

**SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING  
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING**

**SEMESTER VI**

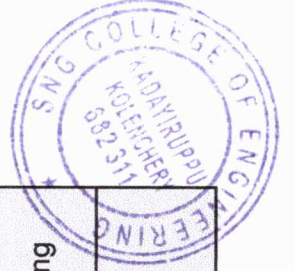
**COURSE CODE AND NAME: CST 322 DATA ANALYTICS, FACULTY: Lisha Kurian**

**COURSE OUTCOMES**

<b>CO 1</b>	Illustrate the mathematical concepts for data analytics (Cognitive Knowledge Level: Apply)
<b>CO 2</b>	Explain the basic concepts of data analytics (Cognitive Knowledge Level: Understand)
<b>CO 3</b>	Illustrate various predictive and descriptive analytics algorithms (Cognitive Knowledge Level: Apply)
<b>CO 4</b>	Describe the key concepts and applications of Big Data Analytics (Cognitive Knowledge Level: Understand)
<b>CO 5</b>	Demonstrate the usage of Map Reduce paradigm for Big Data Analytics (Cognitive Knowledge Level: Apply)
<b>CO 6</b>	Use R programming tool to perform data analysis and visualization (Cognitive Knowledge Level: Apply)

**PROGRAM OUTCOMES**

<b>Engineering Graduates will be able to:</b>
PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2. 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.
PO3. 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.
PO4. 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.
PO5. 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.
PO6. 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.



**PRINCIPAL**

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PO7. 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.
PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10. 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.
PO11. 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.
PO12. 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

**PROGRAM SPECIFIC OUTCOMES (PSO's)**

PSO1: Shall enhance the employability skills by finding innovative solutions for challenges and problems in various domains of CS.
PSO2: Shall apply the acquired knowledge to develop software solutions and innovative mobile applications for various problems.

*A. Arave*

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**SEMESTER VI**

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**SESSIONAL**

SL.NO	REG.NO	NAME	Internal1	Internal 2	Internal	Assignment 1	Assignment 2	Assignment	Attendance %	Att Mark	SESSIONAL
		Max.Marks	50	50	25	15	15	15		10	50
1	SNG20CS001	AAVANI S KUMAR	28.5	27	14	13	14	13.5	77	7.7	35
2	SNG20CS003	ABHIJITH K B	34.5	24	15	10	14	12	91	10	37
3	SNG20CS004	ABHIMANYU V M	29	21	13	13	14	13.5	88	8.8	35
4	SNG20CS005	ABHINAV P S	24.5	22	12	15	14	14.5	88	8.8	35
5	SNG20CS006	ABHIRAM K RAJAN	27.5	17	11	14	14	14	93	10	35
6	SNG20CS007	ABHISHEK SUNIL	28.5	16	11	14	14	14	91	10	35
7	SNG20CS008	ADAMS JACOB	26.5	26	13	14	14	14	81	8.1	35
8	SNG20CS009	ADARSH ANIL	28	21	12	14	14	14	88	8.8	35
9	SNG20CS010	ADHEENA DEV	37	28	16	11	14	12.5	84	8.4	37
10	SNG20CS013	AISWARIYA BINU	37	36.5	18	14	14	14	88	8.8	41
11	SNG20CS014	AJAY JOY	38	24	16	14	14	14	84	8.4	38
12	SNG20CS015	AJIN JOHNSON	26.5	24	13	14	14	14	79	7.9	35
13	SNG20CS016	AKSHAY SHAJI	25.5	21	12	13	14	13.5	91	10	35
14	SNG20CS018	ALAN TOMY	21.5	20	10	9	14	11.5	77	7.7	30
15	SNG20CS019	AMMU VIJAYAN	36.5	27	16	14	14	14	91	10	40
16	SNG20CS020	ANAGHA P	36.5	30	17	15	14	14.5	84	8.4	40
17	SNG20CS021	ANANDHA	25.5	23	12	14	14	14	88	8.8	35
18	SNG20CS022	ANANDHU SAJI	24.5	28	13	14	14	14	77	7.7	35
19	SNG20CS023	ANANDU	34	31.5	16	14	14	14	93	10	40
20	SNG20CS024	ANANIA SANTHOSH	38	21	15	14	14	14	93	10	39
21	SNG20CS025	ANCILA ANSARI	23.5	26.5	13	14	14	14	95	10	37
22	SNG20CS026	ANJIMA MADHU	30.5	31	15	15	14	14.5	93	10	40
23	SNG20CS027	ANJITHA P S	27	30	14	12	14	13	79	7.9	35
24	SNG20CS028	ANKIT SUDEV	26	27	13	13	14	13.5	79	7.9	35
25	SNG20CS029	ANN MARY GEORGE	26	26.5	13	14	14	14	81	8.1	35
26	SNG20CS030	ANTONY C ROBERT	23.5	27	13	13	14	13.5	88	8.8	35
27	SNG20CS031	ARAVIND	28.5	27	14	12	14	13	79	7.9	35
28	SNG20CS032	ARDRA SURESH	28.5	18.5	12	14	14	14	93	10	36
29	SNG20CS033	AROMAL BIJU	24.5	12	9	12	14	13	84	8.4	31
30	SNG20CS034	ASHIN GIRISH	28.5	20	12	14	14	14	88	8.8	35
31	SNG20CS035	ASHLY SHAJI	37.5	32	17	14	14	14	79	7.9	39
32	SNG20CS036	ASHNA SURESH	28.5	20	12	15	14	14.5	88	8.8	35
33	SNG20CS037	ASWAL K SUNIL	28.5	23	13	12	14	13	88	8.8	35
34	SNG20CS038	ASWAN K S	25.5	19	11	14	14	14	91	10	35
35	SNG20CS039	A V GURUPRASAD	28.5	27	14	13	14	13.5	79	7.9	35
36	SNG20CS040	BAISIL BABY	27	27	14	14	14	14	75	7.5	35
37	SNG20CS041	BASELIOS PAUL	27	23	13	14	14	14	81	8.1	35
38	SNG20CS042	BASIL KUNJUMON	24.5	24	12	14	14	14	86	8.6	35
39	SNG20CS043	BHAGYALAKSHMI BIJU	28.5	20	12	14	14	14	91	10	36
40	SNG20CS062	LIVIA CHRISTOPHER	29	23	13	14	14	14	86	8.6	36

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