MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade,
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING -DATA SCIENCE

Course Exit Survey

Programme: **B.Tech.** Branch : **COMPUTER SCIENCE & ENGINEERING- DATA SCIENCE**

Year & Semester: III Year I Semester **A.Y: 2023-24** **BATCH 21-25**

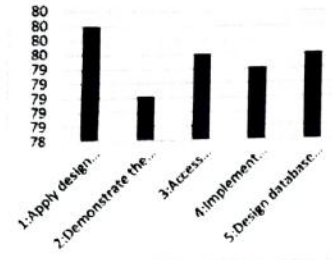
Below are given some fields specifically related to course and effectiveness. You may indicate the extent to which you took advantage of the various learning points of
We consider your response highly valuable.

You may rate your response as follows on a five point scale. Tick mark against your option.

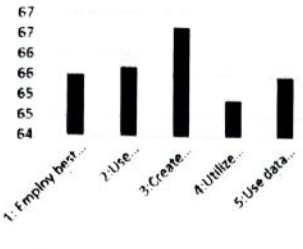
A-To a Great Extent B-To a Moderate Extent C-To a Slight Extent D-To a Very Extent E-To a Very little Extent

Course Outcomes : At the end of course, the student will be able to	A	B	C	D	E	Attainment of COs	
1. PCC- 20CSD110 DATABASE MANAGEMENT SYSTEMS						**Attainment**	**% of**
1:Apply design principles for database design, ER model	34	43	20	1	4	0.80	80.00
2:Demonstrate the basics of query evaluation and heuristic query optimization techniques	34	38	24	3	3	0.79	79.02
3:Access normalization relations of the relational model using normal forms	37	38	19	4	4	0.80	79.61
4:Implement transaction processing techniques in the database.	38	33	25	2	4	0.79	79.41
5:Design database security plan for database.	38	34	24	2	4	0.80	79.61
2.PCC- 20CSD111 DATA VISUALIZATION							
1: Employ best practices in data visualization to develop charts, maps, tables, and other visual representations of d	27	31	9	13	22	0.65	65.49
2:Use visualization tools such as Tableau, Power Bi to conduct data analysis, especially exploration of an unfamiliar	29	25	16	10	22	0.66	65.69
3:Create compelling, interactive dashboards to combine several visualizations into a cohesive and functional whole.	34	21	14	11	22	0.67	66.67
4:Utilize advanced Tableau features including parameters, data blending, custom SQL, very large datasets, custom c	27	27	14	12	22	0.65	64.90
5:Use data visualizations, dashboards, and Tableau Stories to support relevant communication for diverse audience	31	22	16	10	23	0.65	65.49
3.PCC -20CSD112 MACHINE LEARNING							
1:Appreciate the underlying mathematical relationships within and across machine learning algorithms and the par	41	28	16	3	14	0.75	75.49
2:Appreciate machine learning challenges and suggest solutions for the same	32	40	13	3	14	0.74	74.31
3:Design and implement various machine learning algorithms in a range of real-world applications	40	33	11	4	14	0.76	75.88
4:Have an understanding of how cloud computing helps machine learning.	34	35	16	3	14	0.74	74.12
5: Design parallel programming with CUDA.	41	29	16	2	14	0.76	75.88
4. Professional Elective-20CSD403 Software Engineering							
1: Describe principles, concepts, and practice of software engineering.	35	38	10	2	17	0.74	74.12
2:Explain the methods and processes of constructing the different types of software systems.	34	36	13	3	16	0.74	73.53
3: Describe software design and engineering process.	37	37	10	1	16	0.75	75.45
4: Explain testing strategies of software projects and quality of software systems.	39	33	14	0	16	0.75	75.49
5:Understand project planning and quality management process.	36	37	10	3	16	0.75	74.51
5.20CSD209 DATA VISUALIZATION LABORATORY							
1:Differentiate the various tools for data visualization.	25	32	18	4	23	0.66	66.27
2:Analyses and use the python libraries for visualizing the data.	30	26	17	8	21	0.67	67.06
3:Understand dashboard creation and storytelling.	30	26	15	9	22	0.66	66.47
4:Differentiate the different types of data and the type of visualization that best suits the data.	31	30	12	6	23	0.68	67.84
5:Analyse gnuplot for drawing various graphs and charts.	29	29	16	6	22	0.67	67.25
6.20CSD210 MACHINE LEARNING LABORATORY							
1:Design and implement various machine learning algorithms in a range of real-world applications	38	36	11	1	16	0.75	75.49
2:Appreciate the underlying mathematical relationships within and across machine learning algorithms	40	33	12	1	16	0.76	75.69
3:Analyse the paradigms of supervised and un-supervised learning	41	30	13	2	16	0.75	75.29
4:Apply suitable machine learning techniques for data handling	39	38	8	1	16	0.76	76.27
5:Evaluate the performance of algorithms.	41	31	13	1	16	0.76	75.69
7.Skill Oriented Course - III:20CSD604 R PROGRAMMING FOR DATA SCIENCE							
1:Utilize R programming language proficiently for data analysis tasks.	39	34	12	1	16	0.75	75.49
2:Manipulate data using vectors, matrices, and data frames	43	31	9	4	15	0.76	76.27
3:Create meaningful data visualizations with R's plotting libraries.	40	38	6	2	16	0.76	76.47
4:Perform basic statistical operations for data analysis.	38	35	10	3	16	0.75	74.90
5:Implement decision trees for regression and classification tasks in R.	41	34	11	0	16	0.76	76.47
8.20CE901 DISASTER MANAGEMENT							
1:Explain various disaster concepts	37	28	17	2	18	0.73	72.55
2: Differentiate between categories of disasters	41	29	13	3	16	0.75	74.90
3:Analyze impact of various types of disasters	39	30	14	2	17	0.74	74.12
4:Select disaster risk mitigation measures	39	30	13	3	17	0.74	73.92
5:Identify the impact of development activities	37	26	20	2	17	0.73	72.55

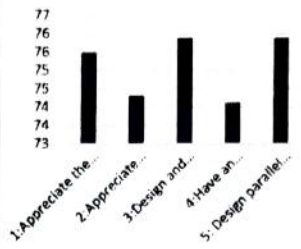
1. PCC- 20CSD110 DATABASE MANAGEMENT SYSTEMS



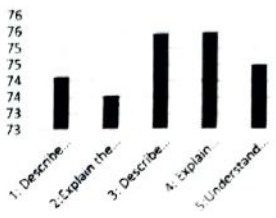
2.PCC- 20CSD111 DATA VISUALIZATION



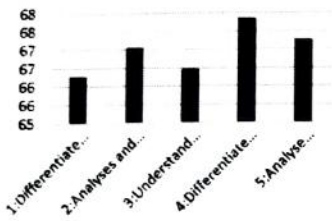
3.PCC -20CSD112 MACHINE LEARNING



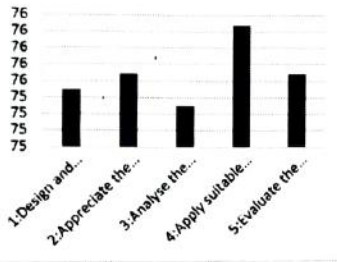
4. Professional Elective-20CSD403 Software Engineering



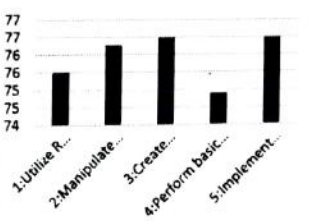
5.20CSD209 DATA VISUALIZATION LABORATORY



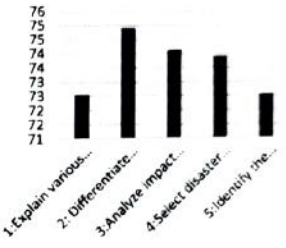
6.20CSD210 MACHINE LEARNING LABORATORY



7.SOC- III:20CSD604 R PROGRAMMING FOR DATA SCIENCE



8.20CE901 DISASTER MANAGEMENT



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