POORNIMA
COLLEGE OF ENGINEERING

Approved by AICTE
Affiliated to Rajasthan Technical University, Kota
Recognized by UGC under Section 2(f) of the UGC Act, 1956

Curriculum Delivery Plans (CDPs)
Department of Computer Engineering
(Odd & Even Semester 2021-22 & Odd Semester 2022-23)

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)
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• Website: www.pce.poornima.org

POORNIMA
COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING

CURRICULUM DELIVERY PLAN

OUTLINE-ODD SEM-2021-22

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)

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Sitapura, JAIPUR

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.

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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 Modelling, 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.

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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	Chairman, DAB-CE	Chairman, IQAC	Dr. Mahesh Bundele	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Member Secretary	Chairman, DAB-CE	Dr. Surendra Kumar Yadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
3	Faculty representative-1	Chairman, DAB-CE	Dr. VeenaYadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
4	Faculty representative-2	Chairman, DAB-CE	Mr.VikramKhandelwal	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
5	Faculty representative-3	Chairman, DAB-CE	Mr. Sumit Kumar	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Faculty representative-4	Chairman, DAB-CE	Ms. Reena Sharma	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
7	Faculty representative-5	Chairman, DAB-CE	Ms. ArchanaSoni	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
8	Faculty representative-6	Chairman, DAB-CE	Ms.UpmaKumari	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
9	Special Invitee	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. NiharikaSaini	TCS
11	Alumni Representative-2	Chairman, DAB-CE	Mr. MananBhargava	IBM
12	Student Representative	Chairman, DAB-CE	Mr. Anubhav Gupta	Final Year CE
13	Industry Representative	Chairman, DAB-CE	Ms. Maneesha	Optum
14	Parents Representative-1	Chairman, DAB-CE	Mr. Nagendra Singh Naruka	Jaipur
15	Parents Representative-2	Chairman, DAB-CE	Mr. JeetendraMathur	Jaipur

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3.1.4 Meeting Frequency & Objectives

Meeting No.	Meeting Code	Meeting Month-Week	Meeting Objective
1.	DAB-1	July First Week	● Consideration of gaps and proposed activities by PAC last meeting to be implemented in DAC and CDP. ● Prepares final draft of CDP and DAC to be proposed in upcoming IQAC meeting
2.	DAB-2	September Second Week	● Approval / Suggestions of proposals from last PAC Meeting. ● Revision of DAB Drafts for being proposed in upcoming GC
3	DAB-3	December First Week	● Draft preparation for DAC and CDP for upcoming semester after considering inputs from PAC. ● Review Semester closure draft from PAC.

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. Surendra Kumar Yadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Member Secretary	Chairman, PAC-CE	Dr. Ajay Kumar Khunteta	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur

3	Faculty representative-1	Chairman, PAC-CE	Dr. VeenaYadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
4	Faculty representative-2	Chairman, PAC-CE	Mr.Amitesh Kumar	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
5	Faculty representative-3	Chairman, PAC-CE	Mr. VikramKhandelwal	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Faculty representative-4	Chairman, PAC-CE	Ms. Reena Sharma	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
7	Faculty representative-5	Chairman, PAC-CE	Ms. ArchanaSoni	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
8	Faculty representative-6	Chairman, PAC-CE	Mr. Gaurav Sharma	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 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
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	October Last Week	● Inclusion of suggestions for revising gaps ● Execution of Academic, Extra and Co-Curricular activities according to suggestions in GC

			• Regular assessment of Academic, Extra and Co-Curricular activities • Regular calculation of attainments • Revision of academics gaps as previous attainment
5.	PAC-5	November Third Week	• 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
6.	PAC-6	December Third Week	• Incorporation of suggestions from IQAC and DAB meetings in execution of Semester activities • Execution and assessment of Academic, Extra and Co-Curricular activities • Revision of academics gaps as previous attainment • Calculation of attainments

4. List of Faculty Members& Technical Staff

S. No.	Name of the Faculty Member	College Emp. ID	Designation	Email Address	MobilePhone
1	DR. MAHESH BUNDELE	2820	PRINCIPAL	maheshbundele@poornima.org	9828999440
2	Dr. VEENA YADAV	4548	PROFESSOR	yveena@gmail.com	9549836161
3	Dr. NEELAM CHAPLOT	6107	PROFESSOR	neelam.chaplot@gmail.com	7976542623
4	Dr. SURENDRA KUMAR YADAV	6113	PROFESSOR	surendra_sky1979@yahoo.com	9314178386
5	Dr. SUNIL GUPTA	1229	PROFESSOR	sunilg95@sify.com	9413806083
6	Dr. AJAY KUMAR KHUNTETA	1104	PROFESSOR	ajay_khunteta@rediffmail.com	9828596101
7	Dr. MITHLESH ARYA	6917	ASSOCIATE PROFESSOR	mithlesharya@gmail.com	9413942204
8	Dr. MADAN Lal SAINI	5688	ASSOCIATE PROFESSOR	ml.saini@gmail.com	9928932486
9	Dr. SHIV AGARWAL	6328	ASSOCIATE PROFESSOR	agarwalshiv83@yahoo.co.in	9460070346
10	Dr. GEETA GANDHI	5341	ASSOCIATE PROFESSOR	geetagandhi@poornima.org	9982251577
11	MS. RENUKA JAIN	1205	ASST PROFESSOR	renukajain@poornima.org	9982724054
12	MR. SANJAY KUMAR GUPTA	1212	ASST PROFESSOR	sanjayk.angel@gmail.com	9829011904
13	MR. SUMIT KUMAR	1278	ASST PROFESSOR	sumitakashmathur@gmail.com	9509027503
14	MR. AMITESH KUMAR	1293	ASST PROFESSOR	amiteshk@poornima.org	9529262120

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16	MR. VIKRAM KHANDELWAL	3309	ASST PROFESSOR	vikram.bmit@gmail.com	9024481346
17	MR. VISHAL CHOUDHARY	5554	ASST PROFESSOR	vishal@poornima.org	7838214334
18	MS. ARCHIKA JAIN	5939	ASST PROFESSOR	archika.jain@poornima.org	7597161891
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20	MR. MUKESH KATARIA	6033	ASST PROFESSOR	mukesh.kataria@poornima.org	8107725249
21	MS. NEHA SHROTRIYA	6148	ASST PROFESSOR	nehashrotriya94@gmail.com	7357733397
22	MS. UPMA KUMARI	6149	ASST PROFESSOR	upma2509.gaur@gmail.com	9785843827
23	MS. NIKITA JAIN	6179	ASST PROFESSOR	nikitagoodjain@gmail.com	9413069023
24	MR. MANISH DUBEY	6242	ASST PROFESSOR	manishdubeycs@gmail.com	9887501342
25	MS. REENA SHARMA	6450	ASST PROFESSOR	shreena275@gmail.com	8233912546
26	MR. MANISH CHOUBISA	6700	ASST PROFESSOR	manish.choubisa@poornima.org	9166242989
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29	Ms. ARCHANA SONI	6877	ASST PROFESSOR	archisoni637@gmail.com	7023470087
30	Mr. JAY PRAKASH SINGH	6903	ASST PROFESSOR	jaykiit.research@gmail.com	9040181944
31	Mr. NIMISH ARVIND	6022	ASST PROFESSOR	nimish.arvind@poornima.org	8696857545
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33	Mr. BHANU PARASHAR	6319	ASST PROFESSOR	er.bhanubhushanparashar@gmail.com	9887783755
34	Ms. REEMA RANI	5686	ASST PROFESSOR	reemarrc@gmail.com	9872590647
35	Mr. Shirish Mohan Dubey	7129	ASST PROFESSOR	shirish.dubey@poornima.org	9425757459
36	MS. ARCHANA BHARDWAJ	7127	ASST PROFESSOR	archana.bhardwaj@poornima.org	9460018038
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38	MR. GAURAV SHARMA	6961	ASST PROFESSOR	gaurav.sharma@poornima.org	9413107600
39	Mr. DEEPAK BABERWAL	2833	ASST PROFESSOR	deepakbaberwal01@gmail.com	9785079541

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4 Institute Academic Calendar

JULY 2021

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

AUGUST 2021

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 2021

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 2021

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

NOVEMBER 2021

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 2021

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	

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ACADEMIC CALENDAR 2021-22*#

ODD SEMESTER

JULY 2021

RTU THEORY EXAMINATION OF FINAL YEAR [EVEN SEM 2021]

AUGUST 2021

Sunday, 01 to Monday 30	Practical Training [After VI Sem.] [Online]
Sunday, 15	Celebration of Independence Day

SEPTEMBER 2021

Wednesday 01 to 15	Practical Training [After II Sem.] [Online]
Wednesday 01 to 15	Practical Training [After IV Sem.] [Online]
Wednesday 01	Commencement of Classes - B. Tech. VII Sem.
Monday 20	Commencement of Classes - B. Tech. V Sem.
Monday 20	Commencement of Classes - B. Tech. III Sem.
Wednesday 01 to Saturday 04	Orientation programme-B. Tech. VII Sem.
Monday 20 to Saturday 25	Orientation programme-B. Tech. V & III Sem.
Sunday 05	Faculty Felicitation Program, Celebration of Teachers' Day, Blood Donation Camp & activities under WISE
Wednesday 15	Engineers' Day • Manthan- Inter-college Debate Competition

OCTOBER 2021

Saturday 02	Annual Day KALANIDHI' 2020 & Prize distribution ceremony
Monday 18 to Thursday 21	Department Day (PCE)
Friday 22 to Saturday 23	Department Day (PIET)
Monday 25 to Saturday 30	I - Mid Term Theory & Practical Exam for B.Tech VII Sem

NOVEMBER 2021

Thursday 11 to Wednesday 17	I - Mid Term Theory & Practical Exam for B.Tech V & III Sem

DECEMBER 2021

Saturday 18 to Friday 24	II - Mid-TermTheory & Practical Exam for B.Tech VII Sem
Saturday 25	Last Teaching Day for B.Tech VII Sem

JANUARY 2022

Monday 03 to Wednesday 05	End-Term Practical Exams for B.Tech VII Sem
Monday 03 to Saturday 08	II - Mid Term Theory & Practical Exam for B.Tech V & III Sem
Saturday 15	Last Teaching Day for B.Tech V & III Sem
Thursday 20 Saturday 22	End-Term Practical Examination for B.Tech V & III Sem

HOLIDAYS IN ODD SEMESTER 2021-22

1	Bakri Id / Eid ul-Adha	Wednesday, July 21, 2021
2	Raksha Bandhan	Sunday, August 22, 2021
3	Vijay Dashmi	Friday, October 15, 2021
4	Diwali Break	Monday, November 01 to Saturday, 06, 2021

HOLIDAYS IN EVEN SEMESTER 2021-22

1	Winter Break	As per RTU Examination Schedule
2	Makar Sankranti	Friday, January 14, 2022
3	Celebration of Republic Day	Wednesday, January 26, 2022
4	Holi	Saturday, March 19 to Sunday, March 20, 2022
5	Ramzan Id/Eid-ul-Fitar	Tuesday, May 3, 2022
6	Summer Break	As per RTU Examination Schedule

*Subject to revision as per RTU notifications

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5 Department Activity Calendar

Poornima College of Engineering, Jaipur

Calendar for Computer Engineering : Odd Semester - Session 2021-22

(A) Academic Processes

S. No.	Activity/ Process	B.Tech. I Sem.	B.Tech. III Sem.	B.Tech. V Sem.	B.Tech. VII Sem.
1	Date of Registration & start of regular classes for students	Yet to be decided as per RTU calendar	Monday 20, September 2021	Monday 20, September 2021	Wednesday 01,
2	Orientation programme	Yet to be decided as per RTU calendar	Monday 20 to Saturday 25, September 2021	Monday 20 to Saturday 25, September 2021	Wednesday 01 to
3	Date of submission of question papers by faculty members to secrecy for 1st Mid-		Saturday 30, October 2021	Saturday 30, October 2021	Monday 18, October 2021
4	I Mid Term Theory & Practical Exam	Yet to be decided as per RTU calendar	Thursday 11 to Wednesday 17, November 2021	Thursday 11 to Wednesday 17, November	Monday 25 to Saturday
5	Showing evaluated answer books of 1st Mid-term exam to students in respective		Wednesday 24, November 2021	Wednesday 24, November 2021	Wednesday 10,
6	Last date of submission of Evaluated Answer Books and Mark of First Mid-term Theory & Practical exam to Exam and		Monday 29, November 2021	Monday 29, November 2021	Monday 15, November 2021
7	Date of submission of question papers by faculty members to secrecy for 2nd Mid-		Monday 27, December 2021	Monday 27, December 2021	Saturday 11, December
8	Revision classes	To be declared later according to RTU Exam Schedule			
9	Last Teaching Day	Yet to be decided as per RTU calendar	Saturday 15, January 2022	Saturday 15, January 2022	Saturday 25, December
10	2nd Mid-term theory & Practical Exams	Yet to be decided as per RTU calendar	Monday 03 to Saturday 08, January 2022	Monday 03 to Saturday 08, January 2022	Saturday 18 to Friday 24, December
11	End-Term Practical Exams	Yet to be decided as per RTU calendar	Thursday 20 Saturday 22, January 2022	Thursday 20 Saturday 22, January 2022	Monday 03 to Wednesday

(B) Events and Activities

12	Training on Microsoft Team		27th September,2021		
13	Expert Lecture on workshop on A Fast Guide on Writing LaTeX				4th October,202
14	Expert Lecture on Human Values and Ethics		11th October,2021		
15	Expert Lecture on Soft Skill for Corporate World		19th October,2021		
16	Training on Google Meet Use		2nd November,2021		
17	Workshop on Turnitin		8th November,2021		
18	Hindi Diwas		Tuesday, September 14, 2021		
19	Teacher's Day Celebration		Sunday, September 05, 2021		
20	Expert talk on A Vision Towards Optimization Of Ontological C		July 17 ,2021		
21	Teacher's Day Celebration		September 6 ,2021		
22					
23	Expert talk on Objects and Human Faces detection using Mach		11-Sep-21		
24	Engineer's Day Celebration		September 15 ,2021		
25	STTP report on Cloud Infra and Blockchain				Nov. 15 to
26	Expert Lecture on Physics Concepts: Seeing is Beliveing			Dec. 15 , 2021	
27	Expert Lecture on "Cloud Computing and Innovation"		Dec. 23 , 2021		
28					
29					

(C) Holidays

30	Eid-ul-Fitar	Wednesday, July 21, 2021
31	Raksha Bandhan	Sunday, August 22, 2021
32	Vijay Dashmi	Friday, October 15, 2021

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6 Teaching Scheme

6.1 RTU Teaching Scheme

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

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

THEORY												
SN	**Category**	**Course**		**Contact hrs/week**			**Marks**				**Cr**
		Code	**Title**	**L**	**T**	**P**	**Exm Hrs**	**IA**	**ETE**	**Total**	
1	BSC	3CSD2-01	Advanced Engineering Mathematics	3	0	0	3	30	70	**100**	**3**
2	HSMC	3CSD1-02/ 3CSD1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	3	30	70	**100**	**2**
3	ESC	3CSD3-04	Digital Electronics	3	0	0	3	30	70	**100**	**3**
4	PCC	3CSD4-05	Data Structures and Algorithms	3	0	0	3	30	70	**100**	**3**
5		3CSD4-06	Object Oriented Programming	3	0	0	3	30	70	**100**	**3**
6		3CSD4-07	Software Engineering	3	0	0	3	30	70	**100**	**3**
			Sub Total	**17**	**0**	**0**					**17**
PRACTICAL & SESSIONAL											
7	PCC	3CSD4-21	Data Structures and Algorithms Lab	0	0	3		60	40	**100**	**1.5**
8		3CSD4-22	Object Oriented Programming Lab	0	0	3		60	40	**100**	**1.5**
9		3CSD4-23	Software Engineering Lab	0	0	3		60	40	**100**	**1.5**
10		3CSD4-24	Digital Electronics Lab	0	0	3		60	40	**100**	**1.5**
11	PSIT	3CSD7-30	Industrial Training	0	0	1		60	40	**100**	**1**
12	SODECA	3CSD8-00	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

Scheme of 2nd Year B. Tech. (CSD) for students admitted in Session 2021-22 onwards. Page 1

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RAJASTHAN TECHNICAL UNIVERSITY, KOTA

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

SN	Category	Course Code	Course Title	Contact hrs/week L	T	P	Marks Exm Hrs	IA	ETE	Total	Cr
THEORY											
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*

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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*

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7 PCE Teaching Scheme

Teaching Scheme of ODD Semester 2021-22 (CSE)

Year	Sem	Students	Teaching Scheme				Course Name	Subject Code	No. of Sec	No. of Batch	Batch Size (T/H/	Total Loa	Total Load (T)	Total Load (P)	Total Load (L+T+P	Teaching Dept.
			L	T	P	Credi										
2	3	**221**	3	0	0	3	Advanced Engineering Mathematics	3CS2-01	3	9	F	9	0	0	9	Maths
2	3	**221**	2	0	0	2	Managerial Economics and Financial	3CS1-03	3	9	F	6	0	0	6	Humanities
2	3	**221**	3	0	0	3	Digital Electronics	3CS3-04	3	9	F	9	0	0	9	ECE
2	3	**221**	3	0	0	3	Data Structures and Algorithms	3CS4-05	3	9	F	9	0	0	9	CS
2	3	**221**	3	0	0	3	Object Oriented Programming	3CS4-06	3	9	F	9	0	0	9	CS
2	3	**221**	3	0	0	3	Software Engineering	3CS4-07	3	9	F	9	0	0	9	CS
2	3	**221**	0	0	3	1.5	Data Structures and Algorithms	3CS4-21	3	9	T	0	0	27	27	CS
2	3	**221**	0	0	3	1.5	Object Oriented Programming Lab	3CS4-22	3	9	T	0	0	27	27	CS
2	3	**221**	0	0	3	1.5	Object Oriented Programming Lab	3CS4-23	3	9	T	0	0	27	27	CS
2	3	**221**	0	0	3	1.5	Digital Electronics Lab	3CS4-24	3	9	T	0	0	27	27	ECE
2	3	**221**	0	0	1	1	Industrial Training /NSP	3CS7-30	3	9	T	0	0	9	9	CS
									TOTAL LOAD FOR II YEAR - III SEM						**168**	
3	5	**208**	**3**	0	0	2	Information Theory & Coding	5CS3-01	3	9	F	9	0	0	9	ECE
3	5	**208**	**4**	0	0	3	Compiler Design	5CS4-02	3	9	F	12	0	0	12	CS
3	5	**208**	**4**	0	0	3	Operating System	5CS4-03	3	9	F	12	0	0	12	CS
3	5	**208**	3	0	0	3	Computer Graphics & Multimedia	5CS4-04	3	9	F	9	0	0	9	CS
3	5	**208**	**4**	0	0	3	Analysis of Algorithms	5CS4-05	3	9	F	12	0	0	12	CS
3	5	**208**	2	0	0	2	Wireless Communication (Elective 1) / Human-Computer Interaction	5CS5-11/ 5CS5-12/	3	9	F	6	0	0	6	ECE/CS (2 + 4)
3	5	**208**	0	0	2	1	Computer Graphics & Multimedia Lab	5CS4-21	3	9	F	0	0	18	18	CS
3	5	**208**	0	0	2	1	Compiler Design Lab	5CS4-22	3	9	T	0	0	18	18	CS
3	5	**208**	0	0	2	1	Analysis of Algorithms Lab	5CS4-23	3	9	T	0	0	18	18	CS
3	5	**208**	0	0	2	1	Advance Java Lab	5CS4-24	3	9	T	0	0	18	18	CS
3	5	**208**	0	0	**2**	2.5	Industrial Training/NSP	5CS7-30	3	9	T	0	0	18	18	CS
									TOTAL LOAD FOR III YEAR - V SEM						**150**	
4	7	**200**	3	0	0	3	Internet of Things	7CS4-01	3	9	F	9	0	0	9	CSE
4	7	**200**	3	0	0	3	Open Elective - I		2		F	6	0	0	6	CSE
4	7	**200**	0	0	4	2	Internet of Things Lab	7CS4-21	3	9	T	0	0	36	36	CSE
4	7	**200**	0	0	4	2	Cyber Security Lab	7CS4-22	3	9	T	0	0	36	36	CSE
4	7	**200**	0	0	1	2.5	Industrial Training	7CS7-30	3	9	T	0	0	9	9	CSE
4	7	**200**	0	0	2	2	Seminar	7CS7-40	3	9	T	0	0	18	18	CSE
4	7	**200**			3		NSP		3	9	T	0	0	27	27	CSE
									TOTAL LOAD FOR IV YEAR - VII SEM						**141**	

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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.

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8 Department Load Allocation

POORNIMA COLLEGE OF ENGINEERING, JAIPUR									
Department of Computer & Engineering									
Load Sheet of Session 2021-22 (ODD									
Sr. No.	**Faculty Name**	**Subject(s)**	**Subject Code**	**Section**	**L**	**T**	**P**	**Load Per Week**	**Total Load**
1	Dr. Surendra Kumar Yadav	OOP Lab	3CS4-22	C	0	0	4	4	6
		OOP	3CS4-06	C	2	0	0	2	
2	Mr Manish Dubey	IOT	7CS4-01	B	3	0	0	3	13
		IOT Lab	7CS4-21	B	0	0	6	6	
		Industrial Training	7CS7-30	B	0	0	2	2	
		NSP	NSP	B1	0	0	2	2	
3	Dr. Mithlesh Arya	Industrial Training	7CS7-30	C1	0	0	1	1	6
		NSP	NSP	A	0	0	1	1	
		DSA	3CS4-05	C	2	0	0	2	
		DSA LAB	3CS4-21	C2	0	0	2	2	
4	Ms. Neha Shrotriya	Seminar	7CS7-30	C1	0	0	2	2	8
		DSA	3CS4-05	A	2	0	0	2	
		DSA LAB	3CS4-21	A2	0	0	2	2	
		DSA LAB	3CS4-21	C1	0	0	2	2	
5	Mr. Mukesh Kataria	CS LAB	7CS4-22	B	0	0	6	6	10
		DSA	3CS4-05	B	2	0	0	2	
		DSA LAB	3CS4-21	B1	0	0	2	2	
6	Mr Vishal Choudhary	Seminar	7CS7-30	A	0	0	2	2	14
		IOT	7CS4-01	C	3	0	0	3	
		IOT Lab	7CS4-21	C1	0	0	3	3	
		Ad. JAVA Lab	5CS4-24	A2	0	0	2	2	
		SE	3CS4-07	C	2	0	0	2	
		SE LAB	3CS4-23	C2	0	0	2	2	
7	Mr Gaurav Sharma	NSP	NSP	A2	0	0	1	1	8
		AOA	5CS4-05	C	2	0	0	2	
		AOA LAB	5CS4-23	C	0	0	4	4	
		Industrial Training	3CS7-30	C1	0	0	1	1	
8	Ms. Reena Sharma	IOT	7CS4-01	A	3	0	0	3	13
		IOT Lab	7CS4-21	A	0	0	6	6	
		ITC	5CS3-01	A	2	0	0	2	
		ITC	5CS3-01	B	2	0	0	2	
9	Ms. Nikita Jain	Seminar	7CS7-30	B	0	0	2	2	10
		Project	NSP	B	0	0	2	2	
		CGMT LAB	5CS4-21	A	0	0	2	2	
		OOP	3CS4-06	B	2	0	0	2	
		OOP Lab	3CS4-22	B1	0	0	2	2	
10	MS. ARCHIKA JAIN	OS	5CS4-03	C	2	0	0	2	9
		CS Lab	7CS4-22	A	0	0	3	3	
		OOP	3CS4-06	A	2	0	0	2	
		OOP Lab	3CS4-22	A2	0	0	2	2	

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11	Mr.Manish Choubisa	OS	5CS4-03	B	2	0	0	2	13
		Industrial Training	7CS7-30	A	0	0	3	3	
		CS LAB	7CS4-22	C	0	0	6	6	
		NSP	NSP	B	0	0	2	2	
12	Ms. Sonam Gour	Seminar	7CS7-30	A1	0	0	2	2	8
		PROJECT	NSP	A	0	0	2	2	
		DE	3CS3-04	A	2	0	0	2	
		DE LAB	3CS4-24	A2	0	0	2	2	
13	Ms Archana Soni	CGMT	5CS4-04	B	2	0	0	2	9
		CGMT LAB	5CS4-21	B	0	0	4	4	
		DSA LAB	3CS4-21	A1	0	0	2	2	
		Industrial Training	3CS7-30	C2	0	0	1	1	
14	Ms. Barkha Narang	Industrial Training	7CS7-30	C2	0	0	1	1	7
		AOA	5CS4-05	A	2	0	0	2	
		AOA LAB	5CS4-23	A	0	0	4	4	
15	Dr Kamlesh Gautam	Industrial Training	5CS7-30	B	0	0	2	2	6
		Industrial Training	5CS7-30	C1	0	0	2	2	
		DE LAB	3CS4-24	A1	0	0	2	2	
16	Mr. Arvind Singh Rajpoot	CD	5CS4-02	A	2	0	0	2	6
		CD LAB	5CS4-22	A1	0	0	2	2	
		CD LAB	5CS4-22	C2	0	0	2	2	
17	Ms. UPMA KUMARI	CS LAB	7CS4-22	A	0	0	3	3	8
		HCI	Elective	C	2	0	0	2	
		NSP	NSP	A	0	0	1	1	
		NSP	NSP	B1	0	0	2	2	
18	Dr. Geeta Gandhi	Project	NSP	A	0	0	2	2	7
		Seminar	7CS7-30	A	0	0	2	2	
		NSP	NSP	B	0	0	1	1	
		NSP	NSP	B1	0	0	2	2	
19	Dr. Abhishek Sharma	PROJECT	NSP	B	0	0	2	2	8
		PROJECT	NSP	C2	0	0	2	2	
		DE	3CS3-04	B	2	0	0	2	
		DE LAB	3CS4-24	B1	0	0	2	2	
20	Mr. Puspendra Mudgal	Industrial Training	7CS7-30	B	0	0	1	1	6
		CD LAB	5CS4-22	A2	0	0	2	2	
		NSP	NSP	A	0	0	1	1	
		NSP	NSP	B1	0	0	2	2	
21	Mr. Vikam Khandelwal	Seminar	7CS7-40	B	0	0	1	1	6
		Ad. JAVA Lab	5CS4-24	A1	0	0	2	2	
		Industrial Training	3CS7-30	A2	0	0	1	1	
		NSP	NSP	B1	0	0	2	2	
22	Mr. Pawan Patidar	Industrial Training	7CS7-30	B	0	0	1	1	7
		CGMT	5CS4-04	A	2	0	0	2	
		CGMT LAB	5CS4-21	A2	0	0	2	2	
		SE LAB	3CS4-23	A2	0	0	2	2	

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23	Mr. Jay Prakash Singh	Seminar	7CS7-40	B	0	0	1	1	4
		WCN	Elective	A	2	0	0	2	
		Industrial Training	3CS7-30	A1	0	0	1	1	
24	Mr. Ravi Kumar	Project	NSP	C1	0	0	2	2	8
		NSP	NSP	A2	0	0	1	1	
		CD	5CS4-02	C	2	0	0	2	
		CD LAB	5CS4-22	C1	0	0	2	2	
		NSP	NSP	B	0	0	1	1	
25	Mr. Sakar Gupta	Industrial Training	7CS7-30	C1	0	0	1	1	7
		Industrial Training	5CS7-30	B2	0	0	2	2	
		DE	3CS3-04	C	2	0	0	2	
		DE LAB	3CS4-24	C1	0	0	2	2	
26	Mr. Shirish Mohan Dubey	Industrial Training	7CS7-30	C2	0	0	1	1	7
		AOA	5CS4-05	B	2	0	0	2	
		AOA LAB	5CS4-23	B1	0	0	2	2	
		OOP Lab	3CS4-22	B2	0	0	2	2	
27	Dr. Shiv Agarwal	IOT Lab	7CS4-21	C2	0	0	3	3	9
		NSP	NSP	A1	0	0	1	1	
		CGMT	5CS4-04	C	2	0	0	2	
		CGMT LAB	5CS4-21	C1	0	0	2	2	
		Industrial Training	3CS7-30	B	0	0	1	1	
28	Mr. Nimish Arvind	Seminar	7CS7-30	C2	0	0	2	2	7
		IT	5CS7-30	A	0	0	2	2	
		CGMT LAB	5CS4-21	C2	0	0	2	2	
		NSP	NSP	B	0	0	1	1	
29	Dr. Madan Lal Saini	OS	5CS4-03	A	2	0	0	2	7
		CD	5CS4-02	B	2	0	0	2	
		CD LAB	5CS4-22	B2	0	0	2	2	
		NSP	NSP	A	0	0	1	1	
30	Dr. Ajay Kumar Khunteta	IT	5CS7-30	A1	0	0	1	1	2
		Industrial Training	3CS7-30	B	0	0	1	1	
31	Dr. Sunil Gupta	IT	5CS7-30	A2	0	0	1	1	6
		NSP	NSP	C	0	0	4	4	
		NSP	NSP	B	0	0	1	1	
32	Mr. Suresh Vyas	NSP	NSP	A1	0	0	1	1	7
		Ad. JAVA Lab	5CS4-24	B	0	0	4	4	
		DSA LAB	3CS4-21	B2	0	0	2	2	
33	Dr. Veena Yadav	CD LAB	5CS4-22	B1	0	0	2	2	6
		SE LAB	3CS4-23	C1	0	0	2	2	
		OOP Lab	3CS4-22	A1	0	0	2	2	
34	Ms. Archna Bhardwaj	AOA LAB	5CS4-23	B1	0	0	2	2	6
		Industrial Training	5CS7-30	C2	0	0	2	2	
		SE LAB	3CS4-23	B2	0	0	2	2	
35	Dr. Neelam Chaplot	HCI	Elective		2	0	0	2	10
		SE	3CS4-07	A	2	0	0	2	
		SE LAB	3CS4-23	A1	0	0	2	2	
		SE	3CS4-07	B	2	0	0	2	
		SE LAB	3CS4-23	B1	0	0	2	2	

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37	Mr. Raj Kumar Jain	DE LAB	3CS4-24	B2	0	0	2	2	6
		NSP	NSP	C1	0	0	2	2	
		DE LAB	3CS4-24	C2	0	0	2	2	
38	Dr. Shilpi Jain	AEM	3CS2-01	A	2	2	0	4	8
		AEM	3CS2-01	C	2	2	0	4	
39	Ms. Anu Arorra	AEM	3CS2-01	B	2	2	0	4	4
40	Ms. Kalpana Sharma	MEFA	3CS1-03	A	2	0	0	2	6
		MEFA	3CS1-03	B	2	0	0	2	
		MEFA	3CS1-03	C	2	0	0	2	

9 Time Table

9.1 Orientation Time Table

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
II YEAR III-A

Tutor Name: Ms.Archika Jain
WEF: 20.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	ACTIVITY Ms.Archika Jain	NSP GUIDELINES Ms.Sonam Gaur	NBA INTERACTION Dr.Neelam Chaplot	LUNCH BREAK	DATA STRUCTURE AND ALGORITHMS 3CS4-05 Ms.Neha Shrotriya	SOFTWARE ENGINEERING 3CS4-07 Dr.Neelam Chaplot
Tu	PLACEMENT INTERACTION Dr.Sunil Gupta	MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTING 3CS1-03 Ms.Kalpana Sharma	ADVANCED ENGINEERING MATHEMATICS Dr.Shuchi Dave		DIGITAL ELECTRONICS-3CS3-04 Ms.Sonam Gaur	ACTIVITY Ms.Archika Jain
We	INTERNSHIP INTERACTION Mr.Manish Choubisa	HoD/Dy.Hod/ TutorInteraction Ms.Archika Jain	DATA STRUCTURE AND ALGORITHM LAB 3CS4-21 Ms.Neha Shrotriya		NPTELGUIDELINES Ms.Monika Goyal	OBJECT ORIENTED PROGRAMMING-3CS4-06 Ms.Archika Jain

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
II YEAR III-B

Tutor Name: Ms.Nikita Jain
WEF: 20.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	DIGITAL ELECTRONICS-3CS3-04 Ms.Sonam Gaur	HoD/Dy.Hod/ Tutor Interaction Ms.Nikita Jain	ACTIVITY Ms.Nikita Jain	LUNCH BREAK	DATA STRUCTURE AND ALGORITHMS 3CS4-05 Mr.Mukesh Kataria	NSP GUIDELINES Ms.Sonam Gaur
Tu	DATA STRUCTURE AND ALGORITHM LAB-3CS4-21 Mr.Mukesh Kataria	PLACEMENT INTERACTION Dr.Sunil Gupta	MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTING 3CS1-03 Ms.Kalpana Sharma		OBJECT ORIENTED PROGRAMMING-3CS4-06 Ms.Nikita Jain	NPTEL GUIDELINES Ms.Monika Goyal
We	ACTIVITY Ms.Nikita Jain	INTERNSHIP INTERACTION Mr.Manish Choubisa	ADVANCED ENGINEERING MATHEMATICS Dr.Shuchi Dave		SOFTWARE ENGINEERING 3CS4-07 Dr.Neelam Chaplot	NBA INTERACTION Dr.Neelam Chaplot

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
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II YEAR III-C

Tutor Name: Ms.Neha Shrotriya
WEF:20.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	PLACEMENT INTERACTION Dr.Sunil Gupta	NBA INTERACTION Dr.Neelam Chaplot	HoD/Dy.Hod/ TUTOR INTERACTION Ms.Neha Shrotriya	LUNCH BREAK	DIGITAL ELECTRONICS LAB- 3CS4-24 Ms.Urooj Sultana	NPTEL GUIDELINES Ms.Monika Goyal
Tu	DIGITAL ELECTRONICS 3CS3-04 Ms.Urooj Sultana	ACTIVITY Ms.Neha Shrotriya	OBJECT ORIENTED PROGRAMMING-3CS4-06 Dr.Surendra Kumar Yadav		DATA STRUCTURE AND ALGORITHMS 3CS4-05 Ms.Neha Shrotriya	SOFTWARE ENGINEERING 3CS4-07 Mr.Vishal Choudhary
We	MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTING 3CS1-03 Ms.Kalpana Sharma	NSP GUIDELINES Ms.Sonam Gaur	INTERNSHIP INTERACTION Mr.Manish Choubisa		ADVANCED ENGINEERING MATHEMATICS Dr.Shilpi Jain	ACTIVITY Ms.Neha Shrotriya

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III YEAR V-A

Tutor Name: Ms.Reena Sharma
WEF: 20.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	HoD/Dy.Hod/Tut orInteraction Ms.Reena Sharma	NPTEL GUIDELINES Ms.Monika Goyal	COMPILER DESIGN LAB-5CS4-22 Mr.Arvind Rajpoot	LUNCH BREAK	INFORMATION THEORY AND CODING-5CS3-01 Ms.Reena Sharma	COMPUTER GRAPHICS AND MANAGEMENT TECHNIQUES-5CS4-04 Ms.Nikita Jain
Tu	INDUSTRIAL TRAINING-5CS7-30 Ms.Reena Sharma	INTERNSHIP INTERACTION Mr.Manish Choubisa	PLACEMENT INTERACTION Dr.Sunil Gupta		COMPILER DESIGN-5CS4-02 Mr.Arvind Rajpoot	ANALYSISOF ALGORITHMS LAB-5CS4-23 Dr.Sunil Gupta
We	NBA INTERACTION Dr.Neelam Chaplot	COMPUTER GRAPHICS AND MULTIMEDIA LAB-5CS4-21 Ms.Nikita Jain	OPERATING SYSTEM-5CS4-04 Harish Lakshakar		ADVANCED JAVA LAB 5CS4-24 Mr.Vishal Choudhary	ANALYSIS OF ALGORITHMS-5CS4-05 Dr.Sunil Gupta

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III YEAR V-B

Tutor Name: Ms.Monika Goyal
WEF:20.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	NBA INTERACTION Dr.Neelam Chaplot	PLACEMENT INTERACTION Dr.Sunil Gupta	COMPILER DESIGN-5CS4-02 Harish Lashkar	LUNCH BREAK	ANALYSISOF ALGORITHMS LAB-5CS4-23 Mr.Arvind Rajpoot	INFORMATION THEORY AND CODING 5CS3-01 Ms.Reena Sharma
Tu	COMPILER DESIGN LAB-5CS4-22 Harish Lakshakar	INDUSTRIAL TRAINING-5CS7-30 Ms.Monika Goyal	HoD/Dy.Hod/Tut orInteraction Ms.Monika Goyal		COMPUTER GRAPHICS AND MANAGEMENT TECHNIQUES 5CS4-04 Ms.Monika Goyal	INTERNSHIP INTERACTION Mr.Manish Choubisa
We	NPTEL GUIDELINES Ms.Monika Goyal	COMPUTER GRAPHICS AND MULTIMEDIA LAB 5CS4-21 Ms.Monika Goyal	ADVANCED JAVA LAB-5CS4-24 Dr.Neelam Chaplot		ANALYSIS OF ALGORITHMS-5CS4-05 Mr.Arvind Rajpoot	OPERATING SYSTEM-5CS4-04 Mr.Manish Choubisa

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III YEAR V-C

Tutor Name: Ms.Sonam Gour
WEF: 20.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	NPTEL GUIDELINES Ms.Monika Goyal	INDUSTRIAL TRAINING-5CS7-30 Harish Lakshakar	PLACEMENT INTERACTION Dr.Sunil Gupta	LUNCH BREAK	INFORMATION THEORY AND CODING-5CS3-01 Ms.Sonam Gaur	OPERATING SYSTEM-5CS4-04 Ms.Archika Jain
Tu	COMPUTER GRAPHICS AND MULTIMEDIA LAB-5CS4-21 Ms.Monika Goyal	COMPILER DESIGN LAB-5CS4-22 Mr.Arvind Rajpoot	INTERNSHIP INTERACTION Mr.Manish Choubisa		ANALYSIS OF ALGORITHMS-5CS4-05 Dr.Sunil Gupta	COMPILER DESIGN 5CS4-02 Mr.Arvind Rajpoot
We	HoD/Dy.Hod/Tut orInteraction Ms.Sonam Gaur	NBA INTERACTION Dr.Neelam Chaplot	COMPUTER GRAPHICS AND MANAGEMENT TECHNIQUES-5CS4-04 Ms.Monika Goyal		ANALYSISOF ALGORITHMS LAB-5CS4-23 Dr.Sunil Gupta	ADVANCED JAVA LAB-5CS4-24 Harish Lakshakar

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-A

Tutor Name: Dr.Sunil Gupta
WEF: 06-09-2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Monday 06-09-2021	HoD/Dy.HoD /Tutor Interaction Dr.Sunil Gupta	NBA Interaction Dr.Neelam Chaplot	Placement Interaction Dr.Sunil Gupta	LUNCH BREAK	Internet of Things Ms.Reena Sharma	Seminar Mr.Manish Dubey
Tuesday 07-09-2021	Add-on Course Preparation Ms.Monika Goyal	Internship Interaction Mr.Manish Choubisa	Activity Dr.Sunil Gupta		Industrial Training Ms.Archika Jain	Cyber Security Lab Ms.Archika Jain
Wednesday 08-09-2021	NPTEL Guidelines Ms.Monika Goyal	Project Guidelines Ms.Nikita Jain	HoD/Dy.HoD /Tutor Interaction Dr.Sunil Gupta		Internetof Things Lab Ms.Reena Sharma	PROJECT Dr.Surendra Kumar Yadav

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-B

Tutor Name: Mr.Mukesh Kataia
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Monday 06-09-2021	HoD/Dy.HoD /Tutor Interaction Mr.Mukesh Kataria	Internship Interaction Mr.Manish Choubisa	Add-on Course Preparation Ms.Monika Goyal	LUNCH BREAK	Industrial Training Mr.Mukesh Kataria	Seminar Ms.Nikita Jain
Tuesday 07-09-2021	Placement Interaction Dr.Sunil Gupta	Project Guidelines Ms.Nikita Jain	Activity Mr.Mukesh Kataria		Cyber Security Lab Mr.Arvind Rajpoot	Internetof Things Lab Mr.Manish Dubey
Wednesday 08-09-2021	NBA Interaction Dr.Neelam Chaplot	HoD/Dy.HoD /Tutor Interaction Mr.Mukesh Kataria	NPTEL Guidelines Ms.Monika Goyal		PROJECT Mr.Manish Choubisa	Internet of Things Mr.Manish Dubey

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-C

Tutor Name: Mr.Vishal Choudhary
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Monday 06-09-2021	NPTEL Guidelines Ms.Monika Goyal	Activity Mr.Vishal Choudhary	Project Guidelines Ms.Nikita Jain	LUNCH BREAK	Internet of Things Mr.Vishal Choudhary	Industrial Training Dr.Surendra Kumar Yadav
Tuesday 07-09-2021	NBA Interaction Dr.Neelam Chaplot	HoD/Dy.HoD /Tutor Interaction Mr.Vishal Choudhary	Add-on Course Preparation Ms.Monika Goyal		Internetof Things Lab Mr.Vishal Choudhary	Cyber Security Lab Mr.Manish Choubisa
Wednesday 08-09-2021	Placement Interaction Dr.Sunil Gupta	Internship Interaction Mr.Manish Choubisa	HoD/Dy.HoD /Tutor Interaction Mr.Vishal Choudhary		Seminar Ms.Neha Shrotriya	PROJECT Ms.Nikita Jain

Time Table Coordinators: Ms. Nikita Jain, Ms. Neha Shrotriya, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Prof. Pankaj Dhemla, Vice Principal, PCE, Dr. Mahesh Bundele, Director, PCE

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9.2 Academic Time Table

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
II YEAR III-A

Tutor Name: Mr. Gaurav Sharma
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	LUNCH 12:00 - 12:30	4 12:30 - 13:30	5 13:30 - 14:30
Mo	OOP-3CS4-06 Ms.Archika Jain	DSA-3CS4-05 Ms.Neha Shrotriya	AEM-3CS2-01 Dr. Shilpi Jain	LUNCH BREAK	NSP Mr. Pushpendra Mudgal	SE-3CS4-07 Dr.Neelam Chaplot
Tu	DE-3CS3-04 Ms.Sonam Gaur	DSA-3CS4-05 Ms.Neha Shrotriya	SE-3CS4-07 Dr.Neelam Chaplot		MEFA -3CS1-03 Ms.Kalpana Sharma	NSP GUIDE INTERACTION
We	AEM-3CS2-01 Dr. Shilpi Jain	OOP-3CS4-06 Ms.Archika Jain	DSA-3CS4-05 Ms.Neha Shrotriya		SE-3CS4-07 Dr.Neelam Chaplot	II YEAR III-A1 DE LAB-3CS4-24 Ms.Sonam Gaur II YEAR III-A2 SE LAB-3CS4-23 Dr.Neelam Chaplot II YEAR III-A3 DSA LAB-3CS4-21 Ms.Neha Shrotriya
Th	II YEAR III-A1 DSA LAB-3CS4-21 Ms.Neha Shrotriya II YEAR III-A2 DE LAB-3CS4-24 Ms.Sonam Gaur II YEAR III-A3 OOP LAB-3CS4-22 Ms.Archika Jain	DE-3CS3-04 Ms.Sonam Gaur	OOP-3CS4-06 Ms.Archika Jain		MEFA -3CS1-03 Ms.Kalpana Sharma	II YEAR III-A1 SE LAB-3CS4-23 Dr.Neelam Chaplot II YEAR III-A2 OOP LAB-3CS4-22 Ms.Archika Jain II YEAR III-A3 DE LAB-3CS4-24 Ms.Sonam Gaur
Fr	AEM-3CS2-01 Dr. Shilpi Jain	DE-3CS3-04 Ms.Sonam Gaur	INDUSTRIAL TRAINING-3CS7-30 Mr. Gaurav Sharma		II YEAR III-A1 OOP LAB-3CS4-22 Ms.Archika Jain II YEAR III-A2 DSA LAB-3CS4-21 Ms.Neha Shrotriya II YEAR III-A3 SE LAB-3CS4-23 Dr.Neelam Chaplot	NSP GUIDE INTERACTION
Sa	I-3 Acitvity				I-3 Acitvity	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
II YEAR III-B

Tutor Name: Mr. Vikram Khandelwal
WEF:06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	LUNCH 12:00 - 12:30	4 12:30 - 13:30	5 13:30 - 14:30
Mo	DE-3CS3-04 Dr. Abhishek Sharma	II YEAR III-B1 OOP LAB-3CS4-22 Ms.Nikita Jain II YEAR III-B2 DSA LAB-3CS4-21 Mr.Mukesh Kataria II YEAR III-B3 DE LAB-3CS4-24 Dr. Abhishek Sharma	OOP-3CS4-06 Ms.Nikita Jain	LUNCH BREAK	NSP Mr. Vikram Khandelwal	MEFA -3CS1-03 Ms.Kalpana Sharma
Tu	SE-3CS4-07 Mr, Pawan Patidar	II YEAR III-B1 DE LAB-3CS4-24 Dr. Abhishek Sharma II YEAR III-B2 SE LAB-3CS4-23 Mr, Pawan Patidar II YEAR III-B3 OOP LAB-3CS4-22 Ms.Nikita Jain	DE-3CS3-04 Dr. Abhishek Sharma		AEM-3CS2-01 Dr. Shilpi Jain	OOP-3CS4-06 Ms.Nikita Jain
We	DSA-3CS4-05 Mr.Mukesh Kataria	II YEAR III-B1 DSA LAB-3CS4-21 Mr.Mukesh Kataria II YEAR III-B2 DE LAB-3CS4-24 Dr. Abhishek Sharma II YEAR III-B3 SE LAB-3CS4-23 Mr, Pawan Patidar	SE-3CS4-07 Mr, Pawan Patidar		AEM-3CS2-01 Dr. Shilpi Jain	INDUSTRIAL TRAINING-3CS7-30 Mr.Manish Choubisa
Th	DSA-3CS4-05 Mr.Mukesh Kataria	OOP-3CS4-06 Ms.Nikita Jain	NSP GUIDE INTERACTION		AEM-3CS2-01 Dr. Shilpi Jain	MEFA -3CS1-03 Ms.Kalpana Sharma
Fr	SE-3CS4-07 Mr, Pawan Patidar	II YEAR III-B1 SE LAB-3CS4-23 Mr, Pawan Patidar II YEAR III-B2 OOP LAB-3CS4-22 Ms.Nikita Jain II YEAR III-B3 DSA LAB-3CS4-21 Mr.Mukesh Kataria	DSA-3CS4-05 Mr.Mukesh Kataria		DE-3CS3-04 Dr. Abhishek Sharma	NSP GUIDE INTERACTION
Sa	I-3 Acitvity				I-3 Acitvity	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING

II YEAR III-C

Tutor Name: Ms. Archana Bhardwaj
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	LUNCH 12:00 - 12:30	4 12:30 - 13:30	5 13:30 - 14:30
Mo	SE-3CS4-07 Mr.Vishal Choudhary	DE-3CS3-04 Mr. Sakar Gupta	OOP-3CS4-06 Ms. Archana Bhardwaj	LUNCH BREAK	DSA-3CS4-05 Mr. Pushpendra Mudgal	AEM-3CS2-01 Ms. Anu Arora
Tu	INDUSTRIAL TRAINING-3CS7-30 Mr Vikram Khandewal	DE-3CS3-04 Mr. Sakar Gupta	AEM-3CS2-01 Ms. Anu Arora		NSP Dr. Veena Yadav	II YEAR III-C1 OOP LAB-3CS4-22 Ms. Archana Bhardwaj II YEAR III-C2 DE LAB-3CS4-24 Mr. Sakar Gupta II YEAR III-C3 SE LAB-3CS4-23 Mr.Vishal Choudhary
We	SE-3CS4-07 Mr.Vishal Choudhary	DSA-3CS4-05 Mr. Pushpendra Mudgal	AEM-3CS2-01 Ms. Anu Arora		MEFA -3CS1-03 Ms.Kalpana Sharma	OOP-3CS4-06 Ms. Archana Bhardwaj
Th	DE-3CS3-04 Mr. Sakar Gupta	II YEAR III-C1 SE LAB-3CS4-23 Mr.Vishal Choudhary II YEAR III-C2 OOP LAB-3CS4-22 Ms. Archana Bhardwaj II YEAR III-C3 DSA LAB-3CS4-21 Mr. Pushpendra Mudgal	NSP GUIDE INTERACTION		OOP-3CS4-06 Ms. Archana Bhardwaj	II YEAR III-C1 DSA LAB-3CS4-21 Mr. Pushpendra Mudgal II YEAR III-C2 SE LAB-3CS4-23 Mr.Vishal Choudhary II YEAR III-C3 DE LAB-3CS4-24 Mr. Sakar Gupta
Fr	SE-3CS4-07 Mr.Vishal Choudhary	II YEAR III-C1 DE LAB-3CS4-24 Mr. Sakar Gupta II YEAR III-C2 DSA LAB-3CS4-21 Mr. Pushpendra Mudgal II YEAR III-C3 OOP LAB-3CS4-22 Ms. Archana Bhardwaj	DSA-3CS4-05 Mr. Pushpendra Mudgal		MEFA -3CS1-03 Ms.Kalpana Sharma	NSP GUIDE INTERACTION
Sa	I-3 Acitvity				I-3 Acitvity	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING

III YEAR V-A

Tutor Name: Ms.Reena Sharma
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	LUNCH 12:00 - 12:30	4 12:30 - 13:30	5 13:30 - 14:30
Mo	ITC-5CS3-01 Dr. Kamlesh Gautam	CD-5CS4-02 Mr.Arvind Rajpoot	OS-5CS4-03 Mr Vikram Khandelwal	LUNCH BREAK	AOA-5CS4-05 Dr.Sunil Gupta	ELECTIVE Mr. Manish Choubisa
Tu	OS-5CS4-03 Mr Vikram Khandelwal	CD-5CS4-02 Mr.Arvind Rajpoot	CGMT-5CS4-04 Mr Nimish Arvind		ELECTIVE Mr. Manish Choubisa	NSP Ms. Archana Soni
We	ITC-5CS3-01 Dr. Kamlesh Gautam	III YEAR V-A1 CD LAB-5CS4-22 Mr.Arvind Rajpoot III YEAR V-A2 AOA LAB-5CS4-23 Dr.Sunil Gupta III YEAR V-A3 CGMT LAB-5CS4-21 Mr Nimish Arvind	OS-5CS4-03 Mr Vikram Khandelwal		III YEAR V-A1 AOA LAB-5CS4-23 Dr.Sunil Gupta III YEAR V-A2 CGMT LAB-5CS4-21 Mr Nimish Arvind III YEAR V-A3 ADV. JAVA LAB-5CS4-24 Ms Upma Kumari	INDUSTRIAL TRAINING-5CS7-30 Ms.Reena Sharma
Th	AOA-5CS4-05 Dr.Sunil Gupta	ITC-5CS3-01 Dr. Kamlesh Gautam	III YEAR V-A1 CGMT LAB-5CS4-21 Mr Nimish Arvind III YEAR V-A2 ADV. JAVA LAB-5CS4-24 Ms Upma Kumari III YEAR V-A3 CD LAB-5CS4-22 Mr.Arvind Rajpoot		CGMT-5CS4-04 Mr Nimish Arvind	NSP GUIDE INTERACTION
Fr	CD-5CS4-02 Mr.Arvind Rajpoot	III YEAR V-A1 ADV. JAVA LAB-5CS4-24 Ms Upma Kumari III YEAR V-A2 CD LAB-5CS4-22 Mr.Arvind Rajpoot III YEAR V-A3 AOA LAB-5CS4-23 Dr.Sunil Gupta	CGMT-5CS4-04 Mr Nimish Arvind		AOA-5CS4-05 Dr.Sunil Gupta	NSP GUIDE INTERACTION
Sa	I-3 Acitvity				I-3 Acitvity	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III YEAR V-B

Tutor Name: Dr. Geeta Gandhi
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	LUNCH 12:00 - 12:30	4 12:30 - 13:30	5 13:30 - 14:30
Mo	III YEAR V-B1 CD LAB-5CS4-22 Dr Madan Lal Saini III YEAR V-B2 ADV. JAVA LAB-5CS4-24 Dr. Shiv Agrawal III YEAR V-B3 AOA LAB-5CS4-23 Mr.Jay Prakash Singh	INDUSTRIAL TRAINING-5CS7-30 Dr. Mithlesh Arya	AOA-5CS4-05 Mr.Jay Prakash Singh	LUNCH BREAK	ITC-5CS3-01 Dr. Gajanand Gupta	ELECTIVE Mr. Ravi Kumar
Tu	ITC-5CS3-01 Dr. Gajanand Gupta	CD-5CS4-02 Dr Madan Lal Saini	OS-5CS4-03 Mr.Manish Choubisa		ELECTIVE Mr. Ravi Kumar	CGMT-5CS4-04 Mr. Suresh Vyas
We	CD-5CS4-02 Dr Madan Lal Saini	CGMT-5CS4-04 Mr. Suresh Vyas	OS-5CS4-03 Mr.Manish Choubisa		AOA-5CS4-05 Mr.Jay Prakash Singh	NSP Dr. Ajay Kumar Khunteta
Th	III YEAR V-B1 ADV. JAVA LAB-5CS4-24 Dr. Shiv Agrawal III YEAR V-B2 CGMT LAB-5CS4-21 Mr. Suresh Vyas III YEAR V-B3 CD LAB-5CS4-22 Dr Madan Lal Saini	AOA-5CS4-05 Mr.Jay Prakash Singh	OS-5CS4-03 Mr.Manish Choubisa		III YEAR V-B1 CGMT LAB-5CS4-21 Mr. Suresh Vyas III YEAR V-B2 AOA LAB-5CS4-23 Mr.Jay Prakash Singh III YEAR V-B3 ADV. JAVA LAB-5CS4-24 Dr. Shiv Agarwal	NSP GUIDE INTERACTION
Fr	CGMT-5CS4-04 Mr. Suresh Vyas	CD-5CS4-02 Dr Madan Lal Saini	III YEAR V-B1 AOA LAB-5CS4-23 Mr.Jay Prakash Singh III YEAR V-B2 CD LAB-5CS4-22 Dr Madan Lal Saini III YEAR V-B3 CGMT LAB-5CS4-21 Mr. Suresh Vyas		ITC-5CS3-01 Dr. Gajanand Gupta	NSP GUIDE INTERACTION
Sa	I-3 Acitvity				I-3 Acitvity	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III YEAR V-C

Tutor Name: Ms. Neha Shrotriya
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	LUNCH 12:00 - 12:30	4 12:30 - 13:30	5 13:30 - 14:30
Mo	CGMT-5CS4-04 Dr. Geeta Gandhi	OS-5CS4-03 Dr. Mithlesh Arya	AOA-5CS4-05 Mr. Gaurav Sharma	LUNCH BREAK	ITC-5CS3-01 Rajkumar Jain	ELECTIVE Dr. Kamlesh Gautam
Tu	CD-5CS4-02 Ms.Jai Prakash Singh	OS-5CS4-03 Dr. Mithlesh Arya	III YEAR V-C1 CGMT LAB-5CS4-21 Dr. Geeta Gandhi III YEAR V-C2 CD LAB-5CS4-22 Ms.Jai Prakash Singh III YEAR V-C3 AOA LAB-5CS4-23 Mr. Gaurav Sharma		ELECTIVE Dr. Kamlesh Gautam	III YEAR V-C1 AOA LAB-5CS4-23 Mr. Gaurav Sharma III YEAR V-C2 ADV. JAVA LAB-5CS4-24 Dr. Veena Yadav III YEAR V-C3 CD LAB-5CS4-22 Ms.Jai Prakash Singh
We	ITC-5CS3-01 Rajkumar Jain	INDUSTRIAL TRAINING-5CS7-30 Ms. Archana Soni	CD-5CS4-02 Ms.Jai Prakash Singh		CGMT-5CS4-04 Dr. Geeta Gandhi	NSP Mr. Ravi Kumar
Th	CD-5CS4-02 Ms.Jai Prakash Singh	AOA-5CS4-05 Mr. Gaurav Sharma	III YEAR V-C1 ADV. JAVA LAB-5CS4-24 Dr. Veena Yadav III YEAR V-C2 AOA LAB-5CS4-23 Mr. Gaurav Sharma III YEAR V-C3 CGMT LAB-5CS4-21 Dr. Geeta Gandhi		ITC-5CS3-01 Rajkumar Jain	NSP GUIDE INTERACTION
Fr	AOA-5CS4-05 Mr. Gaurav Sharma	CGMT-5CS4-04 Dr. Geeta Gandhi	OS-5CS4-03 Dr. Mithlesh Arya		III YEAR V-C1 CD LAB-5CS4-22 Ms.Jai Prakash Singh III YEAR V-C2 CGMT LAB-5CS4-21 Dr. Geeta Gandhi III YEAR V-C3 ADV. JAVA LAB-5CS4-24 Dr. Veena Yadav	NSP GUIDE INTERACTION
Sa	I-3 Acitvity				I-3 Acitvity	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
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ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-A

Tutor Name: Dr. Nikita Jain
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	OE	IOT Ms.Reena Sharma	VII-A1 IOT Lab Ms.Reena Sharma VII-A2 PROJECT Dr. Mithlesh Arya	LUNCH BREAK	VII-A1 Seminar Mr. Ravi Kumar VII-A2 CS Lab Ms. Upma Kumari	Industrial Training Dr. Ajay Kumar Khunteta
Tu	OE	IOT Ms.Reena Sharma	VII-A1 IOT Lab Ms.Reena Sharma VII-A2 Seminar Mr. Ravi Kumar		VII-A1 CS Lab Ms. Upma Kuamri VII-A2 IOT Lab Ms.Reena Sharma	Project Interaction with Guides
We	OE	IOT Ms.Reena Sharma	VII-A1 CS Lab Ms. Upma Kumari VII-A2 IOT Lab Ms.Reena Sharma		VII-A1 PROJECT Dr. Mithlesh Arya VII-A2 CS Lab Ms.Archika Jain	Project Interaction with Guides
Th	Add on and MOOC COURSES				Add on and MOOC COURSES	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-B

Tutor Name: Dr. Neelam Chaplot
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	OE	IOT Mr.Manish Dubey	VII-B1 CS Lab Ms. Archana Soni VII -B2 Seminar Mr. Rajkumar Jain	LUNCH BREAK	VII-B1 Seminar Mr. Rajkumar Jain VII -B2 IOT Lab Mr.Manish Dubey	Industrial Training Dr. Gajanand Gupta
Tu	OE	IOT Mr.Manish Dubey	VII-B1 IOT Lab Mr.Manish Dubey VII -B2 CS Lab Ms. Archana Soni		VII-B1 IOT Lab Mr.Manish Dubey VII -B2 CS Lab Ms. Archana Soni	Project Interaction with Guides
We	OE	IOT Mr.Manish Dubey	VII-B1 CS Lab Ms. Archana Soni VII -B2 PROJECT Dr. Gajanand Gupta		VII-B1 PROJECT Dr. Gajanand Gupta VII -B2 IOT Lab Mr.Manish Dubey	Project Interaction with Guides
Th	Add On and MOOC COURSES				Add on and MOOC COURSES	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-C

Tutor Name: Mr. Manish Choubisa
WEF: 06.09.2021

	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 12:30	5 12:30 - 13:30	6 13:30 - 14:30
Mo	OE	IOT Dr. Shiv Agarwal	VII-C1 CS Lab Mr. Shirish Mohan Dubey VII-C2 IOT Lab Dr. Ajay Kumar Khunteta	LUNCH BREAK	VII-C1 PROJECT Mr. Ravi Kumar VII-C2 CS Lab Mr. Shirish Mohan Dubey	Industrial Training Dr.Surendra Kumar Yadav
Tu	OE	IOT Dr. Shiv Agarwal	VII-C1 Seminar Mr. Shirish Mohan Dubey VII-C2 IOT Lab Dr. Ajay Kumar Khunteta		VII-C1 IOT Lab Dr. Ajay Kumar Khunteta VII-C2 CS Lab Mr. Shirish Mohan Dubey	Project Interaction with Guides
We	OE	IOT Dr. Shiv Agarwal	VII-C1 IOT Lab Dr. Ajay Kumar Khunteta VII-C2 PROJECT Mr. Shirish Mohan Dubey		VII-C1 CS Lab Mr. Shirish Mohan Dubey VII-C2 Seminar Dr. Mithlesh Arya	Project Interaction with Guides
Th	Add On and MOOC COURSES				Add On and MOOC COURSES	

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
Department of Computer Engineering, PCE
TIME TABLE 2021-2022
II YEAR III SEM -A

TUTOR NAME: Mr. Gaurav Sharma
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 PM TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
OFFLINE LAB CLASSES							
MONDAY OFFLINE	SE Lab (3CS4-23)-A1- Ms. Neelam Chaplot-AF-1D		NSP-A1-AF-1A Dr, Madan Lal Saini	LUNCH	DE Lab (3CS4-24)-A1- Dr. Kamlesh Gautam- AF-11		AEM Tut (3CS2-01) -A1- Dr. Shilpi Jain - AF-02
	OOP Lab (3CS4-22)-A2- Ms. Archika Jain-AF-1A		NSP-A2-AF-1B Ms. Upma Kumari		DSA Lab (3CS4-21)-A2- Ms.Neha Shrotriya-AF-1C		NSP-A2-AF-1A Dr. Mithlesh Arya
TUESDAY OFFLINE	OOP Lab (3CS4-22)-A1- Dr. Veena Yadav- AF-1A		NSP-A1-AF-1B Mr. Pushpendra Mudgal		DSA Lab (3CS4-21)-A1- Ms. Archana Soni-AF-1C		INDUSTRIAL TRAINING (3CS7-30)A1-Mr. Jay Prakash Singh AF-7B
	SE Lab (3CS4-23)-A2- Mr. Pawan Patidar-AF-1B		INDUSTRIAL TRAINING (3CS7-30)A2 -Mr. Vikram Khandelwal-AF-1A		DE Lab (3CS4-24)-A2- Ms. Sonam Gaur-AF-11		AEM Tut (3CS2-01) -A2- Dr. Shilpi Jain - AF-02
ONLINE THEORY CLASSES							
WEDNESDAY ONLINE	SE(3CS4-07) Dr.Neelam Chaplot	AEM(3CS2-01) Dr. Shilpi Jain	NSP GUIDE INTERACTION	LUNCH	OOP(3CS4-06) Ms.Archika Jain	NSP GUIDE INTERACTION	
THURSDAY ONLINE	SE(3CS4-07) Dr.Neelam Chaplot	DE(3CS3-04) Ms.Sonam Gaur	DSA(3CS4-05) Ms. Neha Shrotriya		OOP(3CS4-06) Ms.Archika Jain	MEFA(3CS1-03) Ms. Kalpana Sharma	
FRIDAY ONLINE	AEM(3CS2-01) Dr. Shilpi Jain	DE(3CS3-04) Ms.Sonam Gaur	DSA(3CS4-05) Ms. Neha Shrotriya		NSP GUIDE INTERACTION	MEFA(3CS1-03) Ms. Kalpana Sharma	
SATURDAY	I3 ACTIVITY				I3 ACTIVITY		

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING

Department of Computer Engineering, PCE

TIME TABLE 2021-2022

II YEAR III SEM -B

TUTOR NAME: Mr. Vikram Khandelwal
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
OFFLINE LAB CLASSES							
MONDAY OFFLINE	DE Lab (3CS4-24)-B1- Dr. Abhishek Sharma -AF-11		NSP-B1-AF-1D Mr. Nimish Arvind	LUNCH	INDUSTRIAL TRAINING (3CS7-30)B1 Dr. Shiv Agarwal-AF-8B	SE Lab (3CS4-23)-B1- Ms. Neelam Chaplot-AF-7A	
	OOP Lab (3CS4-22)-B2- Mr. Shirish Mohan Dubey- AF-1B		INDUSTRIAL TRAINING (3CS7-30) B2 Dr, Ajay Kumar Khunteta-AF-8B		NSP-B2-AF-1D Dr. Geeta Gandhi	DSA Lab (3CS4-21)-B2- Mr. Suresh Vyas-AF-1D	
TUESDAY OFFLINE	DSA Lab (3CS4-21)-B1- Mr. Mukesh Kataria-AF-1D		AEM Tut (3CS2-01) -B1- Ms. Anu Arora- AF-02		NSP-B1-AF-1D Dr. Sunil Gupta	OOP Lab (3CS4-22)-B1- Ms. Nikita Jain-AF-8B	
	DE Lab (3CS4-24)-B2- Mr, Rajkumar Jain - AF-11		NSP-B2-AF-1D Mr. Ravi Kumar		AEM Tut (3CS2-01)-B2 -Ms Anu Arora - AF-14	SE Lab (3CS4-23)-B2-Ms. Archana Bhardwaj- AF-7A	
ONLINE THEORY CLASSES							
WEDNESDAY ONLINE	OOP(3CS4-06) Ms. Nikita Jain	SE(3CS4-07) Dr.Neelam Chaplot	DSA(3CS4-05) Mr. Mukesh Kataria	LUNCH	MEFA(3CS1-03) Ms. Kalpana Sharma	NSP GUIDE INTERACTION	
THURSDAY ONLINE	DE(3CS3-04) Dr. Abhishek Sharma	AEM(3CS2-01) Ms. Anu Arora	DSA(3CS4-05) Mr. Mukesh Kataria		MEFA(3CS1-03) Ms. Kalpana Sharma	NSP GUIDE INTERACTION	
FRIDAY ONLINE	DE(3CS3-04) Dr. Abhishek Sharma	AEM (3CS2-01) Ms. Anu Arora	OOP (3CS4-06) Ms. Nikita Jain		SE(3CS4-07) Dr.Neelam Chaplot	NSP GUIDE INTERACTION	
SATURDAY	I3 ACTIVITY				I3 ACTIVITY		

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING

Department of Computer Engineering, PCE

TIME TABLE 2021-2022

II YEAR III SEM -C

TUTOR NAME: Ms. Archana Bhardwaj
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
OFFLINE LAB CLASSES							
MONDAY OFFLINE	DE Lab (3CS4-24)-C1- Mr. Sakar Gupta AS-07		NSP-C1-AF-8A Ms. Upma Kumari	LUNCH	OOP Lab (3CS4-22)-C1- Dr. Surendra Kumar Yadav-AF-8A		INDUSTRIAL TRAINING (3CS7-30)C1-Mr, Gaurav Sharma AF-8A
	DSA Lab (3CS4-21)-C2- Dr. Mithlesh Arya-AF-1C		INDUSTRIAL TRAINING (3CS7-30)C2-Ms. Archana Soni-AF-1C		SE Lab (3CS4-23)-C2- Mr. Vishal Choudhary-AF-1A		NSP-C2-AF-1C Mr. Pushpendra Mudgal
TUESDAY OFFLINE	AEM Tut (3CS2-01) -C1- Dr. Shilpi Jain - AF-02	DSA Lab (3CS4-21)-C1- Ms. Neha Shrotriya-AF-1C			SE Lab (3CS4-23)-C1-Dr. Veena Yadav-AF-1A		NSP-C1-AF-1C Mr. Vikram Khandelwal
	NSP-C2-AF-1C Dr. Geeta Gandhi	DE Lab (3CS4-24)-C2- Mr. Rajkumar Jain-AS-07			OOP Lab (3CS4-22)-C2- Dr. Surendra Kumar Yadav-AF- 8A		AEM Tut (3CS2-01) -C2-Dr. Shilpi Jain - AF-14
ONLINE THEORY CLASSES							
WEDNESDAY ONLINE	SE(3CS4-07) Mr. Vishal Choudhary	DSA(3CS4-05) Dr. Mithlesh Arya	OOP(3CS4-06) Dr. Surendra Kumar Yadav	LUNCH	DE(3CS3-04) Mr. Sakar Gupta	MEFA(3CS1-03) Ms. Kalpana Sharma	
THURSDAY ONLINE	AEM(3CS2-01) Dr. Shilpi Jain	DSA(3CS4-05) Dr. Mithlesh Arya	OOP(3CS4-06) Dr. Surendra Kumar Yadav		DE(3CS3-04) Mr. Sakar Gupta	NSP GUIDE INTERACTION	
FRIDAY ONLINE	AEM(3CS2-01) Dr. Shilpi Jain	SE(3CS4-07) Mr. Vishal Choudhary	NSP GUIDE INTERACTION		MEFA(3CS1-03) Ms. Kalpana Sharma	NSP GUIDE INTERACTION	
SATURDAY	I3 ACTIVITY				I3 ACTIVITY		

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
Department of Computer Engineering, PCE
TIME TABLE 2021-2022
III YEAR V SEM -A

TUTOR NAME: MS. REENA SHARMA
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
ONLINE THEORY CLASSES							
MONDAY ONLINE	ITC(5CS3-01) Ms.Reena Sharma	CD(5CS4-02) Mr.Arvind Singh Rajpoot	ELECTIVE Mr. Jay Prakash Singh-WCN	LUNCH	CGMT(5CS4-04) Mr. Pawan Patidar		
TUESDAY ONLINE	ITC(5CS3-01) Ms.Reena Sharma	AOA(5CS4-05) Ms.Barkha Narang	CGMT(5CS4-04) Mr. Pawan Patidar		OS(5CS4-03) Dr. Madan Lal Saini		
OFFLINE LAB CLASSES							
WEDNESDAY OFFLINE	INDUSTRIAL TRAINING-5CS7-30- A1 (Mr. Nimish Arvind)- AF-1A	AOA LAB(5CS4-23)-A1 -Ms. Barkha Narang- AF-1A		LUNCH	INDUSTRIAL TRAINING-5CS7-30-A1 (Dr. Ajay Kumar Khunteta)- AF-1A	ADB JAVA LAB(5CS4-24)-A1 - Mr.Vikram Khandelwal- AF-7A	
	NSP-A2 AF-1B Mr. Ravi Kumar	CGMT LAB-(5CS4-21)-A2-Mr. Pawan Patidar- AF-1B			NSP -A2 AF-1C Mr. Gaurav Sharma	CD LAB-(5CS4-22)-A2- Mr.Pushpendra Mudgal- AF-7B	
THRUSDAY OFFLINE	NSP -A1 AF-1B Dr. Shiv Agarwal	CGMT LAB-(5CS4-21)-A1-Ms.Nikita Jain- AF-1B			NSP-A1 AF-1C Mr. Suresh Vyas	CD LAB-(5CS4-22)-A1- Mr.Arvind Singh Rajpoot- AF-7B	
	INDUSTRIAL TRAINING-5CS7-30-A2 (Dr. Sunil Gupta)- AF-1A	AOA LAB(5CS4-23)-A2 -Ms. Barkha Narang- AF-1A			INDUSTRIAL TRAINING-5CS7-30-A2 (Mr. Nimish Arvind)- AF-1A	ADB JAVA LAB(5CS4-24)-A2 - Mr.Vishal Choudhary- AF-7A	
ONLINE THEORY CLASSES							
FRIDAY ONLINE	AOA(5CS4-05) Ms.Barkha Narang	ELECTIVE Mr. Jay Prakash Singh-WCN	OS(5CS4-03) Dr. Madan Lal Saini	LUNCH	CD(5CS4-02) Mr.Arvind Singh Rajpoot		
SATURDAY	I3 ACTIVITY				I3 ACTIVITY		

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
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Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
Department of Computer Engineering, PCE
TIME TABLE 2021-2022
III YEAR V SEM -B

TUTOR NAME: Dr. Geeta Gandhi
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
ONLINE THEORY CLASSES							
MONDAY ONLINE	CGMT(5CS4-04) Ms.Archana Soni	CD(5CS4-02) Dr. Madal Lal Saini	ELECTIVE Ms.Neelam Chaplot-HCI	LUNCH	ITC(5CS3-01) Ms.Reena Sharma		
TUESDAY ONLINE	CGMT(5CS4-04) Ms.Archana Soni	OS(5CS4-03) Mr.Manish Choubisa	AOA(5CS4-05) Mr. Shirish Mohan Dubey		ITC(5CS3-01) Ms.Reena Sharma		
OFFLINE LAB CLASSES							
WEDNESDAY OFFLINE	AOA LAB(5CS4-23)-B1 -Mr. Shirish Mohan Dubey- AF-1C		ADB JAVA LAB(5CS4-24)-B1 -Mr. Suresh Vyas- AF-8B	LUNCH	ADB JAVA LAB(5CS4-24)-B1 -Mr. Suresh Vyas- AF-8B	INDUSTRIAL TRAINING-5CS7-30-B1 (Dr. Kamlesh Gautam)- AF-1C	
	CGMT LAB-(5CS4-21)-B2-Ms.Archana Soni- AF-1D		CD LAB-(5CS4-22)-B2- Dr. Madan Lal Saini -AF- 8A		CD LAB-(5CS4-22)-B2- Dr. Madan Lal Saini -AF- 8A	NSP- B2 AF-1D Mr. Manish Choubisa	
THRUSDAY OFFLINE	CGMT LAB-(5CS4-21)-B1-Ms.Archana Soni- AF-1D		CD LAB-(5CS4-22)-B1- Dr. Veena Yadav-AF- 8A		CD LAB-(5CS4-22)-B1- Dr. Veena Yadav-AF- 8A	NSP -B1 AF-1D Mr. Manish Dubey	
	AOA LAB(5CS4-23)-B2 -Ms. Archana Bhardwaj- AF-1C		ADB JAVA LAB(5CS4-24)-B2 -Mr. Suresh Vyas- AF-8B		ADB JAVA LAB(5CS4-24)-B2 -Mr. Suresh Vyas- AF-8B	INDUSTRIAL TRAINING-5CS7-30-B2 (Mr. Sakar Gupta)- AF-1C	
ONLINE THEORY CLASSES							
FRIDAY ONLINE	CD(5CS4-02) Dr. Madal Lal Saini	ELECTIVE Ms.Neelam Chaplot-HCI	AOA(5CS4-05) Mr. Shirish Mohan Dubey	LUNCH	OS(5CS4-03) Mr.Manish Choubisa		
SATURDAY	I3 ACTIVITY				I3 ACTIVITY		

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
Department of Computer Engineering, PCE
TIME TABLE 2021-2022
III YEAR V SEM -C

TUTOR NAME: MS. Neha Shrotriya
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
ONLINE THEORY CLASSES							
MONDAY ONLINE	CD(5CS4-02) Mr. Ravi Kumar	AOA(5CS4-05) Mr. Gaurav Sharma	ELECTIVE Ms. Upma Kumari-HCI	LUNCH	OS(5CS4-03) Ms.Archika Jain		
TUESDAY ONLINE	CD(5CS4-02) Mr. Ravi Kumar	CGMT(5CS4-04) Dr. Shiv Agarwal	ITC(5CS3-01) Dr. Gajanand Gupta		AOA(5CS4-05) Mr. Gaurav Sharma		
OFFLINE LAB CLASSES							
WEDNESDAY OFFLINE	INDUSTRIAL TRAINING-5CS7-30- C1 (Dr. Kamlesh Gautam)- AF-7B		CGMT LAB-(5CS4-21)-C1- Dr. Shiv Agarwal-AF-7B	LUNCH	CGMT LAB-(5CS4-21)-C1- Dr. Shiv Agarwal-AF-7B	ADB JAVA LAB(5CS4-24)-C1 -Dr. Sunil Gupta- AF-8B	
	NSP -C2 AF-7A Dr. Gajanand Gupta		CD LAB-(5CS4-22)-C2- Mr.Arvind Singh Rajpoot- AF-7A		CD LAB-(5CS4-22)-C2- Mr.Arvind Singh Rajpoot- AF-7A	AOA LAB(5CS4-23)-C2 -Mr. Gaurav Sharma AF-8A	
THRUSDAY OFFLINE	NSP- C1 AF-7A Mr Rajkumar Jain		CD LAB-(5CS4-22)-C1- Mr.Ravi Kumar- AF-7A		CD LAB-(5CS4-22)-C1- Mr.Ravi Kumar- AF-7A	AOA LAB(5CS4-23)-C1 -Mr. Gaurav Sharma AF-8A	
	INDUSTRIAL TRAINING-5CS7-30-C2 (Ms. Archana Bhardwaj)- AF-7B		CGMT LAB-(5CS4-21)-C2- Mr. Nimish Arvind-AF-7B		CGMT LAB-(5CS4-21)-C2- Mr. Nimish Arvind-AF-7B	ADB JAVA LAB(5CS4-24)-C2 -Dr, Sunil Gupta- AF-8B	
ONLINE THEORY CLASSES							
FRIDAY ONLINE	ITC(5CS3-01) Dr. Gajanand Gupta	ELECTIVE Ms. Upma Kumari-HCI	CGMT(5CS4-04) Dr. Shiv Agarwal	LUNCH	OS(5CS4-03) Ms.Archika Jain		
SATURDAY	I3 ACTIVITY				I3 ACTIVITY		

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
Department of Computer Engineering, PCE
TIME TABLE 2021-2022
IV YEAR VII SEM -A

TUTOR NAME: Ms. Nikita Jain
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
ONLINE THEORY CLASSES							
MONDAY ONLINE	OE	IOT(7CS4-01) Ms. Reena Sharma		LUNCH			
TUESDAY ONLINE	OE	IOT(7CS4-01) Ms. Reena Sharma					
WEDNESDAY ONLINE	OE	IOT(7CS4-01) Ms. Reena Sharma					
THURSDAY ONLINE	MOOC ACTIVITY				MOOC ACTIVITY		
OFFLINE LAB CLASSES							
FRIDAY OFFLINE	CS LAB-(7CS4-22)-A1-(Ms.Archika Jain)-AF-1C			LUNCH	SEMINAR-7CS7-30-A1 (Ms. Sonam Gour)-AF-1A		INDUSTRIAL TRAINING-7CS7-30-A1 (Mr.Manish Choubisa)-AF-1A
	IOT LAB-(7CS4-21)-A2-(Ms.Reena Sharma)-AF-1B				PROJECT-NSP-7CS7-A2 (Ms.Sonam Gaur) AF-03-AF-1C		SEMINAR-7CS7-30-A2 (Mr.Vishal Choudhary) AF-1C
SATURDAY OFFLINE	IOT LAB-(7CS4-21)-A1-(Ms.Reena Sharma)-AF-1B				PROJECT-NSP-7CS7-A1 (Dr. Geeta Gandhi) AF-1A		INDUSTRIAL TRAINING-7CS7-30-A1 (Mr.Manish Choubisa)-AF-1A
	CS LAB-(7CS4-22)-A2(Ms. Upma Kumari)-AF-1C				INDUSTRIAL TRAINING-7CS7-30-A2 (Mr.Manish Choubisa)-AF-1C		SEMINAR-7CS7-30-A2 (Dr. Geeta Gandhi)-AF-1C

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
Department of Computer Engineering, PCE
TIME TABLE 2021-2022
IV YEAR VII SEM -B

TUTOR NAME: Dr. Neelam Chaplot
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
ONLINE THEORY CLASSES							
MONDAY ONLINE	OE	IOT(7CS4-01) Mr. Manish Dubey		LUNCH			
TUESDAY ONLINE	OE	IOT(7CS4-01) Mr. Manish Dubey					
WEDNESDAY ONLINE	OE	IOT(7CS4-01) Mr. Manish Dubey					
THURSDAY ONLINE	MOOC ACTIVITY				MOOC ACTIVITY		
OFFLINE LAB CLASSES							
FRIDAY OFFLINE	CS LAB-(7CS4-22)-B1-(Mr.Mukesh Kataria)-AF-1A			LUNCH	SEMINAR-7CS7-30-B1 (Ms. Nikita Jain)-AF-8A		INDUSTRIAL TRAINING-7CS7-30-B1 (Mr.Pushpendra Mudgal)-AF-8A
	IOT LAB-(7CS4-21)-B2-(Mr.Manish Dubey)-AF-8B				PROJECT-NSP-7CS7-B2 (Dr.Abhishek Sharma) AF-8B		SEMINAR-7CS7-30-B2 (Ms.Vikram Khandelwal)-AF-8B
SATURDAY OFFLINE	IOT LAB-(7CS4-21)-B1-(Mr.Manish Dubey)-AF-8B				PROJECT-NSP-7CS7- B1 (Ms. Nikita Jain) AF-8B		INDUSTRIAL TRAINING-7CS7-30-B1 (Mr.Pawan Patidar)-AF-8B
	CS LAB-(7CS4-22)-B2 (Mr.Mukesh Kataria)-AF-1A				INDUSTRIAL TRAINING-7CS7-30-B2 (Mr.Manish Dubey)-AF-8A		SEMINAR-7CS7-30-B2 (Mr. Jay Prakash Singh)-AF-8A

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
Department of Computer Engineering, PCE
TIME TABLE 2021-2022
IV YEAR VII SEM -C

TUTOR NAME: Ms. Archana Bhardwaj
WEF 4,OCT2021

Day/Time	I (9:00 AM TO 10:00AM)	II (10:00 AM TO 11:00 AM)	III (11:00 AM-12:00 PM)	(12:00 NOON TO 12:30 PM)	IV (12:30 PM- 1:30 PM)	V (1:30 PM- 2:30 PM)	VI (2:30 PM - 3:30PM)
ONLINE THEORY CLASSES							
MONDAY ONLINE	OE	IOT(7CS4-01) Mr. Vishal Choudhary		LUNCH			
TUESDAY ONLINE	OE	IOT(7CS4-01) Mr. Vishal Choudhary					
WEDNESDAY ONLINE	OE	IOT(7CS4-01) Mr. Vishal Choudhary					
THURSDAY ONLINE	MOOC ACTIVITY				MOOC ACTIVITY		
OFFLINE LAB CLASSES							
FRIDAY OFFLINE	PROJECT-NSP-7CS7- C1 (Mr.Ravi Kumar) AF-7B		INDUSTRIAL TRAINING-7CS7-30- C1 (Mr. Sakar Gupta)- AF-7B	LUNCH	SEMINAR-7CS7-30-C1 (Ms.Neha Shrotriya)- AF-7B		INDUSTRIAL TRAINING-7CS7-30- C1 (Dr. Mithlesh Arya)- AF-7B
	CS LAB-(7CS4-22)-C2- (Mr.Manish Choubisa)- AF-8A				IOT LAB-(7CS4-21)-C2- (Dr. Shiv Agarwal)- AF-1D		
SATURDAY OFFLINE	CS LAB-(7CS4-22)-C1 (Mr.Manish Choubisa)- AF-8A				IOT LAB-(7CS4-21)-C1- (Mr.Vishal Choudhary)- AF-1D		
	PROJECT-NSP-7CS7- C2 (Dr. Abhishek Sharma) AF-7B		INDUSTRIAL TRAINING-7CS7-30- C2 (Mr. Shirish Mohan Dubey)- AF-7B		SEMINAR-7CS7-30-C2 (Mr. Nimish Arvind) -AF-7B		INDUSTRIAL TRAINING-7CS7-30- C2 (Ms. Barkha Narang)- AF-7B

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
II YEAR III-A

Tutor Name: Mr Gaurav Sharma
WEF:08.11.2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Mo	3CS4-07-SE AF-04 Dr. Veena Yadav	3CS1-03- MEFA AF-04 Ms.Kalpana Sharma	3CS4-05-DSA CF-05 Mr. Pawan Patidar		3CS3-04-DE AF-04 Ms.Sonam Gaur	3CS2-01-AEM AF-04 Dr.Shilpi Jain	3CS4-06-OOP CF-04 Ms.Archika Jain	NSP Guide Interation
Tu	AF-11 3CS4-24-DE LAB Ms.Sonam Gaur; AF-7B 3CS4-21-DSA LAB Mr. Pawan Patidar; AF-1A 3CS4-23-SE LAB Dr.Veena Yadav		3CS4-07-SE CF-05 Dr.Veena Yadav		AF-1D 3CS4-22-OOP LAB Ms.Archika Jain; AF-7A 3CS4-23-SE LAB Dr.Veena Yadav; AF-11 3CS4-24-DE LAB Ms.Sonam Gaur		3CS3-04-DE CF-05 Ms.Sonam Gaur	NSP Guide Interation
We	3CS2-01-AEM AF-03 Dr.Shilpi Jain	3CS4-05-DSA AF-03 Mr. Pawan Patidar	3CS4-06-OOP CF-05 Ms.Archika Jain	LUNCH	AG-24 3CS4-21-DSA LAB Mr. Pawan Patidar; AF-11 3CS4-24-DE LAB Ms.Sonam Gaur; AF-1D 3CS4-22-OOP LAB Ms.Archika Jain		3CS4-05-DSA CF-05 Mr. Pawan Patidar	NSP Guide Interation
Th	AF-8B 3CS4-23-SE LAB Dr.Veena Yadav; AF-8A 3CS4-22-OOP LAB Ms.Archika Jain; AF-7B 3CS4-21-DSA LAB Mr. Pawan Patidar		3CS3-04-DE CF-03 Ms.Sonam Gaur		3CS4-07-SE CF-04 Dr. Veena Yadav	3CS4-06-OOP CF-04 Ms.Archika Jain	3CS2-01-AEM CF-05 Dr.Shilpi Jain	3CS7-30-INDUSTRIAL TRAINING CF-05 Ms. Sonam Gour
Fr	3CS4-05-DSA AF-03 Mr. Pawan Patidar	3CS4-06-OOP AF-03 Ms.Archika Jain	3CS3-04-DE CF-03 Ms.Sonam Gaur		3CS1-03- MEFA AF-03 Ms.Kalpana Sharma	3CS2-01-AEM AF-03 Dr.Shilpi Jain	3CS4-07-SE CF-13 Dr. Veena Yadav	NSP Guide Interation
Sa	i3 ACTIVITY				i3 ACTIVITY			

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
II YEAR III-B(Class Location- AF-04)

Tutor Name: Mr. Vikram Khandelwal
WEF: 08.11.2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Mo	3CS4-22-OOP LAB (II YEAR III-B1) AF-8A Ms.Upma Kumari 3CS4-24-DE LAB (II YEAR III-B2) AF-11 Dr. Abhishek Sharma 3CS4-21-DSA LAB (II YEAR III-B3) AG-24 Mr.Mukesh Kataria		3CS4-06-OOP Ms. Upma Kumari		3CS4-24-DE LAB (II YEAR III-B1) AF-11 Dr.Abhishek Sharma 3CS4-22-OOP LAB (II YEAR III-B2) AF-7B Ms. Upma Kumari 3CS4-23-SE LAB (II YEAR III-B3) AG-24 Mr. Jay Prakash Singh	3CS3-04-DE Dr. Abhishek Sharma	NSP Guide Interation
Tu	3CS4-07-SE Mr. Nimish Arvind	3CS2-01-AEM Ms. Anu Arora	3CS4-06-OOP Ms. Upma Kumari		3CS3-04-DE Dr. Abhishek Sharma	3CS1-03- MEFA Ms.Kalpana Sharma	3CS4-05-DSA Mr.Mukesh Kataria	3CS7-30-INDUSTRIAL TRAINING Mr. Sakar Gupta
We	3CS4-07-SE Mr. Nimish Arvind	3CS4-06-OOP Ms. Upma Kumari	3CS1-03- MEFA Ms.Kalpana Sharma	LUNCH	3CS4-05-DSA Mr.Mukesh Kataria	3CS3-04-DE Dr. Abhishek Sharma	3CS2-01-AEM Ms. Anu Arora	NSP Guide Interation
Th	3CS2-01-AEM Ms. Anu Arora	3CS4-07-SE Mr. Nimish Arvind	3CS4-06-OOP Ms. Upma Kumari		3CS4-21-DSA LAB (II YEAR III-B1) AF-7B Mr.Mukesh Kataria 3CS4-23-SE LAB (II YEAR III-B2) AF-1D Mr. Jay Prakash Singh 3CS4-24-DE LAB (II YEAR III-B3) AF-11 Dr. Abhishek Sharma	3CS4-05-DSA Mr.Mukesh Kataria	NSP Guide Interation
Fr	3CS4-07-SE Mr. Nimish Arvind	3CS2-01-AEM Ms. Anu Arora	3CS4-05-DSA Mr.Mukesh Kataria		3CS4-23-SE LAB (II YEAR III-B1) AF-1A Mr. Jay Prakash Singh 3CS4-21-DSA LAB (II YEAR III-B2) AF-7A Mr.Mukesh Kataria 3CS4-22-OOP LAB (II YEAR III-B3) AS-02 A Ms. Upma Kumari	3CS3-04-DE Dr. Abhishek Sharma	NSP Guide Interation
Sa	i3 ACTIVITY				i3 ACTIVITY			

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
II YEAR III-C(Class Location AF-03)

Tutor Name: Ms. Archana Bhardwaj
WEF: 08.11.2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Mo	3CS3-04-DE Dr. Kamlesh Gautam	3CS2-01-AEM Dr.Shilpi Jain	3CS4-06-OOP Ms. Archana Bhardwaj		3CS4-05-DSA Dr. Sunil Gupta	3CS1-03- MEFA Ms.Kalpana Sharma	3CS3-04-DE Dr. Kamlesh Gautam	3CS7-30-INDUSTRIAL TRAINING Mr. Arvind Singh Rajput
Tu	3CS4-07-SE Dr. Madan Lal Saini	3CS3-04-DE Dr. Kamlesh Gautam	3CS1-03- MEFA Ms.Kalpana Sharma		3CS4-06-OOP Ms. Archana Bhardwaj	3CS4-05-DSA Dr. Sunil Gupta	3CS2-01-AEM Dr.Shilpi Jain	NSP Guide Interation
We	3CS4-22-OOP LAB (II YEAR III-C1) AF-7B Ms. Archana Bhardwaj 3CS4-23-SE LAB (II YEAR III-C2) AG-24 Dr. Madan Lal Saini 3CS4-21-DSA LAB (II YEAR III-C3) AF-7A Dr. Sunil Gupta		3CS4-05-DSA Dr. Sunil Gupta	LUNCH	3CS4-06-OOP Ms. Archana Bhardwaj	3CS4-07-SE Dr. Madan Lal Saini	3CS2-01-AEM Dr.Shilpi Jain	NSP Guide Interation
Th	3CS2-01-AEM Dr.Shilpi Jain	3CS4-23-SE LAB (II YEAR III-C1) AG-24 Dr. Madan Lal Saini 3CS4-21-DSA LAB (II YEAR III-C2) AF-1C Dr. Sunil Gupta 3CS4-24-DE LAB (II YEAR III-C3) AF-11 Dr. Kamlesh Gautam			3CS4-06-OOP Ms. Archana Bhardwaj	3CS4-07-SE Dr. Madan Lal Saini	3CS4-05-DSA Dr. Sunil Gupta	NSP Guide Interation
Fr	3CS4-21-DSA LAB (II YEAR III-C1) AF-1C Dr. Sunil Gupta 3CS4-24-DE LAB (II YEAR III-C2) AF-11 Dr. Kamlesh Gautam 3CS4-22-OOP LAB (II YEAR III-C3) AF-7B Ms. Archana Bhardwaj		3CS3-04-DE Dr. Kamlesh Gautam		3CS4-24-DE LAB (II YEAR III-C1) AF-11 Dr. Kamlesh Gautam 3CS4-22-OOP LAB (II YEAR III-C2) AF-7B Ms. Archana Bhardwaj 3CS4-23-SE LAB (II YEAR III-C3) AG-24 Dr. Madan Lal Saini	3CS4-07-SE Dr. Madan Lal Saini	NSP Guide Interation
Sa	i3 ACTIVITY				i3 ACTIVITY			

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-A

Class Location: CS-03
WEF: 20.09.2022
Tutor Name: Ms. Archika Jain

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**5CS5-12 HCI(Batch-1)** Mr.Devendra Nath Pathak	**5CS4-02 CD** Mr.Saransh Sharma	**5CS4-03 OS** Mr Dinesh Chandra Sharma		CS-16A A1-Batch 5CS4-23 AOA LAB Dr. Ajay Kumar Khunteta AF-7A A2-Batch 5CS4-22 CD LAB Mr.Saransh Sharma AF-1B A3-Batch 5CS4-21 CGM LAB Dr.Veena Yadav		**5CS4-03 OS** Mr Dinesh Chandra Sharma	**Add on Course** Mr. Manish Choubisa
Tues	**5CS5-12 HCI(Batch-1)** Mr.Devendra Nath Pathak	**5CS4-02 CD** Mr.Saransh Sharma	**5CS4-04 CGM** Dr.Veena Yadav		AG-24 A1-Batch 5CS4-21 CGM LAB Dr.Veena Yadav CS-16B A2-Batch 5CS4-24 ADV JAVA LAB Dr. Geeta Gandhi CS-16A A3-Batch 5CS4-23 AOA LAB Dr. Ajay Kumar Khunteta		**5CS4-02 CD** Mr.Saransh Sharma	CS-05 **Add on Course** Mr.Saransh Sharma
Wed	**5CS4-03 OS** Mr Dinesh Chandra Sharma	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-04 CGM** Dr.Veena Yadav	LUNCH	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	CS-16B A1-Batch 5CS4-24 ADV JAVA LAB Dr. Geeta Gandhi CS-16A A2-Batch 5CS4-23 AOA LAB Dr. Ajay Kumar Khunteta AF-1B A3-Batch 5CS4-22 CD LAB Mr.Saransh Sharma		NSP
Thur	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	**5CS7-30 IND. TRAINING** Mr. Manish Dubey	**5CS4-04 CGM** Dr.Veena Yadav		AF-1A A1-Batch 5CS4-22 CD LAB Mr.Saransh Sharma AF-7B A2-Batch 5CS4-21 CGM LAB Dr.Veena Yadav CS-16B A3-Batch 5CS4-24 ADV JAVA LAB Dr. Geeta Gandhi		**5CS4-02 CD** Mr.Saransh Sharma	**Activity**
Fri	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-04 CGM** Dr.Veena Yadav		**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-03 OS** Mr Dinesh Chandra Sharma	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	NSP
Sat	**I3 ACTIVITY** Mr Dinesh Chandra Sharma	I3 ACTIVITY			I3 Activity			

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-B

Class Location: CS-04
WEF: 20.09.2022
Tutor Name: Mr. D.N. Pathak

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**5CS5-11 WCN** Dr. Gajanand Gupta	**5CS4-02 CD** Dr. Vishnu Sharma	**5CS3-01 ITC** Mr.Devendra Nath Pathak		**5CS4-03 OS** Ms.Neha Shrotriya	**5CS4-05 AOA** Mr.Manoj Saini	**5CS4-03 OS** Ms.Neha Shrotriya	**Activity**
Tues	**5CS5-11 WCN** Dr. Gajanand Gupta	**5CS4-02 CD** Dr. Vishnu Sharma	**5CS3-01 ITC** Mr.Devendra Nath Pathak		**5CS4-05 AOA** Mr.Manoj Saini	B1-Batch CS-16C 5CS4-21 CGM LAB Dr. Anushya Aruldhas B2-Batch CS-16A 5CS4-22 CD LAB Dr. Vishnu Sharma AF-7B B3-Batch 5CS4-23 AOA LAB Mr.Manoj Saini		NSP
Wed	**5CS4-05 AOA** Mr.Manoj Saini	B1-Batch CS-16A 5CS4-22 CD LAB Dr. Vishnu Sharma B2-Batch CS-16C 5CS4-21 CGM LAB Dr. Anushya Aruldhas B3-Batch CS-16D 5CS4-24 ADV JAVA LAB Dr. Geeta Gandhi		LUNCH	**5CS4-03 OS** Ms.Neha Shrotriya	**5CS4-04 CGM** Dr. Anushya Aruldhas	**5CS4-02 CD** Dr. Vishnu Sharma	**Add on Course** Mr. Manish Choubisa
Thur	**5CS4-05 AOA** Mr.Manoj Saini	AF-1B B1-Batch 5CS4-23 AOA LAB Mr.Manoj Saini B2-Batch CS-16D 5CS4-24 ADV JAVA LAB Dr. Geeta Gandhi B3-Batch CS-16C 5CS4-21 CGM LAB Dr. Anushya Aruldhas			**5CS4-04 CGM** Dr. Anushya Aruldhas	**5CS3-01 ITC** Mr.Devendra Nath Pathak	**5CS4-04 CGM** Dr. Anushya Aruldhas	CF-05 **Add on Course** Mr.Saransh Sharma
Fri	**5CS4-03 OS** Ms.Neha Shrotriya	**5CS4-04 CGM** Dr. Anushya Aruldhas	**5CS4-02 CD** Dr. Vishnu Sharma		CS-16D B1-Batch 5CS4-24 ADV JAVA LAB Dr. Geeta Gandhi AF-1D B2-Batch 5CS4-23 AOA LAB Mr.Manoj Saini CS-16A B3-Batch 5CS4-22 CD LAB Dr. Vishnu Sharma		**5CS7-30 IND. TRAINING** Dr. Shiv Kumar Agarwal	NSP
Sat	**I3 ACTIVITY** Mr Dinesh Chandra Sharma	I3 ACTIVITY			I3 Activity			

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Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-C

Class Location: CS-13
WEF: 20.09.2022
Tutor Name: Ms. Neha Shrotriya

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**5CS5-12 HCI(Batch-2)** Mr. Sanjay Kumar Gupta	AF-1D 5CS4-22 CD LAB C1-Batch Ms.Neha Shrotriya AF-1A 5CS4-21 CGM LAB C2-Batch Ms. Prachi Sharma C3-Batch 5CS4-23 AOA LAB CS-16B Dr. Rakesh Kumar Saxena		LUNCH	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-03 OS** Ms Archana Soni	**5CS4-04 CGM** Ms. Prachi Sharma	NSP
Tues	**5CS5-12 HCI(Batch-2)** Mr. Sanjay Kumar Gupta	C1-Batch 5CS4-23 AOA LAB CS-16B Dr. Rakesh Kumar Saxena AF-8B C2-Batch 5CS4-24 ADV JAVA LAB Mr.Manoj Saini AF-1C C3-Batch 5CS4-22 CD LAB Ms.Neha Shrotriya			**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-02 CD** Ms.Neha Shrotriya	AF-03 **Add on Course** Mr.Suchit Bhai Patel
Wed	**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	AF-1B C1-Batch 5CS4-24 ADV JAVA LAB Mr.Manoj Saini AG-24 C2-Batch 5CS4-22 CD LAB Ms.Neha Shrotriya AF-1C C3-Batch 5CS4-21 CGM LAB Ms. Prachi Sharma			**5CS4-04 CGM** Ms. Prachi Sharma	**5CS4-03 OS** Ms Archana Soni	**5CS4-02 CD** Ms.Neha Shrotriya	NSP
Thur	**5CS4-03 OS** Ms Archana Soni	AG-24 C1-Batch 5CS4-21 CGM LAB Ms. Prachi Sharma C2-Batch 5CS4-23 AOA LAB CS-16B Dr. Rakesh Kumar Saxena AF-8A C3-Batch 5CS4-24 ADV JAVA LAB Mr.Manoj Saini			**5CS4-04 CGM** Ms. Prachi Sharma	**5CS4-02 CD** Ms.Neha Shrotriya	**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	**Activity**
Fri	**5CS4-03 OS** Ms Archana Soni	**5CS7-30 IND. TRAINING** Dr. Nikita Jain	**5CS3-01 ITC** Ms. Prachi Sharma		**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	**5CS4-04 CGM** Ms. Prachi Sharma	**5CS4-02 CD** Ms.Neha Shrotriya	**Add on Course** Mr. Manish Choubisa
Sat	**I3 ACTIVITY** Ms.Neha Shrotriya	I3 ACTIVITY			I3 Activity			

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-A

Tutor Name: Ms. Nikita Jain
WEF:08.11.2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Mo	OE	VII-A1 7CS4-21 IOT Lab AF-1B Ms.Reena Sharma VII-A2 7CS4-22-CS Lab AF-1C Mr. Pushpendra Mudgal		LUNCH	7CS4-01 IOT AF-02 Ms.Reena Sharma	VII-A1 7CS4-22-CS Lab AF-8B Mr. Pushpendra Mudgal VII-A2 7CS4-21 IOT Lab AF-1B Ms.Reena Sharma		Project Guide Interaction
Tu	OE	VII-A1 7CS4-21 IOT Lab AF-1B Ms.Reena Sharma VII-A2 7CS4-22-CS Lab AF-1C Mr. Pushpendra Mudgal			7CS4-01 IOT AF-02 Ms.Reena Sharma	VII-A1 7CS4-22-CS Lab AF-1C Mr. Pushpendra Mudgal VII-A2 7CS4-21 IOT Lab AF-1B Ms.Reena Sharma		Project Guide Interaction
We	OE	7CS7-30-Industrial Training CF-05 Ms.Nikita Jain	7CS7-40 Seminar CF-05 Mr.Pawan Patidar		7CS4-01 IOT CF-03 Ms.Reena Sharma	AF-7A VII-A1 7CS7- PROJECT Mr. Vikram Khandelwal / 7CS7- PROJECT Mr. Vikram Khandelwal AF-7B VII-A2 7CS7- PROJECT Dr. Veena Yadav / 7CS7- PROJECT Dr. Veena Yadav		Project Guide Interaction
Th	MOOC COURSES				MOOC COURSES			
Fr								
Sa								

Time Table Coordinators, Dy.HoD, HoD, CE, Vice Principal, Director, PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-B

Tutor Name: Dr. Neelam Chaplot
WEF:08.Nov.2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Mo	OE	7CS7-30-Industrial Training CF-05 Dr.Neelam Chaplot	7CS4-01 IOT AF-02 Mr.Manish Dubey		VII-B1 7CS7- PROJECT AF-8B Dr. Mithlesh Arya VII -B2 7CS7- PROJECT AF-8A Mr. Nimish Arvind	VII-B1 7CS4-22-CS Lab AF-1A Ms.Archana Soni VII -B2 7CS4-21 IOT Lab AF-1C Mr.Manish Dubey		Project Guide Interaction
Tu	OE	7CS4-01 IOT AF-02 Mr.Manish Dubey	7CS7-40 Seminar CF-05 Ms. Upma Kumari		7CS7- PROJECT AF- 8A Mr.Ravi Kumar VII -B2 7CS7- PROJECT AF-8B Dr. Shiv Agarwal	VII-B1 7CS4-21 IOT Lab AF-1A Mr.Manish Dubey VII -B2 7CS4-22-CS Lab AF-7B Ms.Arcahan Soni		Project Guide Interaction
We	OE	VII-B1 7CS4-22-CS Lab AF-1A Ms.Archana Soni VII -B2 7CS4-21 IOT Lab AF-1C Mr.Manish Dubey		LUNCH	7CS4-01 IOT AF-02 Mr.Manish Dubey	VII-B1 7CS4-21 IOT Lab AF-1A Mr.Manish Dubey VII -B2 7CS4-22-CS Lab AF-8B Ms.Archana Soni		Project Guide Interaction
Th	MOOC COURSES				MOOC COURSES			
Fr								
Sa								

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV YEAR VII-C

Tutor Name: Mr. Manish Choubisa
WEF: 08. NOV. 2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Mo	OE	VII-C1 7CS4-21 IOT Lab AF-1D Mr.Vishal Choudhary VII-C2 7CS4-22-CS Lab AF-8A Mr.Manish Choubisa			7CS4-01 IOT AF-14 Mr.Vishal Choudhary	VII-C1 7CS4-21 IOT Lab AF-1D Mr.Vishal Choudhary VII-C2 7CS4-22-CS Lab AF-7A Mr.Manish Choubisa		Project Guide Interaction
Tu	OE	7CS4-01 IOT AF-14 Mr.Vishal Choudhary	VII-C1 7CS7- PROJECT AF-7A Mr. Jay Prakash Singh VII-C2 7CS7- PROJECT AF-8A Dr. Madan Lal Saini		VII-C1 7CS7- PROJECT AF-7A Mr. Jay Prakash Singh VII-C2 7CS7- PROJECT AF-8A Dr. Madan Lal Saini	VII-C1 7CS4-22-CS Lab AF-8A Mr.Manish Choubisa VII-C2 7CS4-21 IOT Lab AF-8B Mr.Vishal Choudhary		Project Guide Interaction
We	OE	VII-C1 7CS4-22-CS Lab AF-8A Mr.Manish Choubisa VII-C2 7CS4-21 IOT Lab AF-1D Mr.Vishal Choudhary		LUNCH	7CS4-01 IOT AF-14 Mr.Vishal Choudhary	7CS7-40 Seminar Dr. Sunil Gupta CF-05	7CS7-30-Industrial Training Dr. Sunil Gupta CF-05	Project Guide Interaction
Th	MOOC COURSES				MOOC COURSES			
Fr								
Sa								

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10 Course Outcome Attainment Process:

10.1 Course Outcome Attainment Process

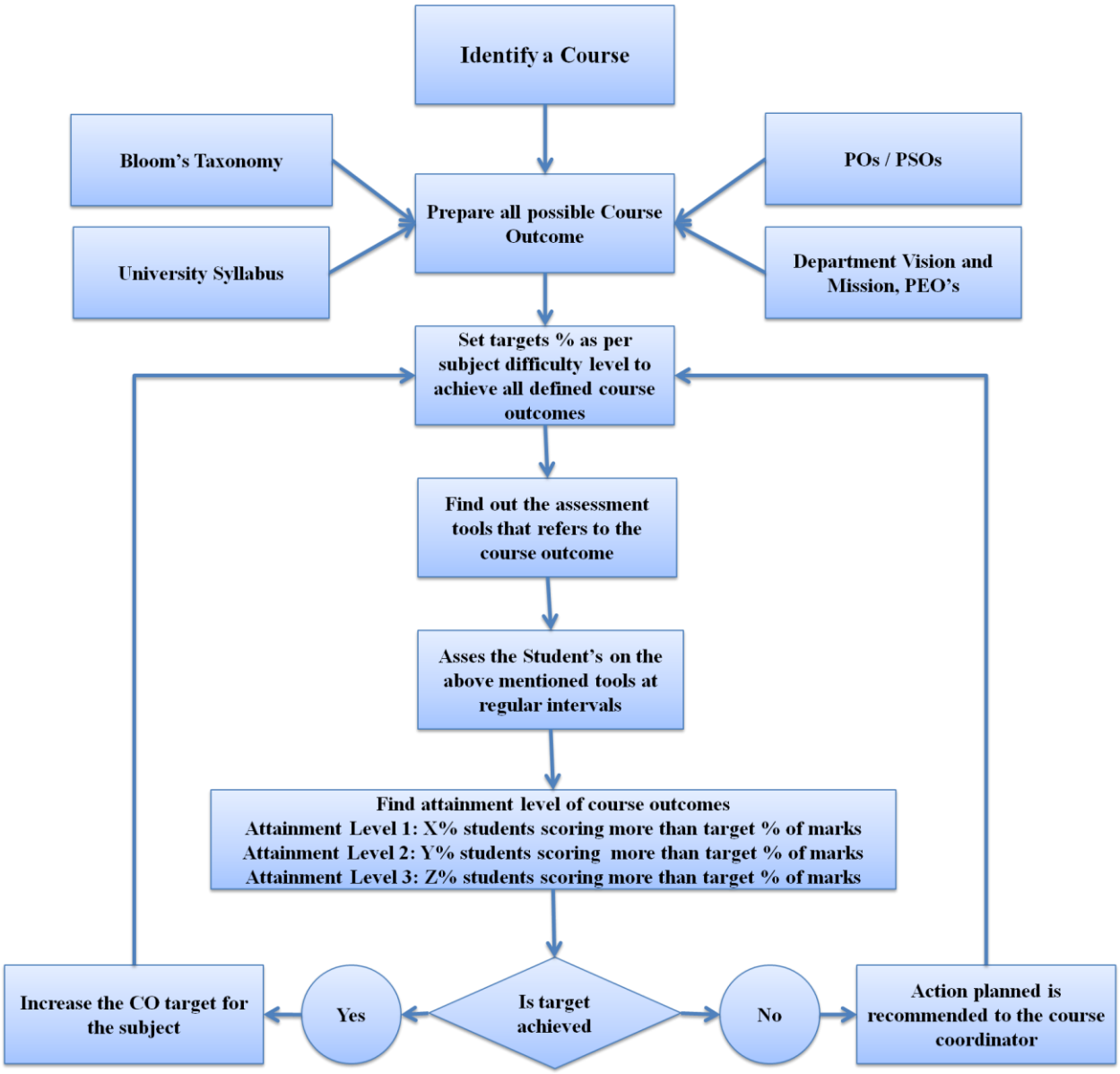

Figure. Course Outcome Attainment Process

10.2 List of CO & CO mapping with PO

Department of Computer Engineering																		
CO-PO Mapping (Session 2021-22)																		
S.No	Course Name	CO No	Course Outcomes (After completing the course students will be able to.....)	PO 1: Engineer	PO 2: Proble	PO 3: Design/	PO 4: Condu	PO 5: Moder	PO 6: Theeng	PO 7: Environ	PO 8: Ethics:	PO 9: Individ	PO 10: Comm	PO 11: Project	PO 12: Life-lon	PSO 1- The abilit	PSO 2- The abilit	PSO 3- The abilit
1	Advanced Engineering Mathematics	CO 1	To Define probability models using probability mass (density) functions, need and classification of	**1**	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 2	To Explain the probability distributions of discrete and continuous random variables and work	**2**	-	-	-	-	-	-	-	-	-	-	-	2	1	-
		CO 3	To Solve mathematical models of the real world problems in optimization using Linear Programming	**3**	-	-	-	-	-	-	-	-	-	-	-	2	1	-
		CO 4	To Examine the correlation between two variables and regression applications for purposes of	-	**3**	-	-	-	-	-	-	-	-	-	-	2	1	1
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**3**	-	-	-	-	-	-	-	-	-	-	**2**	**1**	**1**
2	Managerial Economics and Financial Accounting	CO 1	To Describe the fundamental concepts of Economics and Financial Management and define	-	-	-	-	-	1	-	-	-	2	3	1	-	-	-
		CO 2	To Calculate the domestic product, national product and elasticity of price on demand and	-	-	-	-	-	2	-	-	-	-	3	-	-	-	-
		CO 3	To Draw the cost graphs, revenue graphs and forecast the impact of change in price in various	3	-	2	-	-	-	-	-	-	-	2	-	-	-	-
		CO 4	To Compare the financial statements to interpret the financial position of the firm and evaluate the	-	3	-	-	-	-	-	-	-	-	2	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	**3**	**2**	-	-	**1.5**	-	-	-	**2**	**2.5**	**1**	-	-	-
3	Digital Electronics	CO 1	To Apply the fundamentals of Number Systems and boolean Algebra for solving the numericals and	**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	-	-	3	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 4	To Evaluate the performance of Digital Logic Families and its realization.	-	-	-	2	-	-	-	-	-	-	-	-	-	**2**	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**2**	-	-	-	-	-	-	-	-	**2**	**2**	-
4	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	-	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**

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5	Object Oriented Programming	CO 1	Apply the various programming paradigms such as exception handling, polymorphism in software	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**
6	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 technique and risk analysis techniques in software engineering	-	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	-	-	-	3	-	-	-	-	-	-	-	-	3	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**3**	-	-	-	-	-	-	-	-	**2.5**	**3**	**2**
7	Data Structures and Algorithms Lab	LO1	To Utilize searching and sorting algorithms on given values.	2	-	-	-	2	-	-	-	-	2	-	-	2	-	-
		LO2	To analyze the time and space efficiency of the data structure	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-
		LO3	To Evalute traversing, insertion and deletion operations on Linear and non linear data structures	-	-	-	-	-	-	2	-	-	-	-	2	-	2	-
		LO4	To construct the solutions for real time applications	-	-	-	-	2	-	-	-	2	-	-	-	-	-	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	-	-	-	**2**	**2**	**2**	-	**2**	**2**	-	**2**	**2**	**2**	**3**
8	Object Oriented Programming Lab	LO1	Students will able to apply the programming concepts such as inheritance, polymorphism	-	-	-	-	2	-	-	-	-	-	-	2	3	-	-
		LO2	Students will be able to distinguish the programming methodologies to implement programs	-	-	-	-	-	2	-	-	-	-	-	2	-	2	-
		LO3	Students will be able to explain the concepts to develop the structured programs.	-	-	-	-	-	-	2	-	-	-	-	2	-	-	3
		LO4	Students will be able to construct the solutions for real time problems	-	-	-	-	-	-	-	-	2	-	3	-	-	-	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	**2**	**2**	**2**	-	**2**	-	**3**	**2**	**3**	**2**	**3**

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10	Digital Electronics Lab	LO1	Apply appropriate basic logic gates for verifying the truth tables.	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO2	Demonstarte ability for recognizing any IC and its fuctionality.	-	**2**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO3	Design any basic gates by the use of universal gates.	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**2**	-
		LO4	Identify the limitation of basic logic gates while desgining any SOP and POS logics.	-	-	-	**2**	-	-	-	-	-	-	-	-	**2**	-	-
		LO5	Design any sequential and combinational circuits using basic gates as well as by defined IC.	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO6	Demonstrate the working of Digital Trainer kits and usability of it.	-	-	-	-	**2**	-	-	-	-	-	-	-	-	**2**	-
		LO7	Debug a circuit to find a problem and suggest suitable solution.	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-	**2**
		LO8	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**
11	Industrial Training	LO1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	Become master in one's specialized technology and updated with all the latest changes in	-	-	-	-	3	-	-	-	-	-	3	-	3	-	3
		LO3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
		LO4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
		LO5	Ability to identify, formulate and model problems and find engineering solution based on a systems	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
		LO6	Capability and enthusiasm for self-improvement through continuous professional development and	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
		LO7	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**	**2.2**	**2**	**3**
12	Information Theory & Coding	CO 1	Demonstrate the concept of information theory and entropy.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 2	Analyze the different coding techniques for efficient communication.	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-
		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**

13	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 organization and code optimization.	-	-	-	3	-	-	-	-	-	-	-	-	2	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**3**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**2**	**2**
14	Operating System	CO 1	To demonstrate the knowledge of Operating System services including Memory, Device & File Management.	3	-	-	-	-	-	-	-	-	-	-	-	3	-	2
		CO 2	To categorize the Process management in terms of inter process communication and memory management	-	3	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 3	To Design the solution for scheduling and deadlock problems in operating system using appropriate	-	-	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**
15	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**
16	Analysis of Algorithms	CO 1	Understand complexity of an algorithm, asymptotic notation and divide and conquer method for developing	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	-	-	3	-	-	-	-	-	-	-	-	-	2	-	-
		CO 4	To synthesize the randomized algorithm, assignment problem and types of classes such as P, NP, and NP	-	-	-	2	-	-	-	-	-	-	-	-	3	-	2
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	**3**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**

17	Wireless Communication	CO 1	To Classify the challenges with transmission of signals in wireless communication systems and Cellular	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 2	To Analyze the measures to increase the capacity in GSM systems- sectorization and Spatial Filtering for	-	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**	**-**
18	Human Computer Interaction	CO1	To apply guidelines and imperical research method in HCI to Make User Friendly Computer Interface	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO2	To categorise Human Computer interction concept using GUI Design and Prototuping techniques	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-
		CO3	To design Task models and object oriented modeling for computer interface	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2
		CO4	To classify types of GOMS, Family model and LAWS	-	-	-	2	-	-	-	-	-	-	-	-	1	2	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**3**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.5**	**2**	**2**
19	Computer Graphics & Multimedia Lab	LO1	to apply the concepts of transformation techniques on 2D & 3D objects.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	to analyze the colour modelling, shading and animation on graphic objects.	-	3	-	-	-	-	-	-	-	-	-	-	2	-	3
		LO3	to design the graphical premitives drawing algorithms such as line, circle drawing algorithms.	-	-	3	-	-	-	-	-	-	-	-	-	2	-	3
		LO4	to Generate Fractal images using graphics tool like Sterling	-	-	-	2	2	-	-	-	-	-	-	-	3	-	-
		LO5	to make a project to solve real life socity based problem and demonstrate following PO related	-	-	-	-	-	3	3	3	3	3	3	3	3	2	3
				2	**3**	**3**	**2**	**2**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**2.4**	**2**	**3**
20	Compiler Design Lab	LO1	To Analysis the finite state machines, lexical analyzer, parser for the grammar.	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-
		LO2	To Develop recognition of identifiers, constants, comments, operators, loops and keywords, and	-	-	-	-	3	-	-	-	-	-	-	-	2	-	-
		LO3	To Design intermediate code genrator and converted into optimzed code	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-
		LO4	To demostrate hands on experience of working on system software.	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	**-**	**-**	**-**	**3**	**3**	**-**	**-**	**3**	**-**	**-**	**-**	**2.3**	**3**	**-**

21	Analysis of Algorithms Lab	LO1	Apply sorting algorithms like quick sort for information searching.	**3**	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		LO2	Identify problems to be broken down into simple sub problems using merge sort algorithm	-	-	-	**3**	-	-	-	-	-	-	-	-	-	**3**	-
		LO3	Device solutions using topological ordering to quickly compute shortest paths	-	-	2	-	-	-	-	-	-	-	-	-	-	**3**	-
		LO4	Demonstrate real world scenarios like resource allocation using knapsack algorithm	-	-	-	-	-	-	-	-	-	-	-	2	-	**2**	-
		LO5	From a given vertex, Select Dijkstra's algorithm to find the shortest path to other vertices	-	-	-	-	2	-	-	-	-	-	-	-	-	-	**3**
		LO6	Demonstrate minimum cost spanning tree of a given undirected graph using kruskal's algorithm	-	3	-	-	-	-	-	-	-	-	-	-	-	-	**3**
				3	**-**	**2**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**3**	**2.7**	**3**
22	Advance Java Lab	LO1	To apply event handling on AWT and Swing components.	-	-	3	-	-	-	-	-	-	-	-	-	3	-	-
		LO2	To Design a page using Swing , Servlet , JSP and JDBC connectivity.	-	-	-	-	3	-	-	-	-	-	-	-	3	-	-
		LO3	To create a project based on societal problem.	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-
		LO4	To map Java classes and object associations to relational database tables with Hibernate	-	-	-	-	-	-	3	-	-	-	-	-	-	3	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	**-**	**3**	**-**	**3**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**3**	**3**	**3**
23	Industrial Training	LO1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	Become master in one's specialized technology and updated with all the latest changes in technological	-	-	-	-	3	-	-	-	-	-	3	-	3	-	3
		LO3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
		LO4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
		LO5	Ability to identify, formulate and model problems and find engineering solution based on a systems approach.	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
		LO6	Capability and enthusiasm for self-improvement through continuous professional development and life-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
		LO7	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**	**2.2**	**2**	**3**
24	Internet of Things	CO 1	To demostrate concepts IOT plateform and conectivity with devices like Ardinuo, Raeberry 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 applications.	-	-	3	-	-	-	-	-	-	-	-	-	-	**3**	-
		CO 4	To investigate solutions of complex problems using advance concepts of IOT & Big Data.	-	-	-	3	-	-	-	-	-	-	-	-	-	**2**	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**

25	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	-	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	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	**3**	**2**	**2**	-	-	-	-	-	-	-	-	**2**	-	-
26	Cyber Security (Open Elective-1)	CO 1	To Apply basic concepts of Cybercrime and legal Perspectives of Security Implications for Organizations	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		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	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**3**	**2**	**2**	-	-	-	-	-	-	-	-	**2**	**2**	**2**
27	Internet of Things Lab	LO1	to Define the various terminal commands used in developing IOT applications.	3	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO2	to develop the python scripts used in IOT applications.	-	3	-	-	-	-	-	-	-	-	-	-	-	-	**3**
		LO3	to apply the logics of IOT for designing IOT applications	-	-	3	-	-	-	-	-	-	-	-	-	-	**3**	-
		LO4	to make a project to solve real life socity based problem and demonstrate following PO related	-	-	3	-	3	3	3	3	3	3	3	3	3	2	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	**3**	**3**	-	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**2.5**	**2.5**	**3**
28	Cyber Security Lab	LO1	to analyse the data transferred and protocol using different security-based tools like Wire shark, tcpdump,	-	3	-	-	-	-	-	-	-	-	-	-	3	-	2
		LO2	to design the substitution and transposition techniques for plain text encryption and decryption.	-	-	3	-	-	-	-	-	-	-	-	-	2	-	3
		LO3	to observe ARP Poisoning, encryption and decryption techniques for secure data transmission across network	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
		LO4	to Install appropriate tools for network protocol analyse security-based tools like Wire shark, tcpdump	-	-	-	-	3	-	-	-	-	-	-	-	3	-	2
		LO5	to identify and describe a variety of ethical factors that may be relevant to understanding and assessing in	-	-	-	-	-	-	-	3	-	-	-	-	2	3	-
		LO6	To Improve team working skill for designing a solution for Key Exchange problem and general attacks on	-	-	-	-	-	-	-	-	3	-	-	-	3	2	-
		LO7	to implement a small project for Server-Client technology using a File Transfer Protocol mechanism	-	-	-	-	-	-	2	-	-	3	3	3	-	2	3
				-	**3**	**3**	**2**	**3**	-	**2**	**3**	**3**	**3**	**3**	**3**	**2.5**	**2.3**	**2.5**

29	Industrial Training	LO1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	Become master in one's specialized technology and updated with all the latest changes in technological	-	-	-	-	3	-	-	-	-	-	3	-	3	-	3
		LO3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
		LO4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
		LO5	Ability to identify, formulate and model problems and find engineering solution based on a systems approach.	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
		LO6	Capability and enthusiasm for self-improvement through continuous professional development and life-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
		LO7	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**	**2.2**	**2**	**3**
30	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	-	-	-	3	-	-	-	-	-	3	-	-	-	3	-
		CO 3	Analysis and comprehension of proof-of-concept and related data to access social, health, legal and	-	3	-	-	-	3	3	-	-	-	-	-	2	-	-
		CO 4	Develop strategies for identifying and dealing with typical ethical issues, both personal and organizational	-	-	-	-	-	-	-	3	2	-	-	-	3	3	-
		LO5	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**	**2.3**	**2.7**	**2**

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11 Course File Sample

Outcome Based ProcessImplementationGuidelinesforFaculty

11.1 Labellingyourcoursefile

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

11.2 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: Previous RTUResult:pointno. 13.3 upto13.3.2**
13. **Document forPOattainmentthroughRTUComponent:Previous RTUResult:pointno. 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**

12 Outcome BasedProcessImplementationGuidelinesforFaculty

CourseCO-PO,Preparation,AssessmentFormats

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

NameoftheFaculty:

Subject: **Subject Code:**

Thisdocument ismeant asguidelinesfor implementing Outcomebasededucation systemasapartofNBAprocess.

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):**

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

- **OcoverageofUnitsbylectures**
- **Odesignexercises**
- **Odemonstrationofmodels**
- **Obyassignments**

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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.Mapeach COwithPOandPSOasabove.Whilemappingpleaserethinkifyoumapany PO with 3,itmeansyouare planningtodeliverthecontentsofthat 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):
Youcanplanfor eachCO,activities/assessment toolstobeconducted/usedfor its achievement.
UseXtothoseyouselectforspecificCO.Removeallunusedcolumns.

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	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,determinetargetsfor eachCOasaverageoftargetsof 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:

Thisgivesyougeneralizedviewofdifferentdirectandindirecttoolsthosecanbeusedforassessment/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

Pleasedoanalyzewhetheryoucouldgetimprovement throughactivitiesdecidedandconductedforimprovements.Reasonshouldbenotedwhy /howitisimprovedornot.

13.2 AttainmentofPOs&PSO:

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

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

Pleasedoanalyzewhetheryoucouldgetimprovement throughactivitiesdecidedandconductedforimprovements.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 Mark s (80)**	**%0f Marks**	**60% Weightage X----- /100 A**	**Over all CO (-----)**	**%0f Marks**	**Weightage X-- /100 B**	**Overall CO (-----)**	**%0f Marks**	**Weightage X-- /100 C**	**Overal l CO (-----)**	**%0f Mark s**	**Weightage X--/100 D**	**Total (A+B+C+ D)**	**Level of Attainmen t**
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&PSOAttainmentthrough Course:
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).

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13 File Formats

13.1 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

13.2 Front Page of Course File

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: _____

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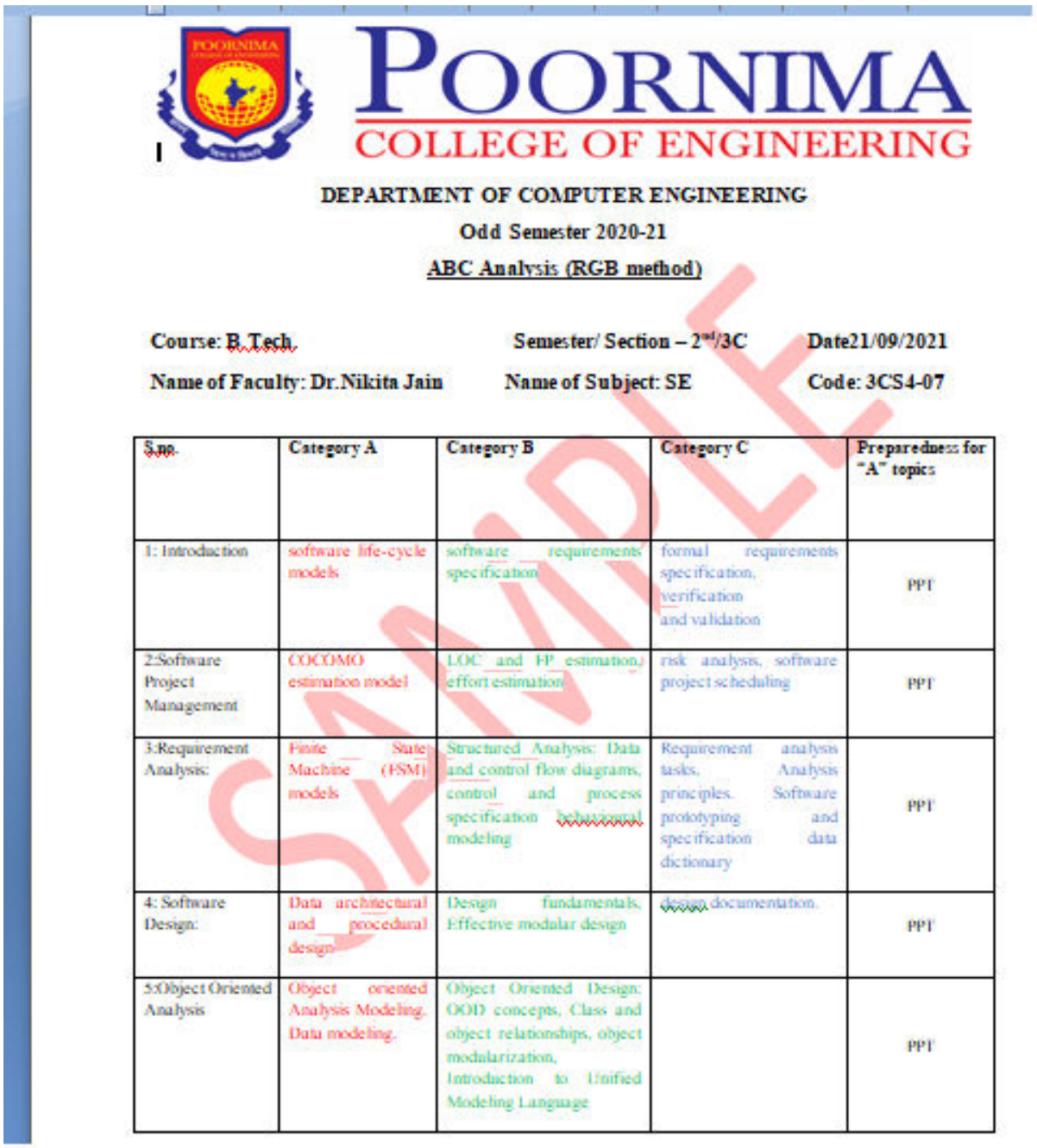
13.3 ABC Analysis Format



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

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13.4 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

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13.5 Deployment Format

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SYLLABUS DEPLOYMENT

Campus: PCE	Course: B.Tech.	Class/Section: VI[th] 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	
	Introduction to Unit :1						
2	**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**						

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13.6 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:

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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.

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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

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B.E., M.E., Ph.D.
Director
Poornima College of Engineering
181-B, RIICO Institutional Area
Sitapura, JAIPUR

13.7 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:

____

____

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13.7.1 Detailed Lecture Note Format-1

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

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

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13.7.2 Detailed Lecture Note Format-2

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

PAGE NO. .....

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13.8 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

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13.9 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			

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13.10 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				

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13.11 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		

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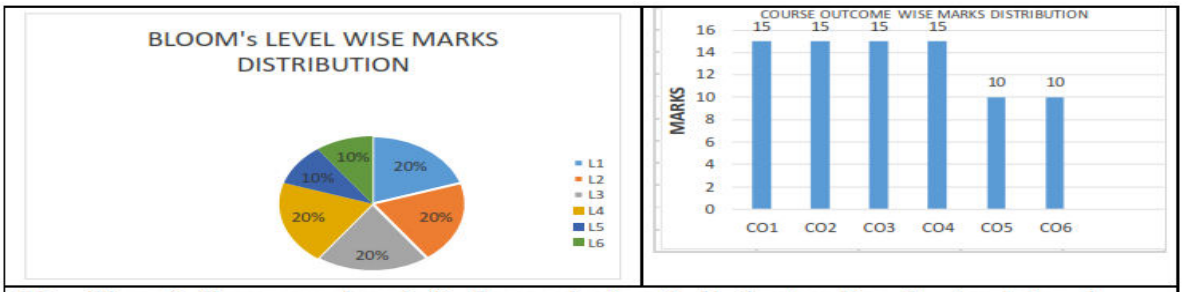

BL – Bloom's Taxonomy Levels (1- Remembering, 2- Understanding, 3 – Applying, 4 – Analyzing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes; PO – Program Outcomes

13. 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

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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		

POORNIMA
COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING

CURRICULUM DELIVERY PLAN

OUTLINE- EVEN SEM-2021-22

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)

• Phone: +91-141-2770790 • E-mail: infor@poornima.org

• Website: www.poornima.org

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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.

1 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

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

1.2.1 Vision of Department

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

1.2.2 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.

1.2.3 PEO of the Department

Program Educational Objectives (PEOs)

PEO 1: Graduates will work productively as skillful engineers playing the leading roles in multifaceted teams

PEO 2: Graduates will identify the solutions for challenging issues inspiring the upcoming generations leading them towards innovative, creative, and sophisticated technologies.

PEO 3: Graduates will implement their pioneering ideas practically to create products and the feasible solutions of research oriented problems

1.2.4 Program Specific Outcome (PSOs)

PSO1. The ability to understand and apply knowledge of mathematics, system analysis & design, Data Modelling, 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.

1.3 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.

2 Department Academic & Administrative Bodies - Structure & Functions

2.1 Department Advisory Board (DAB)

2.1.1 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.

2.1.2 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.

2.1.3 Department-Wise Composition

S. No.	Category	Nominated by	Name of Members	Address
1	Chairman, DAB-CE	Chairman, IQAC	Dr. Mahesh Bundele	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Member Secretary	Chairman, DAB-CE	Dr. Surendra Kumar Yadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
3	Faculty representative-1	Chairman, DAB-CE	Dr. VeenaYadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
4	Faculty	Chairman, DAB-	Mr.VikramKhandelwa	Poornima College of Engineering, ISI-6,

	representative-2	CE	I	RIICO Inst. Area, Sitapura, Jaipur
5	Faculty representative-3	Chairman, DAB-CE	Mr. Sumit Kumar	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Faculty representative-4	Chairman, DAB-CE	Ms. Reena Sharma	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
7	Faculty representative-5	Chairman, DAB-CE	Ms. ArchanaSoni	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
8	Faculty representative-6	Chairman, DAB-CE	Ms.UpmaKumari	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
9	Special Invitee	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. NiharikaSaini	TCS
11	Alumni Representative-2	Chairman, DAB-CE	Mr. MananBhargava	IBM
12	Student Representative	Chairman, DAB-CE	Mr. Anubhav Gupta	Final Year CE
13	Industry Representative	Chairman, DAB-CE	Ms. Maneesha	Optum
14	Parents Representative-1	Chairman, DAB-CE	Mr. Nagendra Singh Naruka	Jaipur
15	Parents Representative-2	Chairman, DAB-CE	Mr. JeetendraMathur	Jaipur

2.1.4 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 last meeting to be implemented in DAC and CDP. • Prepares final draft of CDP and DAC to be proposed in upcoming IQAC meeting
2.	DAB-2	February Second Week	• Approval / Suggestions of proposals from last PAC Meeting. • Revision of DAB Drafts for being proposed in upcoming GC

3	DAB-3	March First Week	• Draft preparation for DAC and CDP for upcoming semester after considering inputs from PAC. • Review Semester closure draft from PAC.
4.	DAB-4	April Last Week / May First 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 GC sessions and compiling it with ATR-1

2.2 Program Assessment Committee

2.2.1 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.

2.2.2 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.

2.2.3 Department-Wise Composition

S. No.	Category	Nominated by	Name of Members	Address
1	Chairman, PAC-CE	Chairman, IQAC / Head of Institution	Dr. Surendra Kumar Yadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Member Secretary	Chairman, PAC-CE	Dr. Ajay Kumar Khunteta	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
3	Faculty representative-1	Chairman, PAC-CE	Dr. VeenaYadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
4	Faculty representative-2	Chairman, PAC-CE	Mr.Amitesh Kumar	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
5	Faculty representative-3	Chairman, PAC-CE	Mr. VikramKhandelwal	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Faculty representative-4	Chairman, PAC-CE	Ms. Reena Sharma	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
7	Faculty representative-5	Chairman, PAC-CE	Ms. ArchanaSoni	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur

8	Faculty representative-6	Chairman, PAC-CE	Mr. Gaurav Sharma	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur

2.2.4 Meeting Frequency & Objectives

Meeting No.	Meeting Code	Meeting Month-Week	Meeting Objective
1.	PAC-1	January 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	Feb Second 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	February 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 assessment of Academic, Extra and Co-Curricular activities ● Regular calculation of attainments ● Revision of academics gaps as previous attainment
5.	PAC-5	March Last Week	● 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
6.	PAC-6	April second Week	● Incorporation of suggestions from IQAC and DAB meetings in execution of Semester activities ● Execution and assessment of Academic, Extra and Co-Curricular activities ● Revision of academics gaps as previous attainment ● Calculation of attainments
7.	PAC-7	April 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

8.	PAC-8	May Second 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
9.	PAC-9	May 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
10.	PAC-10	June Second 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
11.	PAC-11	June 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 ● 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.
12.	PAC-12	June Last Week	● Feedback of last IQAC and suggestions for new semester to be implemented in CDP and DAC ● Elective proposals/CBCS

1 List of Faculty Members & Technical Staff

S. No.	Name of the Faculty Member	College Emp. ID	Designation	Email Address	MobilePhone
1	DR. MAHESH BUNDELE	2820	PRINCIPAL	maheshbundele@poornima.org	9828999440
2	Dr. VEENA YADAV	4548	PROFESSOR	yveena@gmail.com	9549836161
3	Dr. NEELAM CHAPLOT	6107	PROFESSOR	neelam.chaplot@gmail.com	7976542623
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39	Mr. DEEPAK BABERWAL	2833	ASST PROFESSOR	deepakbaberwal01@gmail.com	9785079541

2 Institute Academic Calendar

JANUARY 2022

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

FEBRUARY 2022

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					

MARCH 2022

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		

APRIL 2022

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

MAY 2022

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				

JUNE 2022

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		

JULY 2022

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) • Accredited by NBA

ACADEMIC CALENDAR 2021-22*#

EVEN SEMESTER

January 2022

Saturday, 08	Annual Alumni Meet [VIRTUAL MODE]
Thursday, 20	First Day, B. Tech. VI and VIII Sem.
Thursday, 27	First Day, B. Tech. IV Sem.
Wednesday, 26	Republic Day Celebration

February 2022

Wednesday, 23 to Saturday, 26	Aarohan -2022

March 2022

Friday, 11 to Saturday, 12	Wise Activity
Friday, 25 to Sunday, 27	Hostel Fest (AAYAM, TATVA TORQUE,PARAM, AADHYAY)

April 2022

Friday,01	First Day, B. Tech. II Sem.
Monday, 04 to Saturday, 09	First Mid Term Examination for B.Tech VI & VIII Sem
Monday, 25 to Saturday, 30	First Mid Term Examination for B.Tech IV Sem

May 2022

Friday, 06 to Sunday, 08	Mentorship Summit / Students' Council Meet
Saturday, 14	Last Teaching Day for B.Tech VI & VIII Sem
Monday, 16 to Saturday, 21	Second Mid-Term Examination for B.Tech VI & VIII Sem
Monday, 23 to Saturday, 28	First Mid Term Examination for B.Tech II Sem
Monday, 23 to Wednesday, 25	End-Term Practical Exams for B.Tech VI & VIII Sem

June 2022

Monday, 06 to Saturday, 11	Second Mid-Term Examination for B.Tech IV Sem
Monday, 13 to Wednesday, 15	End-Term Practical Examination for B.Tech IV Sem

July 2022

Monday, 04 to Saturday, 09	Second Mid-Term Examination for B.Tech II Sem
Monday, 11 to Wednesday, 13	End-Term Practical Examination for B.Tech II Sem

HOLIDAYS IN EVEN SEMESTER 2021-22

1	Winter Break	As per RTU Examination Schedule
2	Makar Sankranti	Friday, January 14 to Saturday, January 15, 2022
3	Celebration of Republic Day	Wednesday, January 26, 2022
4	Holi	Friday, March 18 to Saturday, March 19, 2022
5	Ramzan Id/Eid-ul-Fitar	Tuesday, May 03, 2022
6	Summer Break	As per RTU Examination Schedule

*Subject to revision as per RTU notifications

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3 Department Activity Calendar

Calendar for Computer Engineering : EVEN Semester - Session 2021-22

(A) Academic Processes

S. No.	Activity/ Process	B.Tech. II Sem.	B.Tech. IV Sem.	B.Tech. VI Sem.	B.Tech. VIII Sem.
1	Date of Registration & start of regular classes for students	Friday,01, April 2022	Thursday, 27, January 2022	Thursday, 20, January 2022	Thursday, 20, January 2022
2	Orientation programme	Friday, 01 to Thursday, 07, April 2022	Thursday, 27 January to 04 February, 2022	Thursday, 27 January to 04 February, 2022	Thursday, 27 January to 04 February, 2022
3	Date of submission of question papers by faculty members to secrecy for 1st Mid-term	Monday 9, May 2022	Monday 11, April 2022	Monday 11, April 2022	Monday 11, April 2022
4	I Mid Term Theory & Practical Exam	Monday, 23 to Saturday, 28, May 2022	Monday, 25 to Saturday, 30, April 2022	Monday, 04 to Saturday, 09, April 2022	Monday, 04 to Saturday, 09, April 2022
5	Showing evaluated answer books of 1st Mid-term exam to students in respective classes	Monday, 06/06/2022	Saturday, 07/05/2022	Saturday, 16-04-2022	Saturday, 16-04-2022
6	Last date of submission of Evaluated Answer Books and Mark of First Mid-term Theory & Practical exam to Exam and Secrecy Cell respectively	Saturday, 4 June 2022	Thursady, 5 May 2022	Saturday, 16 April 2022	Saturday, 16 April 2022
7	Date of submission of question papers by faculty members to secrecy for 2nd Mid-term	Monday, 27 June 2022	Monday, 30 May 2022	Monday, 2 May 2022	Monday, 2 May 2022
8	Revision classes				
9	Last Teaching Day*	Thursday, 30 June 2022	Friday 3 June 2022	Saturday, 14, May 2022	Saturday, 14, May 2022
10	2nd Mid-term theory & Practical Exams*	Monday, 04 to Saturday, 09, July 2022	Monday, 06 to Saturday, 11, June 2022	Monday, 16 to Saturday, 21, May 2022	Monday, 16 to Saturday, 21, May 2022
11	End-Term Practical Exams	Monday, 11 to Wednesday, 13, July 2022	Monday, 13 to Wednesday, 15, June 2022	Monday, 23 to Wednesday, 25, May 2022	Monday, 23 to Wednesday, 25, May 2022

(B) Events and Activities					
12	Expert Lecture on Soft Skill for Corporate World		8th February,2022		
13	Training on Microsoft Team		15th February,2022		
14	Workshop on Microsoft Publisher		22nd February,2022		
15	workshop on A Fast Guide on Writing LaTeX				2nd April,2022
16	Expert Lecture on Growth Mindset v/s Fixed Mindset			11 February, 2022	
17	**Republic day Activity**	26 Jan, 2022			
18	Female Health Awareness Day		11th February, 2022		
19	International Women's Day Celebration		8th March, 2022		
20	Industrial Visit to Bhamashah Techno hub			Thursday, April 21, 2022	
21	Hands on session on Programing with Python		15-Feb-22		
22	Recent Trends of AI with ML		3-Feb-22		
23	Security and Thrust in Internet of Things		4-Feb-22		
24	Growth Mindset Vs. Fixed Mindset			2/11/2022	
25	Hands on session on Programing with Python		15-Feb-22		
26	Cryptography & Network Security Concepts			2/23/2022	
27	Alumani Inteaction			2/24/2022	
28	Mini SIH , 2022		March 5, 2022		
29	Alumani Inteaction "Build your Image online & offline"		March 11, 2022		
30	Placement Guidence.....		March 12, 2022		
31	The Hello World of Machine Learning : Hands on		April 6 -7, 2022		
32	Hands on "Data Analytics in Python"			April 13, 2022	
33	Entrepreneurship Awareness Camp (EAC - 5) on "Innovation : A key for Successful Entrepreneur"			April 19-21, 2022	
34	A workshop on "Penetration Testing"		16-May-22		
(C) Holidays					
35	Makar Sankranti	Friday, January 14 to Saturday, January 15, 2022			
36	Celebration of Republic Day	Wednesday, January 26, 2022			
37	Holi	Friday, March 18 to Saturday, March 19, 2022			
38	Ramzan Id/Eid-ul-Fitar	Tuesday, May 03, 2022			
"स्वच्छ भारत.. सम्पन्न भारत.."					

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4 Teaching Scheme

7.1 RTU Teaching

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

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

SN	Category	Course Code	Course Title	Contact hrs/week L	T	P	Marks Exm Hrs	IA	ETE	Total	Cr
THEORY											
1	BSC	4CS2-01	Discrete Mathematics Structure	3	0	0	3	30	120	**150**	**3**
2	HSMC	4CS1-03/ 4CS1-02	Managerial Economics and Financial Accounting /Technical Communication	2	0	0	2	20	80	**100**	**2**
3	ESC	4CS3-04	Microprocessor & Interfaces	3	0	0	3	30	120	**150**	**3**
4	PCC	4CS4-05	Database Management System	3	0	0	3	30	120	**150**	**3**
5		4CS4-06	Theory of Computation	3	0	0	3	30	120	**150**	**3**
6		4CS4-07	Data Communication and Computer Networks	3	0	0	3	30	120	**150**	**3**
			Sub Total	**17**	**0**	**0**		**170**	**680**	**850**	**17**
PRACTICAL & SESSIONAL											
7	PCC	4CS4-21	Microprocessor & Interfaces Lab	0	0	2		30	20	**50**	**1**
8		4CS4-22	Database Management System Lab	0	0	3		45	30	**75**	**1.5**
9		4CS4-23	Network Programming Lab	0	0	3		45	30	**75**	**1.5**
10		4CS4-24	Linux Shell Programming Lab	0	0	2		30	20	**50**	**1**
11		4CS4-25	Java Lab	0	0	2		30	20	**50**	**1**
12	SODECA	4CS8-00	Social Outreach, Discipline & Extra Curricular Activities							**25**	**0.5**
			Sub- Total	**0**	**0**	**12**		**180**	**120**	**325**	**6.5**
			TOTAL OF IV SEMEESTER	**17**	**0**	**12**		**350**	**800**	**1175**	**23.5**

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

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

Office of Dean Academic Affairs
Rajasthan Technical University, Kota

Scheme of 2nd Year B. Tech. (CS) for students admitted in Session 2017-18 onwards. Page 1

Scheme

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

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

SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
THEORY											
1	ESC	6CS3-01	Digital Image Processing	2	0	0	2	20	80	**100**	**2**
2	PCC/ PEC	6CS4-02	Machine Learning	3	0	0	3	30	120	**150**	**3**
3		6CS4-03	Information Security System	2	0	0	2	20	80	**100**	**2**
4		6CS4-04	Computer Architecture and Organization	3	0	0	3	30	120	**150**	**3**
5		6CS4-05	Artificial Intelligence	2	0	0	2	20	80	**100**	**2**
6		6CS4-06	Cloud Computing	3	0	0	3	30	120	**150**	**3**
7		Professional Elective 1 (any one)		2	0	0	2	20	80	**100**	**2**
		6CS5-11	Distributed System								
		6CS5-12	Software Defined Network								
		6CS5-13	Ecommerce and ERP								
		Sub-Total		**17**	**0**	**0**		**170**	**680**	**850**	**17**
PRACTICAL & SESSIONAL											
8	PCC	6CS4-21	Digital Image Processing Lab	0	0	3	2	45	30	**75**	**1.5**
9		6CS4-22	Machine Learning Lab	0	0	3	2	45	30	**75**	**1.5**
10		6CS4-23	Python Lab	0	0	3	2	45	30	**75**	**1.5**
11		6CS4-24	Mobile Application Development Lab	0	0	3	2	45	30	**75**	**1.5**
12	SODECA	6CS8-00	Social Outreach, Discipline &Extra Curricular Activities						25	**25**	**0.5**
		Sub- Total		**0**	**0**	**12**		**180**	**145**	**325**	**6.5**
		TOTAL OF VI SEMESTER		**17**	**0**	**12**		**350**	**825**	**1175**	**23.5**

L: *Lecture,* ***T:*** *Tutorial,* ***P:*** *Practical,* ***Cr:*** *Credits*
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Teaching & Examination Scheme
B.Tech. : Computer Science & Engineering
4th Year – VIII Semester

SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
THEORY											
1	PCC/ PEC	8CS4-01	Big Data Analytics	3	0	0	3	30	120	**150**	**3**
2	OE		Open Elective - II	3	0	0	3	30	120	**150**	**3**
			Sub Total	**6**	**0**	**0**	**6**	**60**	**240**	**300**	**6**
PRACTICAL & SESSIONAL											
3	PCC	8CS4-21	Big Data Analytics Lab	0	0	2	2	30	20	**50**	**1**
4	PCC	8CS4-22	Software Testing and Validation Lab	0	0	2	2	30	20	**50**	**1**
5	PSIT	8CS7-0	Project	3	0	0				**450**	**7**
6	SODECA	8CS8-00	Social Outreach, Discipline &Extra Curricular Activities							**25**	**0.5**
			Sub- Total	**0**	**0**	**4**	**4**	**120**	**80**	**475**	**9.5**
			TOTAL OF VIII SEMESTER	**6**	**0**	**4**	**10**	**180**	**320**	**775**	**15.5**

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

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

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8. PCE Teaching Scheme

Format for Teaching Scheme of Even Semester 2021-22

Year	Sem	Students	Teaching Scheme				Course Name	Subject Code	No. of Sec	No. of Batches	Batch Size (T/H/	Total Load	Total Load	Total Load	Total Load (L+T+P)	Teaching Dept.
			L	T	P	Credit										
2	4	221	3	1	0	3	Discrete Mathematics Structure	4CS2-01	3	9	F	9	9	0	18	Maths
2	4	221	2	0	0	2	Technical Communication	4CS1-02	3	9	F	6	0	0	6	English
2	4	221	3	0	0	3	Microprocessor & Interfaces	4CS3-04	3	9	F	9	0	0	9	ECE
2	4	221	3	0	0	3	Database Management System	4CS4-05	3	9	F	9	0	0	9	CS
2	4	221	3	0	0	3	Theory of Computation	4CS4-06	3	9	F	9	0	0	9	CS
2	4	221	3	0	0	3	Data Communication and Computer	4CS4-07	3	9	F	9	0	0	9	CS
2	4	221	0	0	2	1	Microprocessor & Interfaces Lab	4CS4-21	3	9	T	0	0	18	18	ECE
2	4	221	0	0	3	1.5	Database Management System Lab	4CS4-22	3	9	T	0	0	27	27	CS
2	4	221	0	0	3	1.5	Network Programming Lab	4CS4-23	3	9	T	0	0	27	27	CS
2	4	221	0	0	2	1	Linux Shell Programming Lab	4CS4-24	3	9	T	0	0	18	18	CS
2	4	221	0	0	2	1	Java Lab	4CS4-25	3	9	T	0	0	18	18	CS
2	4	221	0	0	1		NSP		3	3	F	0	0	3	3	CS
															171	
3	6	212	2	0	0	2	Digital Image Processing	6CS3-01	3	9	F	6	0	0	6	ECE
3	6	212	3	0	0	3	Machine Learning	6CS4-02	3	9	F	9	0	0	9	CS
3	6	212		0	0	2	Information Security System	6CS4-03	3	9	F	9	0	0	9	CS
3	6	212	3	0	0	3	Computer Architecture and	6CS4-04	3	9	F	9	0	0	9	CS
3	6	212	2	0	0	2	Artificial Intelligence	6CS4-05	3	9	F	6	0	0	6	CS
3	6	212	3	0	0	3	Cloud Computing	6CS4-06	3	9	F	9	0	0	9	CS
3	6	212	2	0	0	2	Distributed System (Elective-1) / Ecommerce and ERP (Elective-2)	6CS5-11	3	9	F	6	0	0	6	CS
3	6	212	0	0	3	1.5	Digital Image Processing Lab	6CS4-21	3	9	T	0	0	27	27	ECE
3	6	212	0	0	3	1.5	Machine Learning Lab	6CS4-22	3	9	T	0	0	27	27	CS
3	6	212	0	0	3	1.5	Python Lab	6CS4-23	3	9	T	0	0	27	27	CS
3	6	212	0	0	3	1.5	Mobile Application Development	6CS4-24	3	9	T	0	0	27	27	CS
3	6	212			1		NSP		3	3	F	0	0	3	3	
															165	
4	8	193	3	0	0	3	Big Data Analytics	8CS4-01	3	9	F	9	0	0	9	CSE
4	8		3	0	0	3	Open Elective – II (8CS6-60.1 Big Data Analytics & 8CS6-60.2 IPR, Copyright and		2		F	6	0	0	6	CSE
4	8	193	0	0	4	1	Big Data Analytics Lab	8CS4-21	3	9	T	0	0	36	36	CSE
4	8	193	0	0	4	1	Software Testing and Validation Lab	8CS4-22	3	9	T	0	0	36	36	CSE
4	8	193	0	0	4	7	Project	8CS7-0	3	9	T	0	0	36	36	CSE
															123	

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8. MARKING SCHEME

MARKING SCHEME FOR PRACTICAL EXAM, EVEN 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
2FY2-21	Engineering Chemistry Lab	30	10	40	10	30	40	30	10	40	100
2FY2-20	Engineering Physics Lab	30	10	40	10	30	40	30	10	40	100
2FY1-23	Human Values Activities and Sports	30	10	40	10	30	40	30	10	40	100
2FY1-22	Language Lab	30	10	40	10	30	40	30	10	40	100
2FY3-25	Manufacturing Practices Workshop	30	10	40	10	30	40	30	10	40	100
2FY3-24	Computer Programming Lab	30	10	40	10	30	40	30	10	40	100
2FY3-27	Basic Civil Engineering Lab	30	10	40	10	30	40	30	10	40	100
2FY3-26	Basic Electrical Engineering Lab	30	10	40	10	30	40	30	10	40	100
2FY3-29	Computer Aided Machine Drawing	30	10	40	10	30	40	30	10	40	100
2FY3-28	Computer Aided Engineering Graphics	30	10	40	10	30	40	30	10	40	100
4CE4-21	Material Testing Lab	30	10	40	10	30	40	30	10	40	100
4CE4-22	Hydraulics Engineering Lab	30	10	40	10	30	40	30	10	40	100
4CE4-23	Building Drawing	30	10	40	10	30	40	30	10	40	100
4CE4-24	Advanced Surveying Lab	30	10	40	10	30	40	30	10	40	100
4CE4-25	Concrete Lab	30	10	40	10	30	40	30	10	40	100
4CS4-21	Microprocessor & Interfaces Lab	30	10	40	10	30	40	30	10	40	100
4CS4-22	Database Management System Lab	30	10	40	10	30	40	30	10	40	100
4CS4-23	Network Programming Lab	30	10	40	10	30	40	30	10	40	100
4CS4-24	Linux Shell Programming Lab	30	10	40	10	30	40	30	10	40	100
4CS4-25	Java Lab	30	10	40	10	30	40	30	10	40	100
4EC4-21	Analog and Digital Communication Lab	30	10	40	10	30	40	30	10	40	100
4EC4-22	Analog Circuits Lab	30	10	40	10	30	40	30	10	40	100
4EC4-23	Microcontrollers Lab	30	10	40	10	30	40	30	10	40	100
4EC4-24	Electronics Measurement & Instrumentation	30	10	40	10	30	40	30	10	40	100
4EE4-21	Electrical Machine - II Lab	30	10	40	10	30	40	30	10	40	100
4EE4-22	Power Electronics Lab	30	10	40	10	30	40	30	10	40	100
4EE4-23	Digital Electronics Lab	30	10	40	10	30	40	30	10	40	100
4EE3-24	Measurement Lab	30	10	40	10	30	40	30	10	40	100
4IT4-21	Linux Shell Programming Lab	30	10	40	10	30	40	30	10	40	100
4IT4-22	Database Management System Lab	30	10	40	10	30	40	30	10	40	100
4IT4-23	Network Programming Lab	30	10	40	10	30	40	30	10	40	100
4IT4-24	Java Lab	30	10	40	10	30	40	30	10	40	100
4IT4-25	Web Technology Lab	30	10	40	10	30	40	30	10	40	100
4ME3-21	Digital Electronics lab	30	10	40	10	30	40	30	10	40	100
4ME4-22	Fluid Mechanics lab	30	10	40	10	30	40	30	10	40	100
4ME4-23	Production practice lab	30	10	40	10	30	40	30	10	40	100
4ME4-24	Theory of machines Lab	30	10	40	10	30	40	30	10	40	100
6CE4-21	Environmental Engineering Design and Lab	22	8	30	8	22	30	22	8	30	75
6CE4-22	Steel Structure Design	22	8	30	8	22	30	22	8	30	75
6CE4-23	Quantity Surveying and Valuation	15	5	20	5	15	20	15	5	20	50
6CE4-24	Water and Earth Retaining Structures Design	15	5	20	5	15	20	15	5	20	50
6CE4-25	Foundation Design	15	5	20	5	15	20	15	5	20	50
6CS4-21	Digital Image Processing Lab	22	8	30	8	22	30	22	8	30	75
6CS4-22	Machine Learning Lab	22	8	30	8	22	30	22	8	30	75
6CS4-23	Python Lab	22	8	30	8	22	30	22	8	30	75
6CS4-24	Mobile Application Development Lab	22	8	30	8	22	30	22	8	30	75
6EC 4-21	Computer Network Lab	30	10	40	10	30	40	30	10	40	100
6EC 4-22	Antenna and wave propagation Lab	15	5	20	5	15	20	15	5	20	50
6EC 4-23	Electronics Design Lab	30	10	40	10	30	40	30	10	40	100
6EC 4-24	Power Electronics Lab	15	5	20	5	15	20	15	5	20	50
6EE4-21	Power System - II Lab	30	10	40	10	30	40	30	10	40	100
6EE4-22	Electric Drives Lab	30	10	40	10	30	40	30	10	40	100
6EE4-23	Power System Protection Lab	15	5	20	5	15	20	15	5	20	50
6EE4-24	Modelling and simulation lab	15	5	20	5	15	20	15	5	20	50
6IT4-21	Digital Image Processing Lab	22	8	30	8	22	30	22	8	30	75
6IT4-22	Machine Learning Lab	22	8	30	8	22	30	22	8	30	75
6IT4-23	Python Lab	22	8	30	8	22	30	22	8	30	75
6IT4-24	Mobile Application Development Lab	22	8	30	8	22	30	22	8	30	75
6ME4-21	CIMS Lab	22	8	30	8	22	30	22	8	30	75
6ME4-22	Vibration Lab	22	8	30	8	22	30	22	8	30	75
6ME4-23	Machine Design Practice II	22	8	30	8	22	30	22	8	30	75
6ME4-24	Thermal Engineering Lab I	22	8	30	8	22	30	22	8	30	75
8CE4-21	Project Planning & Construction	15	5	20	5	15	20	15	5	20	50
8CE4-22	Pavement Design	15	5	20	5	15	20	15	5	20	50
8CE7-50	Project			210					140		350
8CS4-21	Big Data Analytics Lab	15	5	20	5	15	20	15	5	20	50
8CS4-22	Software Testing and Validation Lab	15	5	20	5	15	20	15	5	20	50
8CS7-50	Project			270					180		450
8EC4-21	Internet of Things (IOT) Lab	15	5	20	5	15	20	15	5	20	50
8EC4-22	Skill Development Lab	15	5	20	5	15	20	15	5	20	50
8EC7-50	Project			210					140		350
8EE4-21	Energy Systems Lab	30	10	40	10	30	40	30	10	40	100
8EE7-50	Project			210					140		350
8IT4-21	Internet of Things Lab	15	5	20	5	15	20	15	5	20	50
8IT4-22	Software Testing and Validation Lab	15	5	20	5	15	20	15	5	20	50
8IT7-50	Project			210					140		350
8ME4-21	Industrial Engineering Lab	15	5	20	5	15	20	15	5	20	50
8ME4-22	Metrology Lab	15	5	20	5	15	20	15	5	20	50
8ME7-50	Project			210					140		350

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.

9.Department Load Allocation

Department of Computer & Engineering

Load Sheet of Session 2021-22 (Even Semester)

Sr. No.	Faculty Name	Subject(s)	Subject Code	Section	L	T	P	Load Per Week	Total Load
1	Dr. Surendra Kumar Yadav	IPR, Copyright and Cyber Lawof India(Elective)	8CS6-60.2		3			3	3
2	Mr Manish Dubey	Database Management System	4CS4-05	A	3			3	12
		Database Management System Lab	4CS4-22	A			9	9	
3	Dr. Neelam Chaplot	Computer Architecture and Organization	6CS4-04	B	3			3	9
		PROJECT	8CS7-50	B			6	6	
4	Dr. Mithlesh Arya	Digital Image Processing	6CS3-01	A	2			2	8
		Digital Image Processing Lab	6CS4-21	A			6	6	
5	Ms. Neha Shrotriya	Database Management System	4CS4-05	C	3			3	9
		Database Management System Lab	4CS4-22	C			9	9	
6	Mr. Mukesh Kataria	Mobile Application Development Lab	6CS4-24	A			9	9	12
		PROJECT	8CS7-50	C			3	3	
7	Mr Vishal Choudhary	Data Communication and Computer Networks	4CS4-07	C	3			3	12
		Network Programming Lab	4CS4-23	C			9	9	
8	Mr Gaurav Sharma	Data Communication and Computer Networks	4CS4-07	A	3			3	12
		Network Programming Lab	4CS4-23	A			9	9	
9	Ms. Reena Sharma	Ecommerce and ERP (Elective-2)	6CS5-13	Batch-1	2			2	11
		Mobile Application Development Lab	6CS4-24	B			9	9	
10	Ms. Nikita Jain	Data Communication and Computer Networks	4CS4-07	B	3			3	12
		Network Programming Lab	4CS4-23	B			9	9	

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11	MS. ARCHIKA JAIN	Theory of Computation	4CS4-06	A	3			3	12
		Linux Shell ProgrC62:I62amming Lab	4CS4-24	A			6	6	
		Information Security System	6CS4-03	B	3			3	
12	Mr.Manish Choubisa	Computer Architecture and Organization	6CS4-04	A	3			3	11
		SOFTWARE TESTING AND VALIDATION LAB	8CS4-22	A			8	8	
13	Ms. Sonam Gour	Microprocessor & Interfaces	4CS3-04	A	2			2	8
		Microprocessor & Interfaces Lab	4CS4-21	A			6	6	
14	Ms Archana Soni	Database Management System	4CS4-05	B	3			3	12
		Database Management System Lab	4CS4-22	B			9	9	
15	Ms. Barkha Narang	Python Lab	6CS4-23	C			6	6	11
		Computer Architecture and Organization	6CS4-04	C	3			3	
		PROJECT	8CS7-50	B			2	2	
16	Dr Kamlesh Gautam	Microprocessor & Interfaces	4CS3-04	B	3			3	12
		Microprocessor & Interfaces Lab	4CS4-21	B			6	6	
		Machine Learning	6CS4-02	C	3			3	
17	Mr. Arvind Singh Rajpoot	Theory of Computation	4CS4-06	C	3			3	11
		Python Lab	6CS4-23	A1,A2			4	4	
		Ecommerce and ERP (Elective-2)	6CS5-13	Batch-2	2			2	
		Artificial Intelligence	6CS4-05	B	2			2	
18	Ms. UPMA KUMARI	Machine Learning	6CS4-02	A	3			3	9
		Machine Learning Lab	6CS4-22	A			6	6	

19	Dr. Geeta Gandhi	Linux Shell ProgrC62:I62amming Lab	4CS4-24	B1,B3			4	4	6
		Artificial Intelligence	6CS4-05	A	2			2	
20	Dr. Abhishek Sharma	Microprocessor & Interfaces	4CS3-04	C	3			3	9
		Microprocessor & Interfaces Lab	4CS4-21	C			6	6	
21	Mr. Puspendra Mudgal	Python Lab	6CS4-23	A3			2	2	5
		Information Security System	6CS4-03	A	3			3	
22	Mr. Vikam Khandelwal	Java Lab	4CS4-25	B			6	6	12
		Python Lab	6CS4-23	B1			2	2	
		SOFTWARE TESTING AND VALIDATION LAB	8CS4-22	B			4	4	
23	Mr. Pawan Patidar	Machine Learning Lab	6CS4-22	C			6	6	9
		Big Data Analytics(Elective)	8CS6-60.1		3			3	
24	Mr. Jay Prakash Singh	Java Lab	4CS4-25	C			6	6	8
		Distributed System (Elective-1)	6CS5-11	BATCH-3	2			2	
25	Mr. Ravi Kumar	Machine Learning	6CS4-02	B	3			3	9
		Machine Learning Lab	6CS4-22	B			6	6	
26	Mr. Sakar Gupta	Cloud Computing	6CS4-06	A	3			3	8
		PROJECT	8CS7-50	C			5	5	
27	Mr. Shirish Mohan Dubey	BIG DATA ANALYTICS	8CS4-01	B	3			3	11
		BIG DATA ANALYTICS LAB	8CS4-21	B			8	8	

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28	Dr. Shiv Agarwal	Theory of Computation	4CS4-06	B	3			3	7
		Python Lab	6CS4-23	B2, B3			4	4	
29	Mr. Nimish Arvind	Linux Shell ProgrC62:I62amming Lab	4CS4-24	B2			2	2	10
		PROJECT	8CS7-50	A			8	8	
30	Dr. Madan Lal Saini	BIG DATA ANALYTICS	8CS4-01	A	3			3	11
		BIG DATA ANALYTICS LAB	8CS4-21	A			8	8	
31	Dr. Ajay Kumar Khunteta	Cloud Computing	6CS4-06	B	3			3	12
		Mobile Application Development Lab	6CS4-24	C			9	9	
32	Dr. Sunil Gupta	Linux Shell ProgrC62:I62amming Lab	4CS4-24	C			6	6	9
		Information Security System	6CS4-03	C	3			3	
33	Mr. Suresh Vyas	Java Lab	4CS4-25	A			6	6	12
		Artificial Intelligence	6CS4-05	C	2			2	
		SOFTWARE TESTING AND VALIDATION LAB	8CS4-22	B			4	4	
34	Dr. Veena Yadav	BIG DATA ANALYTICS	8CS4-01	C	3			3	11
		BIG DATA ANALYTICS LAB	8CS4-21	C			8	8	
35	Ms. Archana Bhardwaj	Cloud Computing	6CS4-06	C	3			3	11
		SOFTWARE TESTING AND VALIDATION LAB	8CS4-22	C			8	8	
36	Dr. Gajanand Gupta	Digital Image Processing	6CS3-01	B	2			2	9
		Microprocessor & Interfaces	4CS3-04	A	1			1	
		Digital Image Processing Lab	6CS4-21	B			6	6	

37	Ms. Anu Arora	DMS	4CS3-04	A	3	3	0	6	6
38	Dr. Shilpi Jain	DMS	4CS3-04	B	3	3	0	6	12
		DMS	4CS3-04	C	3	3	0	6	
39	Mr. Prince Dawar	TC	4CS-01	A	2	0	0	2	6
		TC	4CS-01	B	2	0	0	2	
		TC	4CS-01	C	2	0	0	2	
40	Mr. Raj Kumar Jain	Digital Image Processing	6CS3-01	C	2			2	8
		Digital Image Processing Lab	6CS4-21	C			6	6	

5 Time Table

5.1 Academic Time Table

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV-A

Tutor Name: Dr. Nikita Jain
Class Location: AF-03
WEF: 27-01-2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Monday	AF-11 4CS4-21 MPI Lab A1-Batch Ms. Sonam Gour AF-02 DMS tut A1-Batch Ms. Anu Arora AG-24 4CS4-23 NP Lab A2-Batch Mr Gaurav Sharma AF-1C 4CS4-22 DBMS Lab A3-Batch Mr. Manish Dubey				**4CS3-04 MPI** Dr. Gajanand Gupta	AF-7A 4CS4-24 LSP Lab A1-Batch Ms. Archika Jain AF-1B 4CS4-25 Java Lab A2-Batch Mr. Vikram Khandelwal AF-11 4CS4-21 MPI Lab A3-Batch Ms. Sonam Gour		**NSP Guide Interaction**
Tuesday	**4CS4-06 ToC** Ms. Archika Jain	**4CS4-07 DCCN** Mr Gaurav Sharma	**4CS2-01 DMS** Ms. Anu Arora		AF-7A 4CS4-23 NP Lab A1-Batch Mr Gaurav Sharma AF-1C 4CS4-22 DBMS Lab A2-Batch Mr. Manish Dubey AF-15 DMS tut A3-Batch Ms. Anu Arora	AF-7B 4CS4-25 Java Lab A3-Batch Mr. Vikram Khandelwal		**NSP Guide Interaction**
Wednesday	AF-1D 4CS4-25 Java Lab A1-Batch Mr. Vikram Khandelwal AF-11 4CS4-21 MPI Lab A2-Batch Ms. Sonam Gour AF-8A 4CS4-24 LSP Lab A3-Batch Ms. Archika Jain		**4CS4-06 ToC** Ms. Archika Jain		**4CS4-05 DBMS** Mr. Manish Dubey	**4CS2-01 DMS** Ms. Anu Arora	**4CS1-02 TC** Mr. Prince Dawar	**NSP Guide Interaction**
Thursday	**4CS2-01 DMS** Ms. Anu Arora	**4CS4-07 DCCN** Mr Gaurav Sharma	**4CS4-05 DBMS** Mr. Manish Dubey		**4CS1-02 TC** Mr. Prince Dawar	**4CS3-04 MPI** Ms. Sonam Gour	**4CS4-06 ToC** Ms. Archika Jain	**NSP Guide Interaction**
Friday	**4CS3-04 MPI** Ms. Sonam Gour	**4CS4-05 DBMS** Mr. Manish Dubey	**4CS4-07 DCCN** Mr Gaurav Sharma		AF-1C 4CS4-22 DBMS Lab A1-Batch Mr. Manish Dubey AF-15 DMS tut A2-Batch Ms. Anu Arora AF-1A 4CS4-24 LSP Lab A2-Batch Ms. Archika Jain AG-24 4CS4-23 NP Lab A3-Batch Mr Gaurav Sharma			**NSP Guide Interaction**
Saturday	I3 ACTIVITY				I3 ACTIVITY			

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV-B

Tutor Name: Dr. Neelam Chaplot
Class Location: AF-04
WEF: 27-01-2022

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Monday	**4CS4-07 DCCN** Dr. Nikita Jain	**4CS4-06 ToC** Dr. Shiv Agarwal	**4CS4-05 DBMS** Ms Archana Soni		AF-8A 4CS4-23 NP Lab B1-Batch Dr. Nikita Jain AF-1C 4CS4-25 Java Lab B2- Batch Mr.Suresh Vyas AF-02 DMS tut B2- Batch Dr.Shilpi Jain AF-1A 4CS4-22 DBMS Lab B3-Batch Ms Archana Soni			**NSP Guide Interaction**
Tuesday	AF-7A 4CS4-24 LSP Lab B1-Batch Dr. GEETA GANDHI AF-11 4CS4-21 MPI Lab B2- Batch Dr. Kamlesh Gautam AF-7B 4CS4-25 Java Lab B3-Batch Mr.Suresh Vyas		**4CS4-07 DCCN** Dr. Nikita Jain		**4CS4-05 DBMS** Ms Archana Soni	**4CS2-01 DMS** Dr.Shilpi Jain	**4CS4-06 ToC** Dr. Shiv Agarwal	**NSP Guide Interaction**
Wednesday	**4CS2-01 DMS** Dr.Shilpi Jain	**4CS3-04 MPI** Dr. Kamlesh Gautam	**4CS1-02 TC** Mr. Prince Dawar		AF-1C 4CS4-22 DBMS Lab B1-Batch Ms Archana Soni AG-24 4CS4-23 NP Lab B2- Batch Dr. Nikita Jain AF-8A 4CS4-24 LSP Lab B3-Batch Dr. GEETA GANDHI AF-15 DMS tut B3-Batch Dr.Shilpi Jain			**NSP Guide Interaction**
Thursday	**4CS3-04 MPI** Dr. Kamlesh Gautam	**4CS1-02 TC** Mr. Prince Dawar	**4CS2-01 DMS** Dr.Shilpi Jain		AF-02 DMS tut B1-Batch Dr.Shilpi Jain AF-11 4CS4-21 MPI Lab B1-Batch Dr. Kamlesh Gautam AF-1C 4CS4-22 DBMS Lab B2- Batch Ms Archana Soni AF-7A 4CS4-23 NP Lab B3-Batch Dr. Nikita Jain			**NSP Guide Interaction**
Friday	**4CS4-05 DBMS** Ms Archana Soni	**4CS4-06 ToC** Dr. Shiv Agarwal	**4CS4-07 DCCN** Dr. Nikita Jain		AF-1D 4CS4-25 Java Lab B1-Batch Mr.Suresh Vyas AF-7A 4CS4-24 LSP Lab B2- Batch Mr. Nimish Arvind AF-11 4CS4-21 MPI Lab B3-Batch Dr. Kamlesh Gautam		**4CS3-04 MPI** Dr. Kamlesh Gautam	**NSP Guide Interaction**
Saturday	I3 ACTIVITY				I3 ACTIVITY			

Time Table Coordinators , HOD, Vice Principal, Director PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
IV-C

Tutor Name:Mr. Manish Choubisa
Class Location: CF-13
WEF:27-01-2021

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	LUNCH 11:30 - 12:10	4 12:10 - 13:10	5 13:10 - 14:10	6 14:10 - 15:10	7 15:10 - 16:00
Monday	**4CS4-05 DBMS** Ms. Neha Shrotriya	**4CS4-06 ToC** Mr. Arvind Singh Rajpoot	**4CS3-04 MPI** Dr. Abhishek Sharma		**4CS4-07 DCCN** Mr.Vishal Choudhary	**4CS4-06 ToC** Mr. Arvind Singh Rajpoot	**4CS2-01 DMS** Dr.Shilpi Jain	**NSP Guide Interaction**
Tuesday	**4CS1-02 TC** Mr. Prince Dawar	**4CS4-05 DBMS** Ms. Neha Shrotriya	**4CS2-01 DMS** Dr.Shilpi Jain		**4CS3-04 MPI** Dr. Abhishek Sharma	**4CS4-07 DCCN** Mr.Vishal Choudhary	**4CS4-06 ToC** Mr. Arvind Singh Rajpoot	**NSP Guide Interaction**
Wednesday	AF-1C 4CS4-22 DBMS Lab C1-Batch Ms. Neha Shrotriya AF-1B 4CS4-23 NP Lab C2-Batch Mr.Vishal Choudhary AF-7A 4CS4-24 LSP Lab C3-Batch Dr. Sunil Gupta		AF-14 **DMS tut** C3-Batch Dr.Shilpi Jain		**4CS1-02 TC** Mr. Prince Dawar	AF-11 4CS4-21 MPI Lab C1-Batch Dr. Abhishek Sharma AF-7A 4CS4-24 LSP Lab C2-Batch Dr. Sunil Gupta AF-7B 4CS4-25 Java Lab C3-Batch Mr Jay Prakash Singh		**NSP Guide Interaction**
Thursday	AF-1C 4CS4-23 NP Lab C1-Batch Mr.Vishal Choudhary AF-11 4CS4-21 MPI Lab C2-Batch Dr. Abhishek Sharma	AF-15 **DMS tut** C2-Batch Dr.Shilpi Jain			**4CS3-04 MPI** Dr. Abhishek Sharma	**4CS4-07 DCCN** Mr.Vishal Choudhary	**4CS2-01 DMS** Dr.Shilpi Jain	**NSP Guide Interaction**
Friday	AF-1A 4CS4-22 DBMS Lab C3-Batch Ms. Neha Shrotriya AF-1A 4CS4-24 LSP Lab C1-Batch Dr. Sunil Gupta AF-8A 4CS4-25 Java Lab C2-Batch Mr Jay Prakash Singh AF-11 4CS4-21 MPI Lab C3-Batch Dr. Abhishek Sharma	**4CS4-05 DBMS** Ms. Neha Shrotriya			AF-7B 4CS4-25 Java Lab C1-Batch Mr Jay Prakash Singh AF-8B 4CS4-22 DBMS Lab C2-Batch Ms. Neha Shrotriya AF-8A 4CS4-23 NP Lab C3-Batch Mr.Vishal Choudhary	AF-02 **DMS tut** C1-Batch Dr.Shilpi Jain		**NSP Guide Interaction**
Saturday	I3 ACTIVITY				I3 ACTIVITY			

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VI-A

Tutor Name:Ms.Reena Sharma
Class Location: CF-03
WEF: 20.01.2022

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:40	4 11:40 - 12:40	5 12:40 - 13:40	6 13:40 - 14:40	7 14:40 - 16:00
Monday	**6CS4-02 ML** Ms. Upma Kumari	**6CS4-03 ISS** Mr. Pushpendra Mudgal	**6CS4-05 AI** Dr. Geeta Gandhi		**6CS3-01 DIP** Dr.Mithlesh Arya	**6CS4-06 CC** Mr. Sakar Gupta	**Elective-E-Comm batch 1** Ms.Reena Sharma	**NSP & Extra CC Activity**
Tuesday	AF-1C 6CS4-22 ML Lab A1-Batch Ms. Upma Kumari AF-1D 6CS4-23 Python Lab A2-Batch Mr. Arvind Singh Rajpoot AF-8B 6CS4-24 MAD Lab A3-Batch Mr. Mukesh Kataria				**6CS4-04 CAO** Mr. Manish Choubisa	**6CS4-06 CC** Mr. Sakar Gupta	**6CS4-03 ISS** Mr. Pushpendra Mudgal	**NSP & Extra CC Activity**
Wednesday	**6CS4-06 CC** Mr. Sakar Gupta	**6CS4-03 ISS** Mr. Pushpendra Mudgal	**6CS4-02 ML** Ms. Upma Kumari		**6CS4-05 AI** Dr. Geeta Gandhi	**6CS4-04 CAO** Mr. Manish Choubisa	**6CS3-01 DIP** Dr.Mithlesh Arya	**NSP & Extra CC Activity**
Thursday	AF-1B 6CS4-24 MAD Lab A1-Batch Mr. Mukesh Kataria AF-1D 6CS4-21 DIP Lab A2-Batch Dr.Mithlesh Arya AF-7A 6CS4-23 Python Lab A3-Batch Mr. Pushpendra Mudgal				AF-1A 6CS4-23 Python Lab A1-Batch Mr. Arvind Singh Rajpoot AF-1B 6CS4-22 ML Lab A2-Batch Ms. Upma Kumari AF-1D 6CS4-21 DIP Lab A3-Batch Dr.Mithlesh Arya			**NSP & Extra CC Activity**
Friday	AG-24 6CS4-21 DIP Lab A1-Batch Dr.Mithlesh Arya AF-1 6CS4-24 MAD Lab A2-Batch Mr. Mukesh Kataria AF-1C 6CS4-22 ML Lab A3-Batch Ms. Upma Kumari				**6CS4-02 ML** Ms. Upma Kumari	**6CS4-04 CAO** Mr. Manish Choubisa	**Elective-E-Comm batch 1** Ms.Reena Sharma	**NSP & Extra CC Activity**
Saturday	I3 ACTIVITY				I3 ACTIVITY			

Time Table Coordinators , HOD, Vice Principal, Director PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VI-B

Tutor Name:Dr. Geeta Gandhi
Class Location: CF-04
WEF: 20.01.2022

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:40	4 11:40 - 12:40	5 12:40 - 13:40	6 13:40 - 14:40	7 14:40 - 16:00
Monday	AF-1B 6CS4-24 MAD Lab B1-Batch Ms.Reena Sharma AF-8B 6CS4-22 ML Lab B2-Batch Mr. Ravi Kumar AF-1D 6CS4-21 DIP Lab B3-Batch Dr. Gajanand Gupta				**6CS4-02 ML** Mr. Ravi Kumar	**6CS4-05 AI** Mr. Arvind Singh Rajpoot	**Elective-DS** Mr. Jay Prakash Singh	**NSP & Extra CC Activity**
Tuesday	**6CS4-04 CAO** Dr. Neelam Chaplot	**6CS4-03 ISS** Ms. Archika Jain	**6CS3-01 DIP** Dr. Gajanand Gupta		AF-8B 6CS4-22 ML Lab B1-Batch Mr. Ravi Kumar AG-24 6CS4-21 DIP Lab B2-Batch Dr. Gajanand Gupta AF-1D 6CS4-24 MAD Lab B3-Batch Ms.Reena Sharma			**NSP & Extra CC Activity**
Wednesday	**6CS3-01 DIP** Dr. Gajanand Gupta	**6CS4-02 ML** Mr. Ravi Kumar	**6CS4-06 CC** Ms. Archana Bhardwaj	LUNCH	**6CS4-06 CC** Ms. Archana Bhardwaj	**6CS4-04 CAO** Dr. Neelam Chaplot	**6CS4-03 ISS** Ms. Archika Jain	**NSP & Extra CC Activity**
Thursday	**6CS4-06 CC** Ms. Archana Bhardwaj	**6CS4-03 ISS** Ms. Archika Jain	**6CS4-02 ML** Mr. Ravi Kumar		AF-8A 6CS4-23 Python Lab B1-Batch Mr. Vikram Khandelwal AF-7B 6CS4-23 Python Lab B2-Batch Dr. Shiv Agarwal AF-8B 6CS4-22 ML Lab B3-Batch Mr. Ravi Kumar			**NSP & Extra CC Activity**
Friday	AF-1D 6CS4-21 DIP Lab B1-Batch Dr. Gajanand Gupta AF-8B 6CS4-24 MAD Lab B2-Batch Ms.Reena Sharma AF-7B 6CS4-23 Python Lab B3-Batch Dr. Shiv Agarwal				**6CS4-05 AI** Mr. Arvind Singh Rajpoot	**6CS4-04 CAO** Dr. Neelam Chaplot	**Elective-DS** Mr. Jay Prakash Singh	**NSP & Extra CC Activity**
Saturday	I3 ACTIVITY				I3 ACTIVITY			

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VI-C

Tutor Name:Ms.Neha Shrotriya
Class Location: CF-03
WEF: 20.01.2022

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:40	4 11:40 - 12:40	5 12:40 - 13:40	6 13:40 - 14:40	7 14:40 - 16:00
Monday	**6CS4-04 CAO** CF-04 Barkha Narang	**6CS4-02 ML** CF-04 Dr Kamlesh Gautam	**6CS4-03 ISS** CF-04 Dr. Sunil Gupta		**6CS4-06 CC** CF-03 Dr. Ajay Kumar Knunteta	**6CS4-03 ISS** AF-04 Dr. Sunil Gupta	**Elective-E-Comm batch 2** AF-04 Arvind Singh Rajpoot	**NSP & Extra CC Activity**
Tuesday	AF-8A 6CS4-23 Python Lab C1-Batch Barkha Narang AF-1A 6CS4-22 ML Lab C2-Batch Mr. Pawan Patidar AG-24 6CS4-21 DIP Lab C3-Batch Mr. Raj Kumar Jain				**6CS4-05 AI** CF-04 Ms. Suresh Vyas	**6CS4-06 CC** CF-03 Dr. Ajay Kumar Knunteta	**6CS4-03 ISS** CF-04 Dr. Sunil Gupta	**NSP & Extra CC Activity**
Wednesday	AF-1A 6CS4-22 ML Lab C1-Batch Mr. Pawan Patidar AF-8B 6CS4-24 MAD Lab C2-Batch Dr. Ajay Kumar Khunteta AG-24 6CS4-23 Python Lab C3-Batch Barkha Narang			LUNCH	AF-1B 6CS4-24 MAD Lab C1-Batch Dr. Ajay Kumar Khunteta AF-1D 6CS4-21 DIP Lab C2-Batch Mr. Raj Kumar Jain AF-1A 6CS4-22 ML Lab C3-Batch Mr. Pawan Patidar			**NSP & Extra CC Activity**
Thursday	AG-24 6CS4-21 DIP Lab C1-Batch Mr. Raj Kumar Jain AF-7B 6CS4-23 Python Lab C2-Batch Barkha Narang AF-8B 6CS4-24 MAD Lab C3-Batch Dr. Ajay Kumar Khunteta				**6CS3-01 DIP** CF-13 Mr. Raj Kumar Jain	**6CS4-02 ML** CF-03 Dr Kamlesh Gautam	**6CS4-04 CAO** CF-03 Barkha Narang	**NSP & Extra CC Activity**
Friday	**6CS4-06 CC** CF-03 Dr. Ajay Kumar Knunteta	**6CS4-04 CAO** CF-03 Barkha Narang	**6CS4-05 AI** CF-03 Ms. Suresh Vyas		**6CS3-01 DIP** CF-13 Mr. Raj Kumar Jain	**6CS4-02 ML** CF-13 Dr Kamlesh Gautam	**Elective-E-Comm batch 2** CF-13 Arvind Singh Rajpoot	**NSP & Extra CC Activity**
Saturday	I3 ACTIVITY				I3 ACTIVITY			

Time Table Coordinators , HOD, Vice Principal, Director PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VIII-A

Class Location: AF-02
WEF: 20.01.2022
Tutor Name: Mr. Gaurav Sharma

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:40	4 11:40 - 12:40	5 12:40 - 13:40	6 13:40 - 14:40	7 14:40 - 16:00
Monday	**OE Batch-1**	A1-Batch **8CS4-22 STV Lab** AF-7B Mr. Manish Choubisa A2-Batch **8CS4-21 BDA Lab** AF-8A Mr. Madan Lal Saini		LUNCH	A1-Batch **8CS4-21 BDA Lab** AF-8B Mr. Madan Lal Saini A2-Batch **8CS7-50 Project** AF-1B Nimish Arvind	A1-Batch **8CS7-50 Project** AG-24 Nimish Arvind A2-Batch **8CS4-22 STV Lab** AF-8B Mr. Manish Choubisa	A1-Batch **8CS7-50 Project** AF-7B Nimish Arvind A2-Batch **8CS4-22 STV Lab** AF-1D Mr. Manish Choubisa	
Tuesday	**OE Batch-1**	**8CS4-01 BDA** Mr. Madan Lal Saini	A1-Batch **8CS4-22 STV Lab** AF-1B Mr. Manish Choubisa A2-Batch **8CS7-50 Project** AF-7A Mr. Nimish Arvind		A1-Batch **8CS4-21 BDA Lab** AF-7B Mr. Madan Lal Saini A2-Batch **8CS7-50 Project** AF-8A Mr. Nimish Arvind	A1-Batch **8CS7-50 Project** AF-8A Nimish Arvind A2-Batch **8CS4-21 BDA Lab** AF-1B Mr. Madan Lal Saini	A1-Batch **8CS7-50 Project** Nimish Arvind A2-Batch **8CS4-21 BDA Lab** AF-8A Mr. Madan Lal Saini	
Wednesday	**OE Batch-1**	**8CS4-01 BDA** Mr. Madan Lal Saini	A1-Batch **8CS4-22 STV Lab** AF-7B Mr. Manish Choubisa A2-Batch **8CS7-50 Project** AF-7A Mr. Nimish Arvind		A1-Batch **8CS4-21 BDA Lab** AF-7A Mr. Madan Lal Saini A2-Batch **8CS4-22 STV Lab** AF-8B Mr. Manish Choubisa	**8CS4-01 BDA** Mr. Madan Lal Saini	A1-Batch **8CS4-21 BDA Lab** AF-8A Mr. Madan Lal Saini A2-Batch **8CS4-22 STV Lab** AF-8B Mr. Manish Choubisa	
Thursday								
Friday								
Saturday								

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VIII-B

Class Location: AF-14
WEF: 20.01.2022
Tutor Name: Mr. Vikram Khandelwal

	1 8:00 - 9:00	2 9:00- 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:40	4 11:40 - 12:40	5 12:40 - 13:40	6 13:40 - 14:40	7 14:40 - 16:00
Monday	**OE Batch-2**	B1- Batch **8CS4-21 BDA Lab** AF-1A Mr. Shirish Mohan Dubey B2- Batch **8CS4-21 BDA Lab** AF-7A Mr. Shirish Mohan Dubey	B1- Batch **8CS4-22 STV Lab** AF-1A Mr. Vikam Khandelwal B2- Batch **8CS4-22 STV Lab** AF-7A Mr. Vikam Khandelwal	LUNCH	B1- Batch **8CS7-50 Project** AF-7B Ms. Barkha Narang B2- Batch **8CS4-22 STV Lab** AF-7A Mr. Suresh Vyas	B1- Batch **8CS4-21 BDA Lab** AF-7B Mr. Shirish Mohan Dubey B2- Batch **8CS4-21 BDA Lab** AF-1D Mr. Shirish Mohan Dubey	B1- Batch **8CS4-22 STV Lab** AG-24 Mr. Suresh Vyas B2- Batch **8CS7-50 Project** AF-1C Dr. NEELAM CHAPLOT	
Tuesday	**OE Batch-2**	**8CS4-01 BDA** Mr. Shirish Mohan Dubey	**8CS4-01 BDA** Mr. Shirish Mohan Dubey		B1- Batch **8CS4-21 BDA Lab** AF-1A Mr. Shirish Mohan Dubey B2- Batch **8CS4-22 STV Lab** AF-1B Mr. Vikam Khandelwal	**8CS4-22 STVLab** AF-1A B2- Batch **8CS7-50 Project** Dr. NEELAM CHAPLOT	B1- Batch Mr. Suresh Vyas B2- Batch **8CS4-21 BDA Lab** AF-1B Mr. Shirish Mohan Dubey	
Wednesday	**OE Batch-2**	B1- Batch **8CS7-50 Project** Ms. Barkha Narang B2- Batch **8CS7-50 Project** AF-7B Dr. NEELAM CHAPLOT	B1- Batch **8CS7-50 Project** AF-1D Dr. NEELAM CHAPLOT B2- Batch **8CS4-21 BDA Lab** AF-8A Mr. Shirish Mohan Dubey		B1- Batch **8CS4-21 BDA Lab** AF-7B Mr. Shirish Mohan Dubey B2- Batch **8CS7-50 Project** Dr. NEELAM CHAPLOT	B1- Batch **8CS7-50 Project** Dr. NEELAM CHAPLOT B2- Batch **8CS4-22 STV Lab** AF-8B Mr. Vikam Khandelwal	**8CS4-01 BDA** Mr. Shirish Mohan Dubey	
Thursday								
Friday								
Saturday								

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VIII-C

Class Location: AF-14
WEF: 20.01.2022
Tutor Name: Ms. Archana Bhardwaj

	1 8:00 - 9:00	2 9:00- 10:00	3 10:00 - 11:00	LUNCH 11:40 - 11:40	4 11:40 - 12:40	5 12:40 - 13:40	6 13:40 - 14:40	7 14:40 - 16:00
Monday	**OE Batch-3**	C1- Batch **8CS4-21 BDA Lab** AF-1A Dr. VEENA YADAV C2- Batch **8CS4-21 BDA Lab** AF-7A Dr. VEENA YADAV	C1- Batch **8CS4-22 STV Lab** AF-1A MS. ARCHANA BHARDWAJ C2- Batch **8CS4-22 STV Lab** AF-7A MS. ARCHANA BHARDWAJ	LUNCH	C1- Batch **8CS7-50 Project** AF-7B MR. MUKESH KATARIA C2- Batch **8CS4-22 STV Lab** AF-7A MS. ARCHANA BHARDWAJ	C1- Batch **8CS4-21 BDA Lab** AF-7B Dr. VEENA YADAV C2- Batch **8CS4-21 BDA Lab** AF-1D Dr. VEENA YADAV	C1- Batch **8CS4-22 STV Lab** AG-24 MS. ARCHANA BHARDWAJ C2- Batch **8CS7-50 Project** AF-1C Mr. Sakar Gupta	
Tuesday	**OE Batch-3**	**8CS4-01 BDA** Mr. Sakar Gupta	**8CS4-01 BDA** Dr. VEENA YADAV		C1- Batch **8CS4-21 BDA Lab** AF-1A Dr. VEENA YADAV C2- Batch **8CS4-22 STV Lab** AF-1B MS. ARCHANA BHARDWAJ	C1- Batch **8CS4-22 STVLab** AF-1A MS. ARCHANA BHARDWAJ C2- Batch **8CS7-50 Project** MR. MUKESH KATARIA	C1- Batch C2- Batch **8CS4-21 BDA Lab** AF-1B Dr. VEENA YADAV	
Wednesday	**OE Batch-3**	C1- Batch **8CS7-50 Project** Mr. Sakar Gupta C2- Batch **8CS7-50 Project** AF-7B Mr. Sakar Gupta	C1- Batch **8CS7-50 Project** AF-1D Mr. Sakar Gupta C2- Batch **8CS4-21 BDA Lab** AF-8A Dr. VEENA YADAV		C1- Batch **8CS4-21 BDA Lab** AF-7B Dr. VEENA YADAV C2- Batch **8CS7-50 Project** MR. MUKESH KATARIA	C1- Batch **8CS7-50 Project** MR. MUKESH KATARIA C2- Batch **8CS4-22 STV Lab** AF-8B MS. ARCHANA BHARDWAJ	**8CS4-01 BDA** Dr. VEENA YADAV	
Thursday								
Friday								
Saturday								

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6 Course Outcome Attainment Process:

6.1 Course Outcome Attainment Process

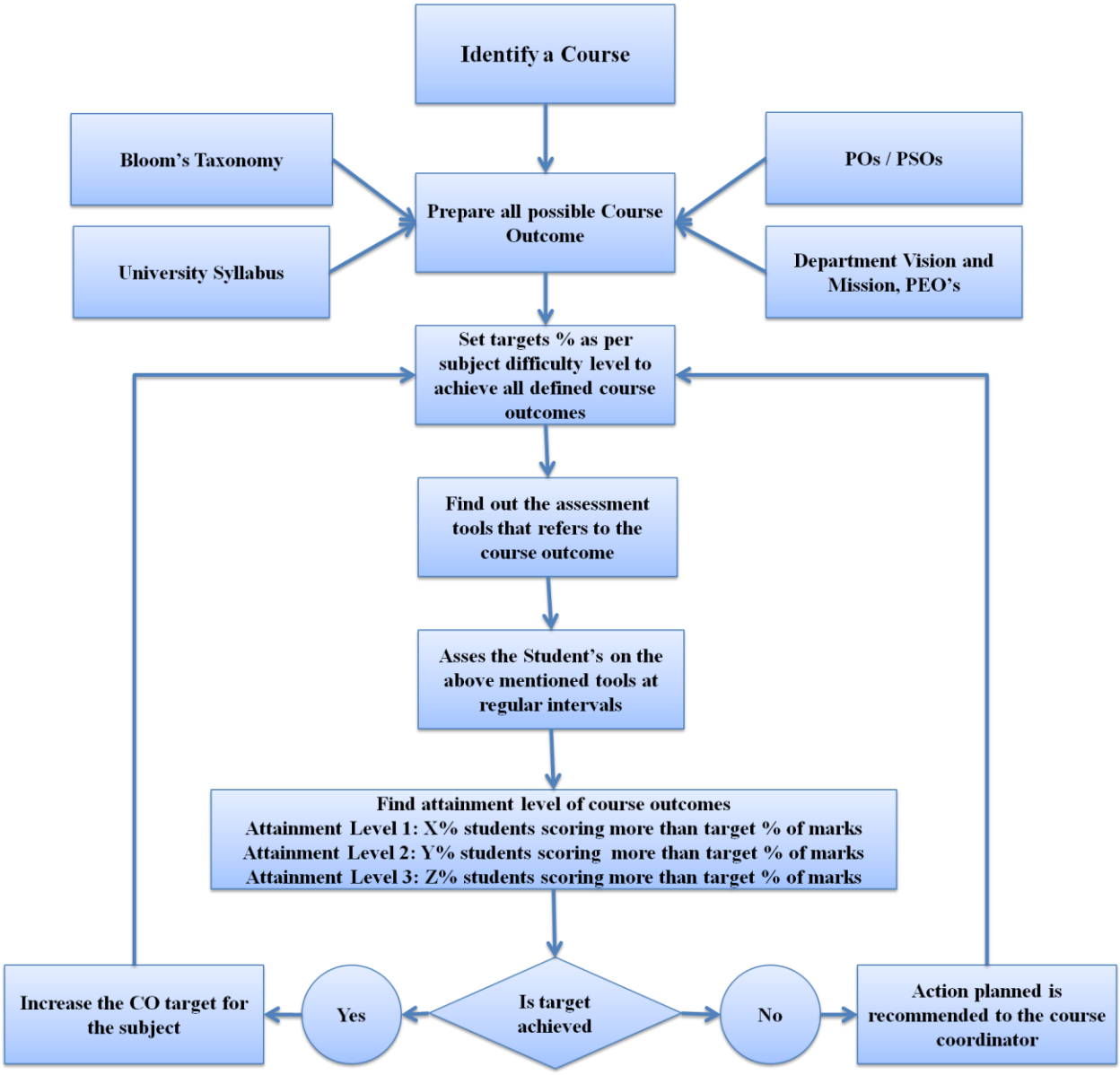


Figure. Course Outcome Attainment Process

9. List of CO & CO mapping with PO

Department of Computer Engineering

CO-PO Mapping (Session 2021-22)

S.No.	Course Code & Name	CO No.	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
				2	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.75**	**2**	**-**
		CO5	Students will be able to communicate effectively and work as a team member professionally in a ethical manner.	-	-	-	-	-	-	-	2	2	2	-	-	-	-	-
				2.5	**2.5**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**2**	**-**	**-**	**-**	**2**	**2**
1	**Discrete Mathematics Structure (4CS2-01)**	CO 1	To Define mathematically about the fundamental data types and structures used in computer algorithms and systems.	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**1**	**-**
		CO 2	To Classify algebraic techniques to basic discrete structures and algorithms.	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**1**	**-**
		CO 3	To Apply mathematical logic in making computer programs, computer circuits, concluding experiments, digital electronics, etc.	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**1**	**-**
		CO 4	To Analyze a variety of graphs and the viability of different approaches to the Model problems in Computer Science.	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**1**	**-**
				-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				2	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.5**	**1**	**-**
2	**Technical Communication (4CS1-02)**	CO 1	Understanding the characteristics of technical writing and the importance of purpose, audience, and genre for written communication in technical fields.	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**3**	**3**	**-**	**3**	**-**	**-**	**-**
		CO 2	Planning, drafting, revising, editing, and critiquing technical and professional documents through individual and collaborative writing.	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**2**	**3**	**-**	**3**	**-**	**-**	**-**
		CO 3	Create clear, concise technical documents that effectively use grammar and information structure in ways that create meaning with the reader.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**3**	**-**	**3**	**-**	**-**	**-**
		CO 4	Researching, analyzing, synthesizing, and applying information to create technical reports.	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**3**	**3**	**-**	**3**	**-**	**-**	**-**
				-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		**-**	**-**	**-**
				-	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**2.5**	**3**	**-**		**-**		**-**

3	**Microprocessor & Interfaces (4CS3-04)**	CO 1	To Examine the architecture of 8085 microprocessor , Memory and its type.	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 2	To Analyze interfacing applications using microprocessor and peripherals.	-	**3**	-	-	-	-	-	-	-	-	-	-	-	**2**	-
		CO 3	To Design Assembly Language Programs by using instructions of 8085.	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 4	To Investigate the connection of the microprocessor with the peripheral devices.	-	-	-	**2**	-	-	-	-	-	-	-	-	**2**	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**3**	**2**	**2**	-	-	-	-	-	-	-	-	**2**	**2**	-
4	**Database Management System (4CS4-05)**	CO 1	To apply relation algebra and SQL on Complex Problems.	**3**	-	-	-	-	-	-	-	-	-	-	-	**2**	**3**	-
		CO 2	To analyse database management system concepts to convert raw data into relation database schema.	-	**2**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 3	To Design effective databseScehma using refinement and Normalization technique	-	-	**3**	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 4	To Judge Reason of Database filler and best recovery mechanism.	-	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	**2**	**3**	**2**	-	-	-	-	-	-	-	-	**2**	**2.5**	-
5	**Theory of Computation (4CS4-06)**	CO 1	To apply the theoretical knowledge of computation and basic concepts of computation like CFG, PDA etc..	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 2	To analyze regular expressions and use Sets and Grammars in finite automata.	-	**2**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 3	To design the solutions using context free grammar, pushdown automata and turing machine problems.	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**2**	-
		CO 4	To investigate the concepts of Computation in Compiler Construction , Tractable &Untractable problems.	-	-	-	**2**	-	-	-	-	-	-	-	-	-	-	**3**
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**2**	-	-	-	-	-	-	-	-	**2**	**2**	**3**
6	**Data Communication and Computer Networks (4CS4-07)**	CO 1	To Demostrate communication models Such as TCP/IP, OSI	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 2	To analyse the Error control protocols such as CSMA, ALOHA.	-	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-
		CO 3	To Design the network Layer routing protocols such as dijkstra's, bellman ford Algorithm.	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**3**	-
		CO 4	To integrate the transport layer protocols in TCP/UDP .	-	-	-	**2**	-	-	-	-	-	-	-	-	-	-	**2**
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**2**	-	-	-	-	-	-	-	-	**2**	**2.5**	**2**

7	**Microprocessor & Interfaces Lab (4CS4-21)**	LO1	To demonstrate the basic concept of Assembly programming tools for 8085 Microprocessor	-	-	-	-	-	-	-	-	-	-	-	**2**	**3**	-	-
		LO2	Apply the Programming concept in Assembly Language Programming to Interfacing.	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO3	Analyzing strengths and limitations of Assembly language Programming for the real world problem.	-	**3**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO4	Able to apply different looping techniques and delay minimization in the program.	-	-	**3**	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO5	Debug the program and correct it.	-	-	-	**2**	-	-	-	-	-	-	-	-	**3**	-	-
				2	**3**	**3**	**2**	-	-	-	-	-	-	-	**2**	**2.4**	-	-
8	**Database Management System Lab (4CS4-22)**	LO1	Select appropriate technique to design database and schemas for a given application using DDL/DML SQL commands	-	-	**2**	-	**2**	-	-	-	-	-	-	-	**1**	**2**	-
		LO2	Apply the concept of Integrity Rules and Constraints to ensure accurate and error free data	**3**	-	-	-	-	-	-	-	-	-	-	-	-	**2**	-
		LO3	Identify solutions for database update using pre store Procedures and Triggers	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO4	Compare the constraints primary key and foreign key between primary table and secondary table	-	**2**	-	-	-	-	-	-	-	-	-	-	-	**1**	-
		LO5	Construct Views to simplify and reduce complexity of database schema	-	-	**3**	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO6	Decision to users with different types of privileges and check users existence in database	-	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	-
		LO7	Assemble records from multiple tables in database through Inner joins and Outer joins	-	-	**3**	-	-	-	-	-	-	-	-	-	**1**	**1**	-
				3	**2**	**2.5**	**2**	**2**	-	-	-	-	-	-	-	**1.5**	**1.6**	-
9	**Network Programming Lab (4CS4-23)**	LO1	Defines the basic principles of computer networks. Understand the key topologies that support the Internet.	**2**	-	-	-	-	-	-	-	-	-	-	-	**3**	-	-
		LO2	Demonstrate the installation and configuration of network.	-	-	**2**	-	-	-	-	-	-	-	-	-	-	**2**	-
		LO3	Evaluate errors using a variety of error correction techniques.	-	-	-	**3**	-	-	-	-	-	-	-	-	-	**2**	**2**
		LO4	Apply a network routing algorithm, evaluate the process, and implement a simple routing network.	-	-	-	-	**2**	-	-	-	-	-	-	-	-	**3**	**3**
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	-	**2**	**3**	**2**	-	-	-	-	-	-	-	**3**	**2.333**	**2.5**
10	**Linux Shell Programming Lab (4CS4-24)**	LO1	To Apply basic commands of Linux and commands related to inode, I/O redirection and piping, process control and mails.	-	-	-	-	**2**	-	-	-	-	-	-	-	**2**	-	**1**
		LO2	To analyze variety of problems of shell script using looping, case structures in the script programming.	-	-	-	-	-	**2**	-	-	-	-	-	-	**2**	-	**1**

		LO3	To implement the logical problems using the shell script programming.	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-
		LO4	To enforce the pattens problems using shell scripts.	-	-	-	-	-	-	-	2	-	-	-	-	2	-	-
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	2	2	2	2	-	-	-	-	2	-	1
11	Java Lab (4CS4-25)	LO1	to apply the basic concepts of java.	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		LO2	to develop the problems of file handling, multithreading and applets.	-	-	-	-	3	-	-	-	-	-	-	-	-	-	3
		LO3	to design a project in a team.	-	-	-	-	-	-	-	-	3	-	-	-	-	3	-
		LO4	to analyze the various complex and real time problems.	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	-	-	-	3	-	-	-	3	-	-	3	3	3	3
12	Digital Image Processing (6CS3-01)	CO 1	To Demonstrate the fundamental elements of image and basic steps of digital Image Processing.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 2	To Analze the transformation function types in spatial and frequency domain for the enhancement of image.	-	3	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 3	To Design restoration and degradation models to remove noise in an image.	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-
		CO 4	To Investigate compression and segmentation techniques for the images.	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	3	2	2	-	-	-	-	-	-	-	-	2	-	-
13	Machine Learning (6CS4-02)	CO 1	To demonstrate the Statstical, Reinforcement, Supervised, Unsupervised and recommender Techniques.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 2	To analyse classification and Prediction algorithms such as KNN, Naïve Bayes, SVM etc.	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
		CO 3	To compose the solution for real world problem using Machine Learning algorithms.	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2
		CO 4	To Evaluate Machine Learning algorithms and Model Selection.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	2	3	2	-	-	-	-	-	-	-	-	2	2	2
14	Information Security System (6CS4-03)	CO 1	To Apply the computer security mechanism, cryptographic algorithm and network protocols to achive Integrity, Authentication, confidentiality.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 2	To Analyze the encryption and decryption algorithm such as RSA, DES for securing the information.	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
		CO 3	To Design the authentication and security protocols for protecting data on network SHA-1, MD5	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
		CO 4	To synthesize vulnerability assessments and digital certificates algorithms for real world	-	-	-	3	-	-	-	-	-	-	-	-	-	-	2

			problems															
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**2**	**3**	-	-	-	-	-	-	-	-	**2**	**2**	**2**
15	**Computer Architecture and Organization (6CS4-04)**	CO 1	To Apply the concept of memory hierarchy in the CPU Organisation.	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 2	To Analyse the instruction sets of assembly language in micro-programmed control devices.	-	**2**	-	-	-	-	-	-	-	-	-	-	**3**	-	-
		CO 3	To Design logical and arithmetic operation for floating and fixed point numbers.	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**2**	-
		CO 4	To Evaluate the architecture of basic computer system and their organization functionality.	-	-	-	**3**	-	-	-	-	-	-	-	-	**2**	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**3**	-	-	-	-	-	-	-	-	**2.333**	**2**	-
16	**Artificial Intelligence (6CS4-05)**	CO 1	Apply basic principles of AI in solutions that require problem solving, inference, perception, knowledge representation and learning.	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 2	Analyze the issues involved in knowledge bases, reasoning systems and planning.	-	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-
		CO 3	Design AI functions and components involved in intelligent systems such as computer games, expert systems, information retrieval, machine translation.	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**2**	-
		CO 4	Synthesize the AI based Solutions for real time problems.	-	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**3**
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**3**	-	-	-	-	-	-	-	-	**2**	**2**	**3**
17	**Cloud Computing (6CS4-06)**	CO 1	To apply cloud fundamentals in cloud computing architecture	**3**	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 2	To analyze various cloud service models, cloud architecture, Parallel and distributed programming paradigms.	-	**3**	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 3	To design the virtualization techniques regarding processor, memory, operating system, network virtualization.	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	**2**	-
		CO 4	To specify the basic threats, security mechanism, imporatnce of SLA's in cloud and cloud services platforms for business and industry prespectives.	-	-	-	**2**	-	-	-	-	-	-	-	-	**2**	-	**2**
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	**3**	**2**	**2**	-	-	-	-	-	-	-	-	**2**	**2**	**2**
18	**Distributed System (6CS5-11)**	CO 1	to generalize the basic elements and design issues in distributed systems.	**3**	-	-	-	-	-	-	-	-	-	-	-	**3**	-	-
		CO 2	to analyze the concurrent processes and inter process communication in DS.	-	**2**	-	-	-	-	-	-	-	-	-	-	-	**2**	-

		CO 3	to design the RPC and file systems in distributed systems.	-	-	**2**	-	-	-	-	-	-	-	-	-	**2**	-	-
		CO 4	to evaluate distributed process scheduling and distributed file systems and apply them through case studies.	-	-	-	**2**	-	-	-	-	-	-	-	-	**2**	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	**2**	**2**	**2**	-	-	-	-	-	-	-	-	**2.333**	**2**	-
19	**Ecommerce and ERP (6CS5-13)**	CO 1	To Apply online publishing techniques in digital marketing	**2**	-	-	-	-	-	-	-	-	-	-	-	**3**	-	-
		CO 2	To Compare E- Business models in web based applications for businesses.	-	**2**	-	-	-	-	-	-	-	-	-	-	**3**	-	-
		CO 3	To Design an Ecommerce website and deploy it over the internet.	-	-	**3**	-	-	-	-	-	-	-	-	-	**3**	-	-
		CO 4	To discriminate XML and HTML for creating interactive pages for Web, e-business, and portable applications.	-	-	-	**2**	-	-	-	-	-	-	-	-	**3**	**3**	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	**2**	**3**	**2**	-	-	-	-	-	-	-	-	**3**	**3**	-
20	**Digital Image Processing Lab (6CS4-21)**	LO1	To demostrate the basic concept of Matlab programming tools for Digital Image processing	-	-	-	-	**3**	-	-	-	-	-	-	**3**	**2**	-	-
		LO2	To plot and compare various image enhancement operations.	-	-	**3**	-	-	-	-	-	-	-	-	-		**2**	-
		LO3	To apply linear and non-linear filters on image and transform techniques on images.	-	-	-	**3**	-	-	-	-	-	-	-	-		**2**	-
		LO4	To perform morphological operations on images for segmentation.	-	**3**	-	-	-	-	-	-	-	-	-	-		-	**2**
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	**3**	**3**	**3**	**3**	-	-	-	-	-	-	**3**	**2**	**2**	**2**
21	**Machine Learning Lab (6CS4-22)**	LO1	To choose basic python Libraries and commands used in Machine Learning	-	-	-	-	**3**	-	-	-	-	-	-	-	**3**	-	-
		LO2	To apply knowledge of machine learning algorithms for problem statements provided	-	-	**3**	-	-	-	-	-	-	-	-	-	**3**	-	**3**
		LO3	to analyze various Supervised and Unsupervised Machine Learning algorithms	-	-	-	**3**	-	-	-	-	-	-	-	-	**3**	**3**	-
		LO4	To Evaluate Machine Learning Algorithms for real world problems	-	-	-	-	-	-	**3**	-	-	-	-	-	**3**	-	**3**
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	**3**	**3**	**3**	-	**3**	-	-	-	-	-	**3**	**3**	**3**
22	**Python Lab (6CS4-23)**	LO1	Identify the basic datatypes and variables .	**2**	-	-	-	-	-	-	-	-	-	-	-	**3**	-	-
		LO2	Ability to analyze the importance of conditional statement & Looping Structure.	-	**3**	-	-	-	-	-	-	-	-	-	-	**3**	**3**	-
		LO3	Determine the list and tuples in container data types.	-	-	**3**	-	-	-	-	-	-	-	-	-	-	-	**2**
		LO4	Able to Implement String ,Character Arrays and Fuction Programming concept in python.	-	-	-	**3**	-	-	-	-	-	-	-	-	-	-	**3**
		LO5	Develop the ability to analyse data structure applications in Python programming.	-	-	-	-	**2**	-	-	-	-	-	-	-	-	**3**	**3**

				2	**3**	**3**	**3**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**3**	**2.667**
23	**Mobile Application Development Lab (6CS4-24)**	LO1	Discuss the components and different Layout for mobile application development framework for android	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
		LO2	Apply essential Android Programming concepts.	**-**	**2**	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**2**
		LO3	Analyze various Android applications related to layouts & rich uses interactive interfaces.	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**
		LO4	Develop Android applications related to mobile related server-less database like SQLITE.	**-**	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**-**
		LO5		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				2	**2**	**2**	**2**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**	**2**	**2**
24	**Big Data Analytics (8CS4-01)**	CO 1	To apply the fundamentals of Big Data analytics in Hadoop	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
		CO 2	To analyze the input-output methods like writeable interface and serilization in Hadoop platform.	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**3**
		CO 3	To design the Map Reduce programming models of big data analytics.	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**2**	**-**
		CO 4	To evaluate of Pig and Hive architecture and their progaramming model such as HQL, Pig script.	**-**	**-**	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
				-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				2	**2**	**2**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**2**	**3**
25	**IPR, Copyright and Cyber Law of India (Open Elective-II)(8CS6-602)**	CO 1	To classify the concept of cybercrime offence in cyber space and Intellectual Property Rights in terms of copyright, patent and trademark.	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**
		CO 2	To analyse the administrator & conventions of Intellectual Property Rights with special reference to India and abroad.	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**
		CO 3	To generalize intellectual property laws including the copyright law, patents law, designs and trademark law with appropriate consideration for the societal & environment.	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**
		CO 4	To conclude the Jurisdiction Issues in Cyber Space and intellectual property for conventions in India, United Kingdom and United State of America.	**-**	**-**	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**
				-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				3	**2**	**2**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**
26	**Big Data Analytics (Open Elective-II) (8CS6-60.1)**	CO 1	To apply the fundamentals of Big Data analytics in Hadoop	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
		CO 2	To analyze the input-output methods like	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**

			writeable interface and serilization in Hadoop platform.															
		CO 3	To design the Map Reduce programming models of big data analytics.	-	-	2	-	-	-	-	-	-	-	-	-	3	2	-
		CO 4	To evaluate of Pig and Hive architecture and their progaramming model such as HQL, Pig script.	-	-	-	3	-	-	-	-	-	-	-	-	3	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	2	2	3	-	-	-	-	-	-	-	-	3	2	3
27	**Big Data Analytics Lab(8CS4-21)**	LO1	to analyze big data using Hadoop.	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		LO2	to use pig and Hive scripting	-	3	-	-	-	-	-	-	-	-	-	-	3	-	-
		LO3	To Apply various big data analysis techniques	-	-	3	-	-	-	-	-	-	-	-	-	3	-	-
		LO4	to assess modern data analytical tools	-	-	-	-	3	-	-	-	-	-	-	-	3	-	-
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	3	3	-	3	-	-	-	-	-	-	-	3	-	-
28	**Software Testing and Validation Lab (8CS4-22)**	LO1	to construct the process of testing and the fundamental components of a coverage analysis and unit testing.	-	-	-	-	-	3	-	-	-	-	-	-	3	-	3
		LO2	to examine mutation testing and test suits for appropriate applications.	-	-	-	-	3	-	-	-	-	-	-	-	3	-	-
		LO3	to determine the website performance measurement technique using JMeter and Selenium tool to perform Test sequences and validate testing.	-	-	-	-	-	-	-	-	3	-	-	-	3	3	-
		LO4	to debug the different software coding and strategies in unit testing method to the projects	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	3	3	-	-	3	3	-	-	3	3	3
29	**Project (8CS7-50)**	CO 1	Apply fundamental knowledge of basic Computer Engineering courses for solving complex Engineering problem	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 2	Analyze the literature, identify problem, its context with real world / industry issue and define problem statement	-	3	-	-	-	-	-	-	-	-	-	-	2	3	-
		CO 3	Design engineering solution to the problem using knowledge of core Computer engineering	-	-	3	-	-	-	-	-	-	-	-	-	3	3	-
		CO 4	Carryout experimentations/simulations and investigate the solution to complex Computer engineering problem	-	-	-	3	-	-	-	-	-	-	-	3	2	2	3
		CO 5	Use modern tools and techniques of Computer engineering for solving the problem	-	-	-	-	3	-	-	-	-	-	-	-	2	3	-
		CO 6	Analyse sustainability of proposed solution and its impact on environment & applicability of solution in industry and societal issues	-	-	-	-	-	3	3	-	-	-	-	-	3	-	3

		CO 7	Understand professional ethics, rules and regulations while working on interdisciplinary issues and financial management of project	-	-	-	-	-	-	-	3	-	-	3	-	2	3	3
		CO 8	demonstrate the ability to lead and productively participate in group situations and to use oral communication effectively	-	-	-	-	-	-	-	-	3	3	-	-	3	3	-
				3	3	3	3	3	3	3	3	3	3	3	3	2.5	2.833	3
30	IPR, Copyright and Cyber Law of India (Open Elective-II) (8CS6-60.2)	CO 1	To Determine and analyse the domain name system (DNS) in internet and various cybercrime offence in cyber space.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 2	To understand the concept of Intellectual Property and Intellectual Property Rights with special reference to India and abroad.	-	-	-	-	-	-	-	3	-	-	-	-	1	-	-
		CO 3	To Apply intellectual property law principles including the copyright law, patents law, designs and trademarks, to real problems and analyse the social impact of intellectual property law and policy.	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-
		CO 4	To Study the Jurisdiction Issues in Cyber Space and Competition Law in India	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-
				3	2	-	-	-	3	-	3	-	-	-	-	1.5	-	-
31	Big Data Analytics Lab (8CS4-21)	CO 1	Students will be able to analyze big data using Hadoop.	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 2	Students will be able to use pig and Hive scripting	-	3	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 3	To Apply various big data analysis techniques	-	-	3	-	-	-	-	-	-	-	-	-	3	-	-
		CO 4	Students able to use modern data analytical tools	-	-	-	-	3	-	-	-	-	-	-	-	3	-	-
		CO 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	3	3	-	3	-	-	-	-	-	-	-	3	-	-
32	Software Testing and Validation Lab (8CS4-22)	CO 1	Understand the process of applying tests to software and the fundamental components of a coverage analysis and unit testing.	-	3	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 2	Understand the mutation testing and Writing test suits for applications.	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-
		CO 3	Apply the website performance measurement technique using JMeter and Selenium tool to perform Test sequences and validate testing.	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
		CO 4	Analyze the design of test cases for different testing techniques.	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				3	3	-	-	3	-	-	-	-	-	-	-	3	2	-
33	Project (8CS7-0)	CO 1	Apply fundamental knowledge of basic Computer Engineering courses for solving complex Engineering problem	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 2	Analyze the literature, Identify problem, its	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-

			context with real world / industry issue and define problem statement															
		CO 3	Design engineering solution to the problem using knowledge of core Computer engineering	-	-	**3**	-	-	-	-	-	-	-	-	-	**3**	**3**	-
		CO 4	Carryout experimentations/simulations and investigate the solution to complex Computer engineering problem	-	-	-	**3**	-	-	-	-	-	-	-	-	-	**2**	**3**
		CO 5	Use modern tools and techniques of Computer engineering for solving the problem	-	-	-	-	**2**	-	-	-	-	-	-	-	**2**	**3**	-
		CO 6	Understand applicability of solution in industry and societal issues	-	-	-	-	-	**2**	-	-	-	-	-	-	-	**2**	-
		CO 7	Analysis sustainability of proposed solution and its impact on environment	-	-	-	-	-	-	**2**	-	-	-	-	-	-	-	-
		CO 8	Understand professional ethics, rules and regulations while working on interdisciplinary issues	-	-	-	-	-	-	-	**2**	-	-	-	-	-	**3**	-
				2	**3**	**3**	**3**	**2**	**2**	**2**	**2**	-	-	-	-	**2.667**	**2.667**	**3**

7 Course File Sample

Outcome Based ProcessImplementationGuidelinesforFaculty

7.1 Labelling yourcoursefile

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

7.2 List ofDocuments:

1. **Vision&MissionStatementsof theInstitute**
2. **Vision&MissionStatementsof theDepartment**
3. **List of PEO, PSOandPOofdepartment**
4. **PersonalTimeTable**
5. **RTU Syllabus**
10. **Documentasperpoint no. 1-4 inguidelines**
11. **Course Plan**
12. **Document asperpoint no6-12 inguidelines**
13. **Document forCOAssessmentStage1: Asperpoint no13, upto13.2.5**
14. **Document forCOAssessmentStage2: Asperpoint no13, upto13.2.5, with comparisonto previous**
15. **Document forCOAssessmentStage3: Asperpoint no13, upto13.2.5, with comparisonto previous**
16. **DocumentforCOAttainment throughRTUComponent: Previous RTU Result:pointno. 13.3 upto13.3.2**
17. **Document for POattainment throughRTUComponent:Previous RTU Result:pointno. 13.4 upto13.4.2**
18. **Document for OverallAttainmentof POthroughCO:Asperpoint no13.5**
19. **Document for last threeyears(Repeatprocessfrom6-14 above): Comparativedata shouldbe includedincoursefile**
20. **LectureNotes**
21. **Copyof Assignmentsquestionsgivenfromtimetotime**
22. **Copyof TutorialSheetsgiven (if applicable)**
23. **RTUQuestionPaperswithanswer**
24. **InternalAssessmentQuestionPaperswithanswerfromtimetotime**
25. **Topicscovered beyond syllabus-References**
26. **Detailsof anyotheractivityanditsassessment throughrubricbe included**
27. **Mappingdepartment level/focus activitieswithyourCOs**

8 Outcome BasedProcessImplementationGuidelinesforFaculty

CourseCO-PO,Preparation,Assessment Formats

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

Nameof theFaculty:

Subject: **Subject Code:**

Thisdocument ismeant asguidelinesfor implementing Outcomebasededucation systemasapartof NBAprocess.

1. **Vision&MissionofDepartment:Statement andMappingwith Institute Mission Hereyou havetoincludedepartmentmission& visionstatementsandshow mappingofkeywordswithinstitutemission.**
2. **ProgramEducationalObjectives(PEOs): Statement andMappingwith Department Vision&Mission**
   Hereyou havetoincludedepartmentPEOstatementsand showmappingof keywordswith department vision&mission.
3. **ProgramSpecific Outcome(PSOs): Statement andMappingwith Department Vision&Mission**
   Hereyou havetoincludedepartmentPSOstatementsandshowmappingof keywordswithdepartment vision&mission.
4. **ProgramOutcome(POs): Statement andMappingwithPEOandPSO**
   Hereyou havetoincludePOstatementsandshowmappingofkeywordswith departmentPEOs &PSOs.
5. **CoursePlan(Deployment):**

(Pleasewritehowyou intend to cover thecontents:i.e., coverageof Unitsbylectures, guest lectures, design exercises, solvingnumericalproblems, demonstration of models, model preparation, or byassignments, etc.), **for example**

- O**coverageof Unitsbylectures**
- 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:Principlesof OS, ByRamesh Soni, TataMGHill, Edition 2019

6. **CourseOutcomes:**LookforstrongmappingofcoursewithspecificPO(2-3).Define GenericCourseOutcomes(max4to6)usingBlooms Taxonomy.(IncaseofLabCourse definegenericLab OutcomesLOand refer COasLOin thisdocument).

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.Go throughthe contentsandtryto formulate4-5CourseOutcomeasperbloom taxonomy.Map each COwith POand PSOas above.Whilemappingpleaserethink ifyoumapanyPOwith3,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: Writefullstatement withkeywords highlighted oPO3: Writefullstatement withkeywords highlighted oPO4: Writefullstatement withkeywords highlighted

7.2 PO Moderately Mapped:(Example)
O PO1: Writefullstatement withkeywords highlighted
O PO11: Writefullstatement withkeywordshighlighted
7.3 POLowMapped:(Example)
OPO12: Writefullstatement withkeywordshighlighted

7.4 PSOStronglyMapped:(Example)
OPSO1 : Writefullstatementwithkeywordshighlighted

7.5 P S O ModeratelyMapped:(Example)
O PSO2: Writefullstatement withkeywordshighlighted

6.6 PSOLowMapped:(Example)
OPSO3: Writefullstatement withkeywordshighlighted

8. **RulesforCO/LOAttainment Levels:(Targets)**

Allthecoursesof yourdepartmentshouldbedividedinto threecategoriesA-MostDifficult course, B-Mediumlevelof Difficulty, C-Lowlevelof Difficulty–(Easy)
Accordingtodifficultylevel,youcandecidespecificrangeforCOattainmenttargetsfor Continuousassessment fromthefollowing table.
Rememberthat targetsfor internalassessment shouldbehigher.

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

Allthe coursesof yourdepartment shouldbedividedintothree categoriesA-Most Difficult course, B-Mediumlevelof Difficulty, C-Lowlevelof Difficulty–(Easy)
According to difficultylevelandthe resultsofpast 3-5 years, youcandecidespecific range forCOattainment targetsforRTUcomponent fromthefollowing 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

Forthe specificCO/LOattainment levelsof your respective courseplease usetheabove tablesasreferenceaccording yoursubject difficulty 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 (asMentionedin SessionPlan):
Youcanplan for each CO,activities/assessment toolsto beconducted/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,determinetargetsfor each COasaverageof targetsof 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 wiseAssessment Tools:

Thisgivesyougeneralizedviewofdifferent direct andindirect toolsthose canbe usedforassessment /achievementof CO/PO.(Decidewhichtoolsarerequiredforassessing aparticularCO/LOandinreferencetoCourseA, B, Cdifficulty level).

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.					
Notethat for every rubricsyou needto decideassessment criteria,rangeofmarksorweightage–abovevaluesare indicative					

13. COAssessment Process:

After everyactivity(Ideallyasperabovetable): (Frequencyof Assessment- Canbe takenasmonthly). Sotheassessment canbeforallactivities heldduring themonth. Dothefollowing.

13.1 AttainmentofCOs

13.1.1 AttainmentTableforCO1: 3CSA101.1

CO1:3CSA101.1: Attainment Table(Columns) AsApplicableCO wise-Monthly									
Student	**PreMidI Test 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 forall otherCOs, (CO2– CO5))

13.1.2CO-GapIdentifications

COs	CO1	CO2	CO3	CO4	CO5
Target					
Achieved					
Gap					

13.1.3 GapsIdentified:

Describewhat the reasons for gaps are

i.

ii.

OverallCOAttainmentTable: Example

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

13.1.4: Activities Decidedto bridgethegap

Pleasedoanalyzewhetheryoucouldget improvement throughactivities decidedand conductedforimprovements. Reason shouldbenotedwhy /howit isimprovedornot.

13.2 Attainmentof POs&PSO:

13.2.1 Target-ExpectedAttainmentof PObyattainmentof CO- Put allmappingsof 3, 2 and1.BasedonCO-POmapping,determinetargetsfor eachPOasaverageof targets of all relevantCOs.

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 Attainmentof POs&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:

Describewhat the reasons for gap (for PO) are.

i.

ii.

13.2.5 Activities Decidedto bridgethegap

Pleasedoanalyzewhetheryoucouldget improvement throughactivities decidedand conductedforimprovements. Reason shouldbenotedwhy /howit isimprovedornot.

Repeat wholeprocessafteronemonth,Two months,andthreemonths. Plotbar chart forimprovement in CO,PO&PSO. (Everymonth)

13.3 AttainmentofCOthrough RTUExam:

Thismay be possible for previoussemesterresultssooverallattainment. Iffaculty ischanged, datawillbeevaluatedby concernedfacultywhotaughtandhandedoverto current faculty.If facultynot available, thencurrent faculty willdothesame.

AttainmentofCO: 3CSA101:Subject:			
Student	**RTUMarks (80)**	**%0f Marks**	**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=**	
COAttainment= ?(Check Level3%attainment-IfNoFindGap)			
MarkXforabsent-Takeavg.ofallpresent			

13.3.1 AttainmentofCOthrough RTUComponent:

CO: Course Code: CourseName					
Target					
Achieved					
Gap					

13.3.1 GapsforCOattainmentthroughRTUComponent:

AnalyzeRTUQuestion paperwithrespecttoCOsformulated,contentsdeliveredand studentsexamined,findout reasonsforgaps

i.
ii.

13.3.2 Actionto betaken:

Prepare recommendationsforimprovement inplanning & teaching forgapsidentified.

13.4 Attainmentof POthroughCO(RTU) Component

Put RTU Resultsaspertarget achievedonlyandmapping level, infollowing table

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

Attainmentof POthroughCO(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,findout reasonsforgaps

Describewhat arethereasonsforgap i.

ii.

13.4.2 Actionto betaken:

Prepare recommendationsforimprovement inplanning & teaching forgapsidentified.

13.5 OverallAttainmentof PO&PSO: ThroughContinuous Assessment &RTU

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

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

Put allattainmentsinthefollowing tableandcompute.

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&PSOAttainment through Course:

Put Overall PO&PSOattainment aspermapping 3,2,1above:

Attainmentof Overall 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 Overall PO&PSOtargets&attainment aspermapping 3,2,1above:

Attainment &Gapof Overall POSession----------															
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.Describewhat the reasons are.

i.

ii.

13.5.6 Actionto betaken:

Preparerecommendationsforimprovementinplanning&teaching(Internal&RTU)for gapsidentified.DecideActivitiesto be conductedto bridgethegapsinCOs.

Repeat wholeprocessafter Oneyearbefore, Twoyearbefore, andthreeyearbefore. Plotbar chartsforContinuous improvementscheckin CO, PO&PSO. (EveryYear).

9 File Formats

9.1 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

9.2 Front Page of Course File

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___-___

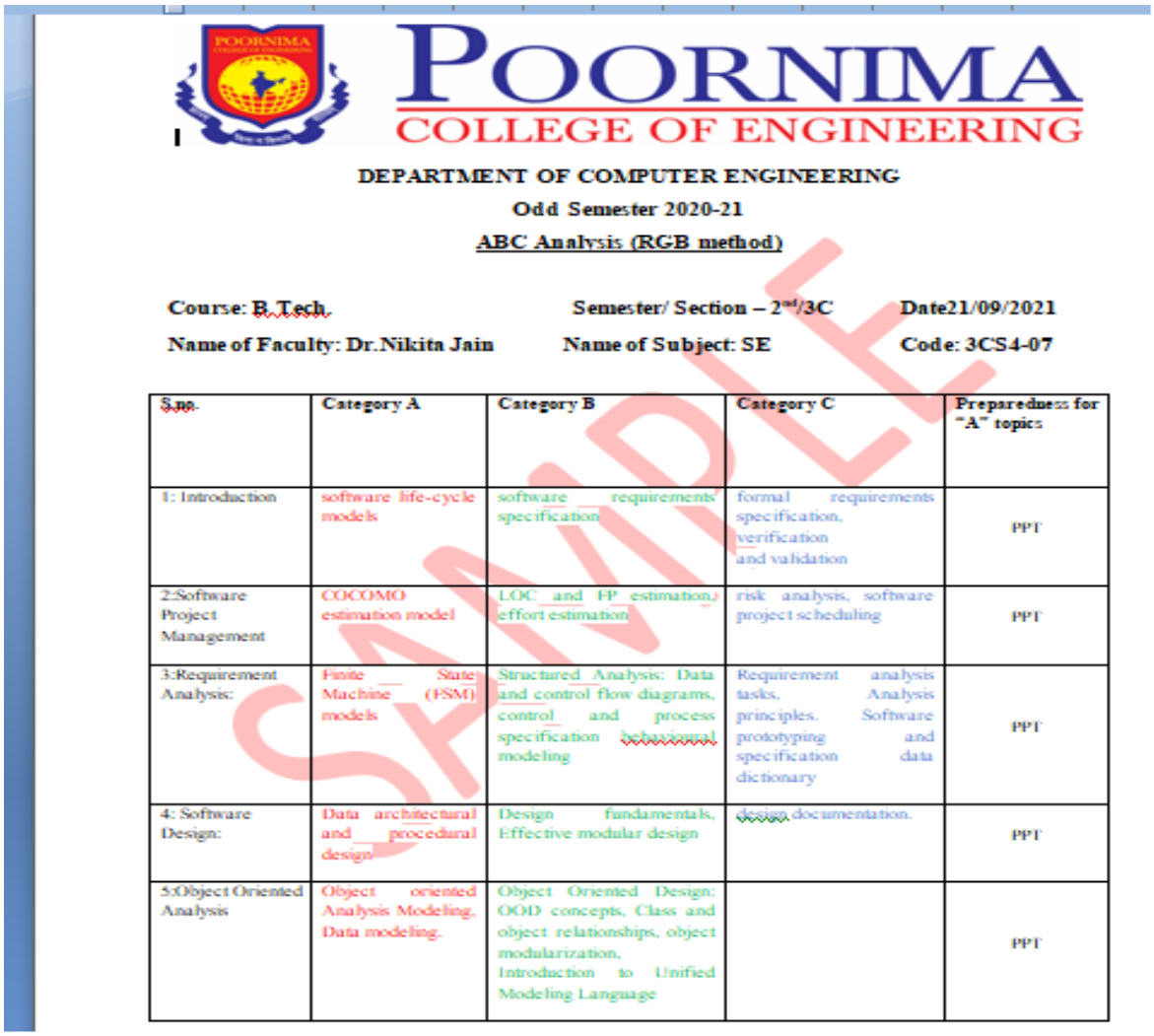
NAME OF FACULTY: _____

DEPARTMENT: _____

CAMPUS: _____

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

9.3 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

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
181-B, RIICO Institutional Area
Sitapura, JAIPUR

9.4 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

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9.5 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	
	Introduction to Unit :1						
2	**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**						

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9.6 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:

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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.

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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

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9.7 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:

____

____

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9.7.1 Detailed Lecture Note Format-1

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

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

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9.7.2 Detailed Lecture Note Format-2

POORNIMA
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DETAILED LECTURE NOTES

PAGE NO. .....

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9.8 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

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9.9 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			

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9.10 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				

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9.11 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 Credit: ___

Max. Time: 2 hrs. **Max. Marks: 60**

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	PO
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			

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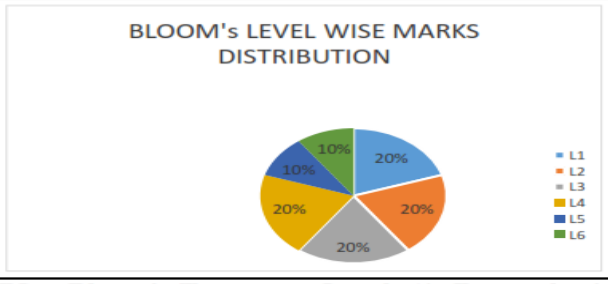

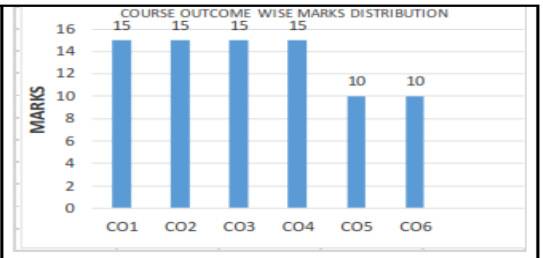

BL – Bloom's Taxonomy Levels (1- Remembering, 2- Understanding, 3 – Applying, 4 – Analyzing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes; PO – Program Outcomes

13. 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

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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		

POORNIMA
COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING

CURRICULUM DELIVERY PLAN

OUTLINE-ODD SEM-2022-23

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)

• Phone: +91-141-2770790 • E-mail: infor@poornima.org

• Website: www.poornima.org

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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 solution

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	Chairman, DAB-CE	Chairman, IQAC	Dr. Mahesh Bundele	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Member Secretary	Chairman, DAB-CE	Dr. Nikita Jain	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
3	Faculty representative-1	Chairman, DAB-CE	Dr. VeenaYadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
4	Faculty representative-2	Chairman, DAB-CE	Mr.ManishDubey	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur

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5	Faculty representative-3	Chairman, DAB-CE	Ms.Archika Jain	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Faculty representative-4	Chairman, DAB-CE	Mr.ManishChoubisa	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
7	Faculty representative-5	Chairman, DAB-CE	Ms. ArchanaSoni	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
8	Faculty representative-6	Chairman, DAB-CE	Ms.NehaShrotriya	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
9	Special Invitee	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. SubarnaMajee	TCS
11	Alumni Representative-2	Chairman, DAB-CE	Ms. VandanaKanojiya	IBM
12	Student Representative	Chairman, DAB-CE	Mr. GauravPipada	Final Year CE
13	Industry Representative	Chairman, DAB-CE	Mr. Narendra Sharma	RoboMQ Pvt. Ltd
14	Parents Representative-1	Chairman, DAB-CE	Mr. AnuragKulshresth a	Jaipur
15	Parents Representative-2	Chairman, DAB-CE	Mr. Anil Mathur	Jaipur

3.1.4 Meeting Frequency & Objectives

Meeting No.	Meeting Code	Meeting Month-Week	Meeting Objective
1.	DAB-1	July First Week	● Consideration of gaps and proposed activities by PAC last meeting to be implemented in DAC and CDP. ● Prepares final draft of CDP and DAC to be proposed in

			upcoming IQAC meeting
2.	DAB-2	September Second Week	• Approval / Suggestions of proposals from last PAC Meeting. • Revision of DAB Drafts for being proposed in upcoming GC
3	DAB-3	December First Week	• Draft preparation for DAC and CDP for upcoming semester after considering inputs from PAC. • Review Semester closure draft from PAC.

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	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
2	Member Secretary	Chairman, PAC-CE	Dr. Ajay Kumar Khunteta	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
3	Faculty representative-1	Chairman, PAC-CE	Dr. VeenaYadav	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
4	Faculty representative-2	Chairman, PAC-CE	Ms.UpmaKumari	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
5	Faculty representative-3	Chairman, PAC-CE	Ms.GeetaTiwari	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
6	Faculty representative-4	Chairman, PAC-CE	Mr.Shirish Mohan Dubey	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
7	Faculty representative-5	Chairman, PAC-CE	Ms. ArchanaSoni	Poornima College of Engineering, ISI-6, RIICO Inst. Area, Sitapura, Jaipur
8	Faculty	Chairman, PAC-CE	Mr.Amitesh Kumar	Poornima College of Engineering, ISI-

	representative-6			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 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
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	October Last Week	● Inclusion of suggestions for revising gaps ● Execution of Academic, Extra and Co-Curricular activities according to suggestions in GC ● Regular assessment of Academic, Extra and Co-Curricular activities ● Regular calculation of attainments ● Revision of academics gaps as previous attainment
5.	PAC-5	November Third Week	● 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
6.	PAC-6	December Third Week	● Incorporation of suggestions from IQAC and DAB meetings in execution of Semester activities ● Execution and assessment of Academic, Extra and Co-Curricular activities ● Revision of academics gaps as previous attainment ● Calculation of attainments

4 List of Faculty Members& Technical Staff

S.No	Name of the Faculty Member	College Emp. ID	Designation	Email Address	MobilePhone
1	DR. MAHESH BUNDELE	2820	PRINCIPAL	maheshbundele@poornima.org	9828999440
2	Dr. VEENA YADAV	4548	PROFESSOR	yveena@gmail.com	9549836161
3	DR. AJAY KUMAR KHUNTETA	1104	PROFESSOR	ajay_khunteta@rediffmail.com	9828596101
4	DR. RAKESH KUMAR SAXENA	7176	PROFESSOR		8302176914
5	DR. NIKITA JAIN	6179	ASSOCIATE PROFESSOR	nikitagoodjain@gmail.com	9413069023
6	DR. GEETA GANDHI	5341	ASSOCIATE PROFESSOR	geetagandhi@poornima.org	9982251577
7	DR. VISHNU SHARMA	6922	ASSOCIATE PROFESSOR		9783142141
8	DR. ANUSHYA ARULDHAS	7158	ASSOCIATE PROFESSOR		9442092734
9	DR. SHIV KUMAR AGARWAL	6328	ASSOCIATE PROFESSOR		9460070346
10	Ms. GARIMA ANGIRA	1133	ASST PROFESSOR	garimaangira@poornima.org	9252849747
11	MR. SANJAY KUMAR GUPTA	1212	ASST PROFESSOR	sanjayk.angel@gmail.com	9829011904
12	MR. AMITESH KUMAR	1293	ASST PROFESSOR	amiteshk@poornima.org	9529262120
13	Mr. DINESH CHANDRA SHARMA	2936	ASST PROFESSOR	dinesh.sharma@poornima.org	9928451003
14	Ms. PRACHI SHARMA	5089	ASST PROFESSOR	prachi.sharma@poornima.org	9800001111
15	MS. ARCHIKA JAIN	5939	ASST PROFESSOR	archika.jain@poornima.org	7597161891
16	Mr. NIMISH ARVIND	6022	ASST PROFESSOR	nimish.arvind@poornima.org	8696857545
17	MS. NEHA SHROTRIYA	6148	ASST PROFESSOR	nehashrotriya94@gmail.com	7357733397
18	MS. UPMA KUMARI	6149	ASST PROFESSOR	upma2509.gaur@gmail.com	9785843827
19	MR. MANISH DUBEY	6242	ASST PROFESSOR	manishdubeycs@gmail.com	9887501342
20	MR. MANISH CHOUBISA	6700	ASST PROFESSOR	manish.choubisa@poornima.org	9166242989

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21	Ms. BARKHA NARANG	6875	ASST PROFESSOR	barkhanarang17@gmail.com	9930682605
22	Ms. ARCHANA SONI	6877	ASST PROFESSOR	archisoni637@gmail.com	7023470087
23	Mr. SURESH VYAS	7073	ASST PROFESSOR	suresh.vyas@poornima.org	9636612668
24	MR. SHIRISH MOHAN DUBEY	7129	ASST PROFESSOR	shirish.dubey@poornima.org	9425757459
25	MS.GEETA TIWARI	7208	ASST PROFESSOR	geeta.tiwari@poornima.org	7014890702
26	MR. SARANSH SHARMA	7266	ASST PROFESSOR	saransh.sharma@poornima.org	8879268714
27	MR. DEVENDRA NATH PATHAK	7271	ASST PROFESSOR	devendra.pathak@poornima.org	9956956989
28	MR. SUCHIT BHAI PATEL	7274	ASST PROFESSOR	suchit.patel@poornima.org	9799751459
29	MR. ROHIT SINGH RAJPUT	7275	ASST PROFESSOR	rohit.rajput@poornima.org	9752815473
30	MS. SHILPA KALRA SAHANI	7227	ASST PROFESSOR	shilpa.sahani@poornima.org	7340586152
31	Mr. SUPREET KUMAR SINGH	3441	ASST PROFESSOR	supreetsingh95@yahoo.com	8854844187

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5 Institute Academic Calendar

JULY 2022						
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

AUGUST 2022						
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 2022						
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 2022						
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

NOVEMBER 2022						
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 2022						
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

POORNIMA
COLLEGE OF ENGINEERING

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

ACADEMIC CALENDAR 2022-23*#

ODD SEMESTER

JULY 2022

RTU THEORY EXAMINATION OF FIRST YEAR [EVEN SEM 2021-22]
Practical Training [After II, IV, VI Sem.]

AUGUST 2022

Tuesday 16	Commencement of Classes-Odd Semesters B.Tech III Sem.
Wednesday 17	Commencement of Classes-Odd Semesters B.Tech VII Sem.
Monday 15	Celebration of Independence Day
Tuesday 16 to Thursday 18	Orientation programme-B.Tech. III Sem.
Wednesday17 to Saturday 20	Orientation programme-B.Tech. VII Sem.

SEPTEMBER 2022

RTU THEORY EXAMINATION OF SECOND YEAR [EVEN SEM 2021-22]

Monday 05	Faculty Felicitation Program, Celebration of Teachers' Day & activities under WISE
Thursday 15	Engineers' Day
Monday 19	Commencement of Classes-Odd Semesters V Sem.
Monday 19 to Wednesday 21	Orientation programme-B. Tech. V Sem.
Monday 26 to Friday 30	First Mid Term Theory & Practical Exam for B.Tech VII Sem

OCTOBER 2022

Sunday 02	Annual Day 'KALANIDHI' & Prize distribution ceremony
Thursday 06	Manthan- Inter-college Debate Competition
Monday 10 to Saturday 15	First Mid Term Theory & Practical Exam for B.Tech III Sem
Monday 10 to Saturday 29	Orientation programme-B. Tech. I Sem.
Monday 31	Commencement of Classes-Odd Semesters I Sem.

NOVEMBER 2022

Tuesday 01	Blood Donation Camp
Monday 07 to Saturday 12	First Mid Term Theory & Practical Exam for B.Tech V Sem
Monday 28	Last Teaching Day for B.Tech VII Sem
Tuesday 29 to Saturday 03	Second Mid-TermTheory & Practical Exam for B.Tech VII Sem

DECEMBER 2022

Wednesday 07	End-Term Theory Exams for B.Tech VII Sem
Monday 12	End-Term Practical Exams for B.Tech VII Sem
Monday 12 to Saturday 17	First Mid Term Theory & Practical Exam for B.Tech I Sem
Saturday 17	Last Teaching Day for B.Tech III Sem
Monday 19 to Saturday 24	Second Mid-TermTheory & Practical Exam for B.Tech III Sem
Friday 30	Last Teaching Day for B.Tech V Sem

JANUARY 2023

Monday 02 to Saturday 07	Second Mid-TermTheory & Practical Exam for B.Tech V Sem
Tuesday 03	End-Term Practical Exams for B.Tech III Sem
Monday 09	End-Term Practical Exams for B.Tech V Sem
Tuesday 17	End-Term Theory Exams for B.Tech III Sem
Wednesday 18	End-Term Theory Exams for B.Tech V Sem

FEBRUARY 2023

Thursday, 09	Last Teaching Day for B.Tech I Sem
Friday 10 to Friday 17	Second Mid Term Theory & Practical Exam for B.Tech I Sem
Monday 20	End-Term Practical Exams for B.Tech I Sem
Saturday 11 March	End-Term Theory Exams for B.Tech I Sem

HOLIDAYS IN ODD SEMESTER

Bakrid / Eid ul-Adha"	Sunday, July 10, 2022
Raksha Bandhan	Thursday, August 11, 2022
Shri Krishna Janmashtami	Friday, August 19, 2022
Vijay Dashmi	Wednesday, October 5, 2022
Diwali Break	Saturday, Oct. 22 to Wednesday, Oct. 26
Guru Nanak Jayanti	Tuesday, November 8, 2022
Christmas	Sunday, December 25, 2022
Winter Break	As per RTU Examination Schedule
New Year Day	December 31, 2022 to January 01, 2023

*Subject to revision as per RTU notifications

#For all Engineering Faculty and Students of PCE

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6 Department Activity Calendar

Poornima College of Engineering, Jaipur

Calendar for Computer Engineering : Odd Semester - Session 2022-23

(A) Academic Processes

S. No.	Activity/ Process	B.Tech. I Sem.	B.Tech. III Sem.	B.Tech. V Sem.	B.Tech. VII Sem.
1	Date of Registration & start of regular classes for students	Monday, October 31, 22	Tuesday, August 16, 22	Monday, September 19, 22	Wednesday, August 17, 22
2	Orientation programme	Monday, October 31, 22 to Saturday, October 29, 22	Tuesday, August 16, 22 to Thursday August18, 22	Monday, September 19, 22 to Wednesday, September 21, 22	Wednesday, August 17, 22 to Saturday, August 20, 22
3	Date of submission of question papers by faculty members to secrecy for 1st Mid-term	Tuesday, December 06, 22	Saturday, October 01, 22	Tuesday, November 01, 22	Friday, September 16, 22
4	I Mid Term Theory & Practical Exam	Monday, December 12, 22 to Saturday, December 17, 22	Monday, October 10, 22 to Saturday, October 15, 22	Monday, November 7, 22 to Saturday, November 12, 22	Monday, September 26, 22 to Friday, October 30, 22
5	Showing evaluated answer books of 1st Mid-term exam to students in respective classes	Upto Wednesday, December 21, 22	Upto Saturday, Octomber 22, 22	Upto Monday, November 21, 2022	Upto Saturday, November 5, 2022
6	Last date of submission of Evaluated Answer Books and Mark of First Mid-term Theory & Practical exam to Exam and Secrecy Cell	Upto Monday, December 26, 22	Upto Saturday, November 12, 2022	Upto Saturday, November 26, 2022	Upto Monday, November 7, 2022
7	Date of submission of question papers by faculty members to secrecy for 2nd Mid-term	Friday, December 09, 22	Thursday, November 17, 2022	Wednesday, November 30, 2022	Monday, October 17, 2022
8	Revision classes	To be declared later according to RTU Exam Schedule			
9	Last Teaching Day	Monday, January 09, 2023	Saturday, December 17, 22	Friday, December 30, 2022	Monday, November 28, 2022
10	2nd Mid-term theory & Practical Exams	Friday, February 10, 2023 to Friday 17, 2023	Monday -Saturday, Decmber 19-24 , 22	Monday-Saturday, January 02-07, 2023	Tuesday -Saturday, November 29-December 03, 2022
11	End-Term Practical Exams	Monday, February 20, 2023	Tuesday, January 03, 23	Wednesday, January 18, 2023	Monday, December 12, 2022

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12	Alumni Session	Wednesday, November 23, 2022			
13	Teachers Day Celebration	Monday, September 05, 2022			
14	Celebration of Vishwakarma Jayanti	Saturday, September 17, 2022			
15	Industrial Visit at Universal Autofoun	Wednesday, September 28, 2022			
16	Celebration of Engineers Day	Thursday, September 15, 2022			
17	Toyota Hybrid Awareness Drive	Wednesday, September 28, 2022			
18	Celebration of Vishwakarma Jayanti	Saturday, September 17, 2022			
19	Teachers Day Celebration	Monday, September 05, 2022			
20	Workshop on Ethical Hacking	Thursday, September 15, 2022			
21	Hands-on Session on Python	Wednesday, September 21, 2022			
22	Awareness session on ACM	Tuesday,October 18, 2022			
23	Expert Lecture on Artifical Intelligence and Its Application	Wednesday, November 2,2022			
24	Expert Lecture on NP Completeness &	Thursday, December 01,2022			
25	Expert Lecture on Future of cyber	Monday, December 05,2022			
26	Expert Lecture on Ethical Hacking and	Monday, December 05,2022			
27	A Vision towards Entrepreneurship and	Friday, December 16,2022			
28	Expert Lecture on Skills Development in	Wednesday, December 21,2022			
29					
		(C) Holidays			
30	Bakrid / Eid ul-Adha"	Sunday, July 10, 2022			
31	Raksha Bandhan	Thursday, August 11, 2022			
32	Shri Krishna Janmashtami	Friday, August 19, 2022			
33	Vijay Dashmi	Wednesday, October 05, 2022			
34	Diwali Break	Saturday, October 22 -26, 2022			
35	Guru Nanak Jayanti	Tuesday, November 08, 2022			
36	Christmas	Sunday, December 25, 2022			
37	Winter Break	As per RTU examination schedule			

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7 Teaching Scheme

7.1 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	120	**150**	**3**
2	HSMC	3CS1-02/ 3CS1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	2	20	80	**100**	**2**
3	ESC	3CS3-04	Digital Electronics	3	0	0	3	30	120	**150**	**3**
4	PCC	3CS4-05	Data Structures and Algorithms	3	0	0	3	30	120	**150**	**3**
5		3CS4-06	Object Oriented Programming	3	0	0	3	30	120	**150**	**3**
6		3CS4-07	Software Engineering	3	0	0	3	30	120	**150**	**3**
			Sub Total	**17**	**0**	**0**		**170**	**680**	**850**	**17**
PRACTICAL & SESSIONAL											
7	PCC	3CS4-21	Data Structures and Algorithms Lab	0	0	3		45	30	**75**	**1.5**
8		3CS4-22	Object Oriented Programming Lab	0	0	3		45	30	**75**	**1.5**
9		3CS4-23	Software Engineering Lab	0	0	3		45	30	**75**	**1.5**
10		3CS4-24	Digital Electronics Lab	0	0	3		45	30	**75**	**1.5**
11	PSIT	3CS7-30	Industrial Training	0	0	1		0	0	**50**	**1**
12	SODECA	3CS8-00	Social Outreach, Discipline & Extra Curricular Activities							**25**	**0.5**
			Sub- Total	**0**	**0**	**13**		**180**	**120**	**375**	**7.5**
			TOTAL OF III SEMESTER	**17**	**0**	**13**		**350**	**800**	**1225**	**24.5**

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

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

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RAJASTHAN TECHNICAL UNIVERSITY, KOTA

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

SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
THEORY											
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*

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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

THEORY											
SN	**Category**	**Course**		**Contact hrs/week**			**Marks**				**Cr**
		Code	**Title**	**L**	**T**	**P**	**Exm Hrs**	**IA**	**ETE**	**Total**	
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*

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8 PCE Teaching Scheme

Poornima College of Engineering, Jaipur

Department of Computer Engineering

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		

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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

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8.1 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.

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9 Department Load Allocation

POORNIMA COLLEGE OF ENGINEERING, JAIPUR									
Department of Computer Engineering									
Load Sheet of Session 2022-23 (ODD Semester)									
Sr. No.	**Faculty Name**	**Subject(s)**	**Subject Code**	**Section**	**L**	**T**	**P**	**Load Per Week**	**Total Load**
1	Ms. GARIMA ANGIRA	Internet of Things	7CS4-01	A	3	0	0	3	
		Internet of Things Lab	7CS4-21	A123	0	0	4	12	15
2	MR. SANJAY KUMAR GUPTA	Object Oriented Programming	3CS4-06	B	3	0	0	3	
		Object Oriented Programming Lab	3CS4-22	B123	0	0	3	9	
		Human-Computer Interaction (Elective 2)	5CS5-12	Batch-1	2	0	0	2	14
3	Mr. DINESH CHANDRA SHARMA	Operating Systems	5CS4-03	A	4	0	0	4	
		I3 Activity	5CS	A	1	0	0	1	
		I3 Activity	5CS	B	1	0	0	1	
		I3 Activity	3CS	B	1	0	0	1	
		I3 Activity	3CS	A	1	0	0	1	8
4	Ms. PRACHI SHARMA	Computer Graphics & Multimedia	5CS4-04	C	4	0	0	4	
		Computer Graphics & Multimedia Lab	5CS4-21	C123	0	0	2	6	
		Information Theory & Coding	5CS3-01	A	3	0	0	3	
		Information Theory & Coding	5CS3-01	C	3	0	0	3	16

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5	**Ms. ANURADHA RAHEJA**	**Data Structures and Algorithms**	**3CS4-05**	**C**	**3**	**0**	**0**	**3**	
		Data Structures and Algorithms Lab	**3CS4-21**	**C123**	**0**	**0**	**3**	**9**	**12**
6	**MS. ARCHIKA JAIN**	**Analysis of Algorithem**	**5CS4-05**	**B**	**4**	**0**	**0**	**4**	
		Analysis of Algorithem Lab	**5CS4-23**	**B123**	**0**	**0**	**2**	**6**	
		Adv Java Lab	**5CS4-24**	**C123**	**0**	**0**	**2**	**6**	**16**
7	**Mr. NIMISH ARVIND**	**Object Oriented Programming**	**3CS4-06**	**C**	**3**	**0**	**0**	**3**	
		Object Oriented Programming Lab	**3CS4-22**	**C123**	**0**	**0**	**3**	**9**	**12**
8	**MS. NEHA SHROTRIYA**	**Compiler Design**	**5CS4-02**	**C**	**4**	**0**	**0**	**4**	
		Compiler Design Lab	**5CS4-22**	**C123**	**0**	**0**	**2**	**6**	
		Operating Systems	**5CS4-03**	**B**	**4**	**0**	**0**	**4**	
		I3 Activity	**V**	**C**	**1**	**0**	**0**	**1**	**15**
9	**MS. UPMA KUMARI**	**Internet of Things**	**7CS4-01**	**C**	**3**	**0**	**0**	**3**	
		Internet of Things Lab	**7CS4-21**	**C123**	**0**	**0**	**4**	**12**	**15**
10	**MR. MANISH DUBEY**	**Industrial Training**	**3CS7-30**	**A**	**0**	**0**	**1**	**1**	
		Internet of Things	**7CS4-01**	**B**	**3**	**0**	**0**	**3**	
		Internet of Things Lab	**7CS4-21**	**B123**	**0**	**0**	**4**	**12**	**16**

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11	**MR. MANISH CHOUBISA**	**Industrial Training**	**7CS7-30**	**A12**	**0**	**0**	**2**	**4**	
		Seminar	**7CS7-40**	**A123**	**0**	**0**	**2**	**6**	
		Open Elective - II (Cyber Security)	**7CS6-60.2**		**3**	**0**	**0**	**3**	
		Add on Course	**5CS**	**A**	**1**	**0**	**0**	**1**	
		Add on Course	**5CS**	**B**	**1**	**0**	**0**	**1**	
		Add on Course	**5CS**	**C**	**1**	**0**	**0**	**1**	**16**
12	**Ms. BARKHA NARANG**	**Software Engineering**	**3CS4-07**	**B**	**3**	**0**	**0**	**3**	
		Software Engineering Lab	**3CS4-23**	**B123**	**0**	**0**	**3**	**9**	
		Industrial Training	**7CS7-30**	**A3**	**0**	**0**	**2**	**2**	
		Industrial Training	**7CS7-30**	**B3**	**0**	**0**	**2**	**2**	**16**
13	**Ms. ARCHANA SONI**	**Operating Systems**	**5CS4-03**	**C**	**4**	**0**	**0**	**4**	
		Seminar	**7CS7-40**	**B123**	**0**	**0**	**2**	**6**	
		Seminar	**7CS7-40**	**C123**	**0**	**0**	**2**	**6**	**16**
14	**Mr. SURESH VYAS**	**Data Structures and Algorithms**	**3CS4-05**	**A**	**3**	**0**	**0**	**3**	
		Data Structures and Algorithms Lab	**3CS4-21**	**A123**	**0**	**0**	**3**	**9**	
		Industrial Training	**7CS7-30**	**B12**	**0**	**0**	**2**	**4**	**16**
15	**MR. SHIRISH MOHAN DUBEY**	**Software Engineering**	**3CS4-07**	**A**	**3**	**0**	**0**	**3**	

		Software Engineering Lab	**3CS4-23**	**A123**	**0**	**0**	**3**	**9**	
		I3 Activity	**3CS**	**C**	**1**	**0**	**0**	**1**	**13**
16	**MS.GEETA TIWARI**	**Data Structures and Algorithms**	**3CS4-05**	**B**	**3**	**0**	**0**	**3**	
		Data Structures and Algorithms Lab	**3CS4-21**	**B123**	**0**	**0**	**3**	**9**	
		Quality Management/ISO 9000 (Open Elective1)	**7CS6-60.1**		**3**	**0**	**0**	**3**	**15**
17	**MR. SARANSH SHARMA**	**Compiler Design**	**5CS4-02**	**A**	**4**	**0**	**0**	**4**	
		Compiler Design Lab	**5CS4-22**	**A123**	**0**	**0**	**2**	**6**	
		Add on Course	**5CS**	**A**	**1**	**0**	**0**	**1**	
		Add on Course	**5CS**	**B**	**1**	**0**	**0**	**1**	
		Add on Course (C Language)	**3CS**		**3**	**0**	**0**	**3**	**15**
18	**MR. DEVENDRA NATH PATHAK**	**Information Theory & Coding**	**5CS3-01**	**B**	**3**	**0**	**0**	**3**	
		Human-Computer Interaction (Elective 2)	**5CS5-12**	**Batch-2**	**2**	**0**	**0**	**2**	
		Cyber Security Lab	**7CS4-22**	**C123**	**0**	**0**	**4**	**12**	**17**
19	**MR. SUCHIT BHAI PATEL**	**Cyber Security Lab**	**7CS4-22**	**B123**	**0**	**0**	**4**	**12**	
		Add on Course	**5CS**		**1**	**0**	**0**	**1**	**13**
20	**MR. ROHIT SINGH RAJPUT**	**Cyber Security Lab**	**7CS4-22**	**A123**	**0**	**0**	**4**	**12**	
		Industrial Training	**7CS7-30**	**C12**	**0**	**0**	**2**	**4**	**16**

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21	**MS. SHILPA KALRA SAHANI**	**Object Oriented Programming**	**3CS4-06**	**A**	**3**	**0**	**0**	**3**	
		Object Oriented Programming Lab	**3CS4-22**	**A123**	**0**	**0**	**3**	**9**	
		Add on Course (C Language)	**3CS**		**3**	**0**	**0**	**3**	**15**
22	**MS. SONAM GOUR**	**Digital Electronics**	**3CS3-04**	**A**	**3**	**0**	**0**	**3**	
		Digital Electronics Lab	**3CS4-24**	**A123**	**0**	**0**	**2**	**6**	**9**
23	**MS. KALPANA SHARMA**	**Managerial Economics and Financial Accounting**	**3CS1-03**	**A**	**2**	**0**	**0**	**2**	
		Managerial Economics and Financial Accounting	**3CS1-03**	**B**	**2**	**0**	**0**	**2**	
		Managerial Economics and Financial Accounting	**3CS1-03**	**C**	**2**	**0**	**0**	**2**	**6**
24	**DR. NIKITA JAIN**	**Software Engineering**	**3CS4-07**	**C**	**3**	**0**	**0**	**3**	
		Software Engineering Lab	**3CS4-23**	**C123**	**0**	**0**	**3**	**9**	
		Industrial Training	**5CS7-30**	**C**	**0**	**0**	**1**	**1**	
		Industrial Training	**3CS7-30**	**B**	**0**	**0**	**1**	**1**	**14**
25	**DR. GEETA GANDHI**	**Adv Java Lab**	**5CS4-24**	**A123**	**0**	**0**	**2**	**6**	
		Adv Java Lab	**5CS4-24**	**B123**	**0**	**0**	**2**	**6**	**12**
26	**DR. VISHNU SHARMA**	**Compiler Design**	**5CS4-02**	**B**	**4**	**0**	**0**	**4**	
		Compiler Design Lab	**5CS4-22**	**B123**	**0**	**0**	**2**	**6**	**10**

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27	**DR. ANUSHYA ARULDHAS**	**Computer Graphics & Multimedia**	**5CS4-04**	**B**	**4**	**0**	**0**	**4**	
		Computer Graphics & Multimedia Lab	**5CS4-21**	**B123**	**0**	**0**	**2**	**6**	
		Industrial Training	**3CS7-30**	**C**	**0**	**0**	**1**	**1**	
		Industrial Training	**3CS7-30**	**A**	**0**	**0**	**1**	**1**	**12**
28	**DR. SHIV KUMAR AGARWAL**	**Industrial Training**	**5CS7-30**	**B**	**0**	**0**	**1**	**1**	
		Project	**7CS**	**A,B,C**	**3**	**0**	**0**	**9**	**10**
39	**Dr. ABHISHEK SHARMA**	**Digital Electronics**	**3CS3-04**	**B**	**3**	**0**	**0**	**3**	
		Digital Electronics Lab	**3CS4-24**	**B123**	**0**	**0**	**2**	**6**	**9**
30	**Dr. VEENA YADAV**	**Computer Graphics & Multimedia**	**5CS4-04**	**A**	**4**	**0**	**0**	**4**	
		Computer Graphics & Multimedia Lab	**5CS4-21**	**A123**	**0**	**0**	**2**	**6**	
		Industrial Training	**7CS7-30**	**C**	**0**	**0**	**1**	**1**	**11**
31	**DR. AJAY KUMAR KHUNTETA**	**Analysis of Algorithem**	**5CS4-05**	**A**	**4**	**0**	**0**	**4**	
		Analysis of Algorithem Lab	**5CS4-23**	**A123**	**0**	**0**	**2**	**6**	**10**
32	**DR. RAKESH KUMAR SAXENA**	**Analysis of Algorithem**	**5CS4-05**	**C**	**4**	**0**	**0**	**4**	
		Analysis of Algorithem Lab	**5CS4-23**	**C123**	**0**	**0**	**2**	**6**	**10**

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33	**Dr. GAJANAND GUPTA**	**Digital Electronics**	**3CS3-04**	**C**	**3**	**0**	**0**	**3**	
		Digital Electronics Lab	**3CS4-24**	**C123**	**0**	**0**	**2**	**6**	
		Wireless Communication (Elective1)	**5CS5-11**	**Batch-3**	**2**	**0**	**0**	**2**	**11**
34	**DR. SHILPI JAIN**	**Adv. Engg. Math**	**3CS2-01**	**A**	**3**	**0**	**0**	**3**	**3**
35	**DR. SHUCHI DAVE**	**Adv. Engg. Math**	**3CS2-01**	**B**	**3**	**0**	**0**	**3**	
		Adv. Engg. Math	**3CS2-01**	**C**	**3**	**3**	**0**	**6**	**9**
36	**Ms. AnuArora**	**Adv. Engg. Math**	**3CS2-01**	**A**	**0**	**0**	**3**	**3**	
		Adv. Engg. Math	**3CS2-01**	**B**	**0**	**0**	**3**	**3**	**6**

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Time Table

9.1 Orientation Time Table

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-A

Class Location: AF-03
WEF: 16.08.2022
Tutor Name:Ms. Sonam Gaur

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Tuesday 16.08.2022	**NPTEL Interaction** Ms. Harshita Virwani	**NSP Interaction** Ms. Archika Jain	**Internship Interaction** Ms.Sonam Gour		**3CS4-05 DSA** Ms. Neha Shrotriya	**3CS4-06 OOP** Dr Surendra Kr Yadav	AF-11 A1-Batch **3CS4-24 DE Lab** Ms.Sonam Gour AF-7A A2-Batch **3CS4-21 DSA LAB** Ms. Neha Shrotriya AF-7B A3-Batch **3CS4-22 OOP LAB** Dr Surendra Kr Yadav / Ms. Harshita Virwani	Activity
Wednesday 17.08.2022	AF-7A A1-Batch **3CS4-21 DSA LAB** Ms. Neha Shrotriya AF-11 A2-Batch **3CS4-24 DE Lab** Ms.Sonam Gour AF-1C A3-Batch **3CS4-23 SE Lab** Mr.Shirish M Dubey	**Placement Interaction** Ms.Sonam Gour	**3CS4-07 SE** Mr.Shirish M Dubey	LUNCH	**HoD/Dy HoD Interaction** Dr Surendra Kr Yadav / Mr. Manish Dubey	**Tutor Interaction(Activity)** Ms.Sonam Gour	AF-7B A1-Batch **3CS4-22 OOP LAB** Dr Surendra Kr Yadav / Ms. Harshita Virwani AF-1C A2-Batch **3CS4-23 SE Lab** Mr.Shirish M Dubey AF-11 A3-Batch **3CS4-24 DE Lab** Ms.Sonam Gour	Activity
Thrusday 18.08.2022	**Tutor Interaction(Activity)** Ms.Sonam Gour	**3CS2-01 AEM** New Faculty(Maths)	AF-1D A1-Batch **3CS4-23 SE Lab** Mr.Shirish M Dubey AF-7B A2-Batch **3CS4-22 OOP LAB** Dr Surendra Kr Yadav / Ms. Harshita Virwani AF-7A A3-Batch **3CS4-21 DSA LAB** Ms. Neha Shrotriya		**3CS3-04 DE** Ms.Sonam Gour	**3CS7-30 Ind. Training** Ms. Neha Shrotriya	**3CS1-03 MEFA** Ms.Kalpana Sharma	Activity

Time Table Coordinators: Dr.Nikita Jain, Dr.Abhishek Sharma, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-B

Class Location: AF-04
WEF: 16.08.2022
Tutor Name:Ms. Geeta Tiwari

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Tuesday 16.08.2022	**3CS2-01 AEM** Dr.Shuchi Dave	AF-11 B1-Batch **3CS4-24 DE Lab** Dr.Abhishek Sharma AF-1C B2- Batch **3CS4-23 SE Lab** Ms.Barkha Narang AF-8A B3-Batch **3CS4-22 OOP LAB** Ms. Harshita Virwani	**Tutor Interaction(Activity)** Ms.Geeta Tiwari		**HoD/Dy HoD Interaction** Dr Surendra Kr Yadav / Mr. Manish Dubey	AF-7A B1-Batch **3CS4-21 DSA LAB** Ms.Geeta Tiwari AF-11 B2- Batch **3CS4-24 DE Lab** Dr.Abhishek Sharma AF-1C B3-Batch **3CS4-23 SE Lab** Ms.Barkha Narang	**Placement Interaction** Ms.Geeta Tiwari	Activity
Wednesday 17.08.2022	**3CS7-30 Ind. Training** Ms. Archika Jain	AF-1C B1-Batch **3CS4-23 SE Lab** Ms.Barkha Narang AF-8A B2- Batch **3CS4-22 OOP LAB** Ms. Harshita Virwani AF-7A B3-Batch **3CS4-21 DSA LAB** Ms.Geeta Tiwari	**NSP Interaction** Ms. Archika Jain	LUNCH	**Tutor Interaction(Activity)** Ms.Geeta Tiwari	**3CS3-04 DE** Dr.Abhishek Sharma	**3CS4-07 SE** Ms.Barkha Narang	Activity
Thrusday 18.08.2022	**3CS4-06 OOP** Ms. Harshita Virwani	**Internship Interaction** Ms.Geeta Tiwari	**3CS4-05 DSA** Ms.Geeta Tiwari		AF-8A B1-Batch **3CS4-22 OOP LAB** Ms. Harshita Virwani AF-7A B2- Batch **3CS4-21 DSA LAB** Ms.Geeta Tiwari AF-11 B3-Batch **3CS4-24 DE Lab** Dr.Abhishek Sharma	**3CS1-03 MEFA** Ms.Kalpana Sharma	**NPTEL Interaction** Ms. Harshita Virwani	Activity

Time Table Coordinators: Dr.Nikita Jain, Dr.Abhishek Sharma, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-C

Class Location: CF-04
WEF: 16.08.2022
Tutor Name:Ms. Shirish Mohan Dubey

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Tuesday 16.08.2022	AF-1A C1-Batch **3CS4-22 OOP LAB** Mr.Shirish M Dubey AF-11 C2-Batch **3CS4-24 DE Lab** Dr.Gajanand Gupta AF-7B C3-Batch **3CS4-21 DSA LAB** Mr.Suresh Vyas	**Tutor Interaction(Activity)** Mr.Shirish M Dubey	AF-7B C1-Batch **3CS4-21 DSA LAB** Mr.Suresh Vyas AF-1C C2-Batch **3CS4-23 SE Lab** Dr. Nikita Jain AF-7A C3-Batch **3CS4-22 OOP LAB** Mr.Shirish M Dubey		**Placement Interaction** Mr.Shirish M Dubey	**3CS2-01 AEM** Dr.Shuchi Dave	**NSP Interaction** Ms. Archika Jain	Activity
Wednesday 17.08.2022	**NPTEL Interaction** Ms. Harshita Virwani	**Tutor Interaction(Activity)** Mr.Shirish M Dubey	**3CS4-07 SE** Dr. Nikita Jain	LUNCH	AF-11 C1-Batch **3CS4-24 DE Lab** Dr.Gajanand Gupta AF-7B C2-Batch **3CS4-21 DSA LAB** Mr.Suresh Vyas AF-1C C3-Batch **3CS4-23 SE Lab** Dr. Nikita Jain	**3CS4-06 OOP** Mr.Shirish M Dubey	**3CS4-05 DSA** Mr.Suresh Vyas	Activity
Thrusday 18.08.2022	AF-1C C1-Batch **3CS4-23 SE Lab** Dr. Nikita Jain AF-1A C2-Batch **3CS4-22 OOP LAB** Mr.Shirish M Dubey AF-11 C3-Batch **3CS4-24 DE Lab** Dr.Gajanand Gupta	**HoD/Dy HoD Interaction** Dr Surendra Kr Yadav / Mr. Manish Dubey	**3CS1-03 MEFA** Ms.Kalpana Sharma		**3CS7-30 Ind. Training** Ms. Barkha Narang	**3CS3-04 DE** Dr.Gajanand Gupta	**Internship Interaction** Mr.Shirish M Dubey	Activity

Time Table Coordinators: Dr.Nikita Jain, Dr.Abhishek Sharma, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-A

Class Location: AS-03
WEF: 17.08.2022
Tutor Name:Dr. Gajanand Gupta

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**OE**	AF-1B A1-Batch 7CS4-21 IOT LAB Dr.Divya Jain A2-Batch 7CS7-40 Seminar Mr. Manish Choubisa AF-7A A3-Batch 7CS4-22 C.S Lab Dr.Gajanand Gupta			Project (Guide Interaction) AF-1A A2-Batch 7CS4-22 C.S Lab Dr.Gajanand Gupta AF-1B A3-Batch 7CS4-21 IOT LAB New Faculty (D)		7CS4-01 IOT Dr.Divya Jain	Activity
Tues	***OE***	7CS4-01 IOT Dr.Divya Jain	AF-1A A1-Batch **7CS4-22 C.S Lab** AF-1B A2-Batch **7CS4-21 IOT LAB** A3-Batch **7CS7-40 Seminar**		AF-1A A1-Batch 7CS4-22 C.S Lab Dr.Gajanand Gupta Project (Guide Interaction) AF-1B A3-Batch 7CS4-21 IOT LAB New Faculty (D)		AF-1A A1-Batch **7CS4-22 C.S Lab** AF-1B A2-Batch **7CS4-21 IOT LAB** A3-Batch **7CS7-40 Seminar**	Activity
Wed	**OE**	AF-1B A1-Batch 7CS4-21 IOT LAB Dr.Divya Jain AF-1A A2-Batch 7CS4-22 C.S Lab Dr.Gajanand Gupta Project (Guide Interaction)			**7CS4-01 IOT** Dr.Divya Jain	7CS7-40 Seminar A1-Batch Mr. Manish Choubisa AF-1B A2-Batch 7CS4-21 IOT LAB Dr.Divya Jain AF-7A A3-Batch 7CS4-22 C.S Lab Dr.Gajanand Gupta		7CS7-30 Industrial Training New Faculty(G)
Thur								
Fri								
Sat								

Time Table Coordinators: Dr.Nikita Jain, Dr.Abhishek Sharma, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Vice Principal, PCE, Director, PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-B

Class Location: AS-04
WEF: 17.08.2022
Tutor Name:Ms. Barkha Narang

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**OE**	AF-1A B1- Batch 7CS4-22 C.S Lab Dr Kamlesh Gautam AF-8B B2- Batch 7CS4-21 IOT LAB Mr. Manish Dubey B3- Batch 7CS7-40 Seminar New Faculty(J)			7CS4-01 IOT Mr. Manish Dubey	B1- Batch 7CS7-40 Seminar New Faculty(J) AF-1C B2- Batch 7CS4-22 C.S Lab Dr.Geeta Tiwari AF-8B B3- Batch 7CS4-21 IOT LAB Mr. Manish Dubey		Activity
Tues	**OE**	Project (Guide Interaction) AF-8B B2- Batch 7CS4-21 IOT LAB Mr. Manish Dubey AG-24 B3- Batch 7CS4-22 C.S Lab Dr.Geeta Tiwari			7CS4-01 IOT Mr. Manish Dubey	AF-1C B1- Batch 7CS4-22 C.S Lab Dr Kamlesh Gautam AF-1D B2- Batch 7CS4-22 C.S Lab Dr.Geeta Tiwari AF-8B B3- Batch 7CS4-21 IOT LAB Mr. Manish Dubey		Activity
Wed	**OE**	AF-8B B1- Batch 7CS4-21 IOT LAB Mr. Manish Dubey AF-14 B2- Batch 7CS7-40 Seminar New Faculty(J) Project (Guide Interaction)			7CS4-01 IOT Mr. Manish Dubey	AF-8B B1- Batch 7CS4-21 IOT LAB Mr. Manish Dubey Project (Guide Interaction) AG-24 B3- Batch 7CS4-22 C.S Lab Dr.Geeta Tiwari		7CS7-30 Industrial Training New Faculty(H)
Thur								
Fri								
Sat								

Time Table Coordinators: Dr.Nikita Jain, Dr.Abhishek Sharma, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-C

Class Location: CS-19
WEF: 17.08.2022
Tutor Name:Dr. Abhishek Sharma

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**OE**	Project (Guide Interaction) AF-1C C2-Batch 7CS4-21 IOT LAB Ms.Apoorva Bansal AF-1D C3-Batch 7CS4-22 C.S Lab New Faculty (F)			C1-Batch 7CS7-40 Seminar New Faculty(K) AF-1D C2-Batch 7CS4-21 IOT LAB Ms.Apoorva Bansal AF-7A C3-Batch 7CS4-22 C.S Lab New Faculty (F)		7CS4-01 IOT Ms.Apoorva Bansal	Activity
Tues	**OE**	AF-1D C1-Batch 7CS4-22 C.S Lab New Faculty (F) C2-Batch 7CS7-40 Seminar New Faculty(K) AF-1C C3-Batch 7CS4-21 IOT LAB Ms.Apoorva Bansal			7CS4-01 IOT Ms.Apoorva Bansal	AF-7A C1-Batch 7CS4-22 C.S Lab New Faculty (F) Project (Guide Interaction) AG-24 C3-Batch 7CS4-21 IOT LAB Ms.Apoorva Bansal		Activity
Wed	**OE**	AF-1D C1-Batch 7CS4-21 IOT LAB Ms.Apoorva Bansal AF-7A C2-Batch 7CS4-22 C.S Lab New Faculty (F) C3-Batch 7CS7-40 Seminar New Faculty(K)			7CS4-01 IOT Ms.Apoorva Bansal	AF-1C C1-Batch 7CS4-21 IOT LAB Ms.Apoorva Bansal AF-1D C2-Batch 7CS4-22 C.S Lab New Faculty (F) Project (Guide Interaction)		7CS7-30 Industrial Training New Faculty(I)
Thur								
Fri								
Sat								

Time Table Coordinators: Dr.Nikita Jain, Dr.Abhishek Sharma, Mr.Manish Dubey Dy.HoD(Academics), Dr. Surendra Kumar Yadav, HoD, CE
Vice Principal, PCE, Director, PCE

9.2 Academic Time Table

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-A

Class Location: CF-04
WEF: 18.08.2022
Tutor Name: Mr. Rohit Singh Rajput

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**3CS4-06 OOP** Ms.Shilpa Kalra	**3CS2-01 AEM** Dr.Shilpi Jain	**3CS3-04 DE** Ms. Sonam Gour	LUNCH	3CS2-01 AEM Tut A1-Batch AF-11 3CS4-24 DE Lab A1-Batch Ms. Sonam Gour AF-8A 3CS4-22 OOP LAB A2-Batch Ms.Shilpa Kalra AF-7B 3CS4-21 DSA LAB A3-Batch Mr.Suresh Vyas			**C Language** Mr.Saransh Sharma / Ms.Shilpa Kalra
Tues	AF-1D 3CS4-21 DSA LAB A1-Batch Mr.Suresh Vyas AF-8A 3CS4-23 SE Lab A2-Batch Mr.Shirish M Dubey AF-1A 3CS4-22 OOP LAB A3-Batch Ms.Shilpa Kalra				**3CS1-03 MEFA** Ms.Kalpana Sharma	**3CS4-05 DSA** Mr.Suresh Vyas	**3CS2-01 AEM** Dr.Shilpi Jain	**Add on Course**
Wed	AF-7A 3CS4-23 SE Lab A1-Batch Mr.Shirish M Dubey AF-7B 3CS4-21 DSA LAB A2-Batch Mr.Suresh Vyas 3CS2-01 AEM Tut A3-Batch AF-11 3CS4-24 DE Lab A3-Batch Ms. Sonam Gour				**3CS4-07 SE** Mr.Shirish M Dubey	**3CS3-04 DE** Ms. Sonam Gour	**3CS4-05 DSA** Mr.Suresh Vyas	**C Language** Mr.Saransh Sharma / Ms.Shilpa Kalra
Thur	**3CS7-30 Ind. Training** Dr. Anushya Aruldhas	**3CS4-07 SE** Mr.Shirish M Dubey	**3CS4-06 OOP** Ms.Shilpa Kalra		AS-2B 3CS4-22 OOP LAB A1-Batch Ms.Shilpa Kalra 3CS2-01 AEM Tut A2-Batch AF-11 3CS4-24 DE Lab A2-Batch Ms. Sonam Gour AF-8B 3CS4-23 SE Lab A3-Batch Mr.Shirish M Dubey			**Add on Course**
Fri	**3CS2-01 AEM** Dr.Shilpi Jain	**3CS3-04 DE** Ms. Sonam Gour	**3CS4-07 SE** Mr.Shirish M Dubey		**3CS1-03 MEFA** Ms.Kalpana Sharma	**3CS4-06 OOP** Ms.Shilpa Kalra	**3CS4-05 DSA** Mr.Suresh Vyas	**C Language** Mr.Saransh Sharma / Ms.Shilpa Kalra
Sat	**I3 ACTIVITY** Mr Dinesh Chandra Sharma	I3 ACTIVITY			I3 Activity			

Time Table Coordinators , HOD, Vice Principal, Director PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-B

Class Location: CF-05
WEF: 18.08.2022
Tutor Name: Ms. Geeta Tiwari

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	3CS4-07 SE Ms.Barkha Narang	3CS4-06 OOP Mr. Sanjay Kumar Gupta	3CS1-03 MEFA Ms.Kalpana Sharma		3CS7-30 Ind. Training Dr. Nikita Jain	3CS2-01 AEM Dr.Shuchi Dave	3CS4-05 DSA Ms.Geeta Tiwari	C Language Mr.Saransh Sharma / Ms.Shilpa Kalra
Tues	3CS3-04 DE Dr. Abhishek Sharma	3CS4-07 SE Ms.Barkha Narang	3CS4-05 DSA Ms.Geeta Tiwari		AF-11 B1-Batch 3CS2-01 AEM Tut / 3CS4-24 DE Lab Dr. Abhishek Sharma AF-8A 3CS4-22 OOP LAB B2- Batch Mr. Sanjay Kumar Gupta AF-1D 3CS4-21 DSA LAB B3-Batch Ms.Geeta Tiwari			Add on Course
Wed	3CS4-07 SE Ms.Barkha Narang	3CS3-04 DE Dr. Abhishek Sharma	3CS4-06 OOP Mr. Sanjay Kumar Gupta	LUNCH	AF-1A 3CS4-22 OOP LAB B1-Batch Mr. Sanjay Kumar Gupta AF-11 3CS4-24 DE Lab B2- Batch Dr. Abhishek Sharma / 3CS2-01 AEM Tut B2- Batch AF-1C 3CS4-23 SE Lab B3-Batch Ms.Barkha Narang			C Language Mr.Saransh Sharma / Ms.Shilpa Kalra
Thur	3CS3-04 DE Dr. Abhishek Sharma	3CS2-01 AEM Dr.Shuchi Dave	3CS1-03 MEFA Ms.Kalpana Sharma		AF-1D 3CS4-21 DSA LAB B1-Batch Ms.Geeta Tiwari AF-1C 3CS4-23 SE Lab B2- Batch Ms.Barkha Narang AF-11 3CS4-24 DE Lab B3-Batch Dr. Abhishek Sharma / 3CS2-01 AEM Tut B3-Batch			Add on Course
Fri	3CS2-01 AEM Dr.Shuchi Dave	3CS4-06 OOP Mr. Sanjay Kumar Gupta	3CS4-05 DSA Ms.Geeta Tiwari		AF-8B 3CS4-23 SE Lab B1-Batch Ms.Barkha Narang AF-7A 3CS4-21 DSA LAB B2- Batch Ms.Geeta Tiwari AF-8A 3CS4-22 OOP LAB B3-Batch Mr. Sanjay Kumar Gupta			C Language Mr.Saransh Sharma / Ms.Shilpa Kalra
Sat	I3 ACTIVITY Mr Dinesh Chandra Sharma	I3 ACTIVITY			I3 Activity			

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
III-C

Class Location: CF-03
WEF: 18.08.2022
Tutor Name: Mr. Shirish Mohan Dubey

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	3CS4-05 DSA Ms Anuradha Raheja	3CS1-03 MEFA Ms.Kalpana Sharma	3CS2-01 AEM Dr.Shuchi Dave		3CS4-06 OOP Mr. Nimish Arvind	3CS4-07 SE Dr. Nikita Jain	3CS4-05 DSA Ms Anuradha Raheja	C Language Mr.Saransh Sharma / Ms.Shilpa Kalra
Tues	3CS7-30 Ind. Training Dr. Anushya Arulidhas	3CS4-06 OOP Mr. Nimish Arvind	3CS2-01 AEM Dr.Shuchi Dave		3CS3-04 DE Dr. Gajanand Gupta	3CS4-07 SE Dr. Nikita Jain	3CS1-03 MEFA Ms.Kalpana Sharma	Add on Course
Wed	3CS3-04 DE Dr. Gajanand Gupta	3CS2-01 AEM Dr.Shuchi Dave	3CS4-06 OOP Mr. Nimish Arvind	LUNCH	AF-8A 3CS4-22 OOP LAB C1-Batch Mr. Nimish Arvind AF-1D 3CS4-21 DSA LAB C2-Batch Ms Anuradha Raheja C3-Batch 3CS2-01 AEM Tut / 3CS4-24 DE Lab C3-Batch Dr. Gajanand Gupta			C Language Mr.Saransh Sharma / Ms.Shilpa Kalra
Thur	AF-1C 3CS4-23 SE Lab C1-Batch Dr. Nikita Jain C2-Batch 3CS2-01 AEM Tut / 3CS4-24 DE Lab C2-Batch Dr. Gajanand Gupta AF-1D 3CS4-21 DSA LAB C3-Batch Ms Anuradha Raheja				C1-Batch 3CS2-01 AEM Tut / AF-12 3CS4-24 DE Lab C1-Batch Dr. Gajanand Gupta AF-8A 3CS4-22 OOP LAB C2-Batch Mr. Nimish Arvind AF-7A 3CS4-23 SE Lab C3-Batch Dr. Nikita Jain			Add on Course
Fri	3CS4-05 DSA Ms Anuradha Raheja	3CS3-04 DE Dr. Gajanand Gupta	3CS4-07 SE Dr. Nikita Jain		AF-1D 3CS4-21 DSA LAB C1-Batch Ms Anuradha Raheja AF-1C 3CS4-23 SE Lab C2-Batch Dr. Nikita Jain AF-8A 3CS4-22 OOP LAB C3-Batch Mr. Nimish Arvind			C Language Mr.Saransh Sharma / Ms.Shilpa Kalra
Sat	I3 ACTIVITY Mr.Shirish M Dubey	I3 ACTIVITY			I3 Activity			

Time Table Coordinators , HOD, Vice Principal, Director PCE

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Sitapura, JAIPUR

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-A

Class Location: CS-03
WEF: 20.09.2022
Tutor Name: Ms. Archika Jain

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**5CS5-12 HCI(Batch-1)** Mr.Devendra Nath Pathak	**5CS4-02 CD** Mr.Saransh Sharma	**5CS4-03 OS** Mr Dinesh Chandra Sharma		CS-16A 5CS4-23 AOA LAB A1-Batch Dr. Ajay Kumar Khunteta AF-7A 5CS4-22 CD LAB A2-Batch Mr.Saransh Sharma AF-1B 5CS4-21 CGM LAB A3-Batch Dr.Veena Yadav		**5CS4-03 OS** Mr Dinesh Chandra Sharma	**Add on Course** Mr. Manish Choubisa
Tues	**5CS5-12 HCI(Batch-1)** Mr.Devendra Nath Pathak	**5CS4-02 CD** Mr.Saransh Sharma	**5CS4-04 CGM** Dr.Veena Yadav		AG-24 5CS4-21 CGM LAB A1-Batch Dr.Veena Yadav CS-16B 5CS4-24 ADV JAVA LAB A2-Batch Dr. Geeta Gandhi CS-16A 5CS4-23 AOA LAB A3-Batch Dr. Ajay Kumar Khunteta		**5CS4-02 CD** Mr.Saransh Sharma	CS-05 **Add on Course** Mr.Saransh Sharma
Wed	**5CS4-03 OS** Mr Dinesh Chandra Sharma	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-04 CGM** Dr.Veena Yadav	LUNCH	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	CS-16B 5CS4-24 ADV JAVA LAB A1-Batch Dr. Geeta Gandhi CS-16A 5CS4-23 AOA LAB A2-Batch Dr. Ajay Kumar Khunteta AF-1B 5CS4-22 CD LAB A3-Batch Mr.Saransh Sharma		NSP
Thur	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	**5CS7-30 IND. TRAINING** Mr. Manish Dubey	**5CS4-04 CGM** Dr.Veena Yadav		AF-1A 5CS4-22 CD LAB A1-Batch Mr.Saransh Sharma AF-7B 5CS4-21 CGM LAB A2-Batch Dr.Veena Yadav CS-16B 5CS4-24 ADV JAVA LAB A3-Batch Dr. Geeta Gandhi		**5CS4-02 CD** Mr.Saransh Sharma	**Activity**
Fri	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-04 CGM** Dr.Veena Yadav		**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-03 OS** Mr Dinesh Chandra Sharma	**5CS4-05 AOA** Dr. Ajay Kumar Khunteta	NSP
Sat	**I3 ACTIVITY** Mr Dinesh Chandra Sharma	I3 ACTIVITY			I3 Activity			

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-B

Class Location: CS-04
WEF: 20.09.2022
Tutor Name: Mr. D.N. Pathak

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**5CS5-11 WCN** Dr. Gajanand Gupta	**5CS4-02 CD** Dr. Vishnu Sharma	**5CS3-01 ITC** Mr.Devendra Nath Pathak		**5CS4-03 OS** Ms.Neha Shrotriya	**5CS4-05 AOA** Ms. Archika Jain	**5CS4-03 OS** Ms.Neha Shrotriya	**Activity**
Tues	**5CS5-11 WCN** Dr. Gajanand Gupta	**5CS4-02 CD** Dr. Vishnu Sharma	**5CS3-01 ITC** Mr.Devendra Nath Pathak		**5CS4-05 AOA** Ms. Archika Jain	CS-16C 5CS4-21 CGM LAB B1-Batch Dr. Anushya Aruldhas CS-16A 5CS4-22 CD LAB B2-Batch Dr. Vishnu Sharma AF-7B 5CS4-23 AOA LAB B3-Batch Ms. Archika Jain		NSP
Wed	**5CS4-05 AOA** Ms. Archika Jain	CS-16A 5CS4-22 CD LAB B1-Batch Dr. Vishnu Sharma CS-16C 5CS4-21 CGM LAB B2-Batch Dr. Anushya Aruldhas CS-16D 5CS4-24 ADV JAVA LAB B3-Batch Dr. Geeta Gandhi		LUNCH	**5CS4-03 OS** Ms.Neha Shrotriya	**5CS4-04 CGM** Dr. Anushya Aruldhas	**5CS4-02 CD** Dr. Vishnu Sharma	**Add on Course** Mr. Manish Choubisa
Thur	**5CS4-05 AOA** Ms. Archika Jain	AF-1B 5CS4-23 AOA LAB B1-Batch Ms. Archika Jain CS-16D 5CS4-24 ADV JAVA LAB B2-Batch Dr. Geeta Gandhi CS-16C 5CS4-21 CGM LAB B3-Batch Dr. Anushya Aruldhas			**5CS4-04 CGM** Dr. Anushya Aruldhas	**5CS3-01 ITC** Mr.Devendra Nath Pathak	**5CS4-04 CGM** Dr. Anushya Aruldhas	CF-05 **Add on Course** Mr.Saransh Sharma
Fri	**5CS4-03 OS** Ms.Neha Shrotriya	**5CS4-04 CGM** Dr. Anushya Aruldhas	**5CS4-02 CD** Dr. Vishnu Sharma		CS-16D 5CS4-24 ADV JAVA LAB B1-Batch Dr. Geeta Gandhi AF-1D 5CS4-23 AOA LAB B2-Batch Ms. Archika Jain CS-16A 5CS4-22 CD LAB B3-Batch Dr. Vishnu Sharma		**5CS7-30 IND. TRAINING** Dr. Shiv Kumar Agarwal	NSP
Sat	**I3 ACTIVITY** Mr Dinesh Chandra Sharma	I3 ACTIVITY			I3 Activity			

Time Table Coordinators , HOD, Vice Principal, Director PCE

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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
V-C

Class Location: CS-13
WEF: 20.09.2022
Tutor Name: Ms. Neha Shrotriya

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**5CS5-12 HCI(Batch-2)** Mr. Sanjay Kumar Gupta	AF-1D C1-Batch 5CS4-22 CD LAB Ms.Neha Shrotriya AF-1A C2-Batch 5CS4-21 CGM LAB Ms. Prachi Sharma C3-Batch 5CS4-23 AOA LAB CS-16B Dr. Rakesh Kumar Saxena		LUNCH	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-03 OS** Ms Archana Soni	**5CS4-04 CGM** Ms. Prachi Sharma	NSP
Tues	**5CS5-12 HCI(Batch-2)** Mr. Sanjay Kumar Gupta	C1-Batch 5CS4-23 AOA LAB CS-16B Dr. Rakesh Kumar Saxena AF-8B C2-Batch 5CS4-24 ADV JAVA LAB Ms. Archika Jain AF-1C C3-Batch 5CS4-22 CD LAB Ms.Neha Shrotriya			**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	**5CS3-01 ITC** Ms. Prachi Sharma	**5CS4-02 CD** Ms.Neha Shrotriya	AF-03 **Add on Course** Mr.Suchit Bhai Patel
Wed	**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	AF-1B C1-Batch 5CS4-24 ADV JAVA LAB Ms. Archika Jain AG-24 C2-Batch 5CS4-22 CD LAB Ms.Neha Shrotriya AF-1C C3-Batch 5CS4-21 CGM LAB Ms. Prachi Sharma			**5CS4-04 CGM** Ms. Prachi Sharma	**5CS4-03 OS** Ms Archana Soni	**5CS4-02 CD** Ms.Neha Shrotriya	NSP
Thur	**5CS4-03 OS** Ms Archana Soni	AG-24 C1-Batch 5CS4-21 CGM LAB Ms. Prachi Sharma C2-Batch 5CS4-23 AOA LAB CS-16B Dr. Rakesh Kumar Saxena AF-8A C3-Batch 5CS4-24 ADV JAVA LAB Ms. Archika Jain			**5CS4-04 CGM** Ms. Prachi Sharma	**5CS4-02 CD** Ms.Neha Shrotriya	**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	**Activity**
Fri	**5CS4-03 OS** Ms Archana Soni	**5CS7-30 IND. TRAINING** Dr. Nikita Jain	**5CS3-01 ITC** Ms. Prachi Sharma		**5CS4-05 AOA** Dr. Rakesh Kumar Saxena	**5CS4-04 CGM** Ms. Prachi Sharma	**5CS4-02 CD** Ms.Neha Shrotriya	**Add on Course** Mr. Manish Choubisa
Sat	**I3 ACTIVITY** Ms.Neha Shrotriya	I3 ACTIVITY			I3 Activity			

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-A

Class Location: AS-03
WEF: 18.08.2022
Tutor Name: Mr. Manish Choubisa

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**OE** Mr. Manish Choubisa / Ms.Geeta Tiwari	A1-Batch AF-8A 7CS4-21 IOT LAB Ms. Garima Angira A2-Batch AF-7A 7CS7-30 Industrial Training Mr. Manish Choubisa A3-Batch AS-2C 7CS4-22 C.S Lab Mr.Rohit Singh		LUNCH	**7CS4-01 IOT** Ms. Garima Angira	AF-1A A1-Batch 7CS4-22 C.S Lab Mr.Rohit Singh AF-7A A2-Batch 7CS7-40 Seminar Mr. Manish Choubisa AS-2C A3-Batch 7CS4-21 IOT LAB Ms. Garima Angira		**Project**
Tues	**OE** Mr. Manish Choubisa / Ms.Geeta Tiwari	A1-Batch AF-7A 7CS7-40 Seminar Mr. Manish Choubisa A2-Batch AS-2A 7CS4-22 C.S Lab Mr.Rohit Singh A3-Batch AS-2C 7CS4-21 IOT LAB Ms. Garima Angira			AF-1B A1-Batch 7CS4-21 IOT LAB Ms. Garima Angira A2-Batch AS-2A 7CS4-22 C.S Lab Mr.Rohit Singh AF-7A A3-Batch 7CS7-30 Industrial Training Ms.Barkha Narang		**7CS4-01 IOT** Ms. Garima Angira	**Project**
Wed	**OE** Mr. Manish Choubisa Ms.Geeta Tiwari	A1-Batch AF-1A 7CS4-22 C.S Lab Mr.Rohit Singh A2-Batch AS-2C 7CS4-21 IOT LAB Ms. Garima Angira A3-Batch AF-7A 7CS7-40 Seminar Mr. Manish Choubisa			A1-Batch AF-7A 7CS7-30 Industrial Training Mr. Manish Choubisa A2-Batch AS-2C 7CS4-21 IOT LAB Ms. Garima Angira A3-Batch AF-14 7CS4-22 C.S Lab Mr.Rohit Singh		**7CS4-01 IOT** Ms. Garima Angira	**Project**
Thur								
Fri								
Sat								

Time Table Coordinators , HOD, Vice Principal, Director PCE

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Poornima College of Engineering
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POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-B

Class Location: AS-04
WEF: 18.08.2022
Tutor Name: Ms. Barkha Narang

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**OE** Mr. Manish Choubisa / Ms.Geeta Tiwari	AF-1S 7CS4-22 C.S Lab B1- Batch Mr.Suchit Bhai Patel AF-8B 7CS4-21 IOT LAB B2- Batch Mr. Manish Dubey AF-1B 7CS7-30 Industrial Training B3- Batch Ms.Barkha Narang		LUNCH	AF-1C 7CS4-22 C.S Lab B1- Batch Mr.Suchit Bhai Patel AF-1B 7CS7-30 Industrial Training B2- Batch Mr.Suresh Vyas AF-8B 7CS4-21 IOT LAB B3- Batch Mr. Manish Dubey		**7CS4-01 IOT** Mr. Manish Dubey	**Project**
Tues	**OE** Mr. Manish Choubisa / Ms.Geeta Tiwari	CF-04 7CS4-21 IOT LAB B1- Batch Mr. Manish Dubey AF-IB 7CS7-40 Seminar B2- Batch Ms Archana Soni AF-11 7CS4-22 C.S Lab B3- Batch Mr.Suchit Bhai Patel			AF-IB 7CS7-40 Seminar B1- Batch Ms Archana Soni AS-2C 7CS4-22 C.S Lab B2- Batch Mr.Suchit Bhai Patel AF-8B 7CS4-21 IOT LAB B3- Batch Mr. Manish Dubey		**7CS4-01 IOT** Mr. Manish Dubey	**Project**
Wed	**OE** Mr. Manish Choubisa Ms.Geeta Tiwari	AF-8B 7CS4-21 IOT LAB B1- Batch Mr. Manish Dubey CS-05 7CS4-22 C.S Lab B2- Batch Mr.Suchit Bhai Patel AF-IB 7CS7-40 Seminar B3- Batch Ms Archana Soni			AF-1B 7CS7-30 Industrial Training B1- Batch Mr.Suresh Vyas AF-8B 7CS4-21 IOT LAB B2- Batch Mr. Manish Dubey AF-04 7CS4-22 C.S Lab B3- Batch Mr.Suchit Bhai Patel		**7CS4-01 IOT** Mr. Manish Dubey	**Project**
Thur								
Fri								
Sat								

Time Table Coordinators , HOD, Vice Principal, Director PCE

POORNIMA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
VII-C

Class Location: CS-19
WEF: 18.08.2022
Tutor Name: Mr. Suchit Bhai Patel

	1 8:00 - 9:00	2 9:00 - 10:00	3 10:00 - 11:00	LUNCH 11:00 - 11:50	4 11:50 - 12:50	5 12:50 - 13:50	6 13:50 - 14:50	7 15:00 - 16:00
Mon	**OE** Mr. Manish Choubisa Ms.Geeta Tiwari	AF-IB 7CS4-21 IOT LAB C1-Batch Ms Upma Kumari AS-2A 7CS4-22 C.S Lab C2-Batch Mr.Devendra Nath Pathak AF -1D 7CS7-30 Industrial Training C3-Batch Dr.Veena Yadav		LUNCH	AF-14 7CS4-22 C.S Lab C1-Batch Mr.Devendra Nath Pathak AF-1C 7CS7-40 Seminar C2-Batch Ms Archana Soni AF-IB 7CS4-21 IOT LAB C3-Batch Ms Upma Kumari		**7CS4-01 IOT** Ms Upma Kumari	**Project**
Tues	**OE** Mr. Manish Choubisa Ms.Geeta Tiwari	AF-1C 7CS7-40 Seminar C1-Batch Ms Archana Soni AF-03 7CS4-22 C.S Lab C2-Batch Mr.Devendra Nath Pathak AF-IB 7CS4-21 IOT LAB C3-Batch Ms Upma Kumari			AF-IB 7CS4-21 IOT LAB C1-Batch Ms Upma Kumari AF-1C 7CS7-30 Industrial Training C2-Batch Mr.Rohit Singh AF-14 7CS4-22 C.S Lab C3-Batch Mr.Devendra Nath Pathak		**7CS4-01 IOT** Ms Upma Kumari	**Project**
Wed	**OE** Mr. Manish Choubisa / Ms.Geeta Tiwari	AF-3C 7CS7-30 Industrial Training C1-Batch Mr.Rohit Singh AF-IB 7CS4-21 IOT LAB C2-Batch Ms Upma Kumari AF-8A 7CS4-22 C.S Lab C3-Batch Mr.Devendra Nath Pathak			AF-14 7CS4-22 C.S Lab C1-Batch Mr.Devendra Nath Pathak AF-IB 7CS4-21 IOT LAB C2-Batch Ms Upma Kumari AF-1C 7CS7-40 Seminar C3-Batch Ms Archana Soni		**7CS4-01 IOT** Ms Upma Kumari	**Project**
Thur								
Fri								
Sat								

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10 Course Outcome Attainment Process:

10.1 Course Outcome Attainment Process

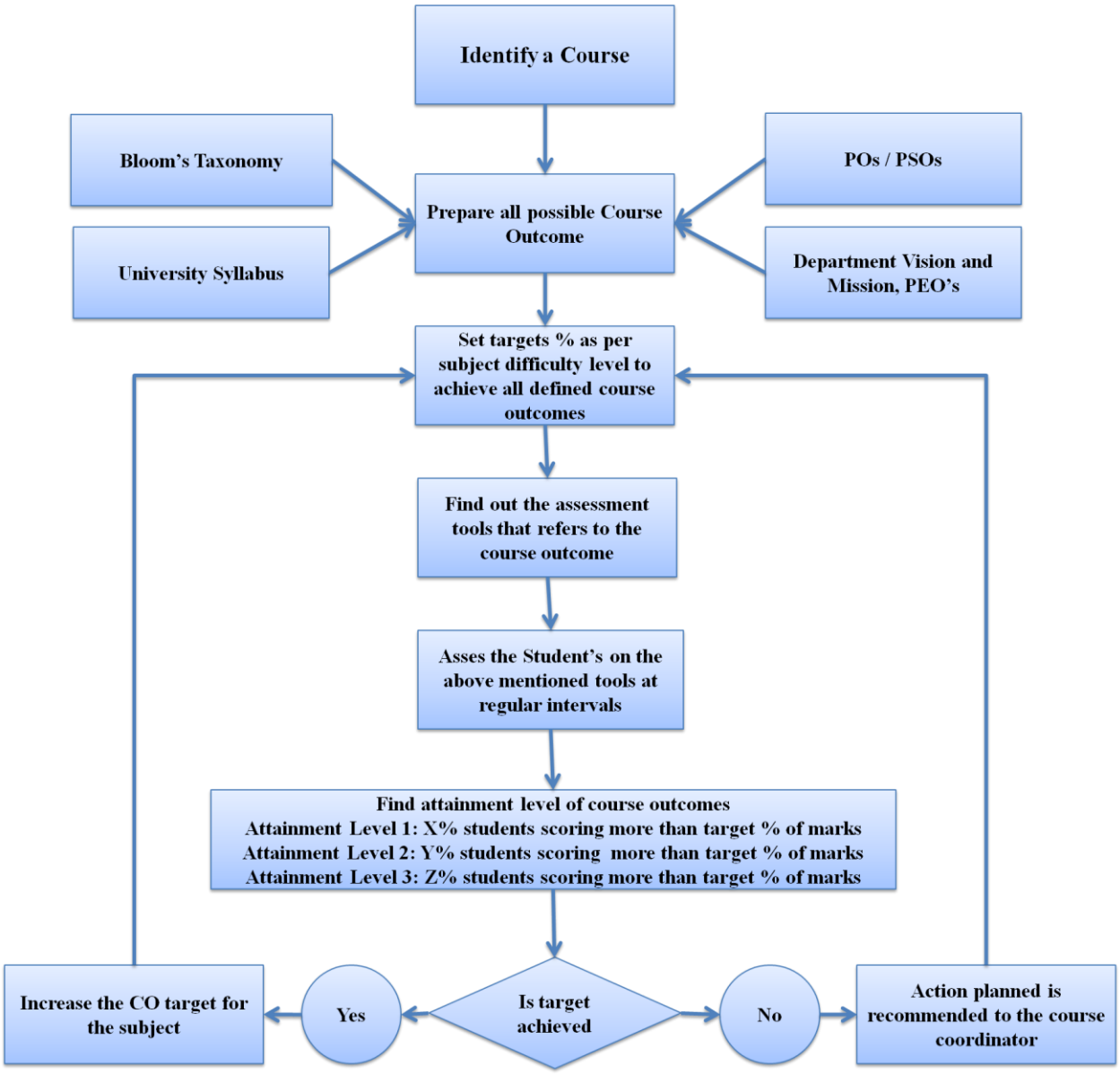

Figure. Course Outcome Attainment Process

10.2 List of CO & CO mapping with PO

S.No	Course Code Course Name	CO No	Course Outcomes (After completing the course students will be able to…...)		PO 2	PO 3	PO 4	PO5	PO6	PO7	PO8	PO9	PO10	PO 11	PO 12	PSO 1	PSO 2	PSO3
1	3CS2-01 Advanced Engineering Mathematics	CO 1	To Define probability models using probability mass (density) functions, need and classification of optimization terminology.	**1**	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		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	3CS1-03 Managerial Economics and Financial Accounting	CO 1	To Describe the fundamental concepts of Economics and Financial Management and define the meaning of national income, demand, supply, cost, market structure, and balance sheet.	-	-	-	-	-	1	-	-	-	2	3	1	-	-	-
		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	3CS3-04 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**	-
4	3CS4-05 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
5	3CS4-06 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
6	3CS4-07 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	-	-

6	5CS3-01 Information Theory & Coding	CO 1	Demonstrate the concept of information theory and entropy.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 2	Analyze the different coding techniques for efficient communication.	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-
		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
7	5CS4-02 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	-	-
8	5CS4-03 Operating System	CO 1	To demonstrate the knowledge of Operating System services including Memory, Device & File Management.	3	-	-	-	-	-	-	-	-	-	-	-	3	-	2
		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	-
9	5CS4-04 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	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2

			clipping															
		CO 4	Organize the primitives for Illumination, Shading and Color Models.(Evaluate)	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3
10	5CS4-05 Analysis of Algorithms	CO 1	To Apply algorithmic techniques like greedy method, dynamic programming etc for solving problems	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		CO 2	To compare the algorithms to find the optimal solution.	-	3	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO 3	To Create search functionality for the pattern matching algorithms.	-	-	3	-	-	-	-	-	-	-	-	-	2	2	-
		CO 4	To synthesize the types of algorithms classes such as P, NP, and NP Complete.	-	-	-	2	-	-	-	-	-	-	-	-	3	-	2
11	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	-	-
12	5CS5-12 Human Computer Interaction	CO1	To apply guidelines and imperical research method in HCI to Make User Friendly Computer Interface	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		CO2	To categorise Human Computer interction concept using GUI Design and Prototyping techniques	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-
		CO3	To design Task models and object oriented modeling for computer interface	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2
		CO4	To classify types of GOMS, Family model and LAWS	-	-	-	2	-	-	-	-	-	-	-	-	1	2	-
13	7CS4-01 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	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3

			&subscribe model.															
		CO 3	To Design prototypes for Internet of Things in real time applications.	-	-	3	-	-	-	-	-	-	-	-	-	-	**3**	-
		CO 4	To investigate solutions of complex problems using advance concepts of IOT & Big Data.	-	-	-	3	-	-	-	-	-	-	-	-	-	**2**	-
14	7CS6-60.1 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	-	-
			s															
15	7CS6-60.2 Cyber Security (Open Elective-1)s	CO 1	To Apply basic concepts of Cybercrime and legal Perspectives of Security Implications for Organizations in respect to the Mobile and Wireless Devices.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		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

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Lab: CO-PO Mapping (Session 2022-23)

S.No	Course Name	CO No	Course Outcomes (Students will able to...)	PO 1: Engineering knowledge: Apply the knowledge of mathematic	PO 2: Problem analysis: Identify, formulate, review resea	PO 3: Design/development of solutions: Design solutions	PO 4: Conduct investigations of complex problems: Use	PO 5: Modern tool usage: Create, select, and apply appr	PO 6: The engineer and society: Apply reasoning informed	PO 7: Environment and sustainability: Understand the impa	PO 8: Ethics: Apply ethical principles and commit to	PO 9: Individual and teamwork: Function effectively as an indivi	PO 10: Communication: Communicate effectively on	PO 11: Project management and finance: Demonstr	PO 12: Life-long learning: Recognize the need for, and	PSO1- The ability to understand and apply knowledge of mathematics	PSO2- The ability to understand the evolutionary changes in compu	PSO3- The ability to employ modern computing tools and
1	Data Structures and Algorithms Lab	LO1	To Utilize searching and sorting algorithms on given	2	-	-	-	2	-	-	-	-	2	-	-	2	-	-
		LO2	To analyze the time and space efficiency of the data	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-
		LO3	To Evalute traversing, insertion and deletion operations on Linear and non linear data structures	-	-	-	-	-	-	2	-	-	-	-	2	-	2	-
		LO4	To construct the solutions for real time applications	-	-	-	-	2	-	-	-	2	-	-	-	-	-	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Object Oriented Programming Lab	LO1	Students will able to apply the programming concepts such as inheritance, polymorphism	-	-	-	-	2	-	-	-	-	-	-	2	3	-	-
		LO2	Students will be able to distinguish the programming methodologies to implement programs	-	-	-	-	-	2	-	-	-	-	-	2	-	2	-
		LO3	Students will be able to explain the concepts to develop the structured programs.	-	-	-	-	-	-	2	-	-	-	-	2	-	-	3
		LO4	Students will be able to construct the solutions for real time problems	-	-	-	-	-	-	-	-	2	-	3	-	-	-	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Software Engineering Lab	LO1	Understand and explain the basic concepts of UML, design, test case implementation, and OOP concepts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		LO2	Discuss and analyze how to create software requirements specifications for a particular problem.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		LO3	Create Data Flow Diagrams for different systems.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		LO4	Understand and develop UML diagrams of various structures and behaviors.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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4	Digital Electronics Lab	LO1	Apply appropriate basic logic gates for verifying the	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	Demonstarte ability for recognizing any IC and its	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO3	Design any basic gates by the use of universal gates.	-	-	3	-	-	-	-	-	-	-	-	-	-	2	-
		LO4	Identify the limitation of basic logic gates while desgining any SOP and POS logics.	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
		LO5	Design any sequential and combinational circuits using basic gates as well as by defined IC.	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-
		LO6	Demonstrate the working of Digital Trainer kits and	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-
		LO7	Debug a circuit to find a problem and suggest suitable	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
		LO8	Able to work in a team for desgining and rectifying any errors in the digital circuit.	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2
5	Industrial Training	LO1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	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
		LO3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
		LO4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and entrepreneurship skills.	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
		LO5	Ability to identify, formulate and model problems and find engineering solution based on a systems approach.	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
		LO6	Capability and enthusiasm for self-improvement through continuous professional development and life-long learning	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
		LO7	Awareness of the social, cultural, global and environmental responsibility as an engineer.	-	-	-	-	-	-	3	2	-	-	-	-	-	2	-

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6	Computer Graphics & Multimedia Lab	LO1	to apply the concepts of transformation techniques on 2D & 3D objects.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	to analyze the colour modelling, shading and animation on graphic objects.	-	3	-	-	-	-	-	-	-	-	-	-	2	-	3
		LO3	to design the graphical premitives drawing algorithms such as line, circle drawing	-	-	3	-	-	-	-	-	-	-	-	-	2	-	3
		LO4	to Generate Fractal images using graphics tool	-	-	-	2	2	-	-	-	-	-	-	-	3	-	-
		LO5	to make a project to solve real life socity based problem and demonstrate following PO related capabilities: a. Improve team working skill b. Improve communication skill c. Improve ethics (i.e. plagiarism, copy others	-	-	-	-	-	3	3	3	3	3	3	3	3	2	3
7	Compiler Design Lab	LO1	To Analysis the finite state machines, lexical analyzer, parser for the grammar.	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-
		LO2	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	-	-
		LO3	To Design intermediate code genrator and converted into optimzed code	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-
		LO4	To demostrate hands on experience of working on system software.	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Analysis of Algorithms Lab	LO1	Apply sorting algorithms like quick sort for information searching.	3														
		LO2	Identify problems to be broken down into simple sub problems using merge sort				3											
		LO3	Device solutions using topological ordering to quickly compute shortest paths			2												
		LO4	Demonstrate real world scenarios like resourse allocation using knapack algorithm												2			
		LO5	algorithm to find the shortest path to other vertices					2										
		LO6	given undirected graph using kruskal's algorithm		3													

9	Advance Java Lab	LO1	To apply event handling on AWT and Swing	-	-	3	-	-	-	-	-	-	-	-	-	3	-	-
		LO2	To Design a page using Swing , Servlet , JSP and JDBC connectivity.	-	-	-	-	3	-	-	-	-	-	-	-	3	-	-
		LO3	To create a project based on societal problem.	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-
		LO4	To map Java classes and object associations to relational database tables with Hibernate mapping files	-	-	-	-	-	-	3	-	-	-	-	-	-	3	3
		LO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Industrial Training	LO1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	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
		LO3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
		LO4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
		LO5	Ability to identify, formulate and model problems and find engineering solution based on a systems	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
		LO6	Capability and enthusiasm for self-improvement through continuous professional development and	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
		LO7	Awareness of the social, cultural, global and environmental responsibility as an engineer.	-	-	-	-	-	-	3	2	-	-	-	-	-	2	-
11	Internet of Things Lab	LO1	to Define the various terminal commands used in developing IOT applications.	3	-	-	-	-	-	-	-	-	-	-	-	**2**	-	-
		LO2	to develop the python scripts used in IOT	-	3	-	-	-	-	-	-	-	-	-	-	-	-	**3**
		LO3	to apply the logics of IOT for designing IOT	-	-	3	-	-	-	-	-	-	-	-	-	-	**3**	-
		LO4	to make a project to solve real life socity based problem and demonstrate following PO related capabilities: a. Improve team working skill b. Improve communication skill c. Improve ethics (i.e. plagiarism, copy others	-	-	3	-	3	3	3	3	3	3	3	3	3	2	3
		LO5																
12	Cyber Security Lab	LO1	to analyse the data transferred and protocol using different security-based tools like Wire shark,	-	3	-	-	-	-	-	-	-	-	-	-	3	-	2
		LO2	to design the substitution and transposition techniques for plain text encryption and decryption.	-	-	3	-	-	-	-	-	-	-	-	-	2	-	3
		LO3	to observe ARP Poisoning, encryption and decryption techniques for secure data transmission across network using snort and digital signatures	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
		LO4	to Install appropriate tools for network protocol analyze security-based tools like Wire shark,	-	-	-	-	3	-	-	-	-	-	-	-	3	-	2
		LO5	to identify and describe a variety of ethical factors that may be relevant to understanding and assessing	-	-	-	-	-	-	-	3	-	-	-	-	2	3	-
		LO6	To Improve team working skill for desiging a solution for Key Exchange problem and general attacks on system like Diffie-Hellman Key Exchange, Brute	-	-	-	-	-	-	-	-	3	-	-	-	3	2	-
		LO7	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
13	Industrial Training	LO1	Capability to acquire and apply fundamental principles of engineering.	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		LO2	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
		LO3	Ability to communicate efficiently	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-
		LO4	Knack to be a multi-skilled engineer with good technical knowledge, management, leadership and	-	-	-	-	-	-	-	-	3	-	-	-	2	2	3
		LO5	Ability to identify, formulate and model problems and find engineering solution based on a systems	-	-	-	3	-	3	-	-	-	-	-	-	2	2	-
		LO6	Capability and enthusiasm for self-improvement through continuous professional development and	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3
		LO7	Awareness of the social, cultural, global and environmental responsibility as an engineer.	-	-	-	-	-	-	3	2	-	-	-	-	-	2	-

14	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	-	-	-	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	-
		LO5	Make use of new and recent technology including perdition and modeling to complex activities.	-	-	-	-	3	-	-	-	-	-	-	-	-	2	2

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Course File Sample

Outcome Based ProcessImplementationGuidelinesforFaculty

10.3 Labellingyourcoursefile

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

10.4 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

11 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**

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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:**LookforstrongmappingofcoursewithspecificPO(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)-**

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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.

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	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																

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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).

Sotheassessmentcanbeforallactivitieshelldduringthemonth.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.

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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).

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12 File Formats

12.1 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

12.2 Front Page of Course File

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: _____

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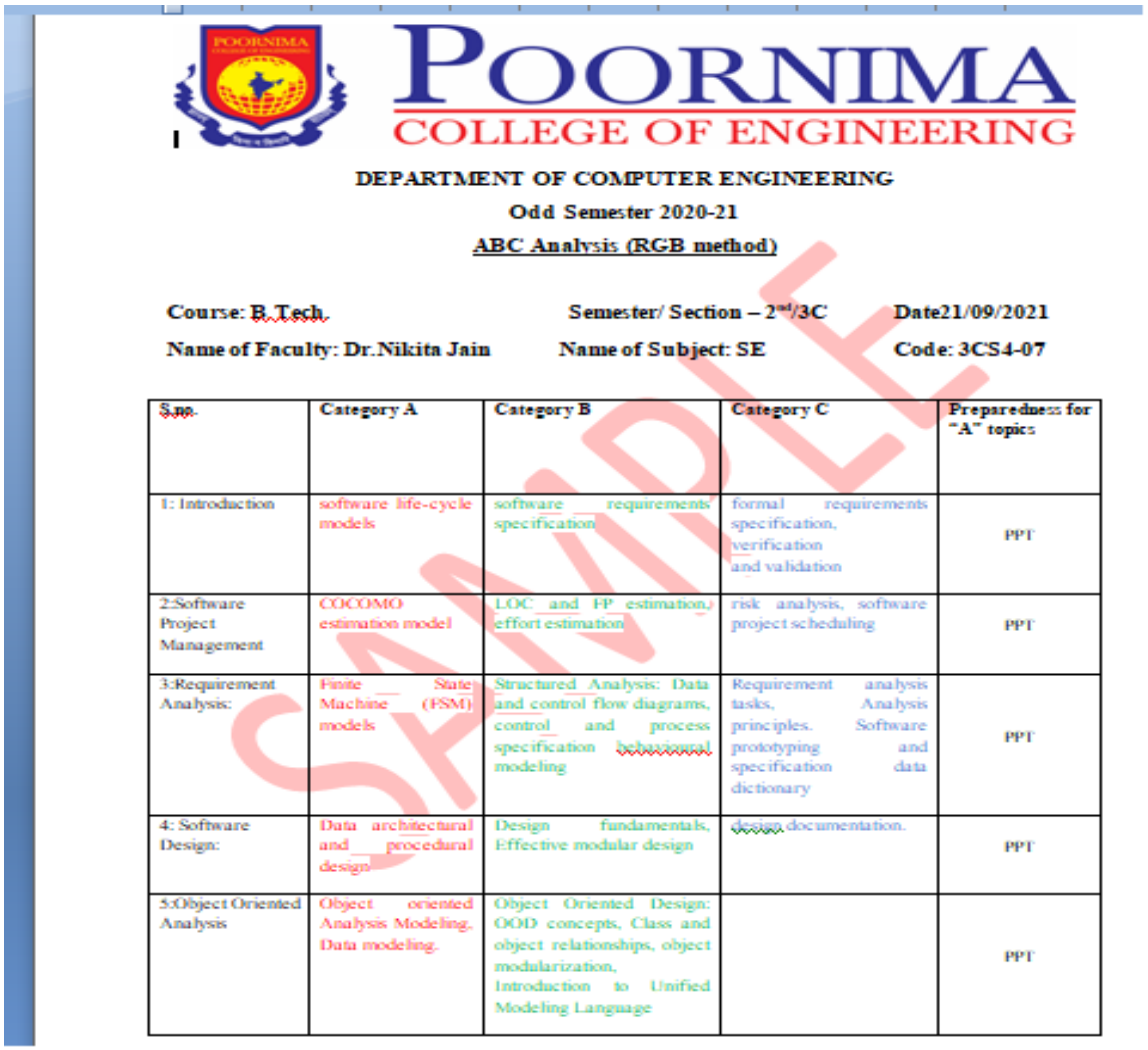
12.3 ABC Analysis Format



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

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Blown-up Format

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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

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12.4 Deployment Format

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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**						

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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:

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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.

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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

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12.5 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:

____

____

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12.5.1 Detailed Lecture Note Format-1

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

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

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12.5.2 Detailed Lecture Note Format-2

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

PAGE NO. .....

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12.6 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

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12.7 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			

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12.8 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				

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12.9 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 Credit: ___

Max. Time: 2 hrs. **Max. Marks: 60**

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	PO
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			

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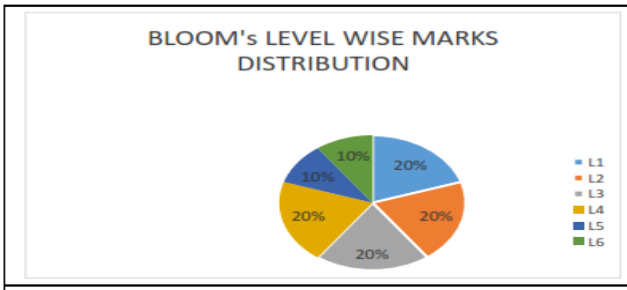

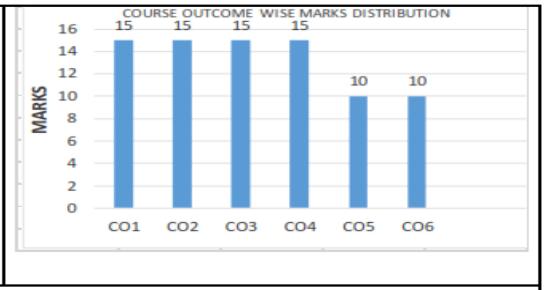

BL – Bloom's Taxonomy Levels (1- Remembering, 2- Understanding, 3 – Applying, 4 – Analyzing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes; PO – Program Outcomes

13. 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

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19	http://pce.poornima.org/Downloads.html	Academic Formats Word File
Note:- Required Credentials can be taken from Respective Department Heads		