2nd Mid-term theory & Practical Exams	Thursday 16 to Wenesday 22, December 2023	Monday 20 to Saturday 25, November 2023	Monday, 20 November to Saturday 25, November 2023

11	End-Term Practical Exams	Monday, 04 December 2023	Saturday, 23 December 2023	Monday, 14 December 2023
12	End-Term Theory Exams	Thursday, 14 December 2023	Friday, 08 December 2023	Thursday, 7 December 2023
(B) Events and Activities				
1	Expert Lecture: Unleashing emerging research trends and advancements in computer science	Tuesday 01, August 2023		
2	Expert Lecture: App development on iOS	Wednesday 13, September 2023		
3	Session on : Python Basics	Saturday 16, September 2023		
4	Training on : Data Science, Artificial Intelligence & Machine Learning	Saturday 23, September 2023		
5	Expert Lecature: Mega Trends in AI, IOT and Block Chain		Tuesday 26, September 2023	
6	Expert Lecture on : Recent Trends in Distributing Computing	Thursday 12, October 2023		
7	Expert Lecture on: Intelligence System	Tuesday 7, November 2023		
8	Workshop: Career opportunities in IT Infrastructure Management Services		Friday 10, November 2023	
9	Expert Lecture: Targeted Promotion on Social Media and Progressive Web Application	Monday 20, November 2023		
10	Expert Lecture on: PowerBI	Thursday 30, November 2023		
(C) Holidays				
1	Raksha Bandhan	Wednesday, August 30, 2023		
2	Shri Krishna Janmashtami	Thursday, 7 September 2023 to Saturday, 9 September 2023		
3	Vijay Dashmi	Tuesday, 24 October 2023		
4	Diwali Break	Friday, 10 November 2023 to Tuesday, 14 November 2023		
5	Guru Nanak Jayanti	Saturday, 25 November 2023 & Monday, 27 November 2023		
6	Christmas	Saturday, 23 December 2023 & Monday, 25 December 2023		

7	New Year Day	Monday, 1 January 2024 & Tuesday, 2 January 2024
8	Winter Break	As per RTU Examination Schedule

"स्वच्छ भारत.. सम्पन्न भारत.."

6 Teaching Scheme

6.1 RTU Teaching Scheme

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme
B.Tech. : Computer Science & Engineering
2nd Year - III Semester

SN	Category	Course Code	Course Title	Contact hrs/week L	T	P	Marks Exm Hrs	IA	ETE	Total	Cr
THEORY											
1	BSC	3CS2-01	Advanced Engineering Mathematics	3	0	0	3	30	70	**100**	**3**
2	HSMC	3CS1-02/ 3CS1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	2	30	70	**100**	**2**
3	ESC	3CS3-04	Digital Electronics	3	0	0	3	30	70	**100**	**3**
4	PCC	3CS4-05	Data Structures and Algorithms	3	0	0	3	30	70	**100**	**3**
5		3CS4-06	Object Oriented Programming	3	0	0	3	30	70	**100**	**3**
6		3CS4-07	Software Engineering	3	0	0	3	30	70	**100**	**3**
			Sub Total	**17**	**0**	**0**					**17**
PRACTICAL & SESSIONAL											
7	PCC	3CS4-21	Data Structures and Algorithms Lab	0	0	3		60	40	**100**	**1.5**
8		3CS4-22	Object Oriented Programming Lab	0	0	3		60	40	**100**	**1.5**
9		3CS4-23	Software Engineering Lab	0	0	3		60	40	**100**	**1.5**
10		3CS4-24	Digital Electronics Lab	0	0	3		60	40	**100**	**1.5**
11	PSIT	3CS7-30	Industrial Training	0	0	1		60	40	**100**	**1**
12	SODECA	3CS8-00	Social Outreach, Discipline & Extra Curricular Activities							**100**	**0.5**
			Sub- Total	**0**	**0**	**13**					**7.5**
			TOTAL OF III SEMESTER	**17**	**0**	**13**					**24.5**

L: *Lecture,* ***T:*** *Tutorial,* ***P:*** *Practical,* ***Cr:*** *Credits*

ETE: *End Term Exam,* ***IA:*** *Internal Assessment*

Office of Dean Academic Affairs
Rajasthan Technical University, Kota

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme
B.Tech. : Computer Science & Engineering
3rd Year – V Semester

THEORY												
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	5CS3-01	Information Theory & Coding	2	0	0	3	30	70	**100**	**2**
2	PCC/ PEC	5CS4-02	Compiler Design	3	0	0	3	30	70	**100**	**3**
3		5CS4-03	Operating System	3	0	0	3	30	70	**100**	**3**
4		5CS4-04	Computer Graphics & Multimedia	3	0	0	3	30	70	**100**	**3**
6		5CS4-05	Analysis of Algorithms	3	0	0	3	30	70	**100**	**3**
7		Professional Elective 1: (any one)		2	0	0	3	30	70	**100**	**2**
		5CS5-11	Wireless Communication								
		5CS5-12	Human-Computer Interaction								
		5CS5-13	Bioinformatics								
			Sub Total	**16**	**0**	**0**					**16**
PRACTICAL & SESSIONAL												
8	PCC	5CS4-21	Computer Graphics & Multimedia Lab	0	0	2	2	60	40	**100**	**1**
9		5CS4-22	Compiler Design Lab	0	0	2	2	60	40	**100**	**1**
10		5CS4-23	Analysis of Algorithms Lab	0	0	2	2	60	40	**100**	**1**
11		5CS4-24	Advance Java Lab	0	0	2	2	60	40	**100**	**1**
12	PSIT	5CS7-30	Industrial Training	0	0	1		60	40	**100**	**2.5**
13	SODECA	5CS8-00	Social Outreach, Discipline &Extra Curricular Activities						100	**100**	**0.5**
			Sub- Total	**0**	**0**	**9**					**7**
			TOTAL OF V SEMESTER	**16**	**0**	**9**					**23**

L: *Lecture,* ***T:*** *Tutorial,* ***P:*** *Practical,* ***Cr:*** *Credits*
ETE: *End Term Exam,* ***IA:*** *Internal Assessment*

Office of Dean Academic Affairs
Rajasthan Technical University, Kota

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Scheme & Syllabus

IV Year- VII Semester: B. Tech. (Computer Science & Engineering)

Teaching & Examination Scheme
B.Tech. : Computer Science & Engineering
4th Year – VII Semester

SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
THEORY											
1	PCC	7CS4-01	Internet of Things	3	0	0	3	30	120	**150**	**3**
2	OE		Open Elective - I	3	0	0	3	30	120	**150**	**3**
			Sub Total	**6**	**0**	**0**	**6**	**60**	**240**	**300**	**6**
PRACTICAL & SESSIONAL											
3	PCC	7CS4-21	Internet of Things Lab	0	0	4	2	60	40	**100**	**2**
4	PCC	7CS4-22	Cyber Security Lab	0	0	4	2	60	40	**100**	**2**
6	PSIT	7CS7-30	Industrial Training	1	0	0				**125**	**2.5**
7	PSIT	7CS7-40	Seminar	2	0	0				**100**	**2**
8	SODECA	7CS8-00	Social Outreach, Discipline &Extra Curricular Activities							**25**	**0.5**
			Sub- Total	**0**	**0**	**10**	**4**	**120**	**80**	**450**	**9**
			TOTAL OF VII SEMESTER	**6**	**0**	**10**	**10**	**180**	**320**	**750**	**15**

L: *Lecture,* ***T:*** *Tutorial,* ***P:*** *Practical,* ***Cr:*** *Credits*
ETE: *End Term Exam,* ***IA:*** *Internal Assessment*

Office of Dean Academic Affairs
Rajasthan Technical University, Kota

7 PCE Teaching Scheme

Poornima College of Engineering, Jaipur
Department of Computer Engineering, Jaipur
Teaching Scheme of ODD Semester 2022-23 (CSE)

Working Group	Year	Sem	Students	Deptt.	Teaching Scheme				Course Name	Subject Code	No. of Sec	No. of Batches	Batch Size (T/H/F)	Total Load (L)	Total Load (T)	Total Load (P)	Total Load (L+T+P)	Teaching Dept.	Cat.
					L	T	P	Credit											
CS/IT	2	3	198	CSE	3	0	0	3	Advanced Engineering Mathematics	3CS2-01	3	9	F	9	0	0	9	Maths	BSC
CS/IT	2	3	198	CSE	2	0	0	2	Managerial Economics and Financial Accounting	3CS1-03	3	9	F	6	0	0	6	Humanities	HSMC
CS/IT	2	3	198	CSE	3	0	0	3	Digital Electronics	3CS3-04	3	9	F	9	0	0	9	ECE	ESC
CS/IT	2	3	198	CSE	3	0	0	3	Data Structures and Algorithms	3CS4-05	3	9	F	9	0	0	9	CS	PCC
CS/IT	2	3	198	CSE	3	0	0	3	Object Oriented Programming	3CS4-06	3	9	F	9	0	0	9	CS	PCC
CS/IT	2	3	198	CSE	3	0	0	3	Software Engineering	3CS4-07	3	9	F	9	0	0	9	CS	PCC
CS/IT	2	3	students	CSE	0	0	3	1.5	Data Structures and Algorithms Lab	3CS4-21	3	9	T	0	0	27	27	CS	PCC
CS/IT	2	3	198	CSE	0	0	3	1.5	Object Oriented Programming Lab	3CS4-22	3	9	T	0	0	27	27	CS	PCC
CS/IT	2	3	198	CSE	0	0	3	1.5	Software Engineering Lab	3CS4-23	3	9	T	0	0	27	27	CS	PCC
CS/IT	2	3	198	CSE	0	0	3	1.5	Digital Electronics Lab	3CS4-24	3	9	T	0	0	27	27	ECE	PCC
CS/IT	2	3	198	CSE	0	0	1	1	Industrial Training /NSP	3CS7-30	3	9	T	0	0	9	9	CS	PSIT
											TOTAL LOAD FOR II YEAR - III SEM						168		
CS/IT	3	5	221	CSE	3	0	0	2	Information Theory & Coding	5CS3-01	3	9	F	9	0	0	9	ECE	ESC
CS/IT	3	5	221	CSE	4	0	0	3	Compiler Design	5CS4-02	3	9	F	12	0	0	12	CS	PCC/ PEC
CS/IT	3	5	221	CSE	4	0	0	3	Operating System	5CS4-03	3	9	F	12	0	0	12	CS	PCC/ PEC
CS/IT	3	5	221	CSE	3	0	0	3	Computer Graphics & Multimedia	5CS4-04	3	9	F	9	0	0	9	CS	PCC/ PEC
CS/IT	3	5	221	CSE	4	0	0	3	Analysis of Algorithms	5CS4-05	3	9	F	12	0	0	12	CS	PCC/ PEC
CS/IT	3	5	221	CSE	2	0	0	2	Wireless Communication (Elective 1) / Human-Computer Interaction (Elective 2)	5CS5-11/ 5CS5-12/ 5CS5-13	3	9	F	6	0	0	6	ECE/CS (2 + 4)	PCC/ PEC
CS/IT	3	5	221	CSE	0	0	2	1	Computer Graphics & Multimedia Lab	5CS4-21	3	9	F	0	0	18	18	CS	PCC
CS/IT	3	5	221	CSE	0	0	2	1	Compiler Design Lab	5CS4-22	3	9	T	0	0	18	18	CS	PCC
CS/IT	3	5	221	CSE	0	0	2	1	Analysis of Algorithms Lab	5CS4-23	3	9	T	0	0	18	18	CS	PCC
CS/IT	3	5	221	CSE	0	0	2	1	Advance Java Lab	5CS4-24	3	9	T	0	0	18	18	CS	PCC
CS/IT	3	5	221	CSE	0	0	2	2.5	Industrial Training/NSP	5CS7-30	3	9	T	0	0	18	18	CS	PSIT
											TOTAL LOAD FOR III YEAR - V SEM						150		
CS/IT	4	7	210	CSE	3	0	0	3	Internet of Things	7CS4-01	3	9	F	9	0	0	9	CSE	PCC
CS/IT	4	7	210	CSE	3	0	0	3	Open Elective - I		2		F	6	0	0	6	CSE	OE
CS/IT	4	7	210	CSE	0	0	4	2	Internet of Things Lab	7CS4-21	3	9	T	0	0	36	36	CSE	PCC
CS/IT	4	7	210	CSE	0	0	4	2	Cyber Security Lab	7CS4-22	3	9	T	0	0	36	36	CSE	PCC
CS/IT	4	7	210	CSE	0	0	1	2.5	Industrial Training	7CS7-30	3	9	T	0	0	9	9	CSE	PSIT
CS/IT	4	7	210	CSE	0	0	2	2	Seminar	7CS7-40	3	9	T	0	0	18	18	CSE	PSIT
CS/IT	4	7	210	CSE			3		NSP		3	9	T	0	0	27	27	CSE	
											TOTAL LOAD FOR IV YEAR - VII SEM						141		
CS/IT	I	I							M. Tech (I sem)		Load; Till not clear about the Mtech addmission						0	CSE	
																	0		
CS/IT	3	5		ECE	2	0	0	2	Computer Architecture	5EC3-01	1	3	F	2	0	0	2	CSE	ESC
CS/IT	2	3		ECE	0	0	2	1	Computer Programming Lab-I	3EC3-24	1	3	T	0	0	6	6	CSE	ESC
											TOTAL LOAD IN OTHER DEPT						8		
																Total Load	467		

7.1 Marking Scheme

MARKING SCHEME FOR PRACTICAL EXAM, ODD SEM., 2021-22,		EXAM & SECRECY CELL, PCE									
		I+II Mid Term Exam			Atten & Performance.			End Term Exam			Max.
Code	SUBJECT	Exp.	Viva	Total	Attn.	Perf.	Total	Exp.	Viva	Total	Marks
1FY2-20	Engineering Physics Lab	30	10	40	10	30	40	30	10	40	100
1FY2-21	Engineering Chemistry Lab	30	10	40	10	30	40	30	10	40	100
1FY1-22	Language Lab	30	10	40	10	30	40	30	10	40	100
1FY1-23	Human Values Activities & Sports	30	10	40	10	30	40	30	10	40	100
1FY3-24	Computer Programming Lab	30	10	40	10	30	40	30	10	40	100
1FY3-25	Manufacturing Practices Workshop	30	10	40	10	30	40	30	10	40	100
1FY3-26	Basic Electrical Engineering Lab	30	10	40	10	30	40	30	10	40	100
1FY3-27	Basic Civil Engineering Lab	30	10	40	10	30	40	30	10	40	100
1FY3-28	Computer Aided Engineering Graphics	30	10	40	10	30	40	30	10	40	100
1FY3-29	Computer Aided Machine Drawing	30	10	40	10	30	40	30	10	40	100
3CE4-21	Surveying Lab	30	10	40	10	30	40	30	10	40	100
3CE4-22	Fluid Mechanics Lab	30	10	40	10	30	40	30	10	40	100
3CE4-23	Computer Aided Civil Engineering Drawing	30	10	40	10	30	40	30	10	40	100
3CE4-24	Civil Engineering Maretials Lab	30	10	40	10	30	40	30	10	40	100
3CE4-25	Geology Lab	30	10	40	10	30	40	30	10	40	100
3CE7-30	Training Seminar			60					40		100
3CS4-21	Data Structures and Algorithms Lab	30	10	40	10	30	40	30	10	40	100
3CS4-22	Object Oriented Programming Lab	30	10	40	10	30	40	30	10	40	100
3CS4-23	Software Engineering Lab	30	10	40	10	30	40	30	10	40	100
3CS4-24	Digital Electronics Lab	30	10	40	10	30	40	30	10	40	100
3CS7-30	Training Seminar			60					40		100
3EC4-21	Electronics Devices Lab	30	10	40	10	30	40	30	10	40	100
3EC4-22	Digital System Design Lab	30	10	40	10	30	40	30	10	40	100
3EC4-23	Signal Processing Lab	30	10	40	10	30	40	30	10	40	100
3EC3-24	Computer Programming Lab-I	30	10	40	10	30	40	30	10	40	100
3EC7-30	Training Seminar			60					40		100
3EE4-21	Analog Electronics Lab	30	10	40	10	30	40	30	10	40	100
3EE4-22	Electrical Machine-I Lab	30	10	40	10	30	40	30	10	40	100
3EE4-23	Electrical circuit design Lab	30	10	40	10	30	40	30	10	40	100
3EE7-30	Training Seminar			30					20		100
3IT4-21	Data Structures and Algorithms Lab	30	10	40	10	30	40	30	10	40	100
3IT4-22	Object Oriented Programming Lab	30	10	40	10	30	40	30	10	40	100
3IT4-23	Software Engineering Lab	30	10	40	10	30	40	30	10	40	100
3IT4-24	Digital Electronics Lab	30	10	40	10	30	40	30	10	40	100
3IT7-30	Training Seminar			60					40		100
3ME4-21	Machine drawing practice	30	10	40	10	30	40	30	10	40	100
3ME4-22	Materials Testing Lab	30	10	40	10	30	40	30	10	40	100
3ME4-23	Basic Mechanical Engineering Lab	30	10	40	10	30	40	30	10	40	100
3ME4-24	Programming using MAT LAB	30	10	40	10	30	40	30	10	40	100
3ME7-30	Training Seminar			60					40		100
5CE4-21	Concrete Structures Design	22	8	30	8	22	30	22	8	30	75
5CE4-22	Geotechnical Engineering Lab	22	8	30	8	22	30	22	8	30	75
5CE4-23	Water Resource Engineering Design	15	5	20	5	15	20	15	5	20	50
5CE7-30	Industrial Training			75					50		125
5CS4-21	Computer Graphics & Multimedia Lab	15	5	20	5	15	20	15	5	20	50
5CS4-22	Compiler Design Lab	15	5	20	5	15	20	15	5	20	50
5CS4-23	Analysis of Algorithms Lab	15	5	20	5	15	20	15	5	20	50
5CS4-24	Advance Java Lab	15	5	20	5	15	20	15	5	20	50
5CS7-30	Industrial Training			75					50		125
5EC4-21	RF Simulation Lab	22	8	30	8	22	30	22	8	30	75
5EC4-22	Digital Signal Processing Lab	22	8	30	8	22	30	22	8	30	75
5EC4-23	Microwave Lab	15	5	20	5	15	20	15	5	20	50
5EC7-30	Industrial Training			75					50		125
5EE4-21	Power System - I Lab	15	5	20	5	15	20	15	5	20	50
5EE4-22	Control System Lab	15	5	20	5	15	20	15	5	20	50
5EE4-23	Microprocessor Lab	15	5	20	5	15	20	15	5	20	50
5EE4-24	System Programming Lab	15	5	20	5	15	20	15	5	20	50
5EE7-30	Industrial Training			75					50		125
5IT4-21	Computer Graphics & Multimedia Lab	15	5	20	5	15	20	15	5	20	50
5IT4-22	Compiler Design Lab	15	5	20	5	15	20	15	5	20	50
5IT4-23	Analysis of Algorithms Lab	15	5	20	5	15	20	15	5	20	50
5IT4-24	Advanced Java Lab	15	5	20	5	15	20	15	5	20	50
5IT7-30	Industrial Training			75					50		125
5ME3-21	Mechatronic Lab	15	5	20	5	15	20	15	5	20	50
5ME4-22	Heat Transfer lab	15	5	20	5	15	20	15	5	20	50
5ME4-23	Production Engineering Lab	15	5	20	5	15	20	15	5	20	50
5ME4-24	Machine Design Practice I	15	5	20	5	15	20	15	5	20	50
5ME7-30	Industrial Training			75					50		125
7CE4-21	Road Material Testing Lab	15	5	20	5	15	20	15	5	20	50
7CE4-22	Professional Practices & Field Engineering	15	5	20	5	15	20	15	5	20	50
7CE4-23	Soft Skills Lab	15	5	20	5	15	20	15	5	20	50
7CE4-24	Environmental Monitoring and Design Lab	15	5	20	5	15	20	15	5	20	50
7CE7-30	Practical Training			75					50		125
7CE7-40	Seminar			60					40		100
7CS4-21	Internet of Things Lab	30	10	40	10	30	40	30	10	40	100
7CS4-22	Cyber Security Lab	30	10	40	10	30	40	30	10	40	100
7CS7-30	Industrial Training			75					50		125
7CS7-40	Seminar			60					40		100
7EC4-21	VLSI Design Lab	30	10	40	10	30	40	30	10	40	100
7EC4-22	Advance communication lab (MATLAB	15	5	20	5	15	20	15	5	20	50
7EC4-23	Optical Communication Lab	15	5	20	5	15	20	15	5	20	50
7EC7-30	Industrial Training			75					50		125
7EC7-40	Seminar			60					40		100
7EE4-21	Embedded Systems Lab	30	10	40	10	30	40	30	10	40	100
7EE4-22	Advance control system lab	30	10	40	10	30	40	30	10	40	100
7EE7-30	Industrial Training			75					50		125
7EE7-40	Seminar			60					40		100
7IT4-21	Big Data Analytics Lab	30	10	40	10	30	40	30	10	40	100
7IT4-22	Cyber Security Lab	30	10	40	10	30	40	30	10	40	100
7IT7-30	Industrial Training			75					50		125
7IT7-40	Seminar			60					40		100
7ME4-21	FEA Lab	22	8	30	8	22	30	22	8	30	75
7ME4-22	Thermal Engineering Lab II	22	8	30	8	22	30	22	8	30	75
7ME4-23	Quality Control Lab	15	5	20	5	15	20	15	5	20	50
7ME7-30	Industrial Training *			75					50		125
7ME7-40	Seminar *			60					40		100

NOTE: - (1) In Attendance & Performance marks should be given on the basis of student overall performance in semester i. e. continuous evaluation.
(2) In Common Pool marks should be given by HOD on the basis of student Assignment,Non Syllabus Activity,Online Exam Exam,Application/Survey / Case Study based Learning, Pre-Placement Activity, Department Level Career Oriented Activities through out the semester.

8 Department Load Allocation

9. Time Table

9.1 Academic Time Table

POORNIMA COLLEGE OF ENGINEERING, JAIPUR										
Department of Computer Engineering										
Load Sheet of Session 2023-24 (ODD Semester)										
Sr.No.	**EMP. ID**	**Faculty Name**	**Subject(s)**	**Subject Code**	**Section**	**L**	**T**	**P**	**Load Per Week**	**Total Load**
1	4548	Dr. Veena Yadav	Computer Graphics & Multimedia	5CAI4-04	D	3	0	0	3	10
			Computer Graphics & Multimedia Lab	5CAI4-21	D	0	0	2	4	
			Computer Architecture	5EC3-01	ECE-DEPT	3	0	0	3	
2	6148	Ms. Neha Shrotriya	Compiler Design	5CS4-02	A	3	0	0	4	17
			Compiler Design Lab	5CS4-22	A	0	0	2	4	
			Data Structures and Algorithms	3CAI4-05	D	0	0	3	3	
			Data Structures and Algorithms Lab	3CAI4-21	D	0	0	3	6	
3	6179	Dr. Nikita Jain	Industrial Training	3CYB7-30	F	0	0	1	1	16
			Industrial Training	3CSR7-30	R	0	0	1	1	
			Internet of Things	7CS4-01	B	4	0	0	4	
			Internet of Things Lab	7CS4-21	B	0	0	8	8	
4	6242	Mr. Manish Dubey	Cyber Security Lab	7CS4-22	C1	0	0	4	4	14
			Computer Graphics & Multimedia	5CS4-04	C	3	0	0	3	
			Computer Graphics & Multimedia Lab	5CS4-21	C	0	0	2	4	
			Digital Forensics and Incident Response (Elective)	5CCS5-12	F (Group 1)	3	0	0	3	
5	6857	Ms. Harshita Virwani	Operating Systems	5CS4-03	A	4	0	0	4	19
			Object Oriented Programming	3CS4-06	A	3	0	0	3	
			Object Oriented Programming Lab	3CS4-22	A	0	0	3	6	
			Operating Systems	5CAI-03	D	4	0	0	4	
			NSP- 7CS7-PROJECT	7CS7-50	A1	0	0	2	2	
6	6875	Ms. Barkha Narang	Object Oriented Programming	3CS4-06	C	3	0	0	3	21
			Object Oriented Programming Lab	3CS4-22	C	0	0	3	6	
			Analysis Of Algorithm	5CS4-05	A	3	0	0	4	

			Analysis Of Algorithm Lab	**5CS4-23**	**A**	**0**	**0**	**2**	**4**	
7	**6877**	**Ms. Archana Soni**	**Software Engineering**	**3CCS4-07**	**F**	**3**	**0**	**0**	**3**	**19**
			Software Engineering Lab	**3CCS4-23**	**F**	**0**	**0**	**3**	**6**	
			Computer Graphics & Multimedia	**5CAI4-04**	**F**	**3**	**0**	**0**	**3**	
			Computer Graphics & Multimedia Lab	**5CAI4-21**	**F**	**0**	**0**	**2**	**4**	
			Industrial Training	**5CCS7-30**	**F**	**0**	**0**	**1**	**1**	
			Adv Java Lab	**5CCS4-24**	**D2**	**0**	**0**	**2**	**2**	
8	**7017**	**Dr. Surender Hans**	**Digital Electronics**	**3CS3-04**	**B**	**3**	**0**	**0**	**3**	**20**
			Digital Electronics Lab	**3CS4-24**	**B**	**0**	**0**	**2**	**4**	
			Digital Electronics	**3CAI-24**	**D**	**3**	**0**	**0**	**3**	
			Digital Electronics Lab	**3AI4-04**	**D**	**0**	**0**	**2**	**4**	
9	**7111**	**Dr. Abhishek Sharma**	**Internet of Things**	**7CS4-01**	**C**	**4**	**0**	**0**	**4**	**15**
			Internet of Things Lab	**7CS4-21**	**C**	**0**	**0**	**8**	**8**	
			Cyber Space Operations and Design	**5CCS5-11 (Elective)**	**F (Group 2)**	**3**	**0**	**0**	**3**	
10	**7129**	**Mr. Shirish Mohan Dubey**	**Object Oriented Programming**	**3CS4-06**	**B**	**0**	**0**	**3**	**3**	**15**
			Object Oriented Programming Lab	**3CS4-22**	**B**	**0**	**0**	**3**	**6**	
			Fundamentals of Blockchain	**5CAI5-11**	**Group**	**3**	**0**	**0**	**3**	
			Industrial Training	**5CS7-30**	**C**	**0**	**0**	**1**	**1**	
			Adv Java Lab	**5CAI4-24**	**D1**	**0**	**0**	**2**	**2**	
11	**7208**	**Ms. Geeta Tiwari**	**Data Structures and Algorithms**	**3CSR4-05**	**R**	**3**	**0**	**0**	**3**	**17**
			Data Structures and Algorithms Lab	**3CSR4-21**	**R**	**0**	**0**	**3**	**6**	
			Compiler Design	**5CS4-02/**	**B**	**3**	**0**	**0**	**4**	
			Compiler Design Lab	**5CS4-22**	**B**	**0**	**0**	**2**	**4**	
12	**7227**	**Ms. Shilpa Kalra Sahani**	**Object Oriented Programming**	**3CS4-06**	**R**	**3**	**0**	**0**	**3**	**17**
			Object Oriented Programming Lab	**3CS4-22**	**R**	**0**	**0**	**3**	**6**	
			Analysis Of Algorithm	**5CS4-05**	**B**	**3**	**0**	**0**	**4**	
			Analysis Of Algorithm Lab	**5CS4-23**	**B**	**0**	**0**	**2**	**4**	
13	**7266**	**Mr. Saransh Sharma**	**Analysis Of Algorithm**	**5AID4-05**	**E**	**3**	**0**	**0**	**4**	**17**
			Analysis Of Algorithm Lab	**5AID4-23**	**E**	**0**	**0**	**2**	**4**	
			Data Structures and Algorithms	**3CCS4-05**	**F**	**3**	**0**	**0**	**3**	
			Data Structures and Algorithms Lab	**3CCS4-21**	**F**	**0**	**0**	**3**	**6**	
14	**7271**	**Mr. Devendra Nath Pathak**	**Data Structures and Algorithms**	**3CS4-05**	**C**	**3**	**0**	**0**	**3**	**17**
			Data Structures and Algorithms Lab	**3CS4-21**	**C**	**0**	**0**	**3**	**6**	
			Analysis Of Algorithm	**5CAI4-05**	**D**	**3**	**0**	**0**	**4**	
			Analysis Of Algorithm Lab	**5CAI4-23**	**D**	**0**	**0**	**2**	**4**	

24	7509	MS. ANJALI SINGH	Software Engineering Lab	3CS4-23	C	0	0	3	6	13
			Computer Graphics & Multimedia	5CS4-04	B	3	0	0	3	
			Computer Graphics & Multimedia Lab	5CS4-21	B	0	0	2	4	
25	1133	Ms. GARIMA ANGIRA	Software Engineering Lab	3CAI4-07/3CAI4-23	D	0	0	3	6	13
			Wireless Communication	5CS5-11	BATCH-1-	3	0	0	3	
			Seminar	7CS7-40	C2		0	4	4	
			Industrial Training	5CS7-30	B	0	0	1	1	
			Industrial Training	3CS7-30	C	0	0	1	1	
26	6149	MS. UPMA KUMARI	Information Theory & Coding	5CS3-01	C	3	0	0	3	16
			Information Theory & Coding	5CS3-01	B	3	0	0	3	
			Industrial Training	7CS7-30	A	0	0	4	4	
			Information Theory & Coding	5CS3-01	A	3	0	0	3	
			Information Theory & Coding	5CCS3-01	F	3	0	0	3	
27	1293	MR. AMITESH KUMAR	Adv Java Lab	5CS4-24	B	0	0	4	4	16
			Adv Java Lab	5CS4-24	F	0	0	2	4	
			Quality Management/ISO 9000	7CS6.60.1	Group 1	4	0	0	4	
			Operating Systems	5CS4-03	C	4	0	0	4	
28	8532	DR. AMIT PANDEY	Data MiningConcepts and Techniques	5AID3-01	E(AIDS)	3	0	0	3	15
			Industrial Training	7CS7-30	C	0	0	2	4	
			Adv Java Lab	5CS4-24	C	0	0	4	4	
			Cyber Security Lab	7CS4-22	C2	0	0	4	4	

ODD WEEK

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-A

Class Location: AB-I (1104)
WEF: 15.08.2023
Tutor Name:Ms. Chitra Thinger

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	CRT				**3CS2-01 AEM** Dr.Shuchi Dave	**3CS3-04 DE** Dr. Geetika Mathur	**3CS1-03 MEFA** Dr. Prince Dawar
Tues	BATCH-A1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Mr.Rohit Singh BATCH-A2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-II (2209F) Ms. Harshita Virwani				BATCH-A1 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger BATCH-A2 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1109) Dr. Geetika Mathur		
Wed	BATCH-A1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1107) Ms. Harshita Virwani BATCH-A2 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger				**3CS7-30 Ind. Training** Ms.Shilpa Kalra	**3CS1-03 MEFA** Dr. Prince Dawar	**3CS2-01 AEM** Dr.Shuchi Dave
Thur	BATCH-A1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1107) Ms. Harshita Virwani BATCH-A2 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger				BATCH-A1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Mr.Rohit Singh BATCH-A2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1210C) Ms. Harshita Virwani		
Fri	BATCH-A1 **3CS2-01 AEM Tut** Dr.Shuchi Dave BATCH-A2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Mr.Rohit Singh	BATCH-A1 **3CS3-04/3CS4-24 DE/DE LAB** Dr. Geetika Mathur			BATCH-A1 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger BATCH-A2 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1110) NF-2C		BATCH-A2 **3CS2-01 AEM Tut** AB-I (1209- A) Dr.Shuchi Dave
Sa	BATCH-A1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1109) Dr. Geetika Mathur BATCH-A2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1201-A) Mr.Rohit Singh				**3CS2-01 AEM** Dr.Shuchi Dave	**3CS7-30 Ind. Training** Ms.Shilpa Kalra	**NSP/Library** Dr. Rajesh Kumar Bathija

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-B

Class Location: AB-I (1105)
WEF: 15.08.2023
Tutor Name: Ms. Harshita Virwani

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	CRT				BATCH B1 **3CS4-07/3CS4-23 SE/SE LAB** NF 1 BATCH B2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Dr.Abhishek Sharma		
Tues	BATCH B1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1109) Dr. Surendra Hans BATCH B2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1110) Mr. Shirish Mohan Dubey		BATCH B1 **3CS2-01 AEM Tut** Dr.Shuchi Dave		**3CS3-04 DE** NF-2F	**3CS2-01 AEM** Dr.Shuchi Dave	**3CS1-03 MEFA** Dr. Prince Dawar
Wed	**3CS7-30 Ind. Training** NF-2C	**3CS2-01 AEM** Dr.Shuchi Dave	**3CS1-03 MEFA** Dr. Prince Dawar		BATCH B1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1110) Mr. Shirish Mohan Dubey BATCH B2 **3CS2-01 AEM Tut** Dr.Shuchi Dave	BATCH B2 **3CS3-04/3CS4-24 DE/DE LAB** Dr. Surendra Hans	
Thur	BATCH B1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Dr.Abhishek Sharma BATCH B2 **3CS3-04/3CS4-24 DE/DE LAB** Dr. Surendra Hans				BATCH B1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1201-A) Dr.Abhishek Sharma BATCH B2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1107) Mr. Shirish Mohan Dubey		
Fri	BATCH B1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1201-A) Mr. Shirish Mohan Dubey BATCH B2 **3CS4-07/3CS4-23 SE/SE LAB** NF 1				BATCH B1 **3CS4-07/3CS4-23 SE/SE LAB** NF 1 BATCH B2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Dr.Abhishek Sharma		
Sa	BATCH B1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1110) Dr. Surendra Hans BATCH B2 **3CS4-07/3CS4-23 SE/SE LAB** NF 1				**NSP/Library** Dr. Rajesh Kumar Bathija	**3CS2-01 AEM** Dr.Shuchi Dave	**3CS7-30 Ind. Training** NF-2C

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-C

Class Location: AB-II (2103)
WEF: 15.08.2023
Tutor Name: Mr. Devendra Nath Pathak

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	**3CS7-30 Ind. Training** NF-2E	**3CS1-03 MEFA** Dr. Prince Dawar	**3CAI2-01 AEM** Dr.Shilpi Jain		BATCH C1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1109) Ms. Anjuli Dubey BATCH C2 **3CS4-06/3CS4-22 OOP/OOP LAB** NF 2		
Tues	CRT				BATCH C1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1110) Ms. Anjuli Dubey BATCH C2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1201-A) Mr.Devendra Nath Pathak	BATCH C1 **3CS2-01 AEM Tut** Dr.Shilpi Jain	
Wed	BATCH C1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Mr.Devendra Nath Pathak BATCH C2 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya				BATCH C1 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya BATCH C2 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1209) Ms. Anjuli Dubey		
Thur	BATCH C1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1209) NF 2 BATCH C2 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya				BATCH C1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-II (2209F) NF 2 BATCH C2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Mr.Devendra Nath Pathak		
Fri	BATCH C1 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya BATCH C2 **3CS3-04 DE** LAB - AB-I (1110) Ms. Anjuli Dubey	BATCH C2 **3CAI2-01 AEM tut** AB-I (1209- A) Dr.Shilpi Jain			BATCH C1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Mr.Devendra Nath Pathak BATCH C2 **3CS4-06/3CS4-22 OOP/OOP LAB** NF 2		
Sa	**3CS7-30 Ind. Training** NF-2E	**3CS3-04 DE** Ms. Anjuli Dubey	**3CAI2-01 AEM** Dr.Shilpi Jain		**3CS1-03 MEFA** Dr. Prince Dawar	**3CAI2-01 AEM** Dr.Shilpi Jain	**NSP/Library** Ms.Sonam Gour

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-R

Class Location: AB-II (2208)
WEF: 15.08.2023
Tutor Name: Ms. Anjali Singh

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	BATCH-R1 **3CSR4-05/3CSR4-21 DSA/DSA LAB** LAB - AB-I (1203) NF-2A BATCH-R2 **3CSR4-07/3CSR4-23 SE/SE LAB** NF-2B				**3CSR7-30 INDUSTRIAL TRAINING** NF-2E	**3CS2-01 AEM** Dr.Shilpi Jain	**NSP/Library** Ms Archana Soni
Tues	BATCH-R1 **3CSR4-05/3CSR4-21 DSA/DSA LAB** LAB - AB-II (2209E) NF-2A BATCH-R2 **3CSR4-06/3CSR4-22 OOP/OOP LAB** Ms.Shilpa Kalra				BATCH-R1 **3CSR3-04/3CSR4-24 DE/DE LAB** LAB - AB-I (1108) Ms.Sonam Gour BATCH-R2 **3CSR4-06/3CSR4-22 OOP/OOP LAB** Ms.Shilpa Kalra		
Wed	**3CSR7-30 INDUSTRIAL TRAINING** NF-2E	**3CS1-03 MEFA** Dr. Prince Dawar	**3CS2-01 AEM** Dr.Shilpi Jain		BATCH-R1 **3CSR4-07/3CSR4-23 SE/SE LAB** LAB - AB-I (1208) Dr. Nikita Jain BATCH-R2 **3CSR3-04/3CSR4-24 DE/DE LAB** Ms.Sonam Gour	BATCH-R2 **3CS2-01 AEM Tut** Dr.Shilpi Jain	
Thur	CRT				BATCH-R1 **3CSR4-06/3CSR4-22 OOP/OOP LAB** LAB - AB-II (2209E) Ms.Shilpa Kalra BATCH-R2 **3CSR3-04/3CSR4-24 DE/DE LAB** Ms.Sonam Gour		
Fri	BATCH-R1 **3CSR4-07/3CSR4-23 SE/SE LAB** LAB - AB-I (1207) Dr. Nikita Jain BATCH-R2 **3CSR4-07/3CSR4-23 SE/SE LAB** NF-2B				BATCH-R1 **3CSR3-04/3CSR4-24 DE/DE LAB** LAB - AB-I (1109) Ms.Sonam Gour	BATCH-R1 **3CS2-01 AEM Tut** Dr.Shilpi Jain	
Sa	BATCH-R1 **3CSR4-06/3CSR4-22 OOP/OOP LAB** LAB - AB-I (1207) Ms.Shilpa Kalra BATCH-R2 **3CSR4-05/3CSR4-21 DSA/DSA LAB** LAB - AB-I (1209) NF-2A				BATCH-R2 **3CSR4-05/3CSR4-21 DSA/DSA LAB** LAB - AB-I (1202) NF-2A		
					3CS2-01 AEM Dr.Shilpi Jain	**3CS3-04 DE** Ms.Sonam Gour	**3CS1-03 MEFA** Dr. Prince Dawar

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-A

Class Location: AB-I (1204)
WEF: 15.08.2023
Tutor Name: Ms. Sonam Gour

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH A1 **5CS4-04/5CS4-21CGM/CGM LAB** NF 2 BATCH A2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Barkha Narang			CRT		
Tues	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH A1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1101A) Ms.Neha Shrotriya BATCH A2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Barkha Narang			**5CS7-30 IND. TRAINING** NF-2D	**5CS4-03 OS** Ms.Apoorva Bansal	**5CS3-01 ITC** Ms.Barkha Narang
Wed	**5CS4-04 CGM** NF-2G	BATCH A1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Barkha Narang BATCH A2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1210C) Ms. Anjuli Dubey			**5CS4-04 CGM** NF-2G	BATCH A1 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH A2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1102) NF-2F	
Thur	**5CS3-01 ITC** Ms.Barkha Narang	**5CS7-30 IND. TRAINING** NF-2D	**5CS4-03 OS** Ms.Apoorva Bansal		**5CS4-03 OS** Ms.Apoorva Bansal	**5CS3-01 ITC** Ms.Barkha Narang	**5CS4-03 OS** Ms.Apoorva Bansal
Fri	BATCH A1 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH A2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1102) NF-2F	**NSP/Library** NF-2D			BATCH A1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Ms.Barkha Narang BATCH A2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1210C) Ms. Anjuli Dubey	**NSP/Library** NF-2D	
Sa	BATCH A1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1101A) Ms.Neha Shrotriya BATCH A2 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1107) Ms.Geeta Tiwari	**5CS3-01 ITC** Ms.Barkha Narang			BATCH A1 **5CS4-04/5CS4-21CGM/CGM LAB** NF 2 BATCH A2 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1107) Ms.Geeta Tiwari	**5CS4-04 CGM** NF-2G	

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-B

Class Location: AB-I (1203)
WEF: 15.08.2023
Tutor Name: Ms. Geeta Tiwari

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH B1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1108) Ms Archana Soni BATCH B2 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1107) NF3			CRT		
Tues	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH B1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1107) Mr. Shubham Patel BATCH B2 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1108) NF3			**5CS7-30 IND. TRAINING** Dr. Surendra Hans	**5CS4-04 CGM** Mr. Manish Dubey	**5CS3-01 ITC** Mr.Saransh Sharma
Wed	**5CS4-03 OS** Mr. Shubham Patel	BATCH B1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1108) Ms Archana Soni BATCH B2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1209) Mr. Manish Dubey			**5CS4-04 CGM** Mr. Manish Dubey	**NSP/Library** Ms.Shilpa Kalra	**5CS3-01 ITC** Mr.Saransh Sharma
Thur	BATCH B1 **5CS4-24 ADV JAVA LAB** NF-2E BATCH B2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1101A) Mr. Manish Dubey	**5CS4-03 OS** Mr. Shubham Patel			**5CS3-01 ITC** Mr.Saransh Sharma	BATCH B1 **5CS4-04/5CS4-21CGM/CGM LAB** Mr. Manish Dubey BATCH B2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Mr. Shubham Patel	
Fri	**5CS4-03 OS** Mr. Shubham Patel	**5CS7-30 IND. TRAINING** Dr. Surendra Hans	**5CS3-01 ITC** Mr.Saransh Sharma		**5CS4-03 OS** Mr. Shubham Patel	BATCH B1 **5CS4-04/5CS4-21CGM/CGM LAB** Mr. Manish Dubey BATCH B2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1102) Ms Archana Soni	
Sa	BATCH B1 **5CS4-05/5CS4-23AOA/AOA LAB** Mr. Shubham Patel BATCH B2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1102) Ms Archana Soni	**5CS4-04 CGM** Mr. Manish Dubey			BATCH B1 **5CS4-24 ADV JAVA LAB** NF-2E BATCH B2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Mr. Shubham Patel	**NSP/Library** Ms.Shilpa Kalra	

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-C

Class Location: AB-II (2203)
WEF: 15.08.2023
Tutor Name: Mr. Shirish Mohan Dubey

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH C1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH C2 **5CS4-24 ADV JAVA LAB** Mr. Shirish Mohan Dubey			**5CS4-04 CGM** Dr. Geetika Mathur	**5CS7-30 IND. TRAINING** Dr. Surendra Hans	**NSP/Library** Mr.Devendra Nath Pathak
Tues	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH C1 **5CS4-04/5CS4-21CGM/CGM LAB** Dr. Geetika Mathur BATCH C2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1203) Dr. Rajesh Kumar Bathija			CRT		
Wed	**5CS4-04 CGM** Dr. Geetika Mathur	BATCH C1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH C2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1110) Dr. Rajesh Kumar Bathija			**5CS4-03 OS** Ms. Harshita Virwani	BATCH C1 **5CS4-04/5CS4-21CGM/CGM LAB** Dr. Geetika Mathur BATCH C2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1107) NF 1	
Thur	**5CS3-01 ITC** Ms Archana Soni	BATCH C1 **5CS4-24 ADV JAVA LAB** NF-2B BATCH C2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Geeta Tiwari			**5CS3-01 ITC** Ms Archana Soni	BATCH C1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1108) Dr. Rajesh Kumar Bathija BATCH C2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1102) NF 1	
Fri	**5CS4-04 CGM** Dr. Geetika Mathur	**5CS4-03 OS** Ms. Harshita Virwani	**5CS7-30 IND. TRAINING** Dr. Surendra Hans		**5CS4-03 OS** Ms. Harshita Virwani	BATCH C1 **5CS4-24 ADV JAVA LAB** NF-2B BATCH C2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1107) Ms.Geeta Tiwari	
Sa	BATCH C1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1108) Dr. Rajesh Kumar Bathija BATCH C2 **5CS4-24 ADV JAVA LAB** Mr. Shirish Mohan Dubey		**5CS3-01 ITC** Ms Archana Soni		**5CS4-03 OS** Ms. Harshita Virwani	**5CS3-01 ITC** Ms Archana Soni	**NSP/Library** Mr.Devendra Nath Pathak

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-A

Class Location: AB-II (2208)
WEF: 15.08.2023
Tutor Name: Mr. Rohit Singh Rajput

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	**OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-A1 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta BATCH-A2 **7CS4-21 IOT LAB** LAB - AB-I (1201-A) Mr. Shubham Patel			BATCH-A1 **7CS7-40 SEMINAR** Dr.Veena Yadav BATCH-A2 **7CS7-30 Industrial Training** LAB - AB-I (1203) Mr.Saransh Sharma		**7CS4-01 IOT** NF-2B
Tues	**OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-A1 **7CS4-21 IOT LAB** LAB - AB-I (1201-A) Mr. Manish Dubey BATCH-A2 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta			BATCH-A1 **7CS7-30 Industrial Training** LAB - AB-I (1203) Mr.Saransh Sharma BATCH-A2 **7CS7-40 SEMINAR** Dr.Veena Yadav		**7CS4-01 IOT** NF-2B
Wed	**OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-A1 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta BATCH-A2 **7CS4-21 IOT LAB** LAB - AB-I (1202) Mr. Shubham Patel			**7CS4-01 IOT** NF-2B	BATCH-A1 **7CS4-21 IOT LAB** LAB - AB-I (1202) Mr. Manish Dubey BATCH-A2 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta	
Thur							
Fri							
Sa							

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-B

Class Location: AB-II (2208-A)
WEF: 15.08.2023
Tutor Name: Ms. Barkha Narang

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-B1 **7CS4-22 C.S Lab** LAB - AB-I (1208) Mr.Saransh Sharma BATCH-B2 **7CS4-21 IOT LAB** NF-2F			**7CS4-01 IOT** NF-2B	BATCH-B1 **7CS7-30 Industrial Training** LAB - AB-I (1202) NF-2E BATCH-B2 **7CS7-40 SEMINAR** Dr. Ajay Kumar Khunteta	
Tues	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-B1 **7CS4-21 IOT LAB** LAB - AB-I (1208) Ms. Chitra Thinger BATCH-B2 **7CS4-22 C.S Lab** Mr.Saransh Sharma			**7CS4-01 IOT** NF-2B	BATCH-B1 **7CS7-40 SEMINAR** Dr. Ajay Kumar Khunteta BATCH-B2 **7CS7-30 Industrial Training** LAB - AB-I (1202) NF-2G	
Wed	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-B1 **7CS4-22 C.S Lab** LAB - AB-I (1208) Mr.Saransh Sharma BATCH-B2 **7CS4-21 IOT LAB** NF-2F			BATCH-B1 **7CS4-21 IOT LAB** LAB - AB-I (1201-A) Ms. Chitra Thinger BATCH-B2 **7CS4-22 C.S Lab** Mr.Saransh Sharma		**7CS4-01 IOT** NF-2B
Thur							
Fri							
Sa							

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-C

Class Location: AB-I (1209-A)
WEF: 15.08.2023
Tutor Name: Ms. Neha Shrotriya

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH C1 **7CS4-22 C.S Lab** LAB - AB-I (1110) NF-2E BATCH C2 **7CS4-21 IOT LAB** Dr. Nikita Jain			**7CS4-01 IOT** NF-2A	BATCH C1 **7CS4-21 IOT LAB** Dr. Nikita Jain BATCH C2 **7CS4-22 C.S Lab** LAB - AB-I (1201-A) Ms.Sonam Gour	
Tues	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH C1 **7CS4-21 IOT LAB** Dr. Nikita Jain BATCH C2 **7CS4-22 C.S Lab** LAB - AB-I (1202) Ms.Sonam Gour			BATCH C1 **7CS7-30 Industrial Training** Mr.Rohit Singh BATCH C2 **7CS7-40 SEMINAR** LAB - AB-I (1110) Ms.Barkha Narang		**7CS4-01 IOT** NF-2A
Wed	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH C1 **7CS4-22 C.S Lab** LAB - AB-I (1201-A) NF-2E BATCH C2 **7CS4-21 IOT LAB** Dr. Nikita Jain			BATCH C1 **7CS7-40 SEMINAR** Ms.Barkha Narang BATCH C2 **7CS7-30 Industrial Training** LAB - AB-I (1210C) Mr.Rohit Singh		**7CS4-01 IOT** NF-2A
Thur							
Fri							
Sa							

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

EVEN WEEK

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-A

Class Location: AB-I (1104)
WEF: 15.08.2023
Tutor Name:Ms. Chitra Thinger

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	CRT				**3CS2-01 AEM** Dr.Shuchi Dave	**3CS3-04 DE** Dr. Geetika Mathur	**3CS1-03 MEFA** Dr. Prince Dawar
Tues	BATCH-A1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Mr.Rohit Singh				BATCH-A1 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger		
	BATCH-A2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-II (2209F) Ms. Harshita Virwani				BATCH-A2 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1109) Dr. Geetika Mathur		
Wed	BATCH-A1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1107) Ms. Harshita Virwani				**3CS7-30 Ind. Training** Ms.Shilpa Kalra	**3CS1-03 MEFA** Dr. Prince Dawar	**3CS2-01 AEM** Dr.Shuchi Dave
	BATCH-A2 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger						
Thur	BATCH-A1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1107) Ms. Harshita Virwani				BATCH-A1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Mr.Rohit Singh		
	BATCH-A2 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger				BATCH-A2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1210C) Ms. Harshita Virwani		
Fri	BATCH-A1 **3CS2-01 AEM Tut** Dr.Shuchi Dave	BATCH-A1 **3CS3-04/3CS4-24 DE/DE LAB** Dr. Geetika Mathur			BATCH-A1 **3CS4-07/3CS4-23 SE/SE LAB** Ms. Chitra Thinger		
	BATCH-A2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Mr.Rohit Singh				BATCH-A2 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1110) NF-2C	BATCH-A2 **3CS2-01 AEM Tut** AB-I (1209- A) Dr.Shuchi Dave	

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-B

Class Location: AB-I (1105)
WEF: 15.08.2023
Tutor Name: Ms. Harshita Virwani

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	CRT				BATCH B1 **3CS4-07/3CS4-23 SE/SE LAB** NF 1		
					BATCH B2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Dr.Abhishek Sharma		
Tues	BATCH B1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1109) Dr. Surendra Hans		BATCH B1 **3CS2-01 AEM Tut** Dr.Shuchi Dave		**3CS3-04 DE** NF-2F	**3CS2-01 AEM** Dr.Shuchi Dave	**3CS1-03 MEFA** Dr. Prince Dawar
	BATCH B2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1110) Mr. Shirish Mohan Dubey						
Wed	**3CS7-30 Ind. Training** NF-2C	**3CS2-01 AEM** Dr.Shuchi Dave	**3CS1-03 MEFA** Dr. Prince Dawar		BATCH B1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1110) Mr. Shirish Mohan Dubey		
					BATCH B2 **3CS2-01 AEM Tut** Dr.Shuchi Dave	BATCH B2 **3CS3-04/3CS4-24 DE/DE LAB** Dr. Surendra Hans	
Thur	BATCH B1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Dr.Abhishek Sharma				BATCH B1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1201-A) Dr.Abhishek Sharma		
	BATCH B2 **3CS3-04/3CS4-24 DE/DE LAB** Dr. Surendra Hans				BATCH B2 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1107) Mr. Shirish Mohan Dubey		
Fri	BATCH B1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1201-A) Mr. Shirish Mohan Dubey				BATCH B1 **3CS4-07/3CS4-23 SE/SE LAB** NF 1		
	BATCH B2 **3CS4-07/3CS4-23 SE/SE LAB** NF 1				BATCH B2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Dr.Abhishek Sharma		

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-C

Class Location: AB-II (2103)
WEF: 15.08.2023
Tutor Name: Mr. Devendra Nath Pathak

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	**3CS7-30 Ind. Training** NF-2E	**3CS1-03 MEFA** Dr. Prince Dawar	**3CAI2-01 AEM** Dr.Shilpi Jain		BATCH C1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1109) Ms. Anjuli Dubey BATCH C2 **3CS4-06/3CS4-22 OOP/OOP LAB** NF 2		
Tues	CRT				BATCH C1 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1110) Ms. Anjuli Dubey BATCH C2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1201-A) Mr.Devendra Nath Pathak		BATCH C1 **3CS2-01 AEM Tut** Dr.Shilpi Jain
Wed	BATCH C1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1207) Mr.Devendra Nath Pathak BATCH C2 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya				BATCH C1 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya BATCH C2 **3CS3-04/3CS4-24 DE/DE LAB** LAB - AB-I (1209) Ms. Anjuli Dubey		
Thur	BATCH C1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-I (1209) NF 2 BATCH C2 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya				BATCH C1 **3CS4-06/3CS4-22 OOP/OOP LAB** LAB - AB-II (2209F) NF 2 BATCH C2 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Mr.Devendra Nath Pathak		
Fri	BATCH C1 **3CS4-07/3CS4-23 SE/SE LAB** Ms.Neha Shrotriya BATCH C2 **3CS3-04 DE** LAB - AB-I (1110) Ms. Anjuli Dubey		BATCH C2 **3CAI2-01 AEM tut** AB-I (1209- A) Dr.Shilpi Jain		BATCH C1 **3CS4-05/3CS4-21 DSA/DSA LAB** LAB - AB-I (1110) Mr.Devendra Nath Pathak BATCH C2 **3CS4-06/3CS4-22 OOP/OOP LAB** NF 2		

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-R

Class Location: AB-II (2208)
WEF: 15.08.2023
Tutor Name: Ms. Anjali Singh

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	BATCH-R1 **3CSR4-05/3CSR4-21 DSA/DSA LAB** LAB - AB-I (1203) NF-2A BATCH-R2 **3CSR4-07/3CSR4-23 SE/SE LAB** NF-2B				**3CSR7-30 INDUSTRIAL TRAINING** NF-2E	**3CS2-01 AEM** Dr.Shilpi Jain	**NSP/Library** Ms Archana Soni
Tues	BATCH-R1 **3CSR4-05/3CSR4-21 DSA/DSA LAB** LAB - AB-II (2209E) NF-2A BATCH-R2 **3CSR4-06/3CSR4-22 OOP/OOP LAB** Ms.Shilpa Kalra				BATCH-R1 **3CSR3-04/3CSR4-24 DE/DE LAB** LAB - AB-I (1108) Ms.Sonam Gour BATCH-R2 **3CSR4-06/3CSR4-22 OOP/OOP LAB** Ms.Shilpa Kalra		
Wed	**3CSR7-30 INDUSTRIAL TRAINING** NF-2E	**3CS1-03 MEFA** Dr. Prince Dawar	**3CS2-01 AEM** Dr.Shilpi Jain		BATCH-R1 **3CSR4-07/3CSR4-23 SE/SE LAB** LAB - AB-I (1208) Dr. Nikita Jain BATCH-R2 **3CSR3-04/3CSR4-24 DE/DE LAB** Ms.Sonam Gour		BATCH-R2 **3CS2-01 AEM Tut** Dr.Shilpi Jain
Thur	CRT				BATCH-R1 **3CSR4-06/3CSR4-22 OOP/OOP LAB** LAB - AB-II (2209E) Ms.Shilpa Kalra BATCH-R2 **3CSR3-04/3CSR4-24 DE/DE LAB** Ms.Sonam Gour		
Fri	BATCH-R1 **3CSR4-07/3CSR4-23 SE/SE LAB** LAB - AB-I (1207) Dr. Nikita Jain BATCH-R2 **3CSR4-07/3CSR4-23 SE/SE LAB** NF-2B				BATCH-R1 **3CSR3-04/3CSR4-24 DE/DE LAB** LAB - AB-I (1109) Ms.Sonam Gour BATCH-R2 **3CSR4-05/3CSR4-21 DSA/DSA LAB** LAB - AB-I (1202) NF-2A		BATCH-R1 **3CS2-01 AEM Tut** Dr.Shilpi Jain

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-A

Class Location: AB-I (1204)
WEF: 15.08.2023
Tutor Name: Ms. Sonam Gour

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH A1 **5CS4-04/5CS4-21CGM/CGM LAB** NF 2 BATCH A2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Barkha Narang			CRT		
Tues	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH A1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1101A) Ms.Neha Shrotriya BATCH A2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Barkha Narang			**5CS7-30 IND. TRAINING** NF-2D	**5CS4-03 OS** Ms.Apoorva Bansal	**5CS3-01 ITC** Ms.Barkha Narang
Wed	**5CS4-04 CGM** NF-2G	BATCH A1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Barkha Narang BATCH A2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1210C) Ms. Anjuli Dubey			**5CS4-04 CGM** NF-2G	BATCH A1 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH A2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1102) NF-2F	
Thur	**5CS3-01 ITC** Ms.Barkha Narang	**5CS7-30 IND. TRAINING** NF-2D	**5CS4-03 OS** Ms.Apoorva Bansal		**5CS4-03 OS** Ms.Apoorva Bansal	**5CS3-01 ITC** Ms.Barkha Narang	**5CS4-03 OS** Ms.Apoorva Bansal
Fri	BATCH A1 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH A2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1102) NF-2F	**NSP/Library** NF-2D			BATCH A1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Ms.Barkha Narang BATCH A2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1210C) Ms. Anjuli Dubey	**NSP/Library** NF-2D	

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-B

Class Location: AB-I (1203)
WEF: 15.08.2023
Tutor Name: Ms. Geeta Tiwari

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH B1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1108) Ms Archana Soni BATCH B2 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1107) NF3			CRT		
Tues	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH B1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1107) Mr. Shubham Patel BATCH B2 **5CS4-24 ADV JAVA LAB** LAB - AB-I (1108) NF3			**5CS7-30 IND. TRAINING** Dr. Surendra Hans	**5CS4-04 CGM** Mr. Manish Dubey	**5CS3-01 ITC** Mr.Saransh Sharma
Wed	**5CS4-03 OS** Mr. Shubham Patel	BATCH B1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1108) Ms Archana Soni BATCH B2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1209) Mr. Manish Dubey			**5CS4-04 CGM** Mr. Manish Dubey	**NSP/Library** Ms.Shilpa Kalra	**5CS3-01 ITC** Mr.Saransh Sharma
Thur	BATCH B1 **5CS4-24 ADV JAVA LAB** NF-2E BATCH B2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1101A) Mr. Manish Dubey	**5CS4-03 OS** Mr. Shubham Patel			**5CS3-01 ITC** Mr.Saransh Sharma	BATCH B1 **5CS4-04/5CS4-21CGM/CGM LAB** Mr. Manish Dubey BATCH B2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Mr. Shubham Patel	
Fri	**5CS4-03 OS** Mr. Shubham Patel	**5CS7-30 IND. TRAINING** Dr. Surendra Hans	**5CS3-01 ITC** Mr.Saransh Sharma		**5CS4-03 OS** Mr. Shubham Patel	BATCH B1 **5CS4-04/5CS4-21CGM/CGM LAB** Mr. Manish Dubey BATCH B2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1102) Ms Archana Soni	

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-C

Class Location: AB-II (2203)
WEF: 15.08.2023
Tutor Name: Mr. Shirish Mohan Dubey

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH C1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH C2 **5CS4-24 ADV JAVA LAB** Mr. Shirish Mohan Dubey			**5CS4-04 CGM** Dr. Geetika Mathur	**5CS7-30 IND. TRAINING** Dr. Surendra Hans	**NSP/Library** Mr.Devendra Nath Pathak
Tues	AB - II (2203) **ELECTIVE (V-CS)** Dr. Rajesh Kumar Bathija / Mr.Devendra Nath Pathak / Dr.Abhishek Sharma	BATCH C1 **5CS4-04/5CS4-21CGM/CGM LAB** Dr. Geetika Mathur BATCH C2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1203) Dr. Rajesh Kumar Bathija			CRT		
Wed	**5CS4-04 CGM** Dr. Geetika Mathur	BATCH C1 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1101A) Ms.Geeta Tiwari BATCH C2 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1110) Dr. Rajesh Kumar Bathija			**5CS4-03 OS** Ms. Harshita Virwani	BATCH C1 **5CS4-04/5CS4-21CGM/CGM LAB** Dr. Geetika Mathur BATCH C2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1107) NF 1	
Thur	**5CS3-01 ITC** Ms Archana Soni	BATCH C1 **5CS4-24 ADV JAVA LAB** NF-2B BATCH C2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1102) Ms.Geeta Tiwari			**5CS3-01 ITC** Ms Archana Soni	BATCH C1 **5CS4-02/5CS4-22CD/CD LAB** LAB - AB-I (1108) Dr. Rajesh Kumar Bathija BATCH C2 **5CS4-04/5CS4-21CGM/CGM LAB** LAB - AB-I (1102) NF 1	
Fri	**5CS4-04 CGM** Dr. Geetika Mathur	**5CS4-03 OS** Ms. Harshita Virwani	**5CS7-30 IND. TRAINING** Dr. Surendra Hans		**5CS4-03 OS** Ms. Harshita Virwani	BATCH C1 **5CS4-24 ADV JAVA LAB** NF-2B BATCH C2 **5CS4-05/5CS4-23AOA/AOA LAB** LAB - AB-I (1107) Ms.Geeta Tiwari	
Sa							

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-A

Class Location: AB-II (2208)
WEF: 15.08.2023
Tutor Name: Mr. Rohit Singh Rajput

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	**OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-A1 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta BATCH-A2 **7CS4-21 IOT LAB** LAB - AB-I (1201-A) Mr. Shubham Patel			BATCH-A1 **7CS7-40 SEMINAR** Dr.Veena Yadav BATCH-A2 **7CS7-30 Industrial Training** LAB - AB-I (1203) Mr.Saransh Sharma		**7CS4-01 IOT** NF-2B
Tues	**OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-A1 **7CS4-21 IOT LAB** LAB - AB-I (1201-A) Mr. Manish Dubey BATCH-A2 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta			BATCH-A1 **7CS7-30 Industrial Training** LAB - AB-I (1203) Mr.Saransh Sharma BATCH-A2 **7CS7-40 SEMINAR** Dr.Veena Yadav		**7CS4-01 IOT** NF-2B
Wed	**OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-A1 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta BATCH-A2 **7CS4-21 IOT LAB** LAB - AB-I (1202) Mr. Shubham Patel			**7CS4-01 IOT** NF-2B	BATCH-A1 **7CS4-21 IOT LAB** LAB - AB-I (1202) Mr. Manish Dubey BATCH-A2 **7CS4-22 C.S Lab** Dr. Ajay Kumar Khunteta	
Thur							
Fri							

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-B

Class Location: AB-II (2208-A)
WEF: 15.08.2023
Tutor Name: Ms. Barkha Narang

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-B1 **7CS4-22 C.S Lab** LAB - AB-I (1208) Mr.Saransh Sharma BATCH-B2 **7CS4-21 IOT LAB** NF-2F			**7CS4-01 IOT** NF-2B	BATCH-B1 **7CS7-30 Industrial Training** LAB - AB-I (1202) NF-2E BATCH-B2 **7CS7-40 SEMINAR** Dr. Ajay Kumar Khunteta	
Tues	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-B1 **7CS4-21 IOT LAB** LAB - AB-I (1208) Ms. Chitra Thinger BATCH-B2 **7CS4-22 C.S Lab** Mr.Saransh Sharma			**7CS4-01 IOT** NF-2B	BATCH-B1 **7CS7-40 SEMINAR** Dr. Ajay Kumar Khunteta BATCH-B2 **7CS7-30 Industrial Training** LAB - AB-I (1202) NF-2G	
Wed	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH-B1 **7CS4-22 C.S Lab** LAB - AB-I (1208) Mr.Saransh Sharma BATCH-B2 **7CS4-21 IOT LAB** NF-2F			BATCH-B1 **7CS4-21 IOT LAB** LAB - AB-I (1201-A) Ms. Chitra Thinger BATCH-B2 **7CS4-22 C.S Lab** Mr.Saransh Sharma		**7CS4-01 IOT** NF-2B
Thur							
Fri							

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-C

Class Location: AB-I (1209-A)
WEF: 15.08.2023
Tutor Name: Ms. Neha Shrotriya

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:00	4 12:00 - 13:00	5 13:00 - 14:00	6 14:00 - 15:00
Mon	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH C1 **7CS4-22 C.S Lab** LAB - AB-I (1110) NF-2E BATCH C2 **7CS4-21 IOT LAB** Dr. Nikita Jain			**7CS4-01 IOT** NF-2A	BATCH C1 **7CS4-21 IOT LAB** Dr. Nikita Jain BATCH C2 **7CS4-22 C.S Lab** LAB - AB-I (1201-A) Ms.Sonam Gour	
Tues	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH C1 **7CS4-21 IOT LAB** Dr. Nikita Jain BATCH C2 **7CS4-22 C.S Lab** LAB - AB-I (1202) Ms.Sonam Gour			BATCH C1 **7CS7-30 Industrial Training** Mr.Rohit Singh BATCH C2 **7CS7-40 SEMINAR** LAB - AB-I (1110) Ms.Barkha Narang		**7CS4-01 IOT** NF-2A
Wed	AB - II (2208) **OE** Ms Archana Soni / Dr.Veena Yadav	BATCH C1 **7CS4-22 C.S Lab** LAB - AB-I (1201-A) NF-2E BATCH C2 **7CS4-21 IOT LAB** Dr. Nikita Jain			BATCH C1 **7CS7-40 SEMINAR** Ms.Barkha Narang BATCH C2 **7CS7-30 Industrial Training** LAB - AB-I (1210C) Mr.Rohit Singh		**7CS4-01 IOT** NF-2A
Thur							
Fri							

Time Table Coordinators: Dr.Abhishek Sharma, Dy.HoD
Vice Principal, PCE, Director, PCE

9 Course Outcome Attainment Process:

9.1 Course Outcome Attainment Process

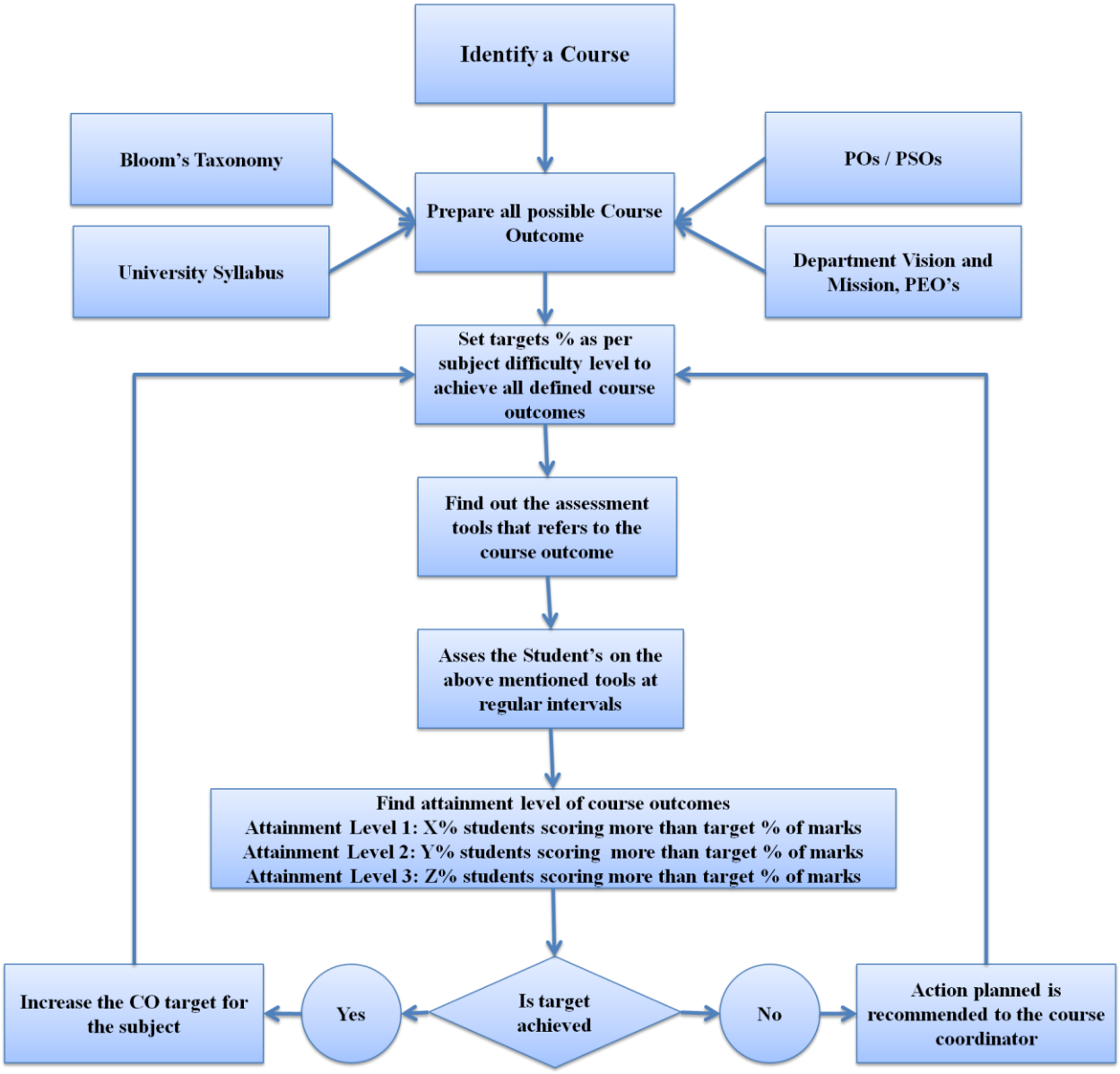


Figure. Course Outcome Attainment Process

9.2 List of CO & CO mapping with PO

Department of Computer Engineering

CO-PO Mapping (Session 2022-23)

S. No	Course Code	Course Name	CO No	Course Outcomes (After completing the course students will be able to…..)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	1FY2-01	Engineering Mathematics-I	CO 1	Students will be able to define and explain basic concepts definite integrals, sequence and series, periodic functions and multivariable functions.	**1**	-	-	-	**2**	-	-	-	-	-	-	-	-	-	-
			CO 2	Students will be able to understand properties of beta and gamma function, convergence of sequence and series.	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 3	The students will be able to apply properties of beta and gamma functions and definite integrals to find surface area and volumes of revolution. They will be able to apply partial derivatives and multiple integrals to solve many problems in science and engineering.	**3**	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-

			CO 4	Students will be able to analyse Fourier series to make many useful deductions which lay down foundation of signal processing and image processing.	**2**	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	2.5	-	-	2	-	-	-	-	-	-	-	-	-	-
2	1FY2-03	Engineering Chemistry	CO 1	Describe characteristics of water, fuel and Engineering materials-	**1**	-	-	-	-	-	-	-	-	-	-	-	-	-	2
			CO 2	Determine of hardness of water and calorific value of fuels for Industrial as well as domestic purposes	**2**	-	-	-	-	-	-	-	-	-	-	-	-	1	-
			CO 3	Compare different techniques of water treatment, fuel analysis, Manufacturing of engineering materials and corrosion protection methods	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 4	Prepare the generic drugs or medicines by identifying the applications of organic reaction mechanism and manufacturing of engineering materials	-	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**2**	-	-	-	-	-	-	-	-	-	-	-	**1**	**2**

3	1FY1-04	Communication Skills	CO 1	Describe the process of communication, basics of Grammar and Writing and Literary Aspects	-	-	-	-	-	-	-	-	-	**1**	-	-	-	-	-
			CO 2	Explain the types of communication, barriers and channels of communication and the concept of Literature through Short Stories and poetry		-	-	-	-	-	-	-	-	**2**	-	-	-	-	-
			CO 3	Write and prepare professional reports, paragraph and business letters with the correct use of grammar	-	-	-	-	-	-	-	-	-	**3**	-	-	-	-	-
			CO 4	Discuss and illustrate the impact of social and moral values by implying the basics of English Writing Skills through literary aspects	-	-	-	-	-	-	-	**2**	-	-	-	-	-	-	-
			CO 5	Restate and outline the basic areas of English Language Skills with the applications of literature	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-	-
					-	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**2**	**-**	**2**	**-**	**-**	**-**
4	1FY3-07	Basic Mechanical Engineering	CO 1	Students will be able to retrieve basic concepts of thermal and manufacturi	**1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				ng process.															
			CO 2	Students will able to compare different types of thermal and manufacturing processes and.	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 3	Students will able to annotating about the functioning of turbine & pumps, IC engines, refrigeration system, modes of transmission of power, materials and primary manufacturing process.	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 4	Student will be able to appraise the fundamental knowledge of thermal engineering, in addition to understanding of power transmission to solve the industrial and societal issues.	-	**1**	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**1**	-	-	-	-	-	-	-	-	-	-	-	-	-

5	1FY3-08	Basic Electrical Engineering	CO 1	Identify basic components of electrical engineering and connect them to form different circuits to verify basic laws.Understanding	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 2	Analyse the output of rectifier circuit,AC and DC machines to solve problems assosciated with Basic electrical engineering.Analyse	**2**	**3**	-	-	-	-	-	-	-	-	-	-	**1**	-	-
			CO 3	Contribute efficiently in a team to acieve desired response of AC and DC Machines. Team Work	-	-	-	-	-	-	-	-	**3**	-	-	-	-	-	-
			CO 4	Demonstrate the output of rectifier circuits consistiong of basic components of electrical engineering. Mechanism	-	-	-	-	-	-	-	-	-	-	**3**	-	**2**	-	-
					2.5	**3**	-	-	-	-	-	-	**3**	-	**3**	-	**1.5**	-	-
6	1FY2-21	Engineering Chemistry Lab	CO 1	Determine the strength of unknown solution by volumetric analysis.	**1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 2	Examine the characteristics of lubricating oil in groups	-	-	-	-	-	-	-	-	**2**	-	-	-	-	-	-
			CO 3	Analyze different characteristics of water and fuel to solve societal and	-	-	-	-	-	-	**2**	-	-	-	-	-	-	-	-

				enviornmental problems														
			CO 4	Students will show an ability to work as a team member ethically	-	-	-	-	-	-	-	**2**	**3**	-	-	-	-	-	-
					1	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**2.5**	**-**	**-**	**-**	**-**	**-**	**-**
7	1FY 1-22	Language Lab	CO 1	Use and pronounce the words correctly.	-	-	-	-	-	-	-	-	-	**1**	-	-	-	-	-
			CO 2	Acquire knowledge of the correct expressions,vocabulary etc. in personal and professional lives.	-	-	-	-	-	-	-	-	-	**2**	-	-	-	-	-
			CO 3	Plan successfully for leadership and teamwork,crack GD's, interviews and other professional activities.	-	-	-	-	-	-	-	-	**2**	-	-	-	-	-	-
			CO 4	Synthesize the process of communication using LSRW.	-	-	-	-	-	-	-	-	-	**3**	-	-	-	-	-
					-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**-**	**-**	**-**	**-**	**-**
8	1FY 3-25	Manufacturing Practices Workshop	CO 1	Describe the working of Lathe machine.	**1**	-	-	-	-	-	-	-	-	-	-	-	**1**	-	-
			CO 2	Apply the basic concepts of Foundry Shop	**2**	-	-	-	-	-	-	-	-	-	-	-	**1**	-	-
			CO 3	Develop various carpentry joints, welding joints and sheet metal objects.	-	**2**	-	-	-	-	-	-	-	-	-	-	**1**	-	-
			CO 4	Students will show an ability to work as a team	-	-	-	-	-	-	-	**2**	**3**	-	-	-	-	-	-

				member ethically														
					1.5	**2**	**-**	**-**	**-**	**-**	**-**	**2**	**3**	**-**	**-**	**-**	**1**	**-**	**-**
9	1FY3-26	Basic Electrical Engineering Lab	CO 1	Discuss measurement of electrical quantites	**1**	-	-	-	-	-	-	-	-	-	-	-	**1**	**2**	-
			CO 2	Compare different connections of transformer	**2**	-	-	-	-	-	-	-	-	-	-	-	**1**	**2**	-
			CO 3	Demonstrate constructional features of electrical machines and converters	**3**	-	-	-	-	-	-	-	-	-	-	-	**2**	**2**	-
			CO 4	Students will show an ability to communicate effectively and work as a team member ethically	-	-	-	-	-	-	-	**2**	**3**	**2**	-	-	-	-	-
					2	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**3**	**2**	**-**	**-**	**1.3333**	**2**	**-**
10	1FY3-28	Computer Aided Engineering Graphics	CO 1	Describe engineering drawing terminology, concept of scales and conic sections.	**1**	-	-	-	-		-	-	-	-	-	-	**1**	-	-
			CO 2	Draw Projection of Points, lines, planes, solids and section of solids	**-**	**1**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
			CO 3	Draft 2D engineering problems on CAD software.	**-**		-	-	**3**	-	-	-	-	-	-	-		**1**	**1**
			CO 4	Students will show an ability to work as a team member ethically	**-**	-	-	-	-	-	-	**2**	**3**	-	-	-	-	-	-
					1	**1**	**-**	**-**	**3**	**-**	**-**	**2**	**3**	**-**	**-**	**-**	**1.5**	**1**	**1**
11	3CS2-01	Advanced Engineering	CO 1	To Define probability models using probability	**1**	-	-	-	-	-	-	-	-	-	-	-	2	-	-

		Mathematics		mass (density) functions, need and classification of optimization terminology.															
			CO 2	To Explain the probability distributions of discrete and continuous random variables and work binomial, Poisson, uniform, exponential, normal distribution and their statistical measures.	**2**	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-
			CO 3	To Solve mathematical models of the real world problems in optimization using Linear Programming methods such as Transportation, Traveling salesman and many more such problems.	**3**	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-
			CO 4	To Examine the correlation between two variables and regression applications for purposes of description and prediction.	-	**3**	-	-	-	-	-	-	-	-	-	-	-	2	1	1
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**1**	**1**
12	3CS1-03	Managerial Economics and	CO 1	To Describe the fundamental concepts of Economics	-	-	-	-	-	1	-	-	-	2	3	1	-	-	-

		Financial Accounting		and Financial Management and define the meaning of national income, demand, supply, cost, market structure, and balance sheet.														
			CO 2	To Calculate the domestic product, national product and elasticity of price on demand and supply.	-	-	-	-	-	2	-	-	-	-	3	-	-	-	-
			CO 3	To Draw the cost graphs, revenue graphs and forecast the impact of change in price in various perfect as well as imperfect market structures.	3	-	2	-	-	-	-	-	-	-	2	-	-	-	-
			CO 4	To Compare the financial statements to interpret the financial position of the firm and evaluate the project investment decisions.	-	3	-	-	-	-	-	-	-	-	2	-	-	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					3	**3**	**2**	**-**	**-**	**1.5**	**-**	**-**	**-**	**2**	**2.5**	**1**	**-**	**-**	**-**
13	3CS 3-04	Digital Electronics	CO 1	To Apply the fundamentals of Number Systems and boolean Algebra for solving the numericals and logical problems.	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-

			CO 2	To Recognize minimization techniques for reducing the size of any digital circuits.	-	**2**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
			CO 3	To Design combinational and sequential circuits with aspects of speed, delay, energy dissipation and power.	-	-	3	-	-	-	-	-	-	-	-	-	**2**	-	-
			CO 4	To Evaluate the performance of Digital Logic Families and its realization.	-	-	-	2	-	-	-	-	-	-	-	-	-	**2**	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**2**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**-**
14	3CS 4-05	Data Structures and Algorithms	CO 1	To explain data structures and their use in daily life .	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
			CO 2	To analyze the Linear and non Linear data structures like stack, Queues, link list, Graph, Trees to solve real time problems.	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-
			CO 3	To develop searching and sorting algorithms on predefind data	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2
			CO 4	To create the data structures in specific areas like DBMS ,Compiler, Operating system.	-	-	-	3	-	-	-	-	-	-	-	-	-	-	2
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

					2	**3**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2**
15	3CS 4-06	Object Oriented Programming	CO 1	Apply the various programming paradigms such as exception handling, polymorphism in software pattern	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
			CO 2	Analyze the C++ programs using different programming methodologies .	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
			CO 3	Design the elements of the object oriented concepts in developing structured programs.	-	-	3	-	-	-	-	-	-	-	-	-	-	2	-
			CO 4	Investigate the real time applications using advance C++ concepts.	-	-	-	3	-	-	-	-	-	-	-	-	-	-	3
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**2**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**2**	**3**
16	3CS 4-07	Software Engineering	CO 1	To Demostrate software life cycle models with respect to software enginneering principles.	2	-	-	-	-	-	-	-	-	-	-	-	3	-	2
			CO 2	To analyse cost estimation techniqye and risk analysis techniques in software engineering projects.	-	2	-	-	-	-	-	-	-	-	-	-	2	3	-
			CO 3	To Design Software requirement document (SRS)	-	-	3	-	-	-	-	-	-	-	-	-	2	3	-

			CO 4	To synthesize UML diagrams using the concepts of object oriented analysis in software development process.	-	-	-	3	-	-	-	-	-	-	-	-	3	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**2**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**3**	**2**
17	3CS 4-21	Data Structures and Algorithms Lab	LO 1	To Utilize searching and sorting algorithms on given values.	2	-	-	-	2	-	-	-	-	2	-	-	2	-	-
			LO 2	To analyze the time and space efficiency of the data structure	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-
			LO 3	To Evalute traversing, insertion and deletion operations on Linear and non linear data structures	-	-	-	-	-	-	2	-	-	-	-	2	-	2	-
			LO 4	To construct the solutions for real time applications	-	-	-	-	2	-	-	-	2	-	-	-	-	-	3
			LO 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**-**	**-**	**-**	**2**	**2**	**2**	**-**	**2**	**2**	**-**	**2**	**2**	**2**	**3**
18	3CS 4-22	Object Oriented Programming Lab	LO 1	Students will able to apply the programming concepts such as inheritance, polymorphism	-	-	-	-	2	-	-	-	-	-	-	2	3	-	-
			LO 2	Students will be able to distinguish the programming methodologies to implement	-	-	-	-	-	2	-	-	-	-	-	2	-	2	-

				programs														
			LO 3	Students will be able to explain the concepts to develop the structured programs.	-	-	-	-	-	-	2	-	-	-	-	2	-	-	3
			LO 4	Students will be able to construct the solutions for real time problems	-	-	-	-	-	-	-	-	2	-	3	-	-	-	3
			LO 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					-	**-**	**-**	**-**	**2**	**2**	**2**	**-**	**2**	**-**	**3**	**2**	**3**	**2**	**3**
19	3CS 4-23	Software Engineering Lab	LO 1	Understand and explain the basic concepts of UML, design, test case implementation, and OOP concepts using Java.	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
			LO 2	Discuss and analyze how to create software requirements specifications for a particular problem.	-	-	-	3	-	-	-	-	-	-	-	-	-	3	-
			LO 3	Create Data Flow Diagrams for different systems.	-	-	3	-	-	-	-	-	-	-	-	-	-	3	2
			LO 4	Understand and develop UML diagrams of various structures and behaviors.	-	-	-	-	2	-	-	-	-	-	-	-	2	3	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**-**	**3**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**3**	**2**
20	3CS 4-24	Digital Electronics Lab	LO 1	Apply appropriate basic logic gates for	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-

				verifying the truth tables.														
			LO 2	Demonstarte ability for recognizing any IC and its fuctionality.	-	**2**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
			LO 3	Design any basic gates by the use of universal gates.	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**2**	-
			LO 4	Identify the limitation of basic logic gates while desgining any SOP and POS logics.	-	-	-	**2**	-	-	-	-	-	-	-	-	**2**	-	-
			LO 5	Design any sequential and combinational circuits using basic gates as well as by defined IC.	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	-	-
			LO 6	Demonstrate the working of Digital Trainer kits and usability of it.	-	-	-	-	**2**	-	-	-	-	-	-	-	-	**2**	-
			LO 7	Debug a circuit to find a problem and suggest suitable solution.	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-	**2**
			LO 8	Able to work in a team for desgining and rectifying any errors in the digital circuit.	-	-	-	-	-	-	-	-	**2**	-	-	-	-	-	**2**
					2	**2**	**2.5**	**2**	**2**	**-**	**-**	**-**	**2**	**-**	**-**	**2**	**2**	**2**	**2**
21	3CS 7-30	Industrial Training	LO 1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			LO 2	Become master in one's specialized technology and updated	-	-	-	-	3	-	-	-	-	-	3	-	3	-	3

				with all the latest changes in technological world for desigining real time project in industry.															
			LO 3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
			LO 4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and entrepreneurship skills.	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
			LO 5	Ability to identify, formulate and model problems and find engineering solution based on a systems approach.	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
			LO 6	Capability and enthusiasm for self-improvement through continuous professional development and life-long learning	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
			LO 7	Awareness of the social, cultural, global and environmental responsibility as an engineer.	-	-	-	-	-	-	3	2	-	-	-	-	-	2	-
					3	**-**	**-**	**3**	**3**	**3**	**3**	**2**	**3**	**3**	**3**	**3**	**2.1 667**	**2**	**3**
22	5CS 3-01	Information Theory & Coding	CO 1	Demonstrate the concept of information theory and entropy.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			CO 2	Analyze the different coding	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-

				techniques for efficient communication.														
			CO 3	Design the linear block code and cyclic code for error free communication.	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
			CO 4	Evaluate the shortest path by using different algorithms techniques.	-	-	-	3	-	-	-	-	-	-	-	-	-	-	2
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**2**	**2**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**2**
23	5CS 4-02	Compiler Design	CO 1	To illustrate the theoretical concepts of finite state machine	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
			CO 2	To analyze the grammars, parsing techniques, and actual code generation methods	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-
			CO 3	To Evaluate the different types of error and convert the code in I.C.G.	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2
			CO 4	To convert the optimized code into the machine code in the storage organisation and code optimization.	-	-	-	3	-	-	-	-	-	-	-	-	2	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**3**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**2**	**2**
24	5CS 4-03	Operating System	CO 1	To demonstrate the knowledge of Operating System	3	-	-	-	-	-	-	-	-	-	-	-	3	-	2

				services including Memory, Device & File Management.														
			CO 2	To categorize the Process management in terms of inter process communication and memory management methods for Contiguous and Noncontiguous allocation.	-	3	-	-	-	-	-	-	-	-	-	-	2	-	-
			CO 3	To Design the solution for scheduling and deadlock problems in operating system using appropriate algorithms such as round robin, FCFS, bankers algo etc.	-	-	2	-	-	-	-	-	-	-	-	-	3	-	2
			CO 4	To investigate LINUX/UNIX, OS, RTOS, windows and Mobile based OS file system through case study.	-	-	-	3	-	-	-	-	-	-	-	-	2	2	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					3	**3**	**2**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**2**	**2**
25	5CS 4-04	Computer Graphics & Multimedia	CO 1	Demonstrate the standards and Primitives of Drawing components like line, circle, ellipse, clipping, filling	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			CO 2	Analyze the graphics quality with the help 3D Graphics and Projections	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-

			CO 3	Design the animation using transformation and clipping	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2
			CO 4	Organize the primitives for Illumination, Shading and Color Models.(Evaluate)	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**2**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**2.5**
26	5CS 4-05	Analysis of Algorithms	CO 1	Understand complexity of an algorithm, asymptotic notation and divide and conquer method for developing an algorithm.	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
			CO 2	Analyze the algorithm design using greedy algorithm and dynamic programming.	-	3	-	-	-	-	-	-	-	-	-	-	2	-	-
			CO 3	To Create search for problem solution using backtracking, branch and bound and pattern matching algorithm	-	-	3	-	-	-	-	-	-	-	-	-	2	-	-
			CO 4	To synthesize the randomized algorithm, assignment problem and types of classes such as P, NP, and NP Complete.	-	-	-	2	-	-	-	-	-	-	-	-	3	-	2
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					3	**3**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**-**	**2**

27	5CS5-11	Wireless Communication	CO 1	To Classify the challenges with transmission of signals in wireless communication systems and Cellular architechture with Multiplexing Techniques.	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
			CO 2	To Analyze the measures to increase the capacity in GSM systems-sectorization and Spatial Filtering for Interference Reduction	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-
			CO 3	To formulate cell architecture in wirless communication sytem.	-	-	3	-	-	-	-	-	-	-	-	-	-	2	-
			CO 4	To Distinguish digital signaling techniques for lossy channels.	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**3**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**2**	**-**
28	5CS5-12	Human Computer Interaction	CO 1	To apply guidelines and imperical research method in HCI to Make User Friendly Computer Interface	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			CO 2	To categorise Human Computer interction concept using GUI Design and Prototyping techniques	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-

			CO 3	To design Task models and object oriented modeling for computer interface	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2
			CO 4	To classify types of GOMS, Family model and LAWS	-	-	-	2	-	-	-	-	-	-	-	-	1	2	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**3**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.5**	**2**	**2**
29	5CS 4-21	Computer Graphics & Multimedia Lab	LO 1	to apply the concepts of transformation techniques on 2D & 3D objects.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			LO 2	to analyze the colour modelling, shading and animation on graphic objects.	-	3	-	-	-	-	-	-	-	-	-	-	2	-	3
			LO 3	to design the graphical premitives drawing algorithms such as line, circle drawing algorithms.	-	-	3	-	-	-	-	-	-	-	-	-	2	-	3
			LO 4	to Generate Fractal images using graphics tool like Sterling	-	-	-	2	2	-	-	-	-	-	-	-	3	-	-
			LO 5	to make a project to solve real life socity based problem and demonstrate following PO related capabilities: a. Improve	-	-	-	-	-	3	3	3	3	3	3	3	3	2	3

				team working skill b. Improve communicati on skill c. Improve ethics (i.e. plagiarism, copy others results) d. Lifelong learning attitude														
					2	**3**	**3**	**2**	**2**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**2.4**	**2**	**3**
30	5CS 4-22	Compiler Design Lab	LO 1	To Analysis the finite state machines, lexical analyzer, parser for the grammar.	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-
			LO 2	To Develop recognition of identifiers, constants, comments, operators, loops and keywords, and generation of parse tree and syntax tree, symbol table and non-recursive grammar based constructs.	-	-	-	-	3	-	-	-	-	-	-	-	2	-	-
			LO 3	To Design intermediate code genrator and converted into optimzed code	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-
			LO 4	To demostrate hands on experience of working on system software.	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-
			LO 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					-	**-**	**-**	**-**	**3**	**3**	**-**	**-**	**3**	**-**	**-**	**-**	**2.3 333**	**3**	**-**

31	5CS4-23	Analysis of Algorithms Lab	LO 1	Apply sorting algorithms like quick sort for information searching.	**3**	-	-	-	-	-	-	-	-	-	-	-	3	-	-
			LO 2	Identify problems to be broken down into simple sub problems using merge sort algorithm	-	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**3**	-
			LO 3	Device solutions using topological ordering to quickly compute shortest paths	-	-	2	-	-	-	-	-	-	-	-	-	-	-	**3**	-
			LO 4	Demonstrate e real world scenarios like resourse allocation using knapack algorithm	-	-	-	-	-	-	-	-	-	-	-	-	2	-	**2**	-
			LO 5	From a given vertex, Select Dijkstra's algorithm to find the shortest path to other vertices	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	**3**
			LO 6	Demonstrate minimum cost spanning tree of a given undirected graph using	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	**3**

				kruskal's algorithm														
					3	**-**	**2**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**3**	**2.6667**	**3**
32	5CS4-24	Advance Java Lab	LO 1	To apply event handling on AWT and Swing components.	-	-	3	-	-	-	-	-	-	-	-	-	3	-	-
			LO 2	To Design a page using Swing , Servlet , JSP and JDBC connectivity.	-	-	-	-	3	-	-	-	-	-	-	-	3	-	-
			LO 3	To create a project based on societal problem.	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-
			LO 4	To map Java classes and object associations to relational database tables with Hibernate mapping files	-	-	-	-	-	-	3	-	-	-	-	-	-	3	3
			LO 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					-	**-**	**3**	**-**	**3**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**3**	**3**	**3**
33	5CS7-30	Industrial Training	LO 1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			LO 2	Become master in one's specialized technology and updated with all the latest changes in technological world for desigining real time project in industry.	-	-	-	-	3	-	-	-	-	-	3	-	3	-	3
			LO 3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
			LO 4	Knack to be a multi-skilled	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3

				engineer with good technical knowledge, management, leadership and entrepreneurship skills.															
			LO 5	Ability to identify, formulate and model problems and find engineering solution based on a systems approach.	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
			LO 6	Capability and enthusiasm for self-improvement through continuous professional development and life-long learning	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
			LO 7	Awareness of the social, cultural, global and environmental responsibility as an engineer.	-	-	-	-	-	-	3	2	-	-	-	-	-	2	-
					3	**-**	**-**	**3**	**3**	**3**	**3**	**2**	**3**	**3**	**3**	**3**	**2.1 667**	**2**	**3**
34	7CS 4-01	Internet of Things	CO 1	To demostrate concepts IOT plateform and conectivity with devices like Ardinuo, Rasberry pi etc.	2	-	-	-	-	-	-	-	-	-	-	-	**2**	**-**	**-**
			CO 2	To Analyse IOT communication models like push-pull, publish & subscribe model.	-	2	-	-	-	-	-	-	-	-	-	-	**-**	**-**	**3**
			CO 3	To Design prototypes for Internet of Things in real time	-	-	3	-	-	-	-	-	-	-	-	-	**-**	**3**	**-**

				applications.															
			CO 4	To investigate solutions of complex problems using advance concepts of IOT & Big Data.	-	-	-	3	-	-	-	-	-	-	-	-	-	**2**	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**2**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2.5**	**3**
35	7CS 6-60.1	Quality Management / ISO 9000 (Open Elective-1)	CO 1	To apply Quality Tools to monitor the overall operation and continuous process improvement.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			CO 2	To Analyse systematic methods in identifying where and how it might fail and relative impacts of different failures	-	3	-	-	-	-	-	-	-	-	-	-	2	-	-
			CO 3	To formulate effectively customer requirements and convert them into detailed engineering	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-
			CO 4	To Measure themselves against internal or external standards and to improve the capability of their business processes.	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					3	**3**	**2**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**
36	7CS 6-	Cyber Security	CO 1	To Apply basic concepts	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-

	60.2	(Open Elective-1)		of Cybercrime and legal Perspectives of Security Implications for Organizations in respect to the Mobile and Wireless Devices.														
			CO 2	To Analyze offences, attacks and Criminals plan for the cyber space.	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-
			CO 3	To Compose the cyber security solutions and cyber security Tools in Cybercrime.	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
			CO 4	To Select the Management Perspective human role in security systems with an Organizational , emphasis on ethics, social engineering vulnerabilities and training.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2	**3**	**2**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**2**
37	7CS 4-21	Internet of Things Lab	LO 1	to Define the various terminal commands used in developing IOT applications.	3	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
			LO 2	to develop the python scripts used in IOT applications.	-	3	-	-	-	-	-	-	-	-	-	-	-	-	**3**
			LO 3	to apply the logics of IOT for designing IOT applications	-	-	3	-	-	-	-	-	-	-	-	-	-	**3**	-

			LO 4	to make a project to solve real life socity based problem and demonstrate following PO related capabilities: a. Improve team working skill b. Improve communicatio n skill c. Improve ethics (i.e. plagiarism, copy others results) d. Lifelong learning attitude	-	-	3	-	3	3	3	3	3	3	3	3	3	2	3
			LO 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					3	**3**	**3**	**-**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**2.5**	**2.5**	**3**
38	7CS 4-22	Cyber Security Lab	LO 1	to analyse the data transferred and protocol using different security-based tools like Wire shark, tcpdump, rootkits, snort etc.	-	3	-	-	-	-	-	-	-	-	-	-	3	-	2
			LO 2	to design the substitution and transposition techniques for plain text encryption and decryption.	-	-	3	-	-	-	-	-	-	-	-	-	2	-	3
			LO 3	to observe ARP Poisoning, encryption and decryption techniques for secure data transmission across network using	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-

				snort and digital signatures															
			LO 4	to Install appropriate tools for network protocol analyze security-based tools like Wire shark, tcpdump etc.	-	-	-	-	3	-	-	-	-	-	-	-	3	-	2
			LO 5	to identify and describe a variety of ethical factors that may be relevant to understanding and assessing in cyber space.	-	-	-	-	-	-	-	3	-	-	-	-	2	3	-
			LO 6	To Improve team working skill for desiging a solution for Key Exchange problem and general attacks on system like Diffie-Hellman Key Exchange, Brute Force Attack etc	-	-	-	-	-	-	-	-	3	-	-	-	3	2	-
			LO 7	to implement a small project for Server-Client technology using a File Transfer Protocol mechanism and through socket programming and make report.	-	-	-	-	-	-	2	-	-	3	3	3	-	2	3
					-	**3**	**3**	**2**	**3**	**-**	**2**	**3**	**3**	**3**	**3**	**3**	**2.5**	**2.3333**	**2.5**
39	7CS7-30	Industrial Training	LO 1	Capability to acquire and apply fundamental	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-

				principles of engineering.															
			LO 2	Become master in one's specialized technology and updated with all the latest changes in technological world for desigining real time project in industry.	-	-	-	-	3	-	-	-	-	-	3	-	3	-	3
			LO 3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
			LO 4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and entrepreneurship skills.	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
			LO 5	Ability to identify, formulate and model problems and find engineering solution based on a systems approach.	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
			LO 6	Capability and enthusiasm for self-improvement through continuous professional development and life-long learning	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
			LO 7	Awareness of the social, cultural, global and environmental responsibility as an engineer.	-	-	-	-	-	-	3	2	-	-	-	-	-	2	-
					3	**-**	**-**	**3**	**3**	**3**	**3**	**2**	**3**	**3**	**3**	**3**	**2.1 667**	**2**	**3**

40	7CS7-40	Seminar	CO 1	Establish motivation for any topic of interest and develop a thought process for technical seminar	-	-	3	-	-	-	-	-	-	-	-	2	2	-	-
			CO 2	Organize a detailed literature survey and build a document with respect to technical publications and effective presentation	-	-	-	3	-	-	-	-	-	3	-	-	-	3	-
			CO 3	Analysis and comprehension of proof-of-concept and related data to access social, health, legal and environment issues for sustainable development.	-	3	-	-	-	3	3	-	-	-	-	-	2	-	-
			CO 4	Develop strategies for identifying and dealing with typical ethical issues, both personal and organizational	-	-	-	-	-	-	-	3	2	-	-	-	3	3	-
			LO 5	Make use of new and recent technology including perdition and modeling to complex activities.	-	-	-	-	3	-	-	-	-	-	-	-	-	2	2
					-	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**2**	**3**	**-**	**2**	**2.3333**	**2.6667**	**2**

Course File Sample

Outcome Based ProcessImplementationGuidelinesforFaculty

9.3 Labellingyourcoursefile

- **Nameof faculty:**
- **Class- SEM:**
- **Branch:**
- **CourseCode:**
- **CourseName:**
- **Session:**

9.4 List ofDocuments:

1. **Vision&MissionStatementsoftheInstitute**
2. **Vision&MissionStatementsoftheDepartment**
3. **List of PEO, PSOandPOofdepartment**
4. **PersonalTimeTable**
5. **RTU Syllabus**
6. **Documentasperpointno. 1-4 inguidelines**
7. **Course Plan**
8. **Document asperpointno6-12 inguidelines**
9. **Document forCOAssessmentStage1: Asperpointno13, upto13.2.5**
10. **Document forCOAssessmentStage2: Asperpointno13, upto13.2.5, with comparisontoprevious**
11. **Document forCOAssessmentStage3: Asperpointno13, upto13.2.5, with comparisontoprevious**
12. **DocumentforCOAttainmentthroughRTUComponent: PreviousRTUResult:pointno. 13.3 upto13.3.2**
13. **Document forPOattainmentthroughRTUComponent:PreviousRTUResult:poi ntno. 13.4 upto13.4.2**
14. **Document forOverallAttainmentofPOthroughCO:Asperpointno13.5**
15. **Document for last threeyears(Repeatprocessfrom6-14 above): Comparativedatashouldbeincludedincoursefile**
16. **LectureNotes**
17. **CopyofAssignmentsquestionsgivenfromtimetotime**
18. **CopyofTutorialSheetsgiven (if applicable)**
19. **RTUQuestionPaperswithanswer**
20. **InternalAssessmentQuestionPaperswithanswerfromtimetotime**
21. **Topicscoveredbeyond syllabus-References**
22. **Detailsofanyotheractivityanditsassessmentthroughrubricbe included**

23. Mappingdepartmentlevel/focus activitieswithyourCOs

10 Outcome BasedProcessImplementationGuidelinesforFaculty

CourseCO-PO,Preparation,AssessmentFormats

AcademicSession: 2021-2022 **Class:** **Semester:**

NameoftheFaculty:

Subject: **Subject Code:**

Thisdocumentismeantasguidelinesfor implementing Outcomebasededucationsystemasapartof NBAprocess.

1. **Vision&MissionofDepartment:StatementandMappingwith Institute Mission** **Hereyouhavetoincludedepartmentmission&visionstatementsandshowmappingofkeywordswithinstitutemission.**
2. **ProgramEducationalObjectives(PEOs): Statement andMappingwith Department Vision&Mission** **HereyouhavetoincludedepartmentPEOstatementsandshowmappingofkeywordswithdepartment vision&mission.**
3. **ProgramSpecificOutcome(PSOs): Statement andMappingwith Department Vision&Mission** **HereyouhavetoincludedepartmentPSOstatementsandshowmappingofkeywordswithdepartmentvision&mission.**
4. **ProgramOutcome(POs): Statement andMappingwithPEOandPSO** **HereyouhavetoincludePOstatementsandshowmappingofkeywordswithdepartmentPEOs &PSOs.**
5. **CoursePlan(Deployment):**

(Pleasewritehowyouintendto cover thecontents:i.e., coverageofUnitsbylectures, guest lectures, design exercises, solvingnumericalproblems, demonstration of models, model preparation, or byassignments, etc.), **for example**

- O**coverageofUnitsbylectures**
- O**designexercises**
- O**demonstrationofmodels**
- O**byassignments**

Lecture No.	Lect. No.	Topics,Problems, Applications	CO/LO	TargetDateof Coverage	ActualDate ofCoverage	Ref. Book/Journal withPageNo.
1.	1	Introduction of OS	CO1	12/07/2019	12/07/2019	T1 Page121-126
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						

ExampleT1:PrinciplesofOS, ByRameshSoni, TataMGHill, Edition 2019

6. **CourseOutcomes:**Lookforstrongmappingofcoursewithspecific PO(2-3).Define GenericCourseOutcomes(max4to6)usingBloomsTaxonomy.(IncaseofLabCoursedefinegen ericLabOutcomesLOand refer COasLOinthisdocument).

i. **3CSA101.1(CO1)-**
ii. **3CSA101.2(CO2)-**
iii. **3CSA101.3(CO3)-**
iv. **3CSA101.4(CO4)-**
v. **3CSA101.5(CO5)-**

7. **CO-PO-PSO Mapping: Mapping Levels: 1- Low, 2- Moderate, 3-Strong**
   Firsttrytofindout2-3POthosearestronglyrelated toyoursubjectcontents.Gothroughthecontentsandtrytoformulate4-5CourseOutcomeasperbloom taxonomy.MapeachCOwithPOandPSOasabove.Whilemappingpleaserethinkifyoumapany PO with3,itmeansyouareplanningtodeliverthecontentsofthat levelandyouwillalsoexaminethestudentsat that level.

CO	PO												PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1															
CO2															
CO3															
CO4															
CO5															

7.1 POStronglyMapped:(Example):
OPO2: Writefullstatementwithkeywords highlighted oPO3: Writefullstatementwithkeywords highlighted oPO4: Writefullstatementwithkeywords highlighted

7.2 PO Moderately Mapped:(Example)
O PO1: Writefullstatementwithkeywords highlighted
O PO11: Writefullstatementwithkeywordshighlighted
7.3POLowMapped:(Example)
OPO12: Writefullstatementwithkeywordshighlighted

7.4 PSOStronglyMapped:(Example)
OPSO1 :Writefullstatementwithkeywordshighlighted

7.5 P S O ModeratelyMapped:(Example)
O PSO2: Writefullstatementwithkeywordshighlighted

6.6 PSOLowMapped:(Example)
OPSO3: Writefullstatementwithkeywordshighlighted

8. **RulesforCO/LOAttainmentLevels:(Targets)**

Allthecoursesofyourdepartmentshouldbedividedintothreecategories A-MostDifficultcourse, B-MediumlevelofDifficulty, C-LowlevelofDifficulty–(Easy)
Accordingtodifficultylevel,youcandecidespecificrangeforCOattainmenttargetsfor Continuousassessmentfromthefollowing table.
Rememberthattargetsforinternalassessmentshouldbehigher.

CourseCategory	Level3	Level2	Level1
A	**60% of studentsgetting >60% marks**	**50-60% of students getting >60% marks**	**40-50% of students getting >60% marks**
B	**80% of studentsgetting >60% marks**	**60-80% of students getting >60% marks**	**40-60% of students getting >60% marks**
C	**90% of studentsgetting >60% marks**	**70-90% of students getting >60% marks**	**40-70% of students getting >60% marks**

9. EndTermRTUComponent: COAttainment Levels

AllthecoursesofyourdepartmentshouldbedividedintothreecategoriesA-Most Difficult course, B-MediumlevelofDifficulty, C-LowlevelofDifficulty–(Easy)
According to difficultylevelandtheresultsofpast 3-5 years, youcandecidespecific range forCOattainmenttargetsforRTUcomponentfromthefollowing table.

CourseCategory	Level3	Level2	Level1
A	**50% of studentsgetting >60% marks**	**40-50% of students getting >60% marks**	**30-40% of students getting >60% marks**
B	**60% of studentsgetting >60% marks**	**40-60% of students getting >60% marks**	**30-40% of students getting >60% marks**
C	**80% of studentsgetting >60% marks**	**60-80% of students getting >60% marks**	**40-60% of students getting >60% marks**

ForthespecificCO/LOattainmentlevelsofyour respectivecoursepleaseusetheabovetablesasreferenceaccordingyoursubjectdifficulty levelandpreparefollowing table.

S. No.	CourseType	Attainment Level=1	Attainment Level=2	Attainment Level=3
1	**TheoryCourses** Mid Semester Exams			
2	**TheoryCourses** UniversityExam			
4	**PracticalCourses** –Internal Exams			
5	**PracticalCourses** -UniversityExam			
6	**Assignments/UnitTest**			
7.	**Anyother**			

10. COwiseAssessmentActivities (asMentionedinSessionPlan):
YoucanplanforeachCO,activities/assessment toolstobeconducted/usedfor its achievement.
UseXtothoseyouselectforspecificCO.Removeallunusedcolumns.

	Activities															
CO	**Pre MidI Test**	**Post MidI Test**	**Quiz1**	**Quiz 2**	**PreMid II Test**	**Post MidII Test**	**Assignment1**	**Assignment2**	**Workshop**	**Seminar**	**Project**	**Training**	**Discussion**	**Mid1**	**Mid2**	**Ind. visit**
CO1																
CO2																
CO3																
CO4																
CO5																
CO6																

IncaseofLabcoursesomeactivitiesareasfollows:

LO	Internal Practical exams	Laboratory Tests	Viva	Records	Project Presentation	Project Evaluation	External practical exams
LO1							
LO2							
LO3							
LO4							

11. COwiseAssessmentActivities:

Basedon CO-POmapping,determinetargetsforeachCOasaverageoftargetsof all relevant POs.

CO	PO												Avg.	PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	CO Targets	PSO1	PSO2	PSO3
CO1																
CO2																
CO3																
CO4																
CO5																

12. Activity wiseAssessmentTools:

Thisgivesyougeneralizedviewofdifferentdirectandindirecttoolsthosecanbeusedforassessmen t /achievementofCO/PO.(DecidewhichtoolsarerequiredforassessingaparticularCO/LOandinreferencetoCourseA, B, Cdifficultylevel).

Sr. No.	Activity	Assessment Method	Tools	Weightage Marks	Recommendation
1.	Pre-MidTerm1	Direct	Marks	10	ForCO
2.	Post-MidTerm1	Direct	Marks	10	ForCO
3.	Quiz1	Direct	Marks	10	ForCO
4.	Quiz2	Direct	Marks	10	ForCO
5.	PreMidTerm2	Direct	Marks	10	ForCO
6.	Post MidTerm2	Direct	Marks	10	ForCO
7.	MidTerm1	Direct	Marks	20	ForCO
8.	MidTerm2	Direct	Marks	20	ForCO
9.	Assignment 1	Direct	Marks	10	ForCO
10.	Assignment 2	Direct	Marks	10	ForCO
11.	Workshop	Indirect	Rubrics	5	ForLO
12.	Seminar/SPL	Indirect	Rubrics	5	ForCO/LO
13.	Project (MiniorNSP)	Indirect	Rubrics	20	ForLO
14.	Discussion	Indirect	Rubrics	5	ForLO
15.	Training	Indirect	Rubrics	20	ForLO
16.	IndustrialVisit	Indirect	Rubrics	20	ForLO
17.	Oranyotheractivity	Direct/ Indirect	Marks/ Rubrics	any	ForLO
18.					
Notethatfor every rubricsyouneedtodecideassessmentcriteria,rangeofmarks orweightage–abovevaluesareindicative					

13. COAssessmentProcess:

Aftereveryactivity(Ideallyasperabovetable): (FrequencyofAssessment-Canbetakenasmonthly).

Sotheassessmentcanbeforallactivitiesheldduringthemonth.Dothefollowing.

13.1 AttainmentofCOs

13.1.1 AttainmentTableforCO1: 3CSA101.1

CO1:3CSA101.1: Attainment Table(Columns) AsApplicableCOwise-Monthly									
Student	**PreMidITest 10**	**Quiz1 10**	**Assignment 10**	**Quiz1 10**	**WS 10**	**Training 10**	**Total (60)**	**%0f Marks**	**Levelof Attainment**
Name1									**3**
Name2									**2**
Name3									**1**
Name4									**2**
Name5									**1**
Name6									**2**
----									**--**
------									**--**
	No.ofStudents attainedlevel3=					**%ofStudents AttainedLevel3=**			
	No.ofStudents attainedlevel2=					**%ofStudents AttainedLevel2=**			
	No.ofStudents attainedlevel1=					**%ofStudents AttainedLevel1=**			
	TargetAchieved= ?(Check Level3%attainment-IfNoFindGap)								
	MarkXforabsent-Takeavg.ofallpresent								

(Repeat it forallotherCOs, (CO2– CO5))

13.1.2CO-GapIdentifications

COs	CO1	CO2	CO3	CO4	CO5
Target					
Achieved					
Gap					

13.1.3 GapsIdentified:

Describewhatthe reasons for gaps are

i.

ii.

OverallCOAttainmentTable: Example

COs	CO1	CO2	CO3	CO4	CO5	Co6
Attainmentlevelasper rules set	3	1	3	3	3	3
AverageCOattainment through internal assessment	**2.67**					

13.1.4: Activities Decidedtobridgethegap

Pleasedoanalyzewhetheryoucouldgetimprovementthroughactivitiesdecidedandconducted forimprovements.Reasonshouldbenotedwhy /howitisimprovedornot.

13.2 AttainmentofPOs&PSO:

13.2.1 Target-ExpectedAttainmentofPObyattainmentofCO- Put allmappingsof 3, 2 and1.BasedonCO-POmapping,determinetargetsforeachPOasaverageof targets ofallrelevantCOs.

CO	PO												PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
3CSA101.1															
3CSA101.2															
3CSA101.3															
3CSA101.4															
3CSA101.5															
Obtain Average-PO/PSO Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets	Targets

13.2.2 AttainmentofPOs&PSOthroughCOasContinuousEvaluation:

Put allattainment valuesofCOaspermappingswith3, 2, 1asevaluatedin13.1.1 (Frequency- Monthly)

CO	PO												PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
3CSA101.1															
3CSA101.2															
3CSA101.3															
3CSA101.4															
3CSA101.5															
ObtainAvg. PO/PSO Attainment	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved	Achieved

13.2.3 POGapIdentification:

	PO												PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Targets															
Achieved															
Gap															

13.2.4 GapsIdentified:

Describewhatthe reasons for gap (for PO) are.

i.
ii.

13.2.5 Activities Decidedtobridgethegap

Pleasedoanalyzewhetheryoucouldgetimprovementthroughactivitiesdecidedandconductedforimprovements.Reasonshouldbenotedwhy /howitisimprovedornot.

Repeat wholeprocessafteronemonth,Twomonths,andthreemonths. Plotbar chart forimprovementin CO,PO&PSO. (Everymonth)

13.3 AttainmentofCOthroughRTUExam:

Thismay be possible for previoussemesterresultssooverallattainment. Iffacultyischanged, datawillbeevaluatedbyconcernedfacultywhotaughtandhandedovertocurrent faculty.Iffacultynot available, thencurrent faculty willdothesame.

AttainmentofCO: 3CSA101:Subject:			
Student	**RTUMarks (80)**	**%0f Marks**	**LevelofAttainment**
Name1			**3**
Name2			**2**
Name3			**1**
Name4			**2**
Name5			**1**
Name6			**2**
----			**--**
------			**--**
No.ofStudentsattainedlevel3=		**% of StudentsAttainedLevel3=**	
No.ofStudentsattainedlevel2=		**% of StudentsAttainedLevel2=**	
No.ofStudentsattainedlevel1=		**% of StudentsAttainedLevel1=**	
COAttainment= ?(Check Level3%attainment-IfNoFindGap)			
MarkXforabsent-Takeavg.ofallpresent			

13.3.1 AttainmentofCOthroughRTUComponent:

CO: Course Code: CourseName					
Target					
Achieved					
Gap					

13.3.1 GapsforCOattainmentthroughRTUComponent:

AnalyzeRTUQuestionpaperwithrespecttoCOsformulated,contentsdeliveredandstudentsexamined,findoutreasonsforgaps

i.
ii.

13.3.2 Actiontobetaken:

Preparerecommendationsforimprovementinplanning& teaching forgapsidentified.

13.4 AttainmentofPOthroughCO(RTU) Component

Put RTUResultsaspertargetachievedonlyandmappinglevel, infollowing table

AttainmentofPOthroughCO(RTU) Component															
CO	**PO**												**PSO**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
3CSA101															

AttainmentofPOthroughCO(RTU) Component															
3CSA101	**PO**												**PSO**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
Targets															
Achieved															
Gap															

13.4.1 GapsinPOthroughCOfromRTUcomponent:

Analyze RTU Question paper with respect to COs formulated &mapped, contents deliveredandstudentsexamined,findoutreasonsforgaps

Describewhatarethereasonsforgapi.

ii.

13.4.2 Actiontobetaken:

Preparerecommendationsforimprovementinplanning& teaching forgapsidentified.

13.5 OverallAttainmentofPO&PSO: ThroughContinuous Assessment &RTU

While combining attainment through Continuous evaluation and RTU component, followingweightagebe considered.

1. **InternalAssessment– Totalweightage-40%**
2. **RTUComponent------- Weightage– 60 %**

Put allattainmentsinthefollowingtableandcompute.

13.5.1: Table1

	RTUComponent			InternalAssessment				
Student	**RTUMarks (80)**	**%of Marks**	**60% Weightage X6/100 (A)**	**Overall CO (-----)**	**%of Marks**	**Weightage X4/100 (B)**	**Total (A+B)**	**Levelof Attainment**
Name1								**3**
Name2								**2**
Name3								**1**
Name4								**2**
Name5								**1**
Name6								**2**
----								**--**
------								**--**
No.ofStudentsattainedlevel3=					**% of StudentsAttainedLevel3=**			
No.ofStudentsattainedlevel2=					**% of StudentsAttainedLevel2=**			
No.ofStudentsattainedlevel1=					**% of StudentsAttainedLevel1=**			
POAttainment= ?(Check Level3%attainment-IfNoFindGap)								
MarkXforabsent-Takeavg.ofallpresent								

OR

13.5.2: Table2

	RTU			Internal CO1/Activity1 (Weightage%)			Internal CO2/Activity2 (Weightage%)			Internal CO3/Activity3 (Weightage%)				
Student	**RTU Marks (80)**	**%0f Marks**	**60% Weightage X-----/100 A**	**Overall CO (-----)**	**%0f Marks**	**Weightage X--/100 B**	**Overall CO (-----)**	**%0f Marks**	**Weightage X--/100 C**	**Overall CO (-----)**	**%0f Marks**	**Weightage X--/100 D**	**Total (A+B+C+D)**	**Level of Attainment**
Name1														**3**
Name2														**2**
Name3														**1**
Name4														**2**
Name5														**1**
Name6														**2**
----														**--**
------														**--**

No.ofStudentsattainedlevel3= StudentsAttainedLevel3=	**%of**
No.ofStudentsattainedlevel2= StudentsAttainedLevel2=	**% of**
No.ofStudentsattainedlevel1= StudentsAttainedLevel1=	**% of**
POAttainment= ?(Check Level3%attainment-IfNoFindGap)	
MarkXforabsent-Takeavg.ofallpresent	

13.5.3: OverallPO&PSOAttainmentthroughCourse:
Put OverallPO&PSOattainmentaspermapping 3,2,1above:

AttainmentofOverall POforSession2018-2019															
CO	**PO**												**PSO**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
3CSA101															
PO Attainment															

13.5.4: OverallGapsforAttainmentofPOandPSOfromtheCourse
Put OverallPO&PSOtargets&attainmentaspermapping 3,2,1above:

Attainment &GapofOverallPOSession----------															
3CSA101	**PO**												**PSO**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
Targets															
Achieved															
Gap															

13.5.5. OverallGapsforCoursetaught:
Gothroughallgapsidentifiedaboveandsummarize.Describewhatthe reasons are.
i.
ii.

13.5.6 Actiontobetaken:
Preparerecommendationsforimprovementinplanning&teaching(Internal&RTU)for gapsidentified.DecideActivitiestobeconductedtobridgethegapsinCOs.

Repeat wholeprocessafterOneyearbefore, Twoyearbefore, andthreeyearbefore. PlotbarchartsforContinuousimprovementscheckin CO, PO&PSO.(EveryYear).

14 File Formats

14.1 List of File Formats

i. Front Page of Course File
ii. ABC Analysis Format
iii. Blown-up Format
iv. Deployment Format
v. Zero Lecture Format
vi. Tutorial Format
vii. Assignment Format
viii. Lecture Note Format
ix. Mid Term Question Paper Format
x. Mid Term Practical Exam Format
xi. Evaluation Sheets Format
xii. Activity Report Format

POORNIMA
COLLEGE OF ENGINEERING

TEACHING MANUAL

COURSE: _____

SEMESTER: _____

SUBJECT: _____

SUB. CODE: _____

CONTENT: **Syllabus, Blown-up, Deployment, Zero Lectures, Detailed lecture notes with cover page, Tutorial/Home-Assignment Sheets**

_____

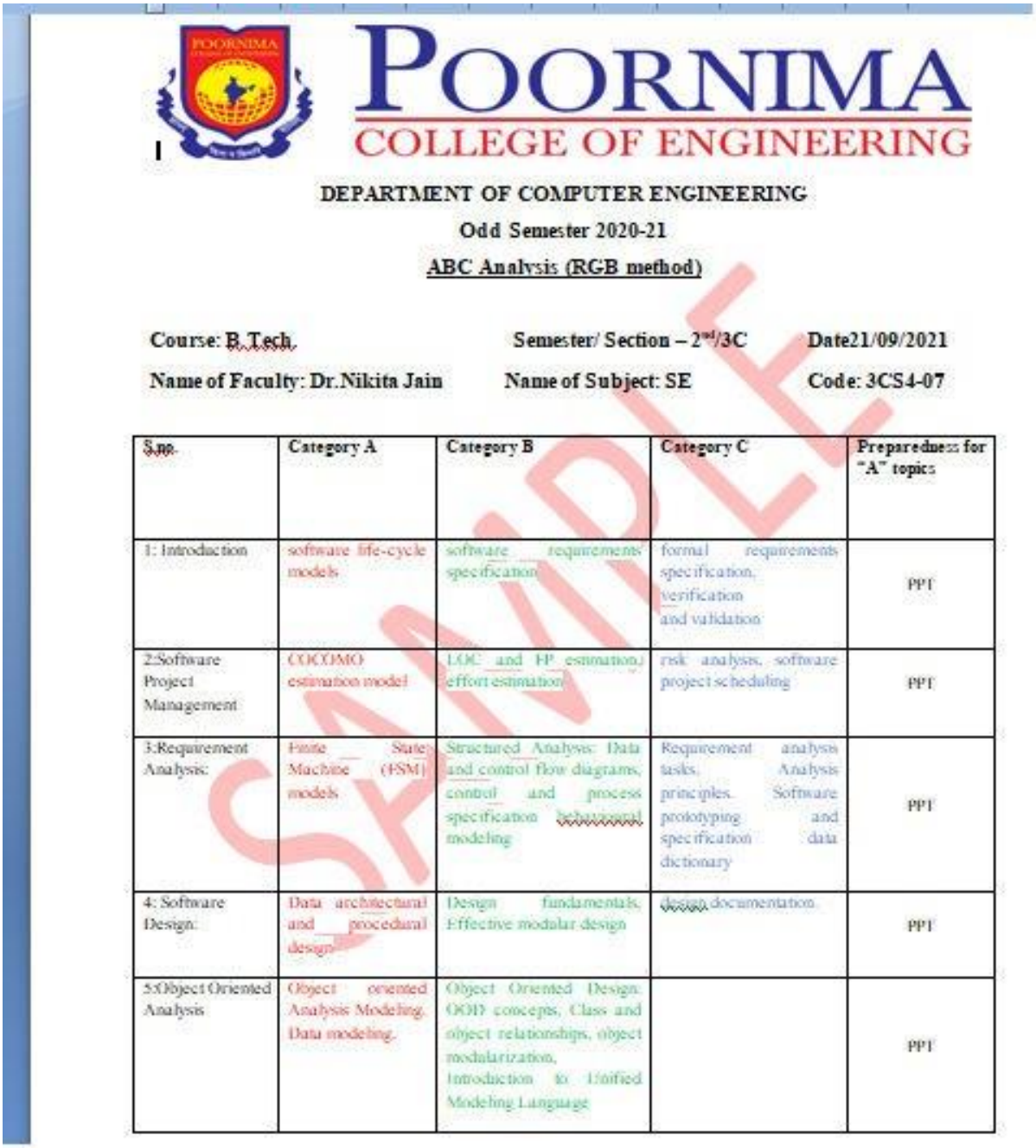
SESSION: 20__-__

NAME OF FACULTY: _____

DEPARTMENT: _____

CAMPUS: _____

14.2 ABC Analysis Format



POORNIMA
COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING

Odd Semester 2020-21

ABC Analysis (RGB method)

Course: B.Tech **Semester/ Section – 2nd/3C** **Date21/09/2021**

Name of Faculty: Dr.Nikita Jain **Name of Subject: SE** **Code: 3CS4-07**

S.no	Category A	Category B	Category C	Preparedness for "A" topics
1: Introduction	software life-cycle models	software requirements specification	formal requirements specification, verification and validation	PPT
2:Software Project Management	COCOMO estimation model	LOC and FP estimation, effort estimation	risk analysis, software project scheduling	PPT
3:Requirement Analysis:	Finite State Machine (FSM) models	Structured Analysis: Data and control flow diagrams, control and process specification behavioural modeling	Requirement analysis tasks, Analysis principles, Software prototyping and specification data dictionary	PPT
4: Software Design:	Data architectural and procedural design	Design fundamentals, Effective modular design	design documentation	PPT
5:Object Oriented Analysis	Object oriented Analysis Modeling, Data modeling.	Object Oriented Design: OOD concepts, Class and object relationships, object modularization, Introduction to Unified Modeling Language		PPT

14.3 Blown-up Format

POORNIMA
COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING

COURSE BLOWN UP

Course: B.Tech. | **Semester/ Section – 3 C** | **Date: 9 Aug2022**

Name of Faculty: Dr.Nikita Jain | **Name of Subject: Software Engineering** | **Code: 3CS4-07**

S. No.	TOPIC AS PER SYLLABUS	BLOWN UP TOPICS (up to 10 Times Syllabus)
1.	**Introduction :** Objective, Scope and Outcome of subject	Zero Lecture
2.	**Software development models**: Software life-cycle models, software requirements specification, formal requirements specification, verification and validation.	1.1 Software Development life cycle Phases 1.2 Waterfall model 1.2.1 Phases, Need 1.2.2 Advantages, Disadvantages 1.3 Prototype model and spiral model 1.3.1 Phases, Need 1.3.2 Advantages, Disadvantages 1.4 Iterative Enhancement Model 1.4.1 Phases, Need 1.4.2 Advantages, Disadvantages 1.5 Verification and Validation Model 1.5.1 Phases, Need 1.5.2 Advantages, Disadvantages 1.6 SRS, FRS 1.6.1 SRS Components

14.4 Deployment Format

POORNIMA
COLLEGE OF ENGINEERING
SYLLABUS DEPLOYMENT

Campus: PCE	Course: B.Tech.	Class/Section: VIth sem./A	Date: 05/01/2022
Name of Faculty: XYZ		Name of Subject: Cloud Computing	Code: 6CS04-05

S.No.	TOPIC AS PER BLOWNUP SYLLABUS	LECT. NO.	CO/LO	Target Date of Coverage	Actual Date of Coverage	Teaching method	Ref. Book/Journal with Page No.
1	**ZERO LECTURE**	L-1	CO1	11/01/2022	11/01/2022	PPT	
2	***Introduction to Unit :1*** **Introduction of the lecture** ***Conclusion of the lecture*** ***Brief of next lecture***						
3	**Introduction of the lecture** ***Conclusion of the lecture*** ***Brief of next lecture***						
4	**Introduction of the lecture** ***Conclusion of the lecture*** ***Brief of next lecture***						
5	**Introduction of the lecture** ***Conclusion of the lecture*** ***Brief of next lecture***						
6	**Introduction of the lecture**						

14.5 Zero Lecture Format

POORNIMA
COLLEGE OF ENGINEERING

ZERO LECTURE

Session: 20 - (Sem.)

Campus: ..... Course: ..... Class/Section: .....

Name of Faculty: .....

Zero Lecture

1). Name of Subject: ..... Code: .....

2). Self-Introduction:

a). Name:
b). Qualification:
c). Designation:
d). Research Area:
e). E-mail Id: .....@poornima.org
f). Other details: Information about areas of proficiency/ expertise such as subject taught, laboratory taken, Member of Professional body, Academic Proficiency, Book Authored, Paper published in National and International Conference/Journals etc.

3). Introduction of Students:

a). *Records of students in 12th*

Sr. No.	Average result of 12th	Name of student scored highest marks	Marks 60% above (No. of students)	Marks between 40%-60% (No. of students)	English Medium Students (No.)	Hindi Medium Students (No.)	No. of Hostellers	No. of Day Scholar

b). *Name of 05 best students based on previous results:* ....., ..., ..., ..., ...

4). Instructional Language: - .....%English; .....% Hindi (English not less than 60%)

5). Introduction to subject: - (Pl. separate out subject specific matter and general matter valid for all subjects and group/place them appropriately)

a). Relevance to Branch:
b). Relevance to Society:
c). Relevance to Self:
d). Relation with laboratory:
e). Connection with previous year and next year:

6). Syllabus

a). Unit Name:
b). ABC analysis (RGB method) of unit & topics

7). Books/ Website/Journals & Handbooks/ Association & Institution:

a). Recommended Text & Reference Books and Websites:

S. No.	Title of Book	Authors	Publisher	Cost (Rs.)	No. of books in Library
Text Books					
T1					
T2					
T3					
Reference Books					
R1					
R2					
R3					
Websites related to subject					
1					
2					

b). Journals & Handbooks: - To give information about different Journals & Handbooks available in library related to the subject and branch.

c). Associations and Institutions: - To give information about different Associations and Institutions related to the subject and branch.

8). Syllabus Deployment: -

a). Total weeks available for academics (excluding holidays) as per Poornima Foundation calendar-

Semester	
No. of Working days available(Approx.)	
No. of Weeks (Approx.)	

- Total weeks available for special activities (as mentioned below)- 02 weeks (Approx.)

Note: Individual faculty must calculate the exact no. of lectures available according to time table etc. after consultation with HOD.

b). Special Activities (To be approved by HOD & Dean & must be mentioned in deployment):

- Open Book Test- Once in a semester
- Quiz - Once in a semester
- Special Lectures (SPL)- Minimum 10% of total no. of lectures including following
  - i. Smart Class by the faculty, who is teaching the subject
  - ii. SPL by expert faculty at PGC level
  - iii. SPL by expert from industry/academia (other institution)
- Revision classes (Solving Important Question Bank):- 1 class before Mid Term and 2 classes before End Term Exam

c). Lecture schedule per week

i). University scheme (L+T+P) = ...+....+.....

Sr. No.	Name of Unit	No. of lectures	Broad Area	Degree of difficulty (High/Medium/Low)	Text/ Reference books
1.					
2.					
3.					
4.					
5.					

d). Introduction & Conclusion: Each subject, unit and topic shall start with introduction & close with conclusion. In case of the subject, it is Zero lecture.

e). Time Distribution in lecture class: - Time allotted: 60 min.

i. First 5 min. should be utilized for paying attention towards students who were absent for last lecture or continuously absent for many days + taking attendance by calling the names of the students and also sharing any new/relevant information.

ii. Actual lecture delivery should be of 50 min.
iii. Last 5 min. should be utilized by recapping/ conclusion of the topic. Providing brief introduction of the coming up lecture and suggesting portion to read.
iv. After completion of any Unit/Chapter a short quiz should be organized.
v. During lecture student should be encouraged to ask questions.

Note: Pl. ensure that each student is having Lecture Note Book. Also, write on the black board day and date, name of the teacher, name of subject with code, unit and lecture no. and topics to be covered at the beginning of each lecture and ensure that students write in lecture note book. Ask students to leave 4/5 pages blank for copying the note from fellow students in case of their absenteeism.

9). Tutorial: - An essential component of Teaching- Learning process in Professional Education.

Objective: - To enhance the recall mechanism.
To promote logical reasoning and thinking of the students.
To interact personally to the students for improve numerical solving ability.

a). *Tutorial processing:* - Tutorial sheet shall be provided to each students

Ist Phase: - It is consisting of questions to be solved in the class assignment session in test mode on perforated sheet given in tutorial notebook and to be collected & kept by respective faculty for review & analysis (20 minutes).

IInd Phase: - Indicating/Initializing the weak issues/ drawback and Evaluating and providing the grade. Making a group with good student for assisting the weak students to explain/solve questions by every student on plain papers given in tutorial note book (20 minutes).

IIIrd Phase: - Solving/ explaining difficulties of lecture class and providing the new home assignment (20 minutes). To be done in tutorial note book.

b). *Home assignment shall comprise of two parts:*

Part (i) Minimum essential questions, which are to be solved and submitted by all with in specified due date.

Part (ii) Other important questions, which may also be solved and submitted for examining and guidance by teacher.

10). Examination Systems:

A. FOR ALL THEORY COURSES:-

a. Continuous Internal Evaluation (CIE)	**20%**
-Assignment / Project / Papers / Essays / Class Participation	10%
-Quiz / Class Test (Announced / Unannounced)	5%
- Attendance and Discipline	5%
b. Mid Semester Exams (MSE) – Two	**20%**
c. End Semester Exam (ESE) - One	**60%**
TOTAL	**100 %**

B. FOR ALL PRACTICAL (LABORATORY) COURSES:-

a. Continuous Internal Evaluation (CIE)	**40%**
-Performance (Lab Record, Viva,)	30%
-Attendance and Participation in laboratory work	10%
b. Mid Semester Exam (MSE)– Two	**20 %**
c. End Semester Exam (ESE) - One	**40%**
TOTAL	**100 %**

11). Any other important point:

Place & Date: Name of Faculty with Designation

14.6 Lecture Note Front page Format

POORNIMA
COLLEGE OF ENGINEERING

LECTURE NOTES

Campus: ……………… **Course:** ……………… **Class/Section:** ……………………………… **Date:** ………………
Name of Faculty: ……………………………… **Name of Subject:** ……………………………… **Code:** ……………
Date (Prep.): ……………………… **Date (Del.):** ……………………**Unit No.:**……………… **Lect. No:** ………………

OBJECTIVE: To be written before taking the lecture (Pl. write in bullet points the main topics/concepts etc., which will be taught in this lecture)

IMPORTANT & RELEVANT QUESTIONS:

FEED BACK QUESTIONS (AFTER 20 MINUTES):

OUTCOME OF THE DELIVERED LECTURE: To be written after taking the lecture (Pl. write in bullet points about students' feedback on this lecture, level of understanding of this lecture by students etc.)

REFERENCES: Text/Ref. Book with Page No. and relevant Internet Websites:

14.7.75 Detailed Lecture Note Format-1

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

Campus: ……. Course: ……..		**Class/Section: ……**	**Date: ……**
Name of Faculty: ……		**Name of Subject: ……**	**Code: ……**

14.7.90 Detailed Lecture Note Format-2

POORNIMA
COLLEGE OF ENGINEERING
DETAILED LECTURE NOTES

PAGE NO. .....

14.8 Assignment Format

POORNIMA
COLLEGE OF ENGINEERING

Assignment Sheet-1

Campus: PCE **Course:** B.Tech. **Class/Section:** III **Date:** .....

Name of Faculty: **Name of Subject:** **Code:**

Date of Preparation: ..... **Scheduled Date of Submission:** .....

Q. No.	Questions	COs	POs	PSOs

14.9 Tutorial Format

POORNIMA
COLLEGE OF ENGINEERING

TUTORIAL SHEET

TUTORIAL SHEET SHEET No.....

Campus: ..... Course: ..... Class/Section: ..... Date: .....

Name of Faculty: ..... Name of Subject: ..... Code: .....

Date of Tut. Sheet Preparation:..... Scheduled Date of Tut.:.....Actual Date of Tut. :.....

Name of Student:.....Scheduled & Actual Date of H.A. Submission:.....&.....

	Questions	CO	PO
FIRST 20 MT. CLASS QUESTIONS			
2 HRS. SOLVABLE HOME ASSIGNMENT (H.A.) QUESTIONS			
OTHER IMPORTANT QUESTIONS			

14.10 Mid Term/ End Term Practical Question Paper Format

POORNIMA COLLEGE OF ENGINEERING, JAIPUR

III B.TECH. (VI Sem.) **SET- A**

FIRST MID TERM PRACTICAL EXAMINATION 2021-22

Code: 3CS4-07 Category: PCC Subject Name: Software Engineering

(BRANCH – Computer Engineering

Max. Time: 60 Minutes **Max. Marks: 22 + 8 (Viva) = 30**

NOTE: - All questions are compulsory. Use of Design Data Book is allowed.

Q. No.	Question	Marks	LO	PO
Q.1				
Q.2				
Q.3				

POORNIMA COLLEGE OF ENGINEERING, JAIPUR

III B.TECH. (VI Sem.) **SET- B**

FIRST MID TERM PRACTICAL EXAMINATION 2021-22

Code: 3CS4-07 Category: PCC Subject Name: Software Engineering

(BRANCH – Computer Engineering

Max. Time: 60 Minutes **Max. Marks: 22 + 8 (Viva) = 30**

NOTE: - All questions are compulsory. Use of Design Data Book is allowed.

Q. No.	Question	Marks	LO	PO
Q.1				
Q.2				
Q.3				

14.11 Mid Term Theory Question Paper Format

POORNIMA COLLEGE OF ENGINEERING, JAIPUR

II B.TECH. (III Sem.) **Roll No. _____**

SECOND MID TERM EXAMINATION 2021-22

Code: 3CS1-01 Category: PCC Subject Name–ADVANCE ENGINEERING MATHEMATICS -I

(BRANCH – Computer Engineering)

Course Cred

Max. Time: 2 hrs. **Max. Mark**

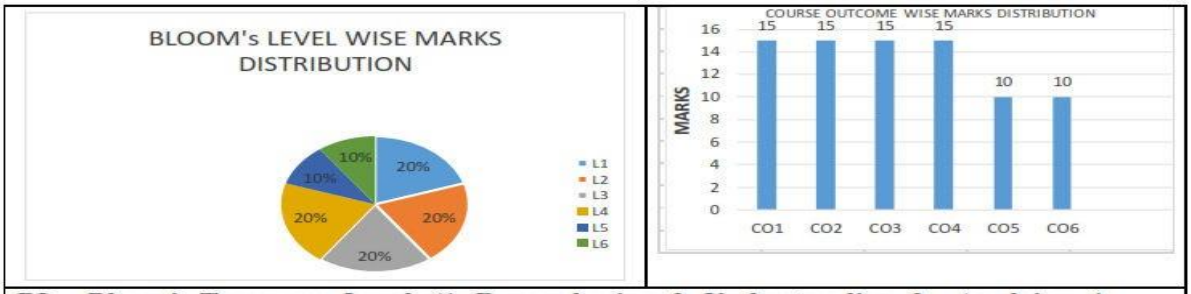
NOTE:- Read the guidelines given with each part carefully.

Course Outcomes (CO):

At the end of the course the student should be able to:

CO1:
CO2:
CO3:
CO4:
CO5:
CO6:

	PART - A: (All questions are compulsory) Max. Marks (10)			
		Marks	CO	BL
Q.1		2		
Q.2		2		
Q.3		2		
Q.4		2		
Q.5		2		
	PART - B: (Attempt 4 questions out of 6) Max. Marks (20)			
Q.6		5		
Q.7		5		
Q.8		5		
Q.9		5		
Q.10		5		
Q.11		5		
	PART - C: (Attempt 3 questions out of 4) Max. Marks (30)			
Q.12		10		
Q.13		10		
Q.14		10		
Q. 15		10		



BL – Bloom's Taxonomy Levels (1- Remembering, 2- Understanding, 3 – Applying, 4 – Analyzing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes; PO – Program Outcomes

15. List of Important Links

List of Important Links		
Sr. No.	**Link**	**Particulars**
1	https://www.rtu.ac.in/index/	Rajasthan Technical University
2	http://www.pce.poornima.org	Institute Website
3	http://www.pce.poornima.org/Downloads.html	Format of Students & Employees
4	https://www.turnitin.com/login_page.asp?lang=en_us	Plagiarism Checker
5	http://pcelibrary.poornima.org/	PCE Digital Library
6	https://ndl.iitkgp.ac.in/	National Digital Library of India (NDLI)
7	https://swayam.gov.in/	SWAYAM MOOCs platform
8	https://www.vlab.co.in/	Virtual Labs
9	https://spoken-tutorial.org/	Spoken Tutorial
10	https://fossee.in/	FOSSEE (Free/Libre and Open Source Software for Education)
11	https://www.sih.gov.in/	Smart India Hackathon
12	https://www.swayamprabha.gov.in/	32 high quality educational channels through DTH on 24X7 basis.
13	https://ieeexplore.ieee.org/Xplore/home.jsp.You	IEEE All Society Periodicals Package
14	https://booksc.org/	Link for Free for book and articles
15	https://jgateplus.com/home/	J-gate Plus (JOURNALS -GATE) subscriptions
16	http://www.delnet.nic.in/	Developing Library Network
17	https://dst.rajasthan.gov.in/content/dst-gov/en/home.html	Department of Science & Technology, Government of Rajasthan

18	https://ipindia.gov.in/index.htm	Official website of Intellectual Property India
19	http://pce.poornima.org/Downloads.html	Academic Formats Word File
Note:- Required Credentials can be taken from Respective Department Heads		