

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Contents

Sr. No.	Title	Page No.
1	Subject Allocation in advance	1-4
2	Regular monitoring of lectures and Practical's	5
3	Assessment of Lesson Plan and Lab Plan by DQAC	6-7
3	Assessment of quality of test papers and assignments	8-10
4	Sample Mid-Term feedback	12
5	Sample End Semester feedback	13

LOAD DISTRIBUTION DONE IN ADVANCE

Computer Department Load (January-May 2023) Academic Year 2022-23 (Even Sem)

<u>Sr. No</u>	<u>Emplo yee Id</u>	<u>Name of Faculty</u>	<u>Theory</u>	<u>Hr s</u>	<u>Practical</u>	<u>Hr s</u>	<u>Th & Pr Loa d</u>	<u>Proje ct Load</u>	<u>Curre nt Sem Load</u>	<u>Previo us Sem load</u>	<u>Total Annu al Load</u>
1	10559	Dr. Sujata Deshmukh	Database Management Systems (SE Comps A)	3	Database Management Systems Lab (SE Comps A)	8	13	2	15	12	27
			HOD		Applied Data Science Lab (BE Comps)	2					
2	10127	Dr. Sunil Surve	Game Development (Honour Subject)	4	NACC and NBA Cordinator		11	2	13	10	23
			Optimization in Machine Learning (BE Comps)	3	Optimization in Machine Learning (BE Comps)	4					
3	10118	Dr. B.S.Daga	Artificial Intelligence (TE Comps B)	3	Artificial Intelligence Lab (TE Comps B)	8	14	2	16	13	29
			Finance Management (BE Comps ILOC)	3							
4	10125	Prof. Merly Thomas	Distributed Computing (BE Comps B)	3	Distributed Computing Lab (BE Comps B)	8	14	2	16	12	28
			Distributed Computing (TE AIDS)	3							
5	10343	Prof. Monica Khanore	Cryptography & System Security (TE Comps A)	3	Cryptography & System Security Lab(TE Comps A)	8	15	2	17	13	30
			PC		Cloud Computing	4					

					(TE Comps B)							
6	10378	Prof. Roshni Suresh Padate	Deep Learning (BE Comps)	3	Deep Learning Lab (BE Comps)	8	15	2	17	17	34	
					Cloud Computing (TE Comps B)	4						
7	10400	Prof. Kalpana Deorukhkar	Quantative Analysis (TE Comps)	3	Artificial Intelligence Lab (TE Comps A)	8	15	2	17	16	33	
					Applied Data Science Lab (BE Comps)	4						
8	10424	Prof. Wagle Kranti Kiran	Internet of Things (TE Comps)	3	Microprocessor (SE Comps A)	6	15	2	17	15	32	
			IIC		IOT Practicals (TE Mechanical)	6						
9	10427	Prof. Jagruti Nagaonkar	Database Management Systems (SE Comp B)	3	Database Management Systems Lab (SE Comps B)	8	15	2	17	17	34	
					Cloud Computing (TE Comps B)	4						
10	10435	Prof. Ashwini Pansare	Analysis of Algorithms (SE Comps B)	3	Analysis of Algorithms Lab (SE Comps B)	8	16	2	18	17	35	
			Applied Data Science (BE Comps)	3	Applied Data Science Lab (BE Comps)	2						
11	10437	Prof. Supriya Kamoji	System Programming and Compiler Construction (TE Comps A)	3	System Programming and Compiler Construction Lab (TE Comps A)	8	15	2	17	17	34	
					Cloud Computing (TE Comps)	4						

					B)							
12	10440	Prof.Nagdeote Sushma	Artificial Intelligence (TE Comps A)	3	Cloud Computing (TE AIDS)	4	14	2	16	16	32	
			Image Processing (TE AIDS)	3	Cloud Computing (TE Comps A)	4						
13	10451	Prof. Monali Shetty	Cryptography & System Security (TE Comps Div B)	3	Cryptography & System Security Lab(TE Comps Div B)	8	15	2	17	17	34	
			Blockchain Platform (TE Comps Honour)	4								
14	10454	Prof. Prachi Kunal Patil	Operating Systems (SE Comps A)	3	Operating Systems Lab (SE Comps A)	8	16	2	18	16	34	
			Mobile Computing (TE Comps B)	3	Mobile Computing Lab (TE Comps B)	2						
15	10459	Prof.Parshvi Shah	Python Programming (SE Comps A)	2	Python Programming (SE Comps A)	8	17	2	19	14	33	
			Microprocessor (SE Comps A)	3	System Programming and Compiler Construction Lab (TE Comps B)	4						
16	10467	Prof. Sangeeta Parshionikar	Python Programming (SE Comps B)	2	Python Programming (SE Comps B)	8	17	2	19	16	35	
			System Programming and Compiler Construction (TE Comps B)	3	System Programming and Compiler Construction Lab (TE Comps B)	4						
17	10493	Prof.Heenakusar Pendhari	Microprocessor (SE Comps B)	3	Microprocessor Lab SE Comps B and A	10	19	2	21	16	37	

					Mobile Computing Lab (TE Comps A and B)	6						
18	10506	Prof. Prajakta Dhamnaskar	Analysis of Algorithms (SE Comps A)	3	Analysis of Algorithms Lab (SE Comps A)	8	17	2	19	16	35	
					Operating System Lab (SE Comps B)	6						
19	10568	Prof. Lokhande Unik	Digital Forensic (TE Comps Honours)	4	Cloud Computing (TE Comps A)	12	16	2	18	19	37	
20	10518	Prof. Anika Amburle	Social Media Analytics (BE Comps)	3	Social Media Analytics Lab (BE Comps)	8	17		17		17	
					Python Programming (SE-Mech)	6						
21		Dr. Kanthe Ashok Mallayya	Mobile Computing (TE Comps A)	3	Mobile Computing Lab (TE Comps A)	6	14		14		14	
			Operating System (SE Comps B)	3	Operating System Lab (SE Comps B)	2						
22		Dr. Shelake Vijay Maruti	Distributed Computing (BE Comps A)	3	Distributed Computing Lab (BE Comps A)	8	15		15		15	
					Optimization in Machine Learning (BE Comps)	4						

Regular Monitoring of Lectures and Practical

TE Comps B
Software Engg

Fr. Conceicao Rodrigues College of Engineering
Academic Term July 2022 to December 2022

Attendance Register SE

F.E. - Semester V

COMPUTER - B

159
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Sr.	Roll.	Name of the Student	17/8	22/8	23/8	24/8	26/8	29/8	31/8	4/9	19/9	20/9	23/9	27/9
1	3854	BHAT ZAHID MAJEED	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	9212	NAIR SAVIT MADHAVAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	9224	RAINA ANSHULA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	9239	AKHIL MANI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	9240	ALPHONSO SHOYDON SUDHIR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	9241	ANSARI SHAHOOD FAYYAZ	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	9242	ASHWIN JOHNSON	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	9243	BANJAN POOJA JAYA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	9244	BATRA AYUSH PARVEEN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	9245	BOTHTRA RAHUL KISHOR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	9246	CORREIA MERYL NEIL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	9247	CRASTO ENRIQUE EDWINE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	9248	DABRE SHAUN RAYMOND	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	9249	DALMIA DIVYANSH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15	9250	DCRUZ ROLAND DOMINIC	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16	9251	DESHMUKH AFIF IMTIYAZ KHAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
17	9252	DMONTE RANCE CHARLES	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18	9253	DSA REUBEN EDWIN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19	9254	DSILVA CHRIS DOLTON	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
20	9255	DSOUZA KYLE MALCOLM	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
21	9256	EMMATTY SAMUEL TIMOTHY	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
22	9257	FERNANDES SCOTT RICHARD	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23	9258	GONSALVES ARYAN MARCUS	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
24	9259	GONSALVES DILLON GEORGE	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
25	9260	JAISWAL NITESH CHHAIBAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
26	9261	JOSEPH WILLIAM J ANTONY WILSON	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27	9262	KADAM CHINMAY VIJAY	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
28	9263	KADAM HARSH NARESH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
29	9264	KALLIVALAPPIL NEAVE PAUL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

Assessment of Lesson Plan and Lab Plan by DQAC

Fr. C.R.C.E.

2022-20 23

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram , Bandstand, Bandra (W), Mumbai 50.

Department of Computer Engineering

DQAC - Evaluation sheet

<u>Date of Evaluation:</u>	3/08/2022		
<u>Contents:</u>	Lesson Plan		
<u>CourseID/Course Name/ Semester/Division:</u>	CSC 502 CE B		
<u>Subject Teacher's Name:</u>	Prof. Ashwini Paware		
<u>Evaluator(s) Name:</u>	Prof. Roshni Padte		
<u>Suggestion Given (If Any):</u>			
<u>Deadline for Submitting Revisions(if any):</u>			
<u>Subject Teacher's Sign:</u>	<u>Ashwini</u>	<u>Evaluator(s) Sign:</u>	<u>Roshni</u>
<u>Re-Evaluation Date:</u>			
<u>Remarks:</u>			
<u>Subject Teacher's Sign:</u>		<u>Evaluator(s) Sign:</u>	

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W), Mumbai 50.

Department of Computer Engineering

DQAC - Evaluation sheet

<u>Date of Evaluation:</u>	3/08/2022		
<u>Contents:</u>	Lab Plan		
<u>CourseID/Course Name/ Semester/Division:</u>	CSL 501 V sem CB		
<u>Subject Teacher's Name:</u>	Prof. Ashwini Pansare		
<u>Evaluator(s) Name:</u>	Prof. Roshni Padte		
<u>Suggestion Given (If Any):</u>			
<u>Deadline for Submitting Revisions(if any):</u>			
<u>Subject Teacher's Sign:</u>	<u>A Pansare</u>	<u>Evaluator(s) Sign:</u>	<u>Roshni</u>
<u>Re-Evaluation Date:</u>			
<u>Remarks:</u>			
<u>Subject Teacher's Sign:</u>		<u>Evaluator(s) Sign:</u>	

Fr. C.R.C.E.

2022 - 2023

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W), Mumbai 50.

Department of Computer Engineering

DQAC - Evaluation sheet

<u>Date of Evaluation:</u>			
<u>Contents:</u>	Test Paper 2		
<u>CourseID/Course Name/ Semester/Division:</u>	CSC 502 Software Engineering		
<u>Subject Teacher's Name:</u>	Prof. Ashwini Pansare		
<u>Evaluator(s) Name:</u>	Prof. Roshni Padate		
<u>Suggestion Given (If Any):</u>	PI indicators is needs to be modified		
<u>Deadline for Submitting Revisions(if any):</u>			
<u>Subject Teacher's Sign:</u>	<u>Ashwini Pansare</u>	<u>Evaluator(s) Sign:</u>	<u>Roshni Padate</u>
<u>Re-Evaluation Date:</u>			
<u>Remarks:</u>			
<u>Subject Teacher's Sign:</u>		<u>Evaluator(s) Sign:</u>	

FR. CONCEICAO RODRIGUES COLLEGE OF ENGG.
Fr. Agnel Ashram, Bandstand, Bandra (W) Mumbai 400 050.
II UNIT TEST

SEMESTER / BRANCH: V/ TE COMPUTER B
 SUBJECT: Software Engineering (SE)
 DATE: 17/10/2022

MAX. MARKS: 20
 TIMING: 11:30am-12:30 pm

Student should be able to

CSC502.2	CO2	Plan, Schedule and track the progress of the project
CSC502.3	CO3	Design the software projects.
CSC502.4	CO4	Do testing of software project.
CSC502.5	CO5	Identify risks, manage the change to assure quality in software projects.

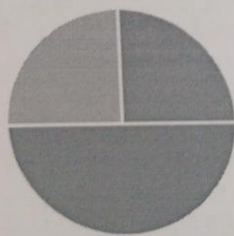
Q. N.	Questions	Marks	CO	BI	PI
	Functional independence of a software design is assessed using which two criteria? highlight the differences between both.	5M	CO3	2	1.3.1
	<div style="border: 1px solid gray; padding: 10px; margin-bottom: 10px;"> <p>Registration page</p> <p>Name <input type="text"/></p> <p>Email ID: <input type="text"/></p> <p>Mobile No: <input type="text"/></p> <p>Password <input type="text"/></p> <p style="text-align: center;">Register</p> </div> <p>Using tabular form, mention all test cases needed to perform unit testing on the mobile number and email field of the registration form.</p> <p style="text-align: center;">OR</p> <p>Find all DU paths for the program given below and design test cases for All Def Coverage</p>	5M	CO4	3	4.1.2

Step 1:	var i, n, sum
Step 2:	i = 0
Step 3:	sum = 0
Step 4:	input (n)
Step 5:	While (n != 0)
Step 6:	sum = sum + n
Step 7:	i = i + 1
Step 8:	input (n)
Step 9:	End While
Step 10:	print ("Total of " + i + " numbers is " + sum)

3)	Prepare Risk Information sheet for High staff turnover risk. OR Illustrate various activities carried during software Re-engineering in brief and mention any real world software known to you which has been re-engineered.	5M	CO5	4	2.4.3
4)	A project of 200 KLOC size is to be developed. Software development team has average experience on similar type of projects. The project schedule is not very tight. Calculate the Effort, development time, average staff size, and productivity of the project using basic Cocomo.	5M	CO2	3	2.4.1

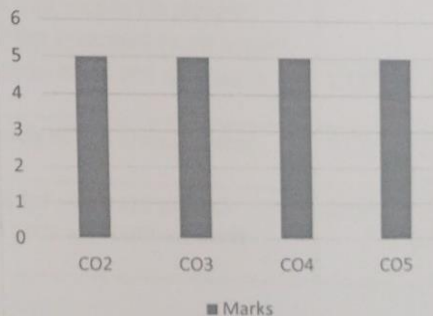
Mode	ai	bi	ci	di
organic	3.2	1.05	2.5	0.38
Semidetached	3.0	1.12	2.5	0.35
Embedded	2.8	1.20	2.5	0.32

Bloom's Level wise Marks Distribution



- Level 2: Understand
- Level 3: Apply
- Level 4: Analyze

Course Outcome wise Marks distribution



DQAC Evaluation Sheet for Content Beyond Syllabus

Fr. C.R.C.E.

2022- 2023

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W), Mumbai 50.
Department of Computer Engineering

DQAC - Evaluation sheet

<u>Date of Evaluation:</u>	12/9/2022	
<u>Contents:</u>	Content Beyond Syllabus	
<u>CourseID/Course Name/Semester/Division:</u>	CSC502 Software Engineering TE comps Sem V Div B	
<u>Subject Teacher's Name:</u>	Prof: Ashwini Pansare	
<u>Evaluator(s) Name:</u>	Prof. Roshni Padate	
<u>Suggestion Given (If Any):</u>	Gap Identification process: Verified Action Plan evaluation: Verified Documents Verified: Responses from External stakeholders: https://docs.google.com/spreadsheets/d/1o6T02PsXfErklpJY20lwWvKhHrCVa1Til8KNybfUM/edit?usp=sharing Final Outcome: Session by industry experts on tools used in industry for various phases of software engineering is to be planned	
<u>Subject Teacher's Sign:</u>	<u>Evaluator(s) Sign:</u>	

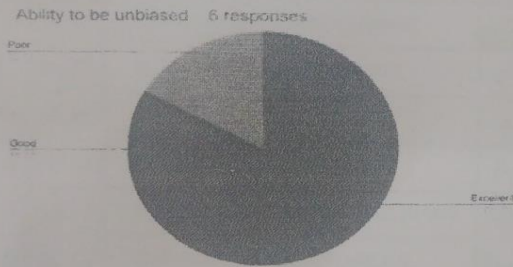
Mid Term Feedback

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Computer Engineering
2022-23
Midterm feedback Report - ODD Sem
(July-Dec. 2022)

Name of faculty: Prof. Ashwini Pansare
Subject Software Engineering

Class-Div TE -B

1. Knowledge of the teacher on the subject- Satisfactory
2. Clarity and understandability of teacher's explanation - Satisfactory
3. Effectively used lecture time- Satisfactory
4. Ability to hold attention- Satisfactory
5. Speed of Presentation- Satisfactory
6. Ability to encourage interaction- Satisfactory
7. Accessibility outside the class- Satisfactory
8. Engagement of all lectures according to time table on regular basis- Satisfactory
9. Ability to be unbiased-



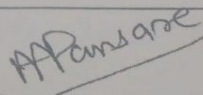
10. Overall Teaching effectiveness of the teacher **Satisfactory**

Comments : Ma'am has taught in the best possible way

Discussed with subject teacher and comments from Teacher:

will try to maintain similar quality of teaching.


HOD sign


Faculty sign

End Sem Feedback



Fr. Conceicao Rodrigues College of Engineering
Bandstand, Bandra(W), Mumbai-400050
Term End Student Feedback [July - Dec 2022]

Branch	Computer Engg Div B
Semester	Sem-V
Subject	SOFTWARE ENGINEERING
Name of the Teacher	Ashwini P
The Lectures Were Delivered With Authority And Excellent Communication Skill.	4.58
The Subject Was Covered With Apt Depth And Breadth.	4.49
The Real Life Problems And Applications Have Been Presented To Provide The Right Balance Between Theory And Practice.	4.53
The Teacher Effectively Used The Lecture Time.	4.56
The Teacher Has Good Ability To Hold Attention.	4.60
The Lectures Have Been Aimed At Encouraging Independent Thinking And The Ability To Apply Logical Reasoning.	4.40
The Teacher Is Punctual And Has Taken Sufficient Classes To Cover The Complete Syllabus.	4.58
The Teacher Has Been Unbiased In Assessment Of Student Performance And Term-Work.	4.63
Evaluated Term-Work, Assignments, Seminars Provided me a Prompt And Constructive Feedback.	4.53
The Teacher Has Provided Student Counseling Guidance Beyond Academic Requirement.	4.40
In My Opinion, The Overall Rating Of The Teacher Is Good.	4.60

APanase