

Shri G.S. Institute of Technology & Science, Indore

DEPARTMENT OF COMPUTER ENGINEERING

B.Tech (IIIrd Year)

COURSE FILE

Subject Code: CO34563 **Subject Nomenclature:** Design and Analysis of Algorithms

Session: 2021-2022

Semester: B

Faculty Name: Surendra Gupta

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2.	List of PO & PEO	1
3.	Updated syllabus with	2
	a) Course Objectives	
	b) Course Outcomes (COs)[At least four]	
	c) Text books (at least 3)	
	d) Reference books (at least 5) (Unit wise reference book)	
	e) Reference web sites (Reading Materials for Course - topic wise)	
	f) MOOCs course references	
4.	Time Table	
5.	Mapping of CO with PO	
6.	Summary lecture plan (unit wise)	
7.	Detail lecture plan (Day Wise) [40 lectures]	

8. Tutorials sheet/Home Assignments (At least 6)
9. Tutorials sheet solutions with rubrics
10. **Mid Semester papers & its solution with rubrics**
11. Classroom quizzes (at least four) with solution (10 min each)
12. Moodle MCQ (at least 6) (at least 10 questions per MCQ)
13. **Lab Plan (at least 12 Labs) [What to do in each lab]**
14. **Lab Assignments (at least 6)**
15. Lab Assignments solution with rubrics
16. Mini Project list and rubrics
17. **Final Exam paper with solution and rubrics**
18. List of CO Assessment activities (Direct & Indirect)
19. **Pie chart of assessments activities w.r.t bloom taxonomy, CO.**
20. **CO and PO Attainment**
21. Mode of Content Delivery (for Theory & Lab)
22. Question Bank - at least 100 questions (topic-wise)
23. **Course assessment policies (How to calculate CW/SW)**
24. **CW/SW assessment sheet of students**
25. Mapping of CO with Lab Experiments (If Applicable)
26. **Students attendances record**
27. **Students Feedback (Pre and post)**

28. Mapping of all assessment activities to PI, CO, and Blooms taxonomy
29. **Summary (in Bar/Pi /.. Graph) of all assessment activities.**
30. CO, PO Attainment analysis
31. Student's feedback analysis
32. Any other innovative practice
33. List of actions taken to improve PO attainment