POORNIMA
COLLEGE OF ENGINEERING

DEPARTMENT OF FIRST YEAR

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

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

Table 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 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 First Year, 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 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	● Draft preparation for DAC and CDP for upcoming semester

		First Week	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 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	● Inclusion of suggestions for revising gaps

		Last Week	● 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
7.	PAC-7	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
8.	PAC-8	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 ● Prepared regular report of program for all assessment, attainment & gaps
9.	PAC-9	March 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	April 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	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 ● 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

3 List of Faculty Members& Technical Staff

S. No.	College Emp. ID	Session	Name of the Faculty Member	MobilePhone	Exact Designation	Date of Joining	Course	Department
1	1204	2023-24	DR. REKHA NAIR	9928015794	PROFESSOR	21-Jul-01	Chemistry	**Applied Science**
2	1295	2023-24	Dr. ANURIKA MEHTA	9460765028	PROFESSOR		Chemistry	**Applied Science**
3	2365	2023-24	DR. MEENA TEKRIWAL	9413928194	ASSOCIATE PROFESSOR	28-Apr-11	Chemistry	**Applied Science**
4	3012	2023-24	MS. RIDDHI SHRIVASTAVA	9785216549	ASST PROFESSOR	02-Jan-17	Chemistry	**Applied Science**
5	2936	2023-24	MR. DINESH CHANDRA SHARMA	9928451003	ASST PROFESSOR		Chemistry	**Applied Science**
6	7140	2023-24	MR. NAVEEN SHARMA	8079068521	ASST PROFESSOR	19-Dec-22	Chemistry	**Applied Science**
7	1283	2023-24	MR. VEDANSHU VASHISTHA	9462068178	ASST PROFESSOR	15-Jan-18	Chemistry	**Applied Science**
8	5767	2023-24	DR. SIDDHARTH	8709065124	ASSOCIATE PROFESSOR	11-Jul-22	Civil	**Civil**
9	6962	2023-24	DR. MAYANK GUPTA	7007329509	ASST PROFESSOR	02-Jul-21	Civil	**Civil**
10	3713	2023-24	MR. LAXMIKANT SAINI		ASST PROFESSOR	16-Sep-21	Civil	**Civil**
11	6880	2023-24	MR. BHAGIRATH CHOUHAN	9829275869	ASST PROFESSOR	03-Jan-22	PPS	**ADV COMP**
12	3682	2023-24	Ms. DEEPIKA AGRAWAL	7665692655	ASST PROFESSOR	01-Jun-22	PPS	**ADV. COMP.**
13	7509	2023-24	MS. ANJALI SINGH	7999156698	ASST PROFESSOR		PPS	**CSE**
14	5353	2023-24	DR. ABHISHEK SINGH	9557210581	ASSOCIATE PROFESSOR	01-Dec-16	EE	**EE**
15	7012	2023-24	Mr. BHAVANESH CHANDRA SHARMA	9772809472	ASST PROFESSOR	03-Jul-17	EE	**EE**
16	6931	2023-24	Ms. RICHA CHAUDHARY	8851096563	ASST PROFESSOR	10-Jul-18	EE	**EE**
17	2308	2023-24	MR. TRIMESH KUMAR	9413056699	ASST PROFESSOR	22-Jul-20	EE	**EC**
18	3085	2023-24	DR. KULDIP SHARMA	9352955060	ASSOCIATE PROFESSOR	18-Jan-12	Eng/HV	**Applied Science**
19	4706	2023-24	DR. SARVEEN SACHDEVA	9950040575	ASSOCIATE PROFESSOR	07-Jan-22	Eng/HV	**Applied Science**
20	7462	2023-24	DR. INDERJEET SINGH	9828664787	ASSOCIATE PROFESSOR	02-Jan-23	Eng/HV	**Applied Science**
21	1367	2023-24	Mrs. TRIPTI VERMA	1412851000	ASST PROFESSOR	15-Dec-21	Eng/HV	**Applied Science**
22	6050	2023-24	MS. KALPANA SHARMA	9413077523	ASST PROFESSOR	25-Feb-20	Eng/HV (IT)	**Applied Science**
23	7125	2023-24	Dr. SHALINI SHAH	9116789047	ASSOCIATE PROFESSOR	18-Apr-22	Eng/HV (CS)	**Applied Science**
24	7136	2023-24	MS. MEENAKSHI DEORA	7014637055	ASST PROFESSOR	03-Apr-23	Eng/HV	**Applied Science**
25	7019	2023-24	Dr. PIYUSHA SOMVANSHI	7023852427	PROFESSOR	01-Jul-17	Maths	**Applied Science**
26	1118	2023-24	MS. ANU ARORA	9784055571	ASST PROFESSOR	11-Feb-09	Maths	**Applied Science**
27	3672	2023-24	MR. AMARJEET BHARTI	9166872604	ASST PROFESSOR	01-Feb-13	Maths	**Applied Science**
28	7267	2023-24	MR. KAMLESH KUMAR	8279224773	ASST PROFESSOR	16-Aug-22	Maths	**Applied Science**
29	3420	2023-24	DR. SHUCHI DAVE	9357252185	PROFESSOR	20-Jul-12	Maths (EC)	**Applied Science**
30	1220	2023-24	DR. SHILPI JAIN	9928279174	PROFESSOR	06-Feb-08	Maths (CIVIL)	**Applied Science**
31	7211	2023-24	MR. PRADEEP KUMAR	8058652180	ASST PROFESSOR	15-Jul-22	Maths(ADV COMP)	**Applied Science**
32	1261	2023-24	Mr. MANOJ SHARMA	9887901464	ASST PROFESSOR	13-Jul-20	ME	**ME**
33	1282	2023-24	MR. VAIBHAV SHARMA	9529737979	ASST PROFESSOR	03-Jul-10	ME	**ME**
34	2972	2023-24	MR. SHAILENDRA KASERA	9983144773	ASST PROFESSOR	17-Oct-11	ME	**ME**
35	3222	2023-24	MR. DHANANJAY KUMAR	8824599822	ASST PROFESSOR	25-Jun-12	ME	**ME**
36	4532	2023-24	DR. RATNESH KUMAR SHARMA	9887371157	ASSOCIATE PROFESSOR	13-Jul-20	ME	**ME**
37	5001	2023-24	MS. ASHABAI SANJAY KUMAWAT	9509069579	ASST PROFESSOR	01-Feb-16	ME	**ME**
38	5292	2023-24	Dr. PEEYUSH VATS	9887082157	PROFESSOR	13-Jul-21	ME	**ME**
39	7263	2023-24	MR. SUMIT SHARMA	9636899367	ASST PROFESSOR	18-Aug-22	ME	**ME**
40	7316	2023-24	DR. ANKIT TYAGI	8595960341	ASSOCIATE PROFESSOR	24-Nov-21	ME	**ME**
41	1170	2023-24	Dr. NEERAJ JAIN	9829255105	PROFESSOR	20-Aug-01	Physics	**Applied Science**
42	6583	2023-24	Dr. PRIYANKA LODHA	8209588107	PROFESSOR	14-Jul-17	Physics	**Applied Science**
43	2019	2023-24	Mrs. NIKITA GAUTAM	9983071805	ASST PROFESSOR	05-Jul-21	Physics	**EC**
44	1426	2023-24	Mr. RAJESH KUMAR	9414654317	ASST PROFESSOR	01-Jul-14	Physics	**EC**
45	5563	2023-24	Dr. ROBIN GUPTA	9982592546	PROFESSOR	16-Jun-18	Physics	**Applied Science**

Poornima College of Engineering, Jaipur
List of TA & TO members - 2023-24

1	Mr. Rajendra Singh Pahlawat	**7062**	Technical Assistant	rajendra@poornima.org	8875496652
2	Mr. SugreevChoudhary	**1514**	Technical Officer	sugreevchoudhary@poornima.org	8769466046
3	Mr. Balveer Singh	**5441**	Technical Assistant	balveer.singh@poornima.org	8619114617
4	Mr. Ram Murari Sharma	**1498**	Technical Officer	rammurari@poornima.org	9414962181
5	Mr. ShyamNaruka	**4083**	Technical Assistant	shyam.naruka@poornima.org	8104191177
6	Mr. Yogesh Yogi	**5953**	Technical Assistant	yogesh.yogi@poornima.org	7568859246
7	Mr. Nagendra Agarwal	**1479**	Technical Officer	nagendra@poornima.org	9785327864
8	Mr. Sagar Sharma	**7424**	Technical Assistant	sagar.sharma@poornima.org	8709065124
9	Mr. Ravi Sharma	**7394**	Technical Assistant	ravi.sharma@poornima.org	8890597177

4 Institute Academic Calendar

JANUARY 2024

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			

FEBRUARY 2024

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		

MARCH 2024

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

APRIL 2024

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 2024

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 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30						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

JULY 2024

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) • NAAC A+ Accredited

ACADEMIC CALENDAR 2023-24*#

EVEN SEMESTER

January 2024

Monday, 8	First Day, B.Tech. VIII Sem.
Thursday, 26	Republic Day Celebration

RTU THEORY EXAMINATION FOR III & V SEMESTER [ODD SEMESTER 2023-24]

February 2024

Monday, 19	First Day, B.Tech. IV & VI Sem.

RTU THEORY EXAMINATION FOR I SEMESTER [ODD SEMESTER 2023-24]

Monday, 26	First Day, B.Tech. II Sem.

March 2024

Monday, 04 to Wednesday, 06	First Mid Term Examination for B.Tech VIII Sem
Thursday, 14 to Saturday 16	Aarohan-2024
During Second/Third Week	Wise Activity

April 2024

Monday, 15 to Saturday, 20	First Mid Term Examination for B.Tech IV & VI Sem
Wednesday, 24	Last Teaching Day for B.Tech VIII Sem
Thursday, 25 to Saturday, 27	Second Mid-Term Examination for B.Tech VIII Sem
Monday, 29 to Wednesday 01 (May)	End-Term Practical Exams for B.Tech VIII Sem
Monday, 29 to Saturday, 04 (May)	First Mid Term Examination for B.Tech II Sem
	Farewell Function Batch 2020-24

May 2024

As Per RTU Schedule	End-Term Theory Exams for B.Tech VIII Sem
Saturday, 25 to Sunday, 26	Students' Council Meet

June 2024

Saturday, 8	Last Teaching Day for B.Tech IV & VI Sem
Monday, 10 to Saturday, 15	Second Mid-Term Examination for B.Tech IV & VI Sem
Monday, 17 to Wednesday 19	End-Term Practical Examination for B.Tech IV & VI Sem
As Per RTU Schedule	End-Term Theory Examination for B.Tech IV & VI Sem
Friday, 21	Last Teaching Day for B.Tech II Sem
Monday, 24 to Saturday, 29	Second Mid-Term Examination for B.Tech II Sem

July 2024

Monday, 01 to Wednesday 03	End-Term Practical Examination for B.Tech II Sem
As Per RTU Schedule	End-Term Theory Examination for B.Tech II Sem

HOLIDAYS IN EVEN SEMESTER

➢ New Year	-	01 January, Monday - 02 January, Tuesday
➢ Makar Sakranti	-	14 January, Sunday, 2024
➢ Republic Day Celebration	-	26 January, Friday - 27 January, Saturday, 2024
➢ Holi	-	23 March, Saturday - 26 March, Tuesday, 2024
➢ Eid-ul-Fitar	-	11 April, Thursday - 13 April, Saturday, 2024
➢ Ambedkar Jayanti	-	13 April, Saturday - 14 April, Sunday, 2024
➢ Eid-al-Adha	-	15 June, Saturday - 17 June, Monday, 2024

*Subject to revision as per RTU notifications

#Annual Alumni Meet in December 28, 2024

5 Department Activity Calendar

Poornima College of Engineering, Jaipur

Activity Calendar : Even Semester - Session 2023-24

(A) Academic Processes

S. No.	Activity/ Process	B.Tech. II Sem.	B.Tech. IV Sem.	B.Tech. VI Sem.	B.Tech. VIII Sem.
A1	Date of Registration & start of regular classes for students	Feburary, Monday, 26th 2024	Feburary, Monday, 19, 2024	Feburary, Monday, 19, 2024	January, Monday, 08, 2024
A2	Orientation programme	Feburary, Monday, 26th 2024	Feburary, Monday, 19, 2024	Feburary, Monday, 19, 2024	Feburary, Monday, 19, 2024
A3	Date of submission of question papers by faculty members to secrecy for 1st Mid-term	April, Monday, 22	April, Monday, 9, 2024	April, Monday, 9, 2024	April, Monday, 9, 2024
A4	I Mid Term Theory & Practical Exam	April, Monday, 29 to Saturday, 04 (May)	April, Monday, 15 to Saturday, 20	April, Monday, 15 to Saturday, 20	March, Monday, 04 to Wednesday, 06
A5	Showing evaluated answer books of 1st Mid-term exam to students in respective classes	May, Saturday, 11 2024	April, Saturday, 27, 2024	April, Saturday, 27, 2024	March, Wednesday, 13, 2024
A6	Last date of submission of Evaluated Answer Books and Mark of First Mid-term Theory & Practical exam to Exam and Secrecy Cell respectively	May, Saturday, 11 2024	April, Saturday, 27, 2024	April, Saturday, 27, 2024	March, Wednesday, 13, 2024
A7	Date of submission of question papers by faculty members to secrecy for 2nd Mid-term	May, Saturday,18th 2024	May, Saturday,18th 2024	May, Saturday,18th 2024	April, Wednesday, 13, 2024
A8	Revision classes	May, Monday,27 to Friday 31, 2024	May, Monday,20 to Friday 24, 2024	May, Monday,20 to Friday 24, 2024	April, Wednesday, 13 to Friday 15, 2024
A9	Last Teaching Day				
A10	2nd Mid-term theory & Practical Exams	June, Monday, 3 to Friday 7, 2024	May, Friday, 31st to Friday 7, 2024	May, Friday, 31st to Friday 7, 2024	Thursday, 25 to Saturday, 27
A11	End-Term Practical Exams	As per RTU	As per RTU	As per RTU	Monday, 29 to Wednesday 01 (May

(B) Events and Activities		
B1	Orientation Program	Monday, 26 February 2024
B2	ICC activity_Basant Panchmi Celebration	Wednesday, 14 February 2024
B3	Aadhar (First year Technical project Competition cum exhibition)	Monday, 11 March 2024
B4	ICC Activity _International Women's Day celebration	Friday, 8 March 2024
B5	ISTE Supported activity-Techtalk Series-1 _ Session by Industrial Expert-Manish mathuria (Global Certification: Demans and Opportunities)	Saturday, 2 March, 2024
B6	ISTE Supported activity-Techtalk Series-2 _ Session by Industrial Expert-Mr. Raghav Totla (The real world, Challenges & the world ahead- an insider view)	Saturday, 30 March 2024
B7	ISTE Supported activity-Techtalk Series-3 _ Session by Industrial Expert-Ms. Sonal Sekhri (Newer Technologies in CSE and How to approach them using planning)	Saturday, 6 April 2024
B8	ICC Activity & SUPW Activity _World Health Day:Liver Day (online)	Sunday, 7 April 2024
B9	ISTE Supported activity-Techtalk Series-4_ Session by Industrial Expert-Mr. Sagar Raj (Autonomous Mobile Robot-AMR)	Saturday, 20 April 2024
B10	ISTE Supported activity-Techtalk Series-5_ Session by Industrial Expert-Mr. Amardev Singh (Opportunity identification for new product development- A PRACTICUM)	Saturday, 11 May 2024

B11	**One week Add on course (LRTS) /CRT training for students- CS Branch)**	**Monday, 6 May to 13th May 2024**
B12	**One week Add on course (LRTS)/ CRT for students- IT, CE, ME, AI, AI -DS & Cyber Branch)**	**Tuesday, 14th May to 21th May 2024**
B13	**ISTE Supported activity-Techtalk Series-6_ Session by Industrial Expert-Mr. Agyapal Singh(Boost your career with expert guidence and AWS support)**	**Wednesday, 22 May 2024**
B14	**Alumni Interaction _ (Mr. Abhayjeet singh, Mr. Anurag Goyal, Mr. Mayank Goyal)**	**Thursday, 23 May 2024**
	(C) Holidays	
C1	New Year	01 January, Monday - 02 January, Tuesday
C2	Makar Sakranti	14 January, Sunday, 2024
C3	Republic Day Celebration	26 January, Friday - 27 January, Saturday, 2024
C4	Holi	23 March, Saturday - 26 March, Tuesday, 2024
C5	Eid-ul-Fiter	11 April , Thursday - 13 April, Saturday, 2024
C6	Ambedkar Jayanti	13 April, Saturday - 14 April, Sunday, 2024
C7	Eid-al-Adha	15 June, Saturday - 17 June, Monday, 2024
	"स्वच्छ भारत सम्पन्न भारत "	

RTU Teaching Scheme

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching and Examination Scheme

I Semester: B. Tech
Common to all branches of UG Engineering & Technology

SN	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	1FY2-01	Engineering Mathematics-I	3	1	-	30	70	**100**	**4**
2	BSC	1FY2-02/ 1FY2-03	Engineering Physics/ Engineering Chemistry	3	1	-	30	70	**100**	**4**
3	HSMC	1FY1-04/ 1FY1-05	Communication Skills/ Human Values	2	-	-	30	70	**100**	**2**
4	ESC	1FY3-06/ 1FY3-07	Programming for Problem Solving/ Basic Mechanical Engineering	2	-	-	30	70	**100**	**2**
5	ESC	1FY3-08/ 1FY3-09	Basic Electrical Engineering/ Basic Civil Engineering	2	-	-	30	70	**100**	**2**
6	BSC	1FY2-20/ 1FY2-21	Engineering Physics Lab/ Engineering Chemistry Lab	-	-	2	60	40	**100**	**1**
7	HSMC	1FY1-22/ 1FY1-23	Language Lab/ Human Values Activities and Sports	-	-	2	60	40	**100**	**1**
8	ESC	1FY3-24/ 1FY3-25	Computer Programming Lab/ Manufacturing Practices Workshop	-	-	3	60	40	**100**	**1.5**
9	ESC	1FY3-26/ 1FY3-27	Basic Electrical Engineering Lab/ Basic Civil Engineering Lab	-	-	2	60	40	**100**	**1**
10	ESC	1FY3-28/ 1FY3-29	Computer Aided Engineering Graphics/ Computer Aided Machine Drawing	-	-	3	60	40	**100**	**1.5**
11	SODECA	1FY8-00							**100**	**0.5**
									Total	**20.5**

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

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching and Examination Scheme

II Semester: B.Tech.
Common to all branches of UG Engineering & Technology

SN	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	2FY2-01	Engineering Mathematics-II	3	1	-	30	70	**100**	**4**
2	BSC	2FY2-03/ 2FY2-02	Engineering Chemistry/ Engineering Physics	3	1	-	30	70	**100**	**4**
3	HSMC	2FY1-05/ 2FY1-04	Human Values/ Communication Skills	2	-	-	30	70	**100**	**2**
4	ESC	2FY3-07/ 2FY3-06	Basic Mechanical Engineering/ Programming for Problem Solving	2	-	-	30	70	**100**	**2**
5	ESC	2FY3-09/ 2FY3-08	Basic Civil Engineering/ Basic Electrical Engineering	2	-	-	30	70	**100**	**2**
6	BSC	2FY2-21/ 2FY2-20	Engineering Chemistry Lab/ Engineering Physics Lab	-	-	2	60	40	**100**	**1**
7	HSMC	2FY1-23/ 2FY1-22	Human Values Activities and Sports/ Language Lab	-	-	2	60	40	**100**	**1**
8	ESC	2FY3-25/ 2FY3-24	Manufacturing Practices Workshop/ Computer Programming Lab	-	-	3	60	40	**100**	**1.5**
9	ESC	2FY3-27/ 2FY3-26	Basic Civil Engineering Lab/ Basic Electrical Engineering Lab	-	-	2	60	40	**100**	**1**
10	ESC	2FY3-29/ 2FY3-28	Computer Aided Machine Drawing/ Computer Aided Engineering Graphics	-	-	3	60	40	**100**	**1.5**
11	SODECA	2FY8-00							**100**	**0.5**
									Total	**20.5**

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

7.Teaching Scheme

Poornima Group, Jaipur

Format for Teaching Scheme of Even Semester 2023-24

Section A-E	Year	Sem	Students	Branch	Teaching Scheme				Course Name	Subject Code	No. of Sec	No. of Batches	ize (T/	Load	Load (	Load (	ad (L+	ching Dep	Category
					L	T	P	Credit											
Sec A-E	1	2	300	EC, EE, CSE & CSE (R)	3	0	0	2	Programming for problem solv	2FY3-06	5	15	T/F	15	0	0	15	CSE	ESC
Sec A-E	1	2	300		4	1	0	4	Engineering Physics	2FY2-02	5	15	T/F	20	15	0	35	Physics	BSC
Sec A-E	1	2	300		3	0	0	2	Basic Civil Engineering	2FY3-09	5	15	T/F	15	0	0	15	Civil	ESC
Sec A-E	1	2	300		4	1	0	4	Engineering Mathematics -I	2FY2-01	5	15	T/F	20	15	0	35	Maths	BSC
Sec A-E	1	2	300		2	0	0	2	Human Values	2FY1-05	5	15	T/F	10	0	0	10	Humanities	HSMC
Sec A-E	1	2	300		0	0	2	1	Human Values Activities	2FY1-23	5	15	T/F	0	0	30	30	Humanities	HSMC
Sec A-E	1	2	300		0	0	2	1	Engineering Physics Lab	2FY2-20	5	15	T/F	0	0	30	30	Physics	BSC
Sec A-E	1	2	300		0	0	3	1.5	Computer Programming- I Lab	2FY3-24	5	15	T/F	0	0	45	45	CSE	ESC
Sec A-E	1	2	300		0	0	2	1	Basic Civil Engineering Lab	2FY3-27	5	15	T/F	0	0	30	30	Civil	ESC
Sec A-E	1	2	300		0	0	3	1.5	Computer Aided Engineering (	2FY3-28	5	15	T/F	0	0	45	45	ME	ESC
							0		NSP		5	15	T/F	0	15	0	15	EE/CSE	ESC
					16	2	12							80	45	180	305		

Poornima Group, Jaipur

Format for Teaching Scheme of Even Semester 2023-24

Branch																			
Section F-J	Year	Sem	Students	Department	Teaching Scheme				Course Name	Subject Code	No. of Sec	No. of Batches	ize (T/	Load	Load (	Load (	ad (L+	ching Dep	Cat.
					L	T	P	Credit											
Sec F-J	1	2	300	IT, Civil, ME, AI, AI & DS, Cyber	3	0	0	2	Basic Mechanical Engineering	2FY3-07	5	15	T/F	15	0	0	15	ME	ESC
Sec F-J	1	2	300		4	1	0	4	Engineering Chemistry	2FY2-03	5	15	T/F	20	15	0	35	Chemistry	BSC
Sec F-J	1	2	300		4	1	0	4	Engineering Mathematics -I	2FY2-01	5	15	T/F	20	15	0	35	Maths	BSC
Sec F-J	1	2	300		3	0	0	2	Communication Skills	2FY1-04	5	15	T/F	15	0	0	15	English	HSMC
Sec F-J	1	2	300		2	0	0	2	Basic Electrical Engineering	2FY3-08	5	15	T/F	10	0	0	10	EE	ESC
Sec F-J	1	2	300		0	0	2	1	Language Lab	2FY1-22	5	15	T/F	0	0	30	30	English	HSMC
Sec F-J	1	2	300		0	0	2	1	Engineering Chemistry Lab	2FY2-21	5	15	T/F	0	0	30	30	Chemistry	BSC
Sec F-J	1	2	300		0	0	2	1	Basic Electrical Engineering L	2FY3-26	5	15	T/F	0	0	30	30	EE	ESC
Sec F-J	1	2	300		0	0	3	1.5	Manufacturing Practices Work	2FY3-25	5	15	T/F	0	0	45	45	ME	ESC
Sec F-J	1	2	300		0	0	3	1.5	Computer Aided Engineering (	2FY3-28	5	15	T/F	0	0	45	45	ME	ESC
							0		NSP		5	15	T/F	0	15	0	15	EE/CSE	ESC
					16	2	12							80	45	180	305		

5.1 Marking Scheme

MARKING SCHEME FOR PRACTICAL EXAM, EVEN SEM., 2023-24,		EXAM & SECRECY CELL, PCE							
		I & II Mid Term Exam			Atten & Performance.	End Term Exam			Max.
Code	SUBJECT	Exp.	Viva	Total	Total	Exp.	Viva	Total	Marks
2FY2-21	Engineering Chemistry Lab	30	10	40	40	30	10	40	100
2FY2-20	Engineering Physics Lab	30	10	40	40	30	10	40	100
2FY1-23	Human Values Activities and Sports	30	10	40	40	30	10	40	100
2FY1-22	Language Lab	30	10	40	40	30	10	40	100
2FY3-25	Manufacturing Practices Workshop	30	10	40	40	30	10	40	100
2FY3-24	Computer Programming Lab	30	10	40	40	30	10	40	100
2FY3-27	Basic Civil Engineering Lab	30	10	40	40	30	10	40	100
2FY3-26	Basic Electrical Engineering Lab	30	10	40	40	30	10	40	100
2FY3-29	Computer Aided Machine Drawing	30	10	40	40	30	10	40	100
4AID4-21	Microprocessor & Interfaces Lab	30	10	40	40	30	10	40	100
4AID4-22	Database Management System Lab	30	10	40	40	30	10	40	100
4AID4-23	Network Programming Lab	30	10	40	40	30	10	40	100
4AID4-24	Linux Shell Programming Lab	30	10	40	40	30	10	40	100
4AID4-25	Java Lab	30	10	40	40	30	10	40	100
4CAI4-21	Microprocessor & Interfaces Lab	30	10	40	40	30	10	40	100
4CAI4-22	Database Management System Lab	30	10	40	40	30	10	40	100
4CAI4-23	Network Programming Lab	30	10	40	40	30	10	40	100
4CAI4-24	Linux Shell Programming Lab	30	10	40	40	30	10	40	100
4CAI4-25	Java Lab	30	10	40	40	30	10	40	100
4CSR4-21	Microprocessor & Interfaces Lab	30	10	40	40	30	10	40	100
4CSR4-22	Database Management System Lab	30	10	40	40	30	10	40	100
4CSR4-23	Network Programming Lab	30	10	40	40	30	10	40	100
4CSR4-24	Linux Shell Programming Lab	30	10	40	40	30	10	40	100
4CSR4-25	Java Lab	30	10	40	40	30	10	40	100
4CCS4-21	Microprocessor & Interfaces Lab	30	10	40	40	30	10	40	100
4CCS4-22	Database Management System Lab	30	10	40	40	30	10	40	100
4CCS4-23	Network Programming Lab	30	10	40	40	30	10	40	100
4CCS4-24	Linux Shell Programming Lab	30	10	40	40	30	10	40	100
4CCS4-25	Java Lab	30	10	40	40	30	10	40	100
4CE4-21	Material Testing Lab	30	10	40	40	30	10	40	100
4CE4-22	Hydraulics Engineering Lab	30	10	40	40	30	10	40	100
4CE4-23	Building Drawing	30	10	40	40	30	10	40	100
4CE4-24	Advanced Surveying Lab	30	10	40	40	30	10	40	100
4CE4-25	Concrete Lab	30	10	40	40	30	10	40	100
4CS4-21	Microprocessor & Interfaces Lab	30	10	40	40	30	10	40	100
4CS4-22	Database Management System Lab	30	10	40	40	30	10	40	100
4CS4-23	Network Programming Lab	30	10	40	40	30	10	40	100
4CS4-24	Linux Shell Programming Lab	30	10	40	40	30	10	40	100
4CS4-25	Java Lab	30	10	40	40	30	10	40	100
4EC4-21	Analog and Digital Communication Lab	30	10	40	40	30	10	40	100
4EC4-22	Analog Circuits Lab	30	10	40	40	30	10	40	100
4EC4-23	Microcontrollers Lab	30	10	40	40	30	10	40	100
4EC4-24	Electronics Measurement & Instrumentation Lab	30	10	40	40	30	10	40	100
4EE4-21	Electrical Machine - II Lab	30	10	40	40	30	10	40	100
4EE4-22	Power Electronics Lab	30	10	40	40	30	10	40	100
4EE4-23	Digital Electronics Lab	30	10	40	40	30	10	40	100
4EE3-24	Measurement Lab	30	10	40	40	30	10	40	100
4IT4-21	Linux Shell Programming Lab	30	10	40	40	30	10	40	100
4IT4-22	Database Management System Lab	30	10	40	40	30	10	40	100
4IT4-23	Network Programming Lab	30	10	40	40	30	10	40	100
4IT4-24	Java Lab	30	10	40	40	30	10	40	100
4IT4-25	Web Technology Lab	30	10	40	40	30	10	40	100
4ME3-21	Digital Electronics lab	30	10	40	40	30	10	40	100
4ME4-22	Fluid Mechanics lab	30	10	40	40	30	10	40	100
4ME4-23	Production practice lab	30	10	40	40	30	10	40	100

4IT4-24	Java Lab	30	10	40	40	30	10	40	100
4IT4-25	Web Technology Lab	30	10	40	40	30	10	40	100
4ME3-21	Digital Electronics lab	30	10	40	40	30	10	40	100
4ME4-22	Fluid Mechanics lab	30	10	40	40	30	10	40	100
4ME4-23	Production practice lab	30	10	40	40	30	10	40	100
4ME4-24	Theory of machines Lab	30	10	40	40	30	10	40	100
6CE4-21	Environmental Engineering Design and Lab	30	10	40	40	30	10	40	100
6CE4-22	Steel Structure Design	30	10	40	40	30	10	40	100
6CE4-23	Quantity Surveying and Valuation	30	10	40	40	30	10	40	100
6CE4-24	Water and Earth Retaining Structures Design	30	10	40	40	30	10	40	100
6CE4-25	Foundation Design	30	10	40	40	30	10	40	100
6CS4-21	Digital Image Processing Lab	30	10	40	40	30	10	40	100
6CS4-22	Machine Learning Lab	30	10	40	40	30	10	40	100
6CS4-23	Python Lab	30	10	40	40	30	10	40	100
6CS4-24	Mobile Application Development Lab	30	10	40	40	30	10	40	100
6EC 4-21	Computer Network Lab	30	10	40	40	30	10	40	100
6EC 4-22	Antenna and wave propagation Lab	30	10	40	40	30	10	40	100
6EC 4-23	Electronics Design Lab	30	10	40	40	30	10	40	100
6EC 4-24	Power Electronics Lab	30	10	40	40	30	10	40	100
6EE4-21	Power System - II Lab	30	10	40	40	30	10	40	100
6EE4-22	Electric Drives Lab	30	10	40	40	30	10	40	100
6EE4-23	Power System Protection Lab	30	10	40	40	30	10	40	100
6EE4-24	Modelling and simulation lab	30	10	40	40	30	10	40	100
6IT4-21	Digital Image Processing Lab	30	10	40	40	30	10	40	100
6IT4-22	Machine Learning Lab	30	10	40	40	30	10	40	100
6IT4-23	Python Lab	30	10	40	40	30	10	40	100
6IT4-24	Mobile Application Development Lab	30	10	40	40	30	10	40	100
6ME4-21	CIMS Lab	30	10	40	40	30	10	40	100
6ME4-22	Vibration Lab	30	10	40	40	30	10	40	100
6ME4-23	Machine Design Practice II	30	10	40	40	30	10	40	100
6ME4-24	Thermal Engineering Lab I	30	10	40	40	30	10	40	100
8CE4-21	Project Planning & Construction Management	30	10	40	40	30	10	40	100
8CE4-22	Pavement Design	30	10	40	40	30	10	40	100
8CE7-50	Project			60			40		100
8CS4-21	Big Data Analytics Lab	30	10	40	40	30	10	40	100
8CS4-22	Software Testing and Validation Lab	30	10	40	40	30	10	40	100
8CS7-50	Project			60			40		100
8EC4-21	Internet of Things (IOT) Lab	30	10	40	40	30	10	40	100
8EC4-22	Skill Development Lab	30	10	40	40	30	10	40	100
8EC7-50	Project			60			40		100
8EE4-21	Energy Systems Lab	30	10	40	40	30	10	40	100
8EE7-50	Project			60			40		100
8IT4-21	Internet of Things Lab	30	10	40	40	30	10	40	100
8IT4-22	Software Testing and Validation Lab	30	10	40	40	30	10	40	100
8IT7-50	Project			120			80		200
8ME4-21	Industrial Engineering Lab	30	10	40	40	30	10	40	100
8ME4-22	Metrology Lab	30	10	40	40	30	10	40	100
8ME7-50	Project *#			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.

6 Department Load Allocation

POORNIMA COLLEGE OF ENGINEERING, JAIPUR

Department of I Year (Session 2023-24 Even Sem.)

FACULTY LOAD SHEET (Faculty =42 regular)

S. No.	Department	Employee code	Name	Designation	Lecture	Tute	LAB	TOTAL	Additional Load
				ENGINEERING CHEMISTRY					
1	Chemistry	**1204**	DR. REKHA NAIR	PROFESSOR	4	3	0	7	
2	Chemistry	**2365**	DR. MEENA TEKRIWAL	ASSOCIATE PROFESSOR	4	3	2	9	Tutor:- G 2 hrs Higher Class load., PIIC Coordinator
3	Chemistry	**3012**	MS. RIDDHI SHRIVASTAVA	ASST PROFESSOR	4	3	4	11	Tutor:- I Autonomous Related Work as required
4	Chemistry	**1295**	DR. ANURIKA MEHTA	PROFESSOR	4	3	4	11	Tutor:- J Discipline Incharge
5	Chemistry	**7140**	MR. NAVEEN SHARMA	ASST PROFESSOR			10	10	
6	Chemistry	**2936**	Mr. DINESH CHANDRA SHARMA	ASST PROFESSOR	4	3		7	in Admission Cell
7	Chemistry	**1283**	MR. VEDANSHU VASHISTHA	ASST PROFESSOR			10	10	
					20	15	30	65	
				ENGINEERING PHYSICS					
8	Physics	**2019**	Mrs. NIKITA GAUTAM	ASST PROFESSOR	4	3	8	15	Tutor:- C Autonomous Related Work as required
9	Physics	**1426**	Mr. RAJESH KUMAR	ASST PROFESSOR	4	3	10	17	Tutor:- A
10	Physics	**1170**	Dr. NEERAJ JAIN	PROFESSOR	4	3	4	11	
11	Physics	**5563**	Dr. ROBIN GUPTA	PROFESSOR	4	3	4	11	
12	Physics	**6583**	Dr. PRIYANKA LODHA	PROFESSOR	4	3	4	11	Tutor:- B PIIC Coordinator
					20	15	30	65	
				ENGINEERING MATHEMATICS					
13	Maths	**3672**	MR. AMARJEET BHARTI	ASST PROFESSOR	12	6	0	18	Time Table Coordinator
14	Maths	**1118**	MS. ANU ARORA	ASST PROFESSOR	12	6	0	18	May be in Admission Cell
15	Maths	**7019**	Dr. PIYUSHA SOMVANSHI	PROFESSOR	8	6	0	14	Conference coordinator
16	Maths	**7267**	MR. KAMLESH KUMAR	ASST PROFESSOR	8	12	0	20	Tutor:- A
					40	30	0	70	0
				COMMUNICATIVE ENGLISH					
17	English	**3085**	DR. KULDIP SHARMA	ASSOCIATE PROFESSOR	4	0	8	12	Tutor:- I, Sports Activity Incharge, Reports for Autonomous, NAAC etc., NEWSletter in coordination with Eng/HV faculties Human Value load 2 hrs.
18	English	**4706**	Dr. SARVEEN SACHDEVA	ASSOCIATE PROFESSOR	2	0	6	8	Tutor:-H, Human Value load 8 hrs. ICC Co-Chair
19	English	**7462**	DR. INDERJEET SINGH	ASSOCIATE PROFESSOR	2	0	8	10	Tutor:- J, Human Value load 6 hrs.
20	English	**1367**	Mrs. TRIPTI VERMA	ASST PROFESSOR	2	0	8	10	Tutor:- D, Human Value load- 8 hrs.
					10	0	30	40	0
				HUMAN VALUES					
	Huma Values	**1367**	Mrs. TRIPTI VERMA	ASST PROFESSOR	2	0	6	8	Comm. Skill load 10 hrs.
	Huma Values	**7462**	DR. INDERJEET SINGH	ASSOCIATE PROFESSOR	2	0	4	6	Tutor:- J, Comm. Skill load 10 hrs.
	Huma Values	**4706**	Dr. SARVEEN SACHDEVA	ASSOCIATE PROFESSOR	4	0	4	8	Tutor:- H Comm. Skill load 8 hrs.
	Huma Values	**3085**	DR. KULDIP SHARMA	ASSOCIATE PROFESSOR	2	0	0	2	Tutor:- I, Comm. Skill load 16 hrs.
21	Huma Values	**7136**	MS. MEENAKSHI DEORA	ASST PROFESSOR			16	16	
								0	
					10	0	30	40	0

				PROGAMMING FOR PROBLEM SOLVING					
22	CSE	**6880**	Mr. BHAGIRATH CHOUHAN	ASST PROFESSOR	3	0	6	9	Tutor:- C NSP/Technical I3
23	CSE	**3682**	Ms. DEEPIKA AGRAWAL	ASST PROFESSOR	3	0	6	9	Tutor:- E Technical I3
24	CSE	**2833**	Mr. DEEPAK BABERWAL	ASST PROFESSOR	3		6	9	
25	CSE	**1212**	MR. SANJAY KUMAR GUPTA	ASST PROFESSOR	3		6	9	
26	CSE	**1293**	MR. AMITESH KUMAR	ASST PROFESSOR			15	15	
27	CSE	**7509**	MS. ANJALI SINGH	ASST PROFESSOR	3		6	9	Tutor:- B Technical I3
					15	0	45	60	
				BASIC ELECTRICAL AND ELECTRONICS ENGINEERIING					
28	Electrical	**6931**	Ms. RICHA CHAUDHARY	ASST PROFESSOR	3		14	17	Tutor:- F Autonomous Related Work
29	Electrical	**7012**	Mr. BHAVANESH CHANDRA	ASST PROFESSOR	6		10	16	Tutor:-G Patent/Zircon Club Coordinator, Discipline
30	Electrical	**5353**	DR. ABHISHEK SINGH	ASSOCIATE PROFESSOR	6		6	12	Zircon Club
					15	0	30	45	
				BASIC MECHNICAL ENGINEEERING		MPWS	CAEG		
31	Mechanical	**4532**	DR. RATNESH KUMAR SHARMA	ASSOCIATE PROFESSOR	3		12	15	DY HOD
32	Mechanical	**5292**	Dr. PEEYUSH VATS	PROFESSOR	3		9	12	NAAC
33	Mechanical	**1261**	Mr. MANOJ SHARMA	ASST PROFESSOR	3	6	9	18	DY. HOD
34	Mechanical	**3222**	MR. DHANANJAY KUMAR	ASST PROFESSOR	3	6	9	18	May be in Admission Cell
35	Mechanical	**1282**	MR. VAIBHAV SHARMA	ASST PROFESSOR		6	12	18	
36	Mechanical	**7316**	DR. ANKIT TYAGI	ASSOCIATE PROFESSOR	3		12	15	Conference coordinator
37	Mechanical	**7263**	MR. SUMIT SHARMA	ASST PROFESSOR		6	12	18	
38	Mechanical	**2972**	MR. SHAILENDRA KASERA	ASST PROFESSOR		6	12	18	
39	Mechanical	**5001**	MS. ASHABAI SANJAY KUMAWAT	ASST PROFESSOR		15	3	18	
	Mechanical							0	
					15	45	90	150	0
				BASIC CIVIL ENGINNERING					
40	Civil	**6962**	Dr. MAYANK GUPTA	ASST PROFESSOR	6	0	10	16	Tutor:- E Attainment cumulation
41	Civil	**5767**	DR. SIDDHARTH	ASSOCIATE PROFESSOR	6	0	8	14	Conference coordinator
42	Civil	3713	MR. LAXMIKANT SAINI	ASST PROFESSOR	3		12	15	
					15	0	30	45	

7 Time Table

7.1 Orientation Time Table

Orientation Program 2023-24							
Group wise Orientation Plan							
Time/ Day	I	II	III	IV	**12:00-12:50**	V	VI
	8:00-10:00		10:00-12:00			12:50-2:50	
Day 1 06/09/2023 Wednesday	Welcome & Registration/ Portfolio by Respective Group Incharge Students will fill up their Registration/ Portfolio form at Arbuda Convention Centre(Internal Coordinator:- Dr Piyusha, Dr. Meena Tekriwal, Dr. Sarveen Sachdeva, Dr. Priyanka Lodha, Hemraj Kumawat, Richa Choudhary, Dr. Kuldeep Sharma)		Fun Activities by Kuldeep Sharma & Team Arbuda Convention Centre		**BREAK**	Let's Talk Activity (In respective sections) Respective tutors or section incharge	
Day 2 07/09/2023 Thursday	G1 :- Jaipur Visit (Sidharth Choudhary) G2 - Workshop sessions activity ME/EE based, G3-Proficiency Module 1-Aptitude Quiz competition.(Classrooms) (Dr. Kuldeep Sharma); G4-About Administartion and College by Dr. Meena Tekriwal(Venue:-Seminar Hall-2005) G5:-PU Visit(Mayank Gupta) ;		G1:- Jaipur Visit G2:- Library Session by Neema Shukla (Seminar Hall-2105) G3-Workshop sessions activity ME/EE based. G4- Literary Activity-1: Communication Skill Training, Dr. Sarveen Sachdeva (Classrooms) G5- PU Visit(Mayank Gupta) ;		**BREAK**	G1:- Jaipur Visit. G2:-External talk on Web 3 Industry Expert Session (Arbuda Convention centre);from 10 am Dr. Priyanka & Nikita G3-Interaction with Vice Principal, Seminar Hall-2005 (Richa, Inderjeet Singh, Rajendra) G4- Library Session by Neema Shukla (Seminar Hall-2105) G5-Proficiency Module 1-Aptitude Quiz	
Day 3 08/09/2023 Friday	G3 :- Jaipur Visit (NIKITA GAUTAM AND RAJESH KUMAR) G4- PU Visit (MAYANK GUPTA) G1-Proficiency Module 1-Aptitude Quiz competition. by Kuldip Sharma (Classrooms); G2:- Opprortunity in Engineering Course (Venue-Seminar Hall-2005) by(CS Department Faculty); G5:- TS on general introduction of Machine Drawing/ Practical Geometry (Manoj Sharma) (Seminar Hall-3B06)		G1:- Opprortunity in Engineering Course (Venue-Seminar Hall-2005) by(CS Department Faculty) G2- External talk Industry Expert Session on geeks for geeks (NIKITA GAUTAM) (Arbuda Convention centre) G3 - Jaipur Visit G4 - PU Visit G5- Opprortunity in Engineering Course (Venue-Seminar Hall-2005) by(CS Department Faculty)		**BREAK**	G3 - Jaipur Visit G1-Creative Arts Module-1 (Dr. Kuldeep Sharma) ; G2- Interaction with Vice Principal(Seminar Hall-2005) (Richa, Inderjeet Singh, Rajendra) G4- Proficiency Module 1-Aptitude Quiz competition. by Kuldip Sharma (Classrooms) G5-Interaction with Vice Principal(Seminar Hall-2005) (Richa, Inderjeet Singh, Rajendra)	
Day 4 09/09/2023 Saturday	G1-PU Visit (Mayank Gupta & Dinesh Sharma) G2-About Administartion and College by Dr. Meena Tekriwal(Venue:-Seminar Hall-2005); G3-About Administartion and College by Dr. Meena Tekriwal(Venue:-Seminar Hall-2005) G4:- Opprortunity in Engineering Course (Venue-Seminar Hall-2005) by(CS Department Faculty); G5-Jaipur Visit (Nikita Gautam & Siddharth Choudhary)		G1-PU Visit (Mayank Gupta & Dinesh Sharma) G2-.Alumni Interaction, Seminar Hall-2005, Hardik Kanchandana, (Company clumio) (Richa Chaudhary and Dr. Priyanka Lodha) G3- Alumni Interaction, Seminar Hall-2005, Hardik (Company clumio) (Richa Chudhary and Dr. Priyanka Lodha) G4-Creative Arts Module-1 G5-Jaipur Visit (Nikita Gautam & Siddharth Choudhary)		**BREAK**	G1-Interaction with Vice Principal, (Seminar Hall-2005) (Richa Chaudhary and Dr. Priyanka Lodha) G2-College Visit (Riddhi Srivastava, Dr. Ankit Tyagi) G3-Creative Arts Module-1 by Dr. Kuldeep Sharma, G4-Interaction with Vice Principal, Seminar Hall-2005 (Richa Chudhary and Dr. Priyanka Lodha) G5-Jaipur Visit (Nikita Gautam & Siddharth Choudhary)	
10 September 2023 Sunday Holiday							
Day 5 11/09/2023 Monday	G1-Yoga Session at PIET OAT (Mayank Gupta & Dinesh Kumar) G2- Jaipur Visit (Ridhi Srivastava, Richa Chaudhary, Rajendra Pahlawat) G3-Workshop sessions activity ME/EE based. G4- Workshop sessions activity ME/EE based. G5- About Administartion and College by Dr. Meena Tekriwal(Venue:-Seminar Hall-2005)		G1- External Speaker, Futuristic Scope of AI and IOT in Engineering, Mr. Gajendra Badra, Senior Developer CADEMATE Pvt. Ltd., Seminar Hall-2005 (Ratnesh Kumar Sharma & Manoj Sharma) G2-Jaipur Visit G3- Opprortunity in Engineering Course (Venue-Seminar Hall-2005) by(CS Department Faculty) (by Richa); G4-External Speaker, Futuristic Scope of AI and IOT in Engineering, Mr. Gajendra			G1- About Administartion and College by Dr. Meena Tekriwal(Venue:-(Seminar Hall-3B06)) G2-Jaipur Visit (Ridhi Srivastava, Richa Chaudhary, Rajendra Pahlawat) G3-External Speaker, Futuristic Scope of AI and IOT in Engineering, Mr. Gajendra Badra, Senior Developer CADEMATE Pvt. Ltd., Seminar Hall-2005 (Ratnesh Kumar Sharma & Manoj Sharma) G4-College Visit (Dr. Ankit Tyagi, Kamlesh	
Day 6 12/09/2023 Tuesday	G1-College Visit (Riddhi Srivastava & Dr. Ankit Tyagi) G2-.Industrial Visit Jaipur Metro (Bhavnesh Chand Sharma, Tripti Verma & Kamlesh Kumar) G3-PU Visit by Mayank Gupta, Dinesh Sharma & Shyam Naruka) G4-Industrial Visit Bhaskar (Bhagirath Singh Chauhan & Deepika Agarwal) G5-Yoga Session at PIET OAT (Dr.		G1-External Speaker, Himanshu Joshi,General Manager, HCL Technologies, Seminar Hall-2005, Richa Maam and Priyanka Maam G2-Industrial Visit. (Bhavnesh Chand Sharma, Tripti Verma & Kamlesh Kumar) G3-PU Visit G4-Industrial Visit (Bhagirath Singh Chauhan & Deepika Agarwal) G5- External Speaker, General Manager,			G1-Introduction to Moocs by Dr. Ratnesh Kumar Sharma (Seminar Hall-3B06) G2- Industrial Visit Jaipur Metro (Bhavnesh Chand Sharma, Tripti Verma & Kamlesh Kumar) G3- College Visit (Riddhi Srivastava & Dr. Ankit Tyagi) G4-Industrial Visit Bhaskar (Bhagirath Singh Chauhan & Deepika Agarwal) G5-Introduction to Moocs by Dr. Ratnesh	

Day 6 12/09/2023 Tuesday	G1-College Visit (Riddhi Srivastava & Dr. Ankit Tyagi) G2-.Industrial Visit Jaipur Metro (Bhavnesh Chand Sharma, Tripti Verma & Kamlesh Kumar) G3-PU Visit by Mayank Gupta, Dinesh Sharma & Shyam Naruka) G4-Industrial Visit Bhaskar (Bhagirath Singh Chauhan & Deepika Agarwal) G5-Yoga Session at PIET OAT (Dr. Priyanka Lodha , Dinesh Sharma)	G1-External Speaker, Himanshu Joshi,General Manager, HCL Technologies, Seminar Hall-2005, Richa Maam and Priyanka Maam G2-Industrial Visit. (Bhavnesh Chand Sharma, Tripti Verma & Kamlesh Kumar) G3-PU Visit G4-Industrial Visit (Bhagirath Singh Chauhan & Deepika Agarwal) G5- External Speaker, General Manager, HCL Technologies, Seminar Hall-2005		G1-Introduction to Moocs by Dr. Ratnesh Kumar Sharma (Seminar Hall-3B06) G2- Industrial Visit Jaipur Metro (Bhavnesh Chand Sharma, Tripti Verma & Kamlesh Kumar) G3- College Visit (Riddhi Srivastava & Dr. Ankit Tyagi) G4-Industrial Visit Bhaskar (Bhagirath Singh Chauhan & Deepika Agarwal) G5-Introduction to Moocs by Dr. Ratnesh Kumar Sharma (Seminar Hall-3B06)	
Day 7, 13/09/2023 Wednesday	G1-TS on Basics of C Programming and its Importance, (Seminar Hall-3B06) G2-PU Visit (Mayank Gupta). G3-Industrial Visit, Jaipur Metro (Nikita Guatam, Shyam Naruka & Amarjeet Bharti) G4-Proficiency Module-2 Team Building Activity (Dr. Kuldeep Sharma) G5-Industrial Visit, Dainik Bhaskar & CIPET (Hemraj Kumawat & Dr. Priyanka Lodha)	G1-Library Session by Neema shukla (Riddhi Srivastava) in (Seminar Hall-2105) G2-PU Visit (Mayank Gupta) G3- Industrial Visit,Jaipur Metro (Nikita Guatam, Shyam Naruka & Amarjeet Bharti) G4-Workshop sessions activity ME/EE based. G5-Industrial Visit, Dainik Bhaskar & CIPET (Hemraj Kumawat & Dr. Priyanka Lodha)	**BREAK**	G1-Workshop sessions activity ME/EE based. G2- TS on general introduction of Machine Drawing/ Practical Geometry, Seminar Hall-2005(Manoj sharma). G3- Industrial Visit,Jaipur Metro (Nikita Guatam, Shyam Naruka & Amarjeet Bharti) G4-TS on general introduction of Machine Drawing/ Practical Geometry, Seminar Hall-2005 (Manoj sharma). G5-Industrial Visit, Dainik Bhaskar & CIPET (Hemraj Kumawat & Dr. Priyanka Lodha)	
Day 8 14/09/2023 Thursday	G1-Industry Visit, Jaipur Metro Mayank Gupta, Hemraj Kumawat, Dr. Ankit Tyagi G2-Workshop sessions activity ME/EE based. G3-TS on Basics of C Programming and its Importance (Seminar Hall-3B06) G4-Yoga Session at PIET OAT Dinesh Sharma, Dr. Priyanka Lodha, & Bhagirath Singh Chauhan G5 -Library Session in CF 05 (Riddhi Srivastava)	Inaugural Session for all branches	**BREAK**	G1-Industry Visit G2-Session by zircon club G3- Session by zircon club G4-Introduction to Moocs by Ratnesh Kumar (Seminar Hall-2005) G5-TS on Basics of C Programming and its Importance (Seminar Hall-3B06)	
Day 9 15/09/2023 Friday	G1-Interaction with Director, Poornima Group, Arbuda PIET (Bhavnesh Sharma ,Richa Chaudhary, & Mayank Gupta) G2-Literary Activity-1: Communication Skill Training G3- Library Session in CS03 (Riddhi Srivastava) G4-Session by zircon club in CG05 G5-Session by zircon club in CG05	G1-Creative Arts Module-2 G2-G5-Interaction with Director, Poornima Group in Arbuda PIET (Dr. Kuldeep Sharma, Dr. Sarveen Kaur, Bhagirath Singh, Nikita Gautam, Riddhi Srivastava, & Kamlesh Kumar)	**BREAK**	G1-TS on general introduction of Machine Drawing/ Practical Geometry in (Seminar Hall-3B06) (Manoj Sharma). G2- Introduction to Moocs in CG05 (Dr. Ratnesh Kr. Sharma) G3-. Introduction to Moocs in CG05 (Dr. Ratnesh Kr. Sharma) G4- Creative Arts Module-2 G5- Workshop sessions activity ME/EE based.	
Day 10 16/09/2023 Saturday	G1-Proficiency Module-2 Team Building Activity G2- Proficiency Module 1-Aptitude Quiz competition. by Kuldip Sharma (Classrooms) G3-Yoga Session at PIET OAT (Dr. Piyush Somavanshi, Dinesh Sharma & Mayank Gupta) G4-Jaipur Visit (Dr. Kuldeep Sharma, Dr. Sarveen Kaur Sachdeva & Shyam Naruka) G5-Literary Activity-1: Communication Skill Training	G1-Proficiency Module-2 Team Building Activity G2- Creative Arts Module-2 G3-Proficiency Module-2 Team Building Activity G4-Jaipur Visit (Dr. Kuldeep Sharma, Dr. Sarveen Kaur Sachdeva & Shyam Naruka) G5-Proficiency Module-2 Team Building Activity	**BREAK**	**Interaction with Director , PCE, G1,G2,G3 & G-5 at Arbuda Convention Centre (Tripti maam, Bhavnesh Sharma, Richa Chaudhary, Nikita Gautam, Dr. Ankit Tyagi, Hemraj Kumawat, Kamlesh Kumar, Ratnesh Kumar Sharma & Riddhi Srivastava) G4-Jaipur Visit**	

7.2 Academic Time Table

EC+EE_A

Class teacher : Kamlesh Kumar, Rajesh Kumar
LT:- 3101

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	EC+EE_A LT:- 3101 2FY2-02_PHY Rajesh Kumar	EC+EE_A LT:- 3101 2FY2-01_EM-1 Kamlesh Kumar	EC+EE_A LT:- 3101 2FY1-05_HV Dr. Inderjeet Singh	EC+EE_A LT:- 3101 2FY2-01_EM-1 Kamlesh Kumar	**Break/ Lunch**	EC+EE_A LT:- 3101 2FY3-06_PPS Bhagirath singh	EC+EE_A LT:- 3101 2FY3-09_BCE Dr. Siddharth
Tuesday	2FY2-20_Phy Lab LB:- 3208 Batch_A1 Nikita Gautam		EC+EE_A LT:- 3101 2FY2-01_EM-1 Kamlesh Kumar	Batch_A1 LT:- 3306 2FY2-01_EM-1 Kamlesh Kumar		Batch_A1 LB:- 3103 2FY3-27_BCE Lab. Dr. Mayank_Gupta	
	Batch_A2 LB:- 3103 2FY3-27_BCE Lab. Dr. Siddharth			Batch_A2 LT:- 3301 2FY2-02_PHY Rajesh Kumar		Batch_A2 LB:- 3B07 2FY1-23_HV Lab. Dr. Inderjeet Singh	
	Batch_A3 LT:- 3101 2FY2-02_PHY Rajesh Kumar	Batch_A3 LT:- 3101 2FY2-01_EM-1 Kamlesh Kumar		Batch_A3 LB:- 3002 2FY3-24_CPL Bhagirath singh		2FY3-24_CPL LB:- 3002 Batch_A3 Bhagirath singh	
Wednesday	Batch_A1 LB:- 3007 2FY3-29_CAMD EC+EE_A Manoj Sharma			Batch_A1 LT:- 3101 2FY2-02_PHY Rajesh Kumar		EC+EE_A LT:- 3101 2FY3-06_PPS Bhagirath singh	EC+EE_A LT:- 3101 2FY2-02_PHY Rajesh Kumar
	Batch_A2 LB:- 3003 2FY3-24_CPL Bhagirath singh			Batch_A2 LT:- 3207 2FY2-01_EM-1 Kamlesh Kumar			
	Batch_A3 LB:- 3B07 2FY1-23_HV Lab. Dr. Inderjeet Singh		2FY2-20_Phy Lab LB:- 3208 Batch_A3 Nikita Gautam				
Thursday	Batch_A1 LB:- 3B07 2FY1-23_HV Lab. Dr. Inderjeet Singh		EC+EE_A LT:- 3101 2FY3-09_BCE Dr. Siddharth	Batch_A1 LB:- 3002 2FY3-24_CPL Bhagirath singh		2FY3-24_CPL LB:- 3002 Batch_A1 Bhagirath singh	
	2FY2-20_Phy Lab LB:- 3208 Batch_A2 Rajesh Kumar			Batch_A2 LB:- 3308 2FY3-29_CAMD Manoj Sharma		Batch_A2 LB:- 3308 2FY3-29_CAMD Manoj Sharma	
	Batch_A3 LB:- 3103 2FY3-27_BCE Lab. Dr. Mayank_Gupta			Batch_A3 LB:- 3006 2FY3-29_CAMD Sumit Sharma		Batch_A3 LB:- 3006 2FY3-29_CAMD Sumit Sharma	
Friday	EC+EE_A LT:- 3101 2FY2-02_PHY Rajesh Kumar	EC+EE_A LT:- 3101 2FY1-05_HV Dr. Inderjeet Singh	EC+EE_A LT:- 3101 2FY3-06_PPS Bhagirath singh	EC+EE_A LT:- 3101 2FY3-09_BCE Dr. Siddharth		EC+EE_A LT:- 3101 2FY2-01_EM-1 Kamlesh Kumar	EC+EE_A LT:- 3101 2FY2-02_PHY Rajesh Kumar

CSE_B

Class teacher : Anjali Singh, Dr. Priyanka Lodha
LT:- 3206

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	CSE_B LT:- 3206 2FY2-02_PHY Dr. Priyanka Lodha	CSE_B LT:- 3206 2FY1-05_HV Dr. Kuldip Sharma	2FY2-20_Phy Lab LB:- 3208 Batch_B1 Dr. NEERAJ JAIN Batch_B2 LT:- 3306 2FY2-02_PHY Dr. Priyanka Lodha Batch_B3 LT:- 3207 2FY2-01_EM-1 Anu Arora	Batch_B2 LT:- 3307 2FY2-01_EM-1 Anu Arora Batch_B3 LT:- 3107 2FY2-02_PHY Dr. Priyanka Lodha	**Break/ Lunch**	CSE_B LT:- 3206 2FY2-01_EM-1 Anu Arora	CSE_B LT:- 3206 2FY3-09_BCE MR. LAXMIKANT SAINI
Tuesday	CSE_B LT:- 3206 2FY2-01_EM-1 Anu Arora	CSE_B LT:- 3206 2FY3-06_PPS Anjali Singh	CSE_B LT:- 3206 2FY1-05_HV Dr. Kuldip Sharma	CSE_B LT:- 3206 2FY2-02_PHY Dr. Priyanka Lodha		CSE_B LT:- 3206 2FY3-09_BCE MR. LAXMIKANT SAINI	CSE_B LT:- 3206 2FY3-06_PPS Anjali Singh
Wednesday	Batch_B1 LB:- 3006 2FY3-29_CAMD Manoj Sharma Batch_B2 LB:- 3002 2FY3-24_CPL Anjali Singh Batch_B3 LB:- 3308 2FY3-29_CAMD Sumit Sharma			Batch_B1 LB:- 3002 2FY3-24_CPL Anjali Singh Batch_B2 LB:- 3007 2FY3-29_CAMD Sumit Sharma Batch_B3 LB:- 3003 2FY3-24_CPL MR. SANJAY KUMAR GUPTA		2FY3-24_CPL LB:- 3002 Batch_B1 Anjali Singh 2FY3-29_CAMD LB:- 3007 Batch_B2 Sumit Sharma 2FY3-24_CPL LB:- 3003 Batch_B3 MR. SANJAY KUMAR GUPTA	
Thursday	CSE_B LT:- 3206 2FY3-06_PPS Anjali Singh	CSE_B LT:- 3206 2FY2-01_EM-1 Anu Arora	CSE_B LT:- 3206 2FY3-09_BCE MR. LAXMIKANT SAINI	CSE_B LT:- 3206 2FY2-02_PHY Dr. Priyanka Lodha		2FY1-23_HV Lab. LB:- 3B07 Batch_B1 MS. MEENAKSHI DEORA 2FY2-20_Phy Lab LB:- 3208 Batch_B2 Dr. NEERAJ JAIN 2FY3-27_BCE Lab. LB:- 3103 Batch_B3 Dr. Mayank Gupta	
Friday	CSE_B LT:- 3206 2FY2-01_EM-1 Anu Arora	CSE_B LT:- 3206 2FY2-02_PHY Dr. Priyanka Lodha	2FY3-27_BCE Lab. LB:- 3103 Batch_B1 MR. LAXMIKANT SAINI 2FY1-23_HV Lab. LB:- 3B07 Batch_B2 MS. MEENAKSHI DEORA 2FY2-20_Phy Lab LB:- 3208 Batch_B3 Nikita Gautam			Batch_B1 LT:- 3201 2FY2-02_PHY Dr. Priyanka Lodha Batch_B1 LT:- 3311 2FY2-01_EM-1 Anu Arora 2FY3-27_BCE Lab. LB:- 3103 Batch_B2 Dr. Mayank Gupta 2FY1-23_HV Lab. LB:- 3B07 Batch_B3 MS. MEENAKSHI DEORA	

CSE_C

Class teacher : Bhagirath singh, Nikita Gautam
LT:- 3106

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	Batch_C1 LB:- 3308 2FY3-29_CAMD Sumit Sharma			CSE_C LT:- 3106 2FY2-02_PHY Nikita Gautam	**Break/ Lunch**	CSE_C LT:- 3106 2FY2-01_EM-1 Amarjeet Bharti	CSE_C LT:- 3106 2FY3-06_PPS Bhagirath singh
	Batch_C2 LB:- 3002 2FY3-24_CPL Bhagirath singh						
	Batch_C3 LB:- 3006 2FY3-29_CAMD MR. VAIBHAV SHARMA						
Tuesday	2FY2-20_Phy Lab LB:- 3208 Batch_C1 Rajesh Kumar		CSE_C LT:- 3106 2FY2-01_EM-1 Amarjeet Bharti	Batch_C1 LT:- 3101 2FY2-02_PHY Nikita Gautam		2FY3-27_BCE Lab. LB:- 3103 Batch_C1 Dr. Siddharth	
	2FY3-27_BCE Lab. LB:- 3103 Batch_C2 Dr. Siddharth			Batch_C2 LB:- 3308 2FY3-29_CAMD Sumit Sharma		2FY3-29_CAMD LB:- 3308 Batch_C2 Sumit Sharma	
	2FY1-23_HV Lab. LB:- 3B07 Batch_C3 MS. MEENAKSHI DEORA			Batch_C3 LT:- 3106 2FY2-01_EM-1 Amarjeet Bharti		2FY2-20_Phy Lab LB:- 3208 Batch_C3 Dr. ROBIN GUPTA	
Wednesday	CSE_C LT:- 3106 2FY3-09_BCE Dr. Siddharth	CSE_C LT:- 3106 2FY2-02_PHY Nikita Gautam	CSE_C LT:- 3106 2FY3-06_PPS Bhagirath singh	CSE_C LT:- 3106 2FY2-01_EM-1 Amarjeet Bharti		2FY1-23_HV Lab. LB:- 3B07 Batch_C1 Dr. Sarveen Kaur Sachdeva	
						2FY2-20_Phy Lab LB:- 3208 Batch_C2 Rajesh Kumar	
						2FY3-27_BCE Lab. LB:- 3103 Batch_C3 Dr. Siddharth	
Thursday	CSE_C LT:- 3106 2FY1-05_HV Dr. Sarveen Kaur Sachdeva	CSE_C LT:- 3106 2FY3-09_BCE Dr. Siddharth	2FY3-24_CPL LB:- 3002 Batch_C1 Bhagirath singh			Batch_C1 LB:- 3002 2FY3-24_CPL Bhagirath singh	CSE_C LT:- 3106 2FY2-02_PHY Nikita Gautam
			2FY1-23_HV Lab. LB:- 3B07 Batch_C2 Dr. Sarveen Kaur Sachdeva			Batch_C2 LT:- 3206 2FY2-01_EM-1 Amarjeet Bharti	
			2FY3-24_CPL LB:- 3003 Batch_C3 MR. AMITESH KUMAR			Batch_C3 LB:- 3003 2FY3-24_CPL MR. AMITESH KUMAR	
Friday	CSE_C LT:- 3106 2FY2-02_PHY Nikita Gautam	Batch_C1 LT:- 3106 2FY2-01_EM-1 Amarjeet Bharti	CSE_C LT:- 3106 2FY3-06_PPS Bhagirath singh	CSE_C LT:- 3106 2FY2-01_EM-1 Amarjeet Bharti		CSE_C LT:- 3106 2FY3-09_BCE Dr. Siddharth	CSE_C LT:- 3106 2FY1-05_HV Dr. Sarveen Kaur Sachdeva
		Batch_C2 LT:- 3101 2FY2-02_PHY Nikita Gautam					
		Batch_C3 LT:- 3101 2FY2-02_PHY Nikita Gautam					

CSE_D

Class teacher : Tripti Verma
LT:- 3107

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	CSE_D LT:- 3107 2FY2-01_EM-1 Dr. Piyusha Somvanshi	CSE_D LT:- 3107 2FY1-05_HV Tripti Verma	CSE_D LT:- 3107 2FY3-09_BCE Dr. Mayank Gupta	Batch_D1 LB:- 3308 2FY3-29_CAMD MR. VAIBHAV SHARMA Batch_D2 LB:- 3003 2FY3-24_CPL Deepika Agarwal Batch_D3 LT:- 3206 2FY2-01_EM-I Dr. Piyusha Somvanshi	**Break/ Lunch**	2FY3-29_CAMD LB:- 3308 Batch_D1 MR. VAIBHAV SHARMA 2FY3-24_CPL LB:- 3003 Batch_D2 Deepika Agarwal 2FY1-23_HV Lab. LB:- 3B07 Batch_D3 Tripti Verma	
Tuesday	Batch_D1 LB:- 3003 2FY3-24_CPL Deepika Agarwal Batch_D2 LB:- 3308 2FY3-29_CAMD MR. VAIBHAV SHARMA Batch_D3 LB:- 3002 2FY3-24_CPL MR. AMITESH KUMAR			CSE_D LT:- 3107 2FY2-02_PHY Dr. ROBIN GUPTA		CSE_D LT:- 3107 2FY2-01_EM-1 Dr. Piyusha Somvanshi	CSE_D LT:- 3107 2FY3-06_PPS MR. SANJAY KUMAR GUPTA
Wednesday	Batch_D1 LT:- 3111 2FY2-02_PHY Dr. ROBIN GUPTA 2FY2-20_Phy Lab LB:- 3208 Batch_D2 Rajesh Kumar Batch_D3 LB:- 3007 2FY3-29_CAMD MR. VAIBHAV SHARMA	Batch_D1 LT:- 3306 2FY2-01_EM-1 Dr. Piyusha Somvanshi	2FY1-23_HV Lab. LB:- 3B07 Batch_D1 Tripti Verma 2FY3-27_BCE Lab. LB:- 3103 Batch_D2 MR. LAXMIKANT SAINI	Batch_D3 LT:- 3307 2FY2-02_PHY Dr. ROBIN GUPTA		CSE_D LT:- 3107 2FY2-02_PHY Dr. ROBIN GUPTA	CSE_D LT:- 3107 2FY2-01_EM-1 Dr. Piyusha Somvanshi
Thursday	CSE_D LT:- 3107 2FY3-09_BCE Dr. Mayank Gupta	CSE_D LT:- 3107 2FY1-05_HV Tripti Verma	2FY3-27_BCE Lab. LB:- 3103 Batch_D1 Dr. Siddharth Batch_D2 LT:- 3306 2FY2-02_PHY Dr. ROBIN GUPTA 2FY2-20_Phy Lab LB:- 3208 Batch_D3 Rajesh Kumar	Batch_D2 LT:- 3107 2FY2-01_EM-I Dr. Piyusha Somvanshi		CSE_D LT:- 3107 2FY2-02_PHY Dr. ROBIN GUPTA	CSE_D LT:- 3107 2FY3-06_PPS MR. SANJAY KUMAR GUPTA
Friday	2FY2-20_Phy Lab LB:- 3208 Batch_D1 Rajesh Kumar 2FY1-23_HV Lab. LB:- 3B07 Batch_D2 Tripti Verma 2FY3-27_BCE Lab. LB:- 3103 Batch_D3 MR. LAXMIKANT SAINI		CSE_D LT:- 3107 2FY3-06_PPS MR. SANJAY KUMAR GUPTA	CSE_D LT:- 3107 2FY3-09_BCE Dr. Mayank Gupta		CSE_D LT:- 3107 2FY2-01_EM-1 Dr. Piyusha Somvanshi	CSE_D LT:- 3107 2FY2-02_PHY Dr. ROBIN GUPTA

CSE(R)_E

Class teacher : Dr. Mayank Gupta, Deepika Agarwal
LT:- 3201

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	2FY1-23_HV Lab. LB:- 3B07 Batch_E1 MS. MEENAKSHI DEORA		CSE(R)_E LT:- 3201 2FY2-01_EM-1 Dr. Piyusha Somvanshi	CSE(R)_E LT:- 3201 2FY1-05_HV Dr. Sarveen Kaur Sachdeva	Break/ Lunch	Batch_E1 LT:- 3306 2FY2-02_PHY Dr. NEERAJ JAIN	Batch_E1 LT:- 3306 2FY2-01_EM-1 Dr. Piyusha Somvanshi
	2FY3-27_BCE Lab. LB:- 3103 Batch_E2 Dr. Mayank Gupta					2FY2-20_Phy Lab LB:- 3208 Batch_E2 Dr. Priyanka Lodha	
	2FY2-20_Phy Lab LB:- 3208 Batch_E3 Dr. ROBIN GUPTA					2FY3-27_BCE Lab. LB:- 3103 Batch_E3 Dr. Mayank Gupta	
Tuesday	CSE(R)_E LT:- 3201 2FY3-09_BCE Dr. Mayank Gupta	CSE(R)_E LT:- 3201 2FY2-02_PHY Dr. NEERAJ JAIN	CSE(R)_E LT:- 3201 2FY2-01_EM-1 Dr. Piyusha Somvanshi	Batch_E1 LB:- 3002 2FY3-24_CPL Mr. DEEPAK BABERWAL		2FY3-24_CPL LB:- 3002 Batch_E1 Mr. DEEPAK BABERWAL	
				Batch_E2 LT:- 3201 2FY2-02_PHY Dr. NEERAJ JAIN		2FY1-23_HV Lab. LB:- 3B07 Batch_E2 MS. MEENAKSHI DEORA	
				Batch_E3 LB:- 3007 2FY3-29_CAMD Manoj Sharma		2FY3-29_CAMD LB:- 3007 Batch_E3 Manoj Sharma	
Wednesday	2FY3-27_BCE Lab. LB:- 3103 Batch_E1 Dr. Mayank Gupta		2FY2-20_Phy Lab LB:- 3208 Batch_E1 Dr. Priyanka Lodha			CSE(R)_E LT:- 3201 2FY2-02_PHY Dr. NEERAJ JAIN	CSE(R)_E LT:- 3201 2FY3-06_PPS Deepika Agarwal
	Batch_E2 LB:- 3003 2FY3-24_CPL Mr. DEEPAK BABERWAL			Batch_E2 LT:- 3301 2FY2-01_EM-1 Dr. Piyusha Somvanshi			
	2FY1-23_HV Lab. LB:- 3B07 Batch_E3 MS. MEENAKSHI DEORA		Batch_E3 LT:- 3107 2FY2-01_EM-1 Dr. Piyusha Somvanshi	Batch_E3 LT:- 3107 2FY2-02_PHY Dr. NEERAJ JAIN			
Thursday	CSE(R)_E LT:- 3201 2FY2-02_PHY Dr. NEERAJ JAIN	CSE(R)_E LT:- 3201 2FY1-05_HV Dr. Sarveen Kaur Sachdeva	CSE(R)_E LT:- 3201 2FY2-02_PHY Dr. NEERAJ JAIN	CSE(R)_E LT:- 3201 2FY3-09_BCE Dr. Mayank Gupta		CSE(R)_E LT:- 3201 2FY3-06_PPS Deepika Agarwal	CSE(R)_E LT:- 3201 2FY2-01_EM-1 Dr. Piyusha Somvanshi
Friday	CSE(R)_E LT:- 3201 2FY2-01_EM-1 Dr. Piyusha Somvanshi	CSE(R)_E LT:- 3201 2FY3-06_PPS Deepika Agarwal	CSE(R)_E LT:- 3201 2FY3-09_BCE Dr. Mayank Gupta	Batch_E1 LB:- 3007 2FY3-29_CAMD Dhananjay Kumar		2FY3-29_CAMD LB:- 3007 Batch_E1 Dhananjay Kumar	
				Batch_E2 LB:- 3006 2FY3-29_CAMD Manoj Sharma		2FY3-29_CAMD LB:- 3006 Batch_E2 Manoj Sharma	
				Batch_E3 LB:- 3003 2FY3-24_CPL MR. SANJAY KUMAR GUPTA		2FY3-24_CPL LB:- 3003 Batch_E3 MR. SANJAY KUMAR GUPTA	

IT_F

Class teacher : Richa Chaudhary, Sumit Sharma
LT:- 3211

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	IT_F LT:- 3211 2FY1-04_CS Dr. Kuldip Sharma	IT_F LT:- 3211 2FY2-01_EM-1 Anu Arora	IT_F LT:- 3211 2FY2-03_CHY Dr. Rekha Nair	IT_F LT:- 3211 2FY2-03_CHY Dr. Rekha Nair	Break/ Lunch	IT_F LT:- 3211 2FY3-07_BME Dr. Peeyush Vats	IT_F LT:- 3211 2FY3-08_BEE Richa Chaudhary
Tuesday	2FY3-26_BEE Lab. LB:- 3202 Batch_F1 Richa Chaudhary 2FY2-21_Chy Lab. LB:- 3303 Batch_F2 MR. VEDANSHU VASHISTHA Batch_F3 LB:- 3007 2FY3-29_CAMD Dr. Ankit Tyagi	Batch_F1 LT:- 3107 2FY2-01_EM-1 Kamlesh Kumar Batch_F2 LT:- 3211 2FY2-03_CHY Dr. Rekha Nair	IT_F LT:- 3211 2FY3-07_BME Dr. Peeyush Vats			IT_F LT:- 3211 2FY1-04_CS Dr. Kuldip Sharma	IT_F LT:- 3211 2FY2-01_EM-1 Anu Arora
Wednesday	IT_F LT:- 3211 2FY2-01_EM-1 Anu Arora	IT_F LT:- 3211 2FY2-03_CHY Dr. Rekha Nair	IT_F LT:- 3211 2FY3-08_BEE Richa Chaudhary	Batch_F1 LB:- 3006 2FY3-29_CAMD Dr. Ankit Tyagi Batch_F2 LT:- 3207 2FY2-01_EM-1 Kamlesh Kumar Batch_F3 LB:- 3B04 2FY3-25_MPWS Manoj Sharma		2FY3-29_CAMD LB:- 3006 Batch_F1 Dr. Ankit Tyagi 2FY1-22_Lang. Lab. LB:- 3102 Batch_F2 Dr. Inderjeet Singh 2FY3-25_MPWS LB:- 3B04 Batch_F3 Manoj Sharma	
Thursday	2FY1-22_Lang. Lab. LB:- 3102 Batch_F1 Dr. Kuldip Sharma Batch_F2 LB:- 3B02 2FY3-25_MPWS Manoj Sharma 2FY3-26_BEE Lab. LB:- 3202 Batch_F3 Richa Chaudhary	Batch_F1 LT:- 3211 2FY2-03_CHY Dr. Rekha Nair 2FY1-22_Lang. Lab. LB:- 3102 Batch_F3 Dr. Inderjeet Singh	Batch_F1 LB:- 3B02 2FY3-25_MPWS Dhananjay Kumar Batch_F2 LB:- 3006 2FY3-29_CAMD Dr. Ankit Tyagi		2FY3-25_MPWS LB:- 3B02 Batch_F1 Dhananjay Kumar 2FY3-29_CAMD LB:- 3006 Batch_F2 Dr. Ankit Tyagi 2FY2-21_Chy Lab. LB:- 3302 Batch_F3 MR. VEDANSHU VASHISTHA	
Friday	2FY2-21_Chy Lab. LB:- 3303 Batch_F1 MR. VEDANSHU VASHISTHA 2FY3-26_BEE Lab. LB:- 3202 Batch_F2 Richa Chaudhary Batch_F3 LT:- 3101 2FY2-01_EM-1 Kamlesh Kumar	Batch_F3 LT:- 3211 2FY2-03_CHY Dr. Rekha Nair	IT_F LT:- 3211 2FY2-01_EM-1 Anu Arora	IT_F LT:- 3211 2FY2-03_CHY Dr. Rekha Nair		IT_F LT:- 3211 2FY3-08_BEE Richa Chaudhary	IT_F LT:- 3211 2FY3-07_BME Dr. Peeyush Vats

CIVIL+ME_G

Class teacher : Dr. Meena Tekriwal, Bhavanesh Sharma
LT:- 3111

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	2FY3-26_BEE Lab. LB:- 3202 Batch_G1 Richa Chaudhary		Batch_G1 LT:- 3111 2FY2-01_EM-1 Amarjeet Bharti	CIVIL+ME_GT:- 3111 2FY3-08_BEE Bhavanesh Sharma	Break/ Lunch	CIVIL+ME_GT:- 3111 2FY2-03_CHY Dr. Meena Tekriwal	CIVIL+ME_GT:- 3111 2FY2-01_EM-1 Amarjeet Bharti
	Batch_G2 LT:- 3111 2FY2-03_CHY Dr. Meena Tekriwal	2FY2-21_Chy Lab. LB:- 3302 Batch_G2 MR. NAVEEN SHARMA					
	Batch_G3 LB:- 3007 2FY3-29_CAMD Dhananjay Kumar						
Tuesday	CIVIL+ME_GT:- 3111 2FY3-07_BME Dr. Ratnesh Kumar Sharma	CIVIL+ME_GT:- 3111 2FY1-04_CS Tripti Verma	2FY2-21_Chy Lab. LB:- 3303 Batch_G1 MR. NAVEEN SHARMA			CIVIL+ME_GT:- 3111 2FY2-03_CHY Dr. Meena Tekriwal	CIVIL+ME_GT:- 3111 2FY2-01_EM-1 Amarjeet Bharti
			2FY1-22_Lang. Lab. LB:- 3102 Batch_G2 Tripti Verma				
			2FY3-26_BEE Lab. LB:- 3202 Batch_G3 Richa Chaudhary				
Wednesday	Batch_G1 LB:- 3B04 2FY3-25_MPWS MR. SHAILENDRA KASERA			CIVIL+ME_GT:- 3111 2FY3-07_BME Dr. Ratnesh Kumar Sharma		CIVIL+ME_GT:- 3111 2FY2-01_EM-1 Amarjeet Bharti	CIVIL+ME_GT:- 3111 2FY1-04_CS Tripti Verma
	2FY3-26_BEE Lab. LB:- 3202 Batch_G2 Richa Chaudhary		Batch_G2 LT:- 3206 2FY2-01_EM-1 Amarjeet Bharti				
	2FY1-22_Lang. Lab. LB:- 3102 Batch_G3 Tripti Verma		Batch_G3 LT:- 3111 2FY2-03_CHY Dr. Meena Tekriwal				
Thursday	Batch_G1 LB:- 3308 2FY3-29_CAMD Dr. Peeyush Vats			CIVIL+ME_GT:- 3111 2FY2-01_EM-1 Amarjeet Bharti		CIVIL+ME_GT:- 3111 2FY3-08_BEE Bhavanesh Sharma	CIVIL+ME_GT:- 3111 2FY2-03_CHY Dr. Meena Tekriwal
	Batch_G2 LB:- 3006 2FY3-29_CAMD Dhananjay Kumar						
	Batch_G3 LB:- 3B04 2FY3-25_MPWS MR. VAIBHAV SHARMA						
Friday	CIVIL+ME_GT:- 3111 2FY3-08_BEE Bhavanesh Sharma	CIVIL+ME_GT:- 3111 2FY2-03_CHY Dr. Meena Tekriwal	2FY1-22_Lang. Lab. LB:- 3102 Batch_G1 Tripti Verma			Batch_G1 LT:- 3101 2FY2-03_CHY Dr. Meena Tekriwal	CIVIL+ME_GT:- 3111 2FY3-07_BME Dr. Ratnesh Kumar Sharma
			2FY3-25_MPWS LB:- 3B02 Batch_G2 MR. VAIBHAV SHARMA			Batch_G2 LB:- 3B02 2FY3-25_MPWS MR. VAIBHAV SHARMA	
			2FY2-21_Chy Lab. LB:- 3303 Batch_G3 MR. VEDANSHU VASHISTHA			Batch_G3 LT:- 3206 2FY2-01_EM-1 Amarjeet Bharti	

AI_H

Class teacher : Dr. Sarveen Kaur Sachdeva
LT:- 3207

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	Batch_H1 LB:- 3B04 2FY3-25_MPWS MS. ASHABAI KUMAWAT			Batch_H1 LB:- 3007 2FY3-29_CAMD Dr. Ratnesh Kumar Sharma	**Break/ Lunch**	2FY3-29_CAMD LB:- 3007 Batch_H1 Dr. Ratnesh Kumar Sharma	
	2FY1-22_Lang. Lab. LB:- 3102 Batch_H2 Dr. Sarveen Kaur Sachdeva		Batch_H2 LT:- 3307 2FY2-03_CHY Dinesh Sharma	Batch_H2 LB:- 3B04 2FY3-25_MPWS MS. ASHABAI KUMAWAT		2FY3-25_MPWS LB:- 3B04 Batch_H2 MS. ASHABAI KUMAWAT	
	Batch_H3 LB:- 3B02 2FY3-25_MPWS MR. SHAILENDRA KASERA			Batch_H3 LT:- 3306 2FY2-01_EM-I Kamlesh Kumar		2FY1-22_Lang. Lab. LB:- 3102 Batch_H3 Dr. Sarveen Kaur Sachdeva	
Tuesday	AI_H LT:- 3207 2FY3-07_BME Dhananjay Kumar	AI_H LT:- 3207 2FY2-01_EM-1 Amarjeet Bharti	AI_H LT:- 3207 2FY3-08_BEE Dr. Abhishek Singh	AI_H LT:- 3207 2FY2-03_CHY Dinesh Sharma		AI_H LT:- 3207 2FY2-03_CHY Dinesh Sharma	AI_H LT:- 3207 2FY1-04_CS Dr. Sarveen Kaur Sachdeva
Wednesday	AI_H LT:- 3207 2FY2-03_CHY Dinesh Sharma	AI_H LT:- 3207 2FY2-01_EM-1 Amarjeet Bharti	2FY1-22_Lang. Lab. LB:- 3102 Batch_H1 Dr. Sarveen Kaur Sachdeva			Batch_H1 LT:- 3207 2FY2-03_CHY Dinesh Sharma	Batch_H1 LT:- 3206 2FY2-01_EM-I Kamlesh Kumar
			2FY2-21_Chy Lab. LB:- 3302 Batch_H2 MR. NAVEEN SHARMA			2FY3-26_BEE Lab. LB:- 3202 Batch_H2 Bhavanesh Sharma	
			Batch_H3 LT:- 3207 2FY2-03_CHY Dinesh Sharma	Batch_H3 LB:- 3308 2FY3-29_CAMD Dr. Peeyush Vats		2FY3-29_CAMD LB:- 3308 Batch_H3 Dr. Peeyush Vats	
Thursday	AI_H LT:- 3207 2FY3-08_BEE Dr. Abhishek Singh	AI_H LT:- 3207 2FY2-01_EM-1 Amarjeet Bharti	2FY2-21_Chy Lab. LB:- 3302 Batch_H1 MR. NAVEEN SHARMA			2FY3-26_BEE Lab. LB:- 3202 Batch_H1 Richa Chaudhary	
			Batch_H2 LT:- 3207 2FY2-01_EM-I Kamlesh Kumar	Batch_H2 LB:- 3308 2FY3-29_CAMD Dr. Peeyush Vats		2FY3-29_CAMD LB:- 3308 Batch_H2 Dr. Peeyush Vats	
			2FY3-26_BEE Lab. LB:- 3202 Batch_H3 Bhavanesh Sharma			2FY2-21_Chy Lab. LB:- 3303 Batch_H3 MR. NAVEEN SHARMA	
Friday	AI_H LT:- 3207 2FY3-07_BME Dhananjay Kumar	AI_H LT:- 3207 2FY3-07_BME Dhananjay Kumar	AI_H LT:- 3207 2FY2-01_EM-1 Amarjeet Bharti	AI_H LT:- 3207 2FY1-04_CS Dr. Sarveen Kaur Sachdeva		AI_H LT:- 3207 2FY3-08_BEE Dr. Abhishek Singh	AI_H LT:- 3207 2FY2-03_CHY Dinesh Sharma

AI & DS_I

Class teacher : Riddhi Shrivastav, Dr. Kuldip Sharma

LT:- 3301

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	AI & DS_I LT:- 3301 2FY3-07_BME Manoj Sharma	AI & DS_I LT:- 3301 2FY3-07_BME Manoj Sharma	2FY3-26_BEE Lab. LB:- 3202 Batch_I1 Dr. Abhishek Singh 2FY1-22_Lang. Lab. LB:- 3102 Batch_I2 Dr. Kuldip Sharma 2FY2-21_Chy Lab. LB:- 3303 Batch_I3 Dr. Meena Tekriwal		Break/ Lunch	AI & DS_I LT:- 3301 2FY2-03_CHY Riddhi Shrivastav	AI & DS_I LT:- 3301 2FY3-08_BEE Dr. Abhishek Singh
Tuesday	AI & DS_I LT:- 3301 2FY3-07_BME Manoj Sharma	AI & DS_I LT:- 3301 2FY1-04_CS Dr. Kuldip Sharma	AI & DS_I LT:- 3301 2FY2-03_CHY Riddhi Shrivastav	Batch_I1 LB:- 3B04 2FY3-25_MPWS MS. ASHABAI KUMAWAT Batch_I2 LT:- 3101 2FY2-01_EM-1 Kamlesh Kumar Batch_I3 LB:- 3006 2FY3-29_CAMD Dr. Ratnesh Kumar Sharma		2FY3-25_MPWS LB:- 3B04 Batch_I1 MS. ASHABAI KUMAWAT 2FY2-21_Chy Lab. LB:- 3303 Batch_I2 Dr. Anurika Mehta 2FY3-29_CAMD LB:- 3006 Batch_I3 Dr. Ratnesh Kumar Sharma	
Wednesday	AI & DS_I LT:- 3301 2FY1-04_CS Dr. Kuldip Sharma	AI & DS_I LT:- 3301 2FY2-01_EM-1 Kamlesh Kumar	2FY2-21_Chy Lab. LB:- 3303 Batch_I1 Dr. Anurika Mehta 2FY3-26_BEE Lab. LB:- 3202 Batch_I2 Dr. Abhishek Singh Batch_I3 LT:- 3307 2FY2-01_EM-1 Kamlesh Kumar	Batch_I3 LT:- 3306 2FY2-03_CHY Riddhi Shrivastav		AI & DS_I LT:- 3301 2FY3-08_BEE Dr. Abhishek Singh	AI & DS_I LT:- 3301 2FY2-03_CHY Riddhi Shrivastav
Thursday	AI & DS_I LT:- 3301 2FY2-01_EM-1 Kamlesh Kumar	AI & DS_I LT:- 3301 2FY2-01_EM-1 Kamlesh Kumar	AI & DS_I LT:- 3301 2FY2-03_CHY Riddhi Shrivastav	Batch_I1 LT:- 3211 2FY2-03_CHY Riddhi Shrivastav Batch_I2 LB:- 3007 2FY3-29_CAMD Dr. Ratnesh Kumar Sharma Batch_I3 LB:- 3B04 2FY3-25_MPWS MS. ASHABAI KUMAWAT		2FY1-22_Lang. Lab. LB:- 3102 Batch_I1 Dr. Kuldip Sharma 2FY3-29_CAMD LB:- 3007 Batch_I2 Dr. Ratnesh Kumar Sharma 2FY3-25_MPWS LB:- 3B04 Batch_I3 MS. ASHABAI KUMAWAT	
Friday	Batch_I1 LB:- 3007 2FY3-29_CAMD Dr. Ratnesh Kumar Sharma Batch_I2 LB:- 3B04 2FY3-25_MPWS MS. ASHABAI KUMAWAT 2FY1-22_Lang. Lab. LB:- 3102 Batch_I3 Dr. Kuldip Sharma		2FY3-26_BEE Lab. LB:- 3202 Batch_I3 Dr. Abhishek Singh	Batch_I1 LT:- 3306 2FY2-01_EM-1 Kamlesh Kumar Batch_I2 LT:- 3206 2FY2-03_CHY Riddhi Shrivastav		AI & DS_I LT:- 3301 2FY2-01_EM-1 Kamlesh Kumar	AI & DS_I LT:- 3301 2FY3-08_BEE Dr. Abhishek Singh

Cyber_j

Class teacher : Dr. Anurika Mehta, Dr. Inderjeet Singh
LT:- 3311

	1 8:30 - 9:30	2 9:30 - 10:30	3 10:30 - 11:30	4 11:30 - 12:30	Break 12:30 - 13:20	5 13:20 - 14:20	6 14:20 - 15:20
Monday	Cyber_J LT:- 3311 2FY2-01_EM-1 Anu Arora	Cyber_J LT:- 3311 2FY3-07_BME Dr. Ankit Tyagi	Cyber_J LT:- 3311 2FY3-08_BEE Bhavanesh Sharma	Batch_J1 LB:- 3006 2FY3-29_CAMD MR. SHAILENDRA KASERA Batch_J2 LB:- 3B02 2FY3-25_MPWS Sumit Sharma Batch_J3 LT:- 3311 2FY2-03_CHY Dr. Anurika Mehta	Break/ Lunch	2FY3-29_CAMD LB:- 3006 Batch_J1 MR. SHAILENDRA KASERA 2FY3-25_MPWS LB:- 3B02 Batch_J2 Sumit Sharma 2FY3-26_BEE Lab. LB:- 3202 Batch_J3 Bhavanesh Sharma	
Tuesday	Batch_J1 LB:- 3B02 2FY3-25_MPWS Sumit Sharma Batch_J2 LB:- 3006 2FY3-29_CAMD MR. SHAILENDRA KASERA 2FY1-22_Lang. Lab. LB:- 3102 Batch_J3 Dr. Inderjeet Singh		Batch_J3 LT:- 3101 2FY2-01_EM-1 Anu Arora	Batch_J1 LT:- 3307 2FY2-03_CHY Dr. Anurika Mehta Batch_J2 LT:- 3311 2FY2-01_EM-1 Anu Arora Batch_J3 LB:- 3B02 2FY3-25_MPWS Dhananjay Kumar		2FY1-22_Lang. Lab. LB:- 3102 Batch_J1 Tripti Verma 2FY3-26_BEE Lab. LB:- 3202 Batch_J2 Bhavanesh Sharma 2FY3-25_MPWS LB:- 3B02 Batch_J3 Dhananjay Kumar	
Wednesday	Cyber_J LT:- 3311 2FY3-08_BEE Bhavanesh Sharma	Cyber_J LT:- 3311 2FY3-07_BME Dr. Ankit Tyagi	Cyber_J LT:- 3311 2FY2-01_EM-1 Anu Arora	Cyber_J LT:- 3311 2FY1-04_CS Dr. Inderjeet Singh		Cyber_J LT:- 3311 2FY2-03_CHY Dr. Anurika Mehta	Cyber_J LT:- 3311 2FY2-03_CHY Dr. Anurika Mehta
Thursday	2FY2-21_Chy Lab. LB:- 3303 Batch_J1 MR. VEDANSHU VASHISTHA 2FY2-21_Chy Lab. LB:- 3302 Batch_J2 Riddhi Shrivastav Batch_J3 LB:- 3007 2FY3-29_CAMD MR. SHAILENDRA KASERA		Batch_J1 LT:- 3107 2FY2-01_EM-1 Anu Arora Batch_J2 LT:- 3311 2FY2-03_CHY Dr. Anurika Mehta	Cyber_J LT:- 3311 2FY2-03_CHY Dr. Anurika Mehta		Cyber_J LT:- 3311 2FY2-01_EM-1 Anu Arora	Cyber_J LT:- 3311 2FY3-08_BEE Bhavanesh Sharma
Friday	Cyber_J LT:- 3311 2FY2-03_CHY Dr. Anurika Mehta	Cyber_J LT:- 3311 2FY2-01_EM-1 Anu Arora	Cyber_J LT:- 3311 2FY1-04_CS Dr. Inderjeet Singh	Cyber_J LT:- 3311 2FY3-07_BME Dr. Ankit Tyagi		2FY3-26_BEE Lab. LB:- 3202 Batch_J1 Bhavanesh Sharma 2FY1-22_Lang. Lab. LB:- 3102 Batch_J2 Dr. Inderjeet Singh 2FY2-21_Chy Lab. LB:- 3303 Batch_J3 Riddhi Shrivastav	

9. Course Outcome Attainment Process:

7.3 Course Outcome Attainment Process

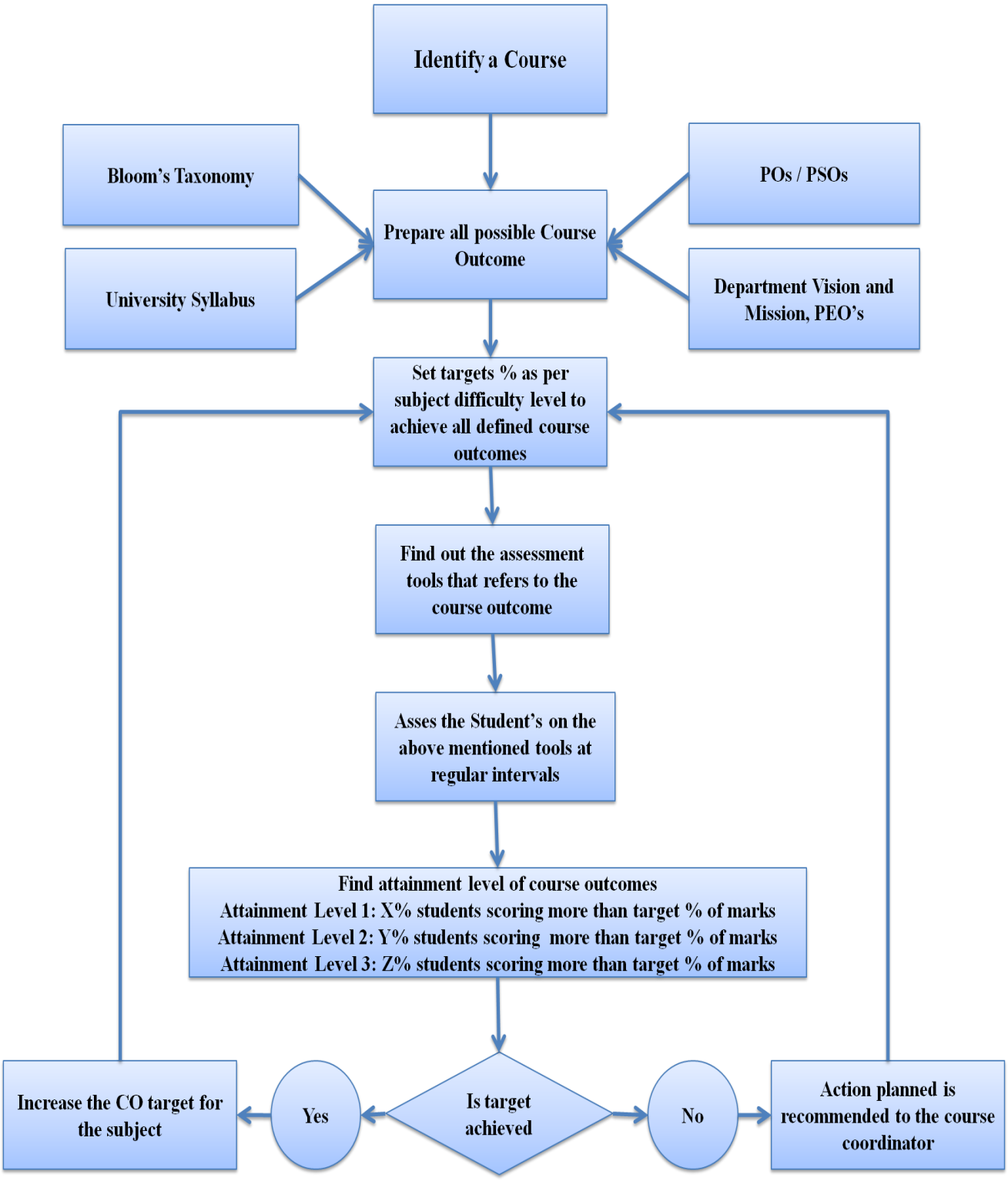


Figure. Course Outcome Attainment Process

7.4 List of CO & CO mapping with PO

POORNIMA COLLEGE OF ENGINEERING, JAIPUR

Department of First Year

Curriculum Mapping with PO-PSO (2023-2027)

Semester	Subject Name	Subject Code as per NBA	Difficulty Level	Subject Code	LO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I/II	Engineering Mathematics-I		A	1FY2-01.1	Recall basic concepts definite integrals, sequence and series, periodic functions and multivariable functions.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY2-01.2	Explain properties and concepts of beta and gamma function, convergence of sequence and series, Fourier series and multivariable calculus.	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY2-01.3	Apply properties of beta and gamma functions and definite integrals to find surface area and volumes of revolution. They will be able to apply partial derivatives and multiple integrals and Fourier series to solve many problems in science and engineering.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY2-01.4	Analyse Fourier series and multi-variable calculus to make many useful deductions which lay down foundation of real world problems.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		2.00	2.00													
I/II	Engineering Physics		A	1FY2-02.1	Describe the concepts of Wave and Quantum mechanics, Laser and Fiber optics, material science and electromagnetic theory	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY2-02.2	Understand the physical significance of matter wave. Divergence , curl and Maxwell's equations,Q- factor of light, necessary conditions of Laser , Origin of energy bands in solids, properties of covalent and metallic compounds.	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				1FY2-02.3	Apply Newton's ring , Michelson's Interferometer, grating and Hall effect to measure various physical quantities, optical fibre and laser in various fields.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY2-02.4	Analyze the salient features of Newton's ring, grating spectra, crystal structure through X-ray Diffraction ,Extrinsic semiconductor , Energy states and probability density in 1-D & 3-D box, Visibility as a measure of coherence	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		**1.50**	**1.50**													
I/II	**Programming for Problem Solving**		**B**	**1FY3-06.1**	Understand the basic concepts of fundamental of computer system, number system and rogramming. (Remembering)	**1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY3-06.2	Explain various memory units, representation of number system and Conditional, Iterative statements using arrays, string, pointers, file structure. (Understanding)	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY3-06.3	Examine the concept of algorithms, flowchart, Operators, Pointer, Array, String, structure, union using modularization to solve complex problems using C Programming (Applying)	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY3-06.4	Illustrate the User Defined functions, Memory management and File concepts to solve real time problems using C Programming (Analyzing)	-	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		**2.00**	**2.00**													
I/II	**Basic Civil Engineering**		**B**	**1FY3-09.1**	Impart basic knowledge on importance of civil engineering in the infrastructural and sustainable development of society.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY3-09.2	Understand the concept of surveying, building components and its importance, R.C.C., transportation and environmental engineering.	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY3-09.3	Illustrates the procedure for ranging, bearing, leveling and techniques of treatment and disposal of water, waste water and sanitation.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				1FY3-09.4	Computes the errors in linear and angular measurements, elevation of respective points on the ground.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		**2.00**	**1.00**													
I/II	**Engineering Mathematics-II**		**A**	**2FY2-01.1**	Recall order and degree of differential equations and define rank of matrix, Eigen values and Eigen vectors of the matrix.	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY2-01.2	Explain various methods of solution of ordinary differential equations and matrix.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY2-01.3	Apply an appropriate analytical technique to find solution of higher order differential equations.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY2-01.4	Classify higher order partial differential equations and analyse a wide variety of time dependent phenomena of real world including heat conduction, wave equation particle diffusion.	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		**2.50**	**2.50**													
I/II	**Engineering Chemistry**		**A**	**2FY2-03.1**	Recall the properties of water, organic fuel, Theories of corrosion, engineering materials and types of organic reactions.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY2-03.2	Describe characteristics of water, fuel, Engineering materials, corrosion of metals and organic reaction mechanism.	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY2-03.3	Determine the hardness of water, calorific value of fuels and rate of corrosion of metals for Industrial as well as domestic purposes.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY2-03.4	Analyze different techniques of water treatment, fuel analysis, Manufacturing of engineering materials, corrosion protection methods and applications of organic reaction mechanisms.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		**2.00**	**1.00**													
I/II	**Communication Skills**		**C**	**2FY1-04.1**	Describe the process of communication, basics of Grammar and Writing and Literary Aspects	-	-	-	-	-	-	-	-	-	1	-	-	-	-	

				2FY1-04.2	Explain the types of communication, barriers and channels of communication and the concept of Literature through Short Stories and poetry		-	-	-	-	-	-	-	-	2	-	-	-	-	
				2FY1-04.3	Write and prepare professional reports, paragraph and business letters with the correct use of grammar	-	-	-	-	-	-	-	-	-	3	-	-	-	-	
				2FY1-04.4	Discuss and illustrate the impact of social and moral values by implying the basics of English Writing Skills through literary aspects.	-	-	-	-	-	-	-	2	-	-	-	-	-	-	
				2FY1-04.5	Restate and outline the basic areas of English Language Skills with the applications of literature.	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
				Target									**2.00**		**2.00**		**2.00**			
I/II	**Human Values Activities and Sports**		**C**	**1FY1-23.1**	Recall the natural and social issues and their remedies.	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
				1FY1-23.2	Describe the nature of human values and the impact of external factors over it.	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
				1FY1-23.3	Validate through actions the significance of trust, respect and harmony with self and surroundings.	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
				1FY1-23.4	Outline the relation of human with nature and other factors in terms of human existence	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
				1FY1-23.5	Associate the knowledge of self and society with clear understanding of social issues and the human beings.	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
				Target							**2.00**		**2.33**				**2.00**			
I/II	**Basic Mechanical Engineering**		**B**	**2FY3-07.1**	Students will be able to retrieve the basic concepts of Mechanical Engineering specially related to thermal engineering, power transmission and manufacturing processes. (Recall/Remembering).	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY3-07.2	Students will able to understand the various concepts of thermal engineering, power transmissions and manufacturing processes with the help of some real world example. (Understand)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				2FY3-07.3	Students will able to understand the functioning of turbine & pumps, IC engines, refrigeration system, modes of ransmission of power, materials and primary manufacturing process. (Understand)	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY3-07.4	Student will be able to appraise the fundamental knowledge of manufacturing processes, in addition to understanding of power transmission to solve the industrial and societal issues. (Apply)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		**2.00**	**1.00**													
I/II	**Basic Electrical Engineering**		**B**	**2FY3-08.1**	Understand the basic terminology/definitions of electrical and electronics engineering	3	2	-	-	1	2	2	-	-	-	-	-	-	-	-
				2FY3-08.2	Apply the knowledge of theorems/laws for the simple circuits	3	3	-	-	-	-	-	-	-	-	-	-			
				2FY3-08.3	Construct and analyze simple AC circuits	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY3-08.4	Use the principles of electromagnetic induction in electrical applications	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY3-08.5	Calculate the energy consumption for domestic ,industrial and commercial Load.	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
				Target		**3.00**	**2.60**			**1.00**	**2.00**	**2.00**								

Semester	**Subject Name**	**Subject Code as per NBA**	**Difficulty Level**	**Subject Code**	**LO**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
I/II	**Computer aided engineering graphics**	**1FY3-28**	**B**	**1FY3-28.1**	Recall the basics of drawing including use of tools, standards, dimensioning types and methods for technical drawings and have basic insight about the use of Auto CAD for engineering graphics.	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY3-28.2	Select appropriate tools and demonstrate skills to use those in to various modern software. (Engg. Knowledge, modern tools usages)	**2**	-	-	-	**2**	-	-	-	-	-	-	-	-	-	-

				1FY3-28.3	Illustrate, restructure and examine the design to make it applicable to the society.(Analyze, society).	-	**2**	-	-		**2**	-	-	-	-	-	-	-	-	-
				1FY3-28.4	Design a part, product or system meeting desired specifications and demonstrate appropriate level of independent thinking, creativity in solving real world problems (Design, lifelong learning)) PO12	-	-	**2**	-	-	-	-	-	-	-	-	**3**	-	-	-
				Target		**2.00**	**2.00**	**2.00**		**2.00**	**2.00**						**3.00**			
I/II	**Computer aided machine drawing**	**2FY3-29**	**B**	**2FY3-29.1**	Recall the basics of drawing including use of tools, standards, dimensioning types and methods for technical drawings and have basic insight about the use of CAD software for machine drawing.	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2FY3-29.2	Analyze and design a two dimensional object or three dimensional object and demonstrate skills to use those in to various modern software. **(Understand)**	**2**	-	-	-	**2**	-	-	-	-	-	-	-	-	-	-
				2FY3-29.3	Illustrate, restructure and examine the design to make it applicable to the society.(Analyze, society).	-	**2**	-	-		**2**	-	-	-	-	-	-	-	-	-
				2FY3-29.4	Design a part, product or system meeting desired specifications and demonstrate appropriate level of independent thinking, creativity in solving real world problems (Design, lifelong learning)) PO12	-	-	**2**	-	-	-	-	-	-	-	-	**3**	-	-	-
				Target		**2.00**	**2.00**	**2.00**		**2.00**	**2.00**						**3.00**			
I/II	**Workshop**	**1FY/2FY3-25**	**B**	**1FY/2FY3-25.1**	Understand the appropriate tools, materials, instruments required for specific operations in workshop. **(Understand)**	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY/2FY3-25.2	Select appropriate machine tools and demonstrate skills to use that tools in efficient way.	-	**2**	-	-	**2**	-	-	-	-	-	-	-	-	-	-
				1FY/2FY3-25.3	Identify health, safety, environment issues related to various manufacturing processes (Society).	-	-	-	-	-	**2**	-	-	-	-	-	-	-	-	-
				1FY/2FY3-25.4	Manufacture a part or product desired specifications and demonstrate appropriate level of independent thinking, creativity in solving real world problems (Design, lifelong	-	-	**2**	-	-	-	-	-	-	-	-	**3**	-	-	-

					learning)) PO12															
				Target		**2.00**	**2.00**	**2.00**		**2.00**	**2.00**						**3.00**			
I/II	**Computer Programming Lab**	**1FY3/2FY-24**	**B**	**1FY3/2FY-24.1**	Relate the fundamental of C Programming as variable, operators and taxonomy to write a basic C Program. (Understand)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				1FY3/2FY-24.2	Demonstrate the concept of control statements that perform operations along with specific program and provide the solution for society. (Apply)	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-
				1FY3/2FY-24.3	Apply skills of C programming to design the programs over the various modern software. (Analyze)	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
				1FY3/2FY-24.4	Design a software to meet desired specifications and demonstrate appropriate level of independent thinking, creativity in solving real world problems. (Design, lifelong learning)	-	-	2	-	-	-	-	-	-	-	-	2	-	-	-
				Target		**2.00**	**2.00**	**2.00**		**2.00**	**2.00**						**2.00**			
I/II	**Basic Civil Engineering Lab**	**1FY3/2FY-27**	**C**	**1FY3/2FY-27.1**	Understand various water supply and sanitary fittings (Remember / Understand).	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-
				1FY3/2FY-27.2	Discuss and demonstrate the measurements using modern electronic surveying instruments like EDM, Total Station (modern tool usage).	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-
				1FY3/2FY-27.3	Examine water samples for different parameters through experimentation to solve societal problems (society).	-	-	2	-	-	2	1	2	2	2	2	2	-	-	-
				1FY3/2FY-27.4	Apply different techniques of measurement of distances and elevations to solve real world problem (lifelong learning)	-	-	-	1	1	-	-	2	2	2	2	2	-	-	-
				Target		**2.00**		**2.00**	**1.00**	**1.50**	**1.50**	**1.00**	**1.67**	**2.00**	**2.00**	**2.00**	**2.00**			

I/II	**Engineering Physics Lab**	**1FY2/2FY2-20**	**B**	**1FY2/2FY2-20.1**	Operate the various apparatus for the multifarious use in the relative fields.	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-
				1FY2/2FY2-20.2	Gain practical insights by applying experimental methods that correlate with theoretical concepts.	2	-	-	-	-	2	1	-	-	-	-	2	-	-	-
				1FY2/2FY2-20.3	Apply knowledge of Newton's Ring, Grating, Spectrometer, optical fiber, Sextant, Hall effect ,Laser, PN junction diode and capacitor to determine wavelength of light, dispersive power, numerical aperture, height of object, Hall coefficient coherence length ,coherent time energy band gap and time constant.	3	-	-	-	-	-	-	-	3	-	-	2	-	-	-
				1FY2/2FY2-20.4	LO4-Analyze, interpret, and concisely summarize the experimental findings to extract meaningful insights and draw informed conclusions.	3	-	-	2	-	-	-	-	-	-	-	2	-	-	-
				Target		**2.25**			**2.00**		**2.00**	**1.00**		**3.00**			**2.00**			
I/II	**Human Value Lab**	**1FY1/2FY1-23**	**C**	**1FY1/2FY1-23.1**	Analyze what is valuable to human being and what are the aspirations of life.	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
				1FY1/2FY1-23.2	Understand the self-help skills, social skills and ethical skills.	-	-	-	-	-	2	-	3	2	-	-	-	-	-	-
				1FY1/2FY1-23.3	Apply the understanding of value education in solving various problems pertaining to all four orders of nature.	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
				1FY1/2FY1-23.4	Develop and enable the learners to be ethical, rational, compassionate and collaborative with the self, society and nature.	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-
				1FY1/2FY1-23.5	Create and understand humane society.	-	-	-	-	-	2	-	2	2	-	-	-	-	-	-
				Target							**2.00**	**2.00**	**2.33**	**2.00**						
I/II	**Language Lab**	**1FY1/2FY1-22**	**C**	**1FY1/2FY1-22.1**	Use and pronounce the words correctly.	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-

				1FY1/2FY1-22.2	Discuss and explain effectively with elaboration.	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
				1FY1/2FY1-22.3	Plan successfully and crack GD's, interviews and other professional activities.	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
				1FY1/2FY1-22.4	Describe his/her thoughts and views in an effective manner through analysis on social values.	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
				1FY1/2FY1-22.5	Relate and comprehend correct expression and inculcate the ethics.	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-
				Target							**2.00**		**2.00**	**1.50**	**2.00**					
I/II	**Engineering Chemistry**	**1FY2/2FY2-21**	**C**	**1FY2/2FY2-21.1**	LO1. Examine various quantitative chemical analysis in accordance wth environment and use of different indicators.	2	-	-	1	-	1	1	-	-	-	-	-			
				1FY2/2FY2-21.2	LO2. Explain preparation methods of generic drugs such as Aspirine and Paracetamol.	2	-	-	2	-	1	-	-	-	-	-	-			
				1FY2/2FY2-21.3	LO3. Estimate the quality of coal using proximate analysis method and to operate different types of instruments	2	1	-	2	1	1	1	-	-	1	-	-			
				1FY2/2FY2-21.4	LO4. Analyse the properties of lubricating oils and their significance in Industry.	2	1	-	-	1	-	-	-	-	1	-	-			
				Target		**2.00**	**1.00**		**1.67**	**1.00**	**1.00**	**1.00**			**1.00**					
I/II	**Basic Electrical Engineering Lab**	**1FY3/2FY3-26**	**B**	**1FY3/2FY3-26.1**	Identify Cathode Ray Oscilloscope (CRO), voltmeter, ammeter, wattmeter and different types of electronic components viz resistors, inductors, capacitors, diodes, diac, triac, transistors, thyristors and observe the working of the same.					3	2		1	2			3			
				1FY3/2FY3-26.2	Calculate and observe the no-load current waveform on an oscilloscope, and measure the voltages, currents, power and efficiency of a transformer.		2	3		1	2		1	2			3			
				1FY3/2FY3-26.3	Explain and Perform the different possible connections of three-phase transformers and measure voltage and current relationships, as well as note down the Phase-shifts between the primary and secondary side.		1	3		2	2		1	2			3			
				1FY3/2FY3-26.4	Demonstrate the cut-out sections, working and speed behavior of dc machine, synchronous machine, single-phase and three phase induction machine.		1	2		2	2		1	2			3			

				1FY3/2FY3-26.5	Examin torque speed characteristic of a separately excited dc motor, the working of dc-dc converters, dc-ac converters, dc-ac converter for speed control of an induction motor and the various components of LT switchgear.		1	2		2	2		1	2			3			
				Target		**3.00**	**3.00**	**3.00**		**2.00**	**2.00**		**1.00**	**2.00**			**3.00**			

8 Course File Sample

Outcome Based ProcessImplementationGuidelinesforFaculty

8.1 Labeling yourcoursefile

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

8.2 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. **InternalAssessmentQuestionPaperswithanswerfromtime totime**
25. **Topicscovered beyond syllabus-References**
26. **Detailsof anyotheractivityanditsassessment throughrubricbe included**

27. Mappingdepartment level/focus activitieswithyourCOs

9 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 havetoinclude departmentmission& 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**

- **coverage of Units by lectures**
- **design exercises**
- **demonstration of models**
- **by assignments**

Lecture No.	Lect. No.	Topics,Problems, Applications	CO/LO	TargetDateof Coverage	Actual Date of Coverage	Ref. Book/Journal
1.		Electrical circuit elements (R, L and C)	CO1			T1 Page121-126
2		voltage and current sources	CO1			
3.		Kirchhoff current and voltage laws	CO1			
4						
5						
6						
7						
8						
9						
10						
11						
12						

ExampleT1:Basic Electrical Engineeringby D P KOTHARI &I J NAGRATH

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

i. 1FY3-08.1(CO1)-
ii. 1FY3-08.2(CO2)-
iii. 1FY3-08.3(CO3)-iv.
1FY3-08.4(CO4)-v.
1FY3-08.5(CO5)-

7. **CO-PO-PSO Mapping: Mapping Levels: 1- Low, 2- Moderate, 3-Strong**
   Firsttrytofindout2-3POthosearestronglyrelated toyoursubjectcontents.Go throughthe contentsandtriesto formulate4-5CourseOutcomeasperbloom taxonomy.Map each COwith POand PSOas above.Whilemappingpleaserethink ifyoumapanyPOwith3,itmeand youareplanningtodeliverthecontentsothat 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):
PO2: Writefullstatement withkeywords highlighted
PO3: Writefullstatement withkeywords highlighted PO4: Writefullstatement withkeywords highlighted

7.2 PO Moderately Mapped:(Example)
PO1: Writefullstatement withkeywords highlighted
PO11: Writefullstatement withkeywordshighlighted
7.3 POLowMapped:(Example)
PO12: Writefullstatement withkeywordshighlighted

7.4 PSOStronglyMapped:(Example)
PSO1 : Writefullstatementwithkeywordshighlighted

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

6.6 PSOLowMapped:(Example)
PSO3: Writefullstatement withkeywordshighlighted

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

Allthecoursesof yourdepartmentshouldbedividedinto threecategoriesA-MostDifficult course, B-Mediumlevelof Difficulty, C-Lowlevelof Difficulty–(Easy)
AccordingtodifficultyIevel,youcandecidespecificrangeforCOattainmenttargetsforContinuousassessment 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 studentsgetting >60%**	**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/Unit Test**			
7.	**Anyother**			

10. COwiseAssessmentActivities (asMentionedin SessionPlan):
Youcanplan for each CO,activities/assessment toolsto beconducted/usedfor its achievement. Usetothoseyouselect forspecificCO. Removeallunusedcolumns.

	Activi															
CO	**Pre Mid I Test**	**Post Mid I Test**	**Quiz1**	**Quiz 2**	**Pre Mid II Test**	**Post Mid II 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. CO wise Assessment Activities:

Based on CO-PO mapping, determine targets for each CO as average of targets of all relevant POs.

CO	P												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 (MinorNSP)	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
Notethat for every rubricsyou needto decideassessment criteria,rangeofmarksorweight-age–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

CO1:1FY3-01 101.1: 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 PObyattainmentofCO- 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
1FY3-08.1															
1FY3-08.2															
1FY3-08.3															
1FY3-08.4															
1FY3-08.5															
Obtain Average-PO/PSO Targets	Targets	Target	Target	Target	Target	Target	Target	Target	Target	Target	Target	Target	Target	Target	Target

13.2.2 Attainmentof Pos&PSOthroughCOasContinuousEvaluation:

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

CO	PO												PS		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO 3
1FY3-08.1															
1FY3-08.2															
1FY3-08.3															
1FY3-08.4															
1FY3-08.5															
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: 1FY03-01 101: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)			
Marks forabsent-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**
1FY3-08.1															

Attainmentof POthroughCO(RTU) Component															
1FY3-08.1	**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------- Weight-age– 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)								
Marks forabsent-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 Mark s**	**60% Weightage X----- /100 A**	**Overall CO (-----)**	**%0f Marks**	**Weightage X-- /100 B**	**Overall CO (-----)**	**%0f Marks**	**Weightage X-- /100 C**	**Overall l CO (-----)**	**%0f Mark s**	**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= **%of StudentsAttainedLevel3=**
No.ofStudentsattainedlevel2= **% of StudentsAttainedLevel2=**
No.ofStudentsattainedlevel1= **%of StudentsAttainedLevel1=**
POAttainment= ?(Check Level3%attainment-IfNoFindGap)
Markforabsent-Takeavg.ofallpresent

13.5.3: OverallPO&PSOAttainment through Course:

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

Attainmentof Overall POforSession2020-21															
CO	**PO**												**PSO**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
1FY3-08.1															
PO Attainment															

13.5.4: OverallGapsforAttainmentofPOandPSOfromtheCourse

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

Attainment &Gapof Overall POSession----------															
1FY3-08.1	**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)f or gapsidentified.DecideActivitiesto be conductedto bridgethegapsinCOs.

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

10 File Formats

10.1 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

10.2 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: _____

10.3 ABC Analysis Format

RTU Syllabus
1FY2-03/ 2FY2-03: Engineering Chemistry
ABC Analysis (RGB method) of units and topic

Unit No.	Category A (Hard topics)	Category B (Topics with average hardness level)	Category C (Easy to understand topics)	Preparedness for "A" topics
1	Hardness, determination of hardness by complexometric (EDTA method), degree of hardness, Breakpoint chlorination, Formation of solids (Scale and Sludge formation), Lime-Sodaprocess, Zeolite (Permutit) process, Deionization (Demineralization) process. Numerical problems based on hardness, Lime-Soda and zeolite process.	Municipal water supply requisite of drinking water purification of water sedimentation, filtration, sterilization, Methods of boiler water treatment(water softening) preliminary treatments, preheating,	Common natural impurities, Hardness of water and its causes, carryover (Foaming and Priming), boiler corrosion and caustic-embrittlement	Demonstration and ppt(Mission 10X lecture)
2	Ultimate analyses of coal, gross and net calorific value, determination of calorific value of coal by Bomb Calorimeter. and Hoffmann Oven (by-products oven) method cracking, synthetic petrol, knocking, octane number, anti-knockingagents. determination of calorific value of gaseous fuels by Junker's calorimeter, Numerical problems based on determination of calorific value (bomb calorimeter/Junkers calorimeter/Dulongs formula, proximate analysis & ultimate and combustion of fuel.	Solid fuels-, coal, classification of coal, significance of constituents, proximate Metallurgical coke, carbonization processes- Beehive coke oven,,, Liquid fuels-Advantages of liquid fuels, petroleum and refining of petroleum, reforming, flue gas analysis by Orsat's apparatus.	Origin and classification of fuels. Gaseous fuels-advantages, manufacture, composition and uses of coal gas and oil gas,	Video, Demonstration of apparatus

10.4 Blown-up Format

POORNIMA
COLLEGE OF ENGINEERING

BLOWN UP SYLLABUS

Campus: PCE. **Course: B.Tech.** **Class/Section: I year** **Date: 15-11- 2022**

Name of Faculty: **Name of Subject: Engineering Chemistry** **Course Code: 1FY2-03**

	WATER	
1.	**WATER** **Common impurities in water, Hardness of water, Units of hardness, Degree of hardness**	1.1 Sources of water 1.2 Common impurities in water 1.2.1 Sources of impurities in water 1.2.2 Types of impurities 1.2.2.1 Dissolved impurities 1.2.2.2 Suspended impurities 1.2.2.2.1 Inorganic impurities 1.2.2.2.2 Organic impurities 1.2.2.3 Colloidal impurities 1.2.2.4 Pathogenic Microscopic impurities 1.2.3 Effects of impurities in water 1.3 Definition of hardness of Water 1.3.1 Cause of Hardness of water 1.3.2 Differences between hard water and soft water 1.3.3 Advantages of hard water 1.3.4 Disadvantages of hard water 1.4 Types of hardness 1.4.1 Temporary or carbonate or alkaline hardness 1.4.2 Permanent or non-carbonate or non-alkaline hardness 1.5Degree of hardness (Equivalents of $CaCO_3$) 1.6 Units of Hardness and their inter-relationship
2.	**Determination of Hardness of Water by EDTA method**	2.1 Introduction of EDTA method 2.2 Basic Principle of complexometric method 2.3 Preparation of standard solution 2.3.1 Preparation of standard hard water 2.3.2 Preparation of EDTA solution 2.3.3 Preparation of ammonia buffer solution 2.3.4 Preparation of Indicator solution 2.4 Experimental Procedure 2.5 Calculations 2.5.1 Standardization of EDTA solution 2.5.2 Calculations of Total hardness 2.5.3 Calculations of Permanent hardness 2.5.4 Calculations of Temporary hardness 2.6 Numerical based Problem's

10.5 Deployment Format

POORNIMA
COLLEGE OF ENGINEERING

COURSE PLAN (Deployment)

Campus: Poornima College of Engineering	**Class/Section: I Year**	**Date: 20-02-2022**
Course: B.Tech.		
Name of Faculty:	**Name of Subject : Engineering Chemistry**	**Code: 1FY2-03**

Topics, Problems, Applications	Lect. No.	BL	CO	Target Date of Coverage	Actual Date of Coverage	Reason for deviation	Teaching method	Ref.Book/ Journal with Page No.
Zero lecture	L-1	1	1					
Common impurities in water, Hardness of water, Units of hardness, Degree of hardness 1.1 Sources of water 1.2 Common impurities in water 1.2.1 Sources of impurities in water 1.2.2 Types of impurities 1.2.2.1 Dissolved impurities 1.2.2.2 Suspended impurities 1.2.2.2.1 Inorganic impurities 1.2.2.2.2 Organic impurities 1.2.2.3 Colloidal impurities 1.2.2.4 Pathogenic Microscopic impurities 1.2.3 Effects of impurities in water 1.3 Definition of hardness of Water 1.3.1 Cause of Hardness of water 1.3.2 Differences between hard water and soft water 1.3.3 Advantages of hard water 1.3.4 Disadvantages of hard water 1.4 Types of hardness 1.4.1 Temporary or carbonate or alkaline hardness 1.4.2 Permanent or non-carbonate or non-alkaline hardness 1.5 Degree of hardness (Equivalents of	L-2	1,2	CO-1				Chalk board PPT	CBC publication by Dr. Rekha Nair (1-7 page)

10.6 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:

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
  - iii. SPL by expert from industry/academia (other institution)
- Revision classes (Solving Important Question Bank):- 1 class before Mid Term and 2 classes before End Term Exam

c). Lecture schedule per week

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

10). Examination Systems:

Sr. No.	Name of the Exam	Weightage	Max. Marks	% of passing marks	Nature of paper Theory + Numerical	Syllabus coverage (in %)	Conducted by
1.	1st Midterm (IA)	30%	60	40%	T+N	60 (3 units)	College
2.	2nd Midterm (IA)		60	40%	T+N	40 (Remaining 2 units)	College
3	Assignment & OBT/Quiz		60	40%		100	College
4.	University Exam	70%	70	40% (28 Marks)	T+N	100	RTU, Kota

11). Any other important point:

Place & Date: Name of Faculty with Designation

10.7 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:

_____

_____

_____

10.7.1 Detailed Lecture Note Format-1

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

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

10.7.2 Detailed Lecture Note Format-2

POORNIMA
COLLEGE OF ENGINEERING

DETAILED LECTURE NOTES

PAGE NO. .....

10.8 Assignment Format

POORNIMA
COLLEGE OF ENGINEERING

DEPARTMENT OF I Year

Assignment-I

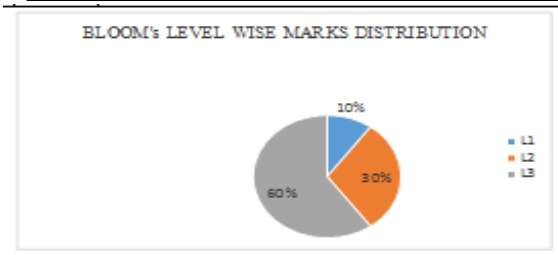
Session 2022-23

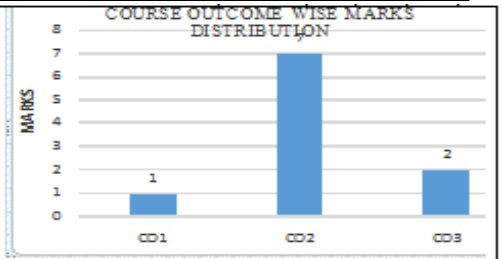
B Tech I YEAR/ I SEMESTER

1FY2-03, Engineering Chemistry

Max. Marks-10

	PART - A: (All questions are compulsory) Max. Marks (10)				
Q.1	What is softening of water? Explain Zeolite method of softening of water, limitations and advantages. Compare Zeolite method with other water softening methods.	Marks 2	CO 3	BL 3	PO 1
Q.2	A sample of water containing dissolved salts given as follows: Mg (HCO3)2 = 12.3°Fr, NaCl = 35.0°Fr CaSO4 = 12.6°Fr, Ca (HCO3)2 = 25.5°Fr, MgCl2 = 16.50°Fr. Calculate the carbonate and non- carbonate hardness in °Cl & ppm.	2	2	2	1
Q.3	50 ml of standard water required 40ml of EDTA solution while 50 ml of sample water required 20 ml of EDTA. 50 ml of sample water when boiled, titrated against EDTA consumed 10 ml of solution. Calculate total hardness of water if strength of standard hard water 2mg/1ml.	2	2	3	1
Q4.	**80 ml** of a sample of water required **20 ml** of **0.05**MEDTA for titration using Eriochrome Black- T as an indicator. After boiling **80 ml** of the same sample required **15 ml** of **0.05**MEDTA solution. Calculate the total hardness, permanent hardness and temporary hardness	2	2	3	1
Q.5	A Zeolite softener was 70% exhausted, when 15,000 L of hard water was passed through it. The softener required 100L of NaCl solution of strength 25,000 mg/L of NaCl solution. What is the hardness of water?	1	2	2	1
Q.6	Write short notes on : i. Caustic embrittlement ii Boiler conditioning	1	1	1	1





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

CO – Course Outcomes; PO – Program Outcomes

10.9 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			

10.10 Mid Term/ End Term Practical Question Paper Format

POORNIMA COLLEGE OF ENGINEERING, JAIPUR
I Year - B.TECH. (I Sem.)
RTU End Term Practical Exam, 2022-23
Code: 1FY2-21 Category: BSC Subject Name– Engineering Chemistry Lab
(Common for all)

Max. Time: 2 hour. **Max. Marks: 40**

Q No.	CO	PO		
Q1.				10
Q2.				10
Q3.				10

10.11 Mid Term Theory Question Paper Format

POORNIMA COLLEGE OF ENGINEERING, JAIPUR

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

FIRST MID TERM EXAMINATION 2022-23

Code: 4CE2-01 Category: PCC Subject Name–ADVANCE ENGINEERING MATHEMATICS -I

(BRANCH – CIVIL ENGINEERING)

Course Credit: ___

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

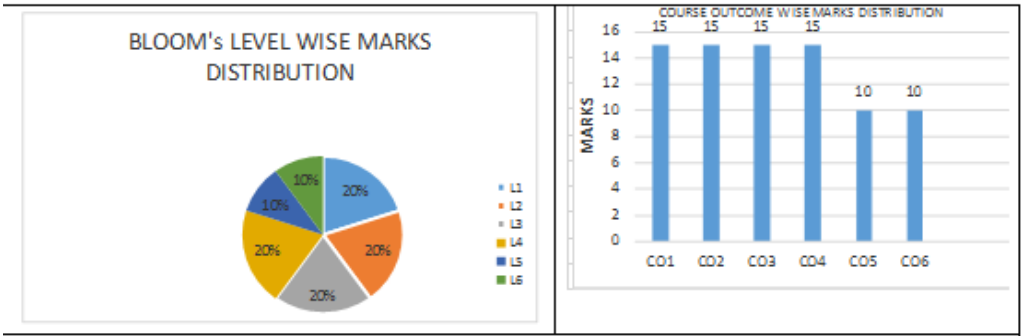
NOTE:- **Read the guidelines given with each part carefully.**

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**			



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
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		