



CO-PO Attainment Calculation Sheet-RCET, Akkikavu

Follow the steps written below.

Enter Basic data as given in steps below (Datasheets)

- Step 1. Select department from drop down menu Step2. Enter all the data in first six rows subject code, subject name, branch, name of faculty, semester, total marks)
- Step 2. Enter target grade point.
- Step 3. Target grade point- Your expected result in percentage. For 60% enter 6, for 50% enter 5, For 65 enter 6.5 likewise
- Step 4. Enter register number, name, university grade and internal marks of all students
- Step 5. Enter 6 Course Outcome (CO)statements.

Assignment_1 Sheet

- Step1. Enter Assignment date and mark (out of 10). Here Assignment assessment is out of 10
- Step2. Select assessment category as Assignment-1
- Step3. This sheet contains 5 columns for 5 assignment questions. “If you want to enter marks for more than 5 questions, insert columns using **Add Questions** Button.”
- Step4. Enter all question numbers in order.
- Step5. Select COs and blooms taxonomy for each question
- Step6. Sometimes staffs gave only total mark for assignment; in that case they can enter same marks for all questions and take average of all marks as total mark out of 10. Otherwise the staffs can give different marks for each question and find total marks out of 10.
- Step7. Enter difficulty level of each question in%. (For example 50% ,60%,...etc)

Series_1 Sheet

- Step1. Select from assessment category **Series Test1 or Series Test 2 like that.**
- Step2. Enter date of exam and total mark
- Step3. This sheet contains 10 columns for 10 questions. ” If you want to enter more than 10 questions, insert columns using **Add Questions** Button.”
- Step4. Enter question numbers in the column provided
- Step5. Select COs and blooms taxonomy for each question
- Step6. Enter Mark for each QUESTION and corresponding difficulty level of each question
- Step7. Enter the marks for each question scored by the student.

ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science Engineering

CO-PSO Analysis

S5 CSE

CS 306 Computer Networks

2019-20

CO-PSO MAPPING					
CO	Overall Attainment of CO	Course Exit Survey Attainment	PSO1	PSO2	PSO3
CO1	1.31	2.10	H	H	M
CO2	2.41	2.30	H	H	M
CO3	1.5	2.50	H	M	H
CO4	2.3	1.90	M	M	H
CO5	1.66	2.00	H	M	M
CO6	1.64	1.86	H	M	M

	PSO1	PSO2	PSO3
Direct Attainment of	1.67	1.4	1.41
Indirect Attainment of	2	1.64	1.64
Overall Attainment of	1.77	1.47	1.48

CO-PSO Attainment for CS 306 Computer Networks	1.57
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ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science Engineering

PO-PSO Analysis

S5 CSE

CS 306 Computer Networks

2019-20

PO-PSO MAPPING					
PO	Overall Attainment of PO	Program Exit Survey Attainment	PSO1	PSO2	PSO3
PO1	1.31	2.10	M	H	M
PO2	1.25	1.90	M	H	L
PO3	1.25	1.90	H	H	H
PO4	0.63	1.80	M	M	H
PO5	1.89	2.40	H	L	H
PO6	1.89	2.40	H	M	M
PO7	1.89	2.10	H	H	M
PO8	1.89	1.90	L	H	M
PO9	1.89	2.20	M	M	H
PO10	0.63	1.76	M	M	H
PO11	1.89	1.82	M	M	M
PO12	1.89	1.88	H	M	M

	PSO1	PSO2	PSO3
Direct Attainment of	1.2	1.17	1.15
Indirect Attainment of	1.58	1.54	1.56
Overall Attainment of	1.31	1.28	1.27

PO-PSO Attainment for CS 306 Computer Networks	1.29
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ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science Engineering

PO Analysis

S7 CSE

CS451 SEMINAR & PROJECT

2019-20

CO-PO MAPPING														
CO	Overall Attainment of CO	Course Exit Survey Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2.8	2.10	M		H		L	H	H	H	L			H
CO2	2.8	2.30	M	H	H			H		H	L			H
CO3	2.8	2.50	M	H	H			H		H	L			H
CO4	2.8	1.90	M	H	H			H		H	L			H
CO5	2.8	2.00		L	H		H	H	L	H	L	M	H	H
CO6	2.8	1.86		H	H	M	H	H	M	H	H		H	H

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment of	1.85	2.42	2.8	1.85	2.17	2.8	1.86	2.8	1.24	1.85	2.8	2.8
Indirect Attainment of	1.45	1.84	2.11	1.22	1.52	2.11	1.33	2.11	0.9	1.32	1.93	2.11
Overall Attainment of	1.73	2.25	2.59	1.66	1.98	2.59	1.7	2.59	1.14	1.69	2.54	2.59

Program Outcome Attainment for CS451 SEMINAR & PROJECT	2.09
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Name of Faculty :

IHSANA MUHAMMED

Dated Signature :

ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science Engineering

PO Analysis

S8 CSE CS492 PROJECT 2018-19

CO-PO MAPPING														
CO	Overall Attainment of CO	Course Exit Survey Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2.8	2.10	M		H		L	H	M	H	L			H
CO2	2.8	2.30	M	H	H			H		H	L			H
CO3	2.8	2.50	M	H	H			H		H	L			H
CO4	2.8	1.90	M	H	H			H		H	L			H
CO5	2.8	2.00		L	H		H	H	L	H	L	M	H	H
CO6	2.8	1.86		H	H	M	H	H	M	H	H		H	H

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment of	1.85	2.42	2.8	1.85	2.17	2.8	1.54	2.8	1.24	1.85	2.8	2.8
Indirect Attainment of	1.45	1.84	2.11	1.22	1.52	2.11	1.09	2.11	0.9	1.32	1.93	2.11
Overall Attainment of	1.73	2.25	2.59	1.66	1.98	2.59	1.41	2.59	1.14	1.69	2.54	2.59

Program Outcome Attainment for CS492 PROJECT	2.06
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Name of Faculty : IHSANA MUHAMMED

Dated Signature :

ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science Engineering

Overall CO Analysis

S5 CSE

CS 333 Application Software Development Lab

2019-20

Internal Marks Analysis		Performance		Viva		Exam		Average	Remarks
		A_Value	Marks	A_Value	Marks	A_Value	Marks		
Total Attainment level for	CO1	0	40	0	40		0	0	
	CO2	0	10	0	10		0	0	
	CO3	0	30	0	10		0	0	
	CO4	0	10		0		0	0	
	CO5		0	0	20	0	20	0	
	CO6	0	10	0	10	0	10	0	
Average of COs								0	
External Marks Analysis		CO1	CO2	CO3	CO4	CO5	CO6	Average	
		0	0	0	0	0	0	0	0

Overall Attainment Level of CO1	0
Overall Attainment Level of CO2	0
Overall Attainment Level of CO3	0
Overall Attainment Level of CO4	0
Overall Attainment Level of CO5	0
Overall Attainment Level of CO6	0

Course Outcome Attainment for CS 333 Application Software Development Lab	0
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Name of Faculty :

PRAJITHA M V

Dated Signature :

ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science Engineering

Question Paper & Assignment Quality Analysis

S5 CSE

CS 333 Application Software Development Lab

2019-20

Quality Analysis		Performance 60		Viva 10		Exam 30		Average Marks %	Remarks
		Included	Marks %	Included	Marks %	Included	Marks %		
Blooms Taxonomy Level	1	Yes	6.67	Yes	6.67	Yes	11.11	8	
	2	Yes	46.67	Yes	46.67	Yes	44.44	46	
	3	No	0	No	0	No	0		Not Included
	4	No	0	No	0	No	0		Not Included
	5	No	0	No	0	No	0		Not Included
	6	Yes	46.67	Yes	46.67	Yes	44.44	46	

