



**Karnatak Law Society's
Institute of Management Education and Research
(Autonomous)**



Lesson Plan

Course: BASICS OF BUSINESS ANALYTICS

Course Code: 25DSC102

Semester: I

Division: A

Academic Year: 2025-26

Duration of Session: 60 Min.

No. of Sessions: 26

Course Objectives

1. Understand the fundamentals of Business Analytics.
2. Understand the application of contemporary technologies in business management.

Learning Outcomes:

1. CO-1: Understand the basics of Business analytics
2. CO-2: Understand AI and Block chain
3. CO-3: Understand the concepts of IOT, VR, AR and GPT

Sl. No	Date	Timings	Topics to be Covered	Activities/Exercises (if any)
1	06-11-2025	15:30-16:30	Introduction to business analytics	Chalk and Talk
2	07-11-2025	15:30-16:30	Role of Data in Business analytics, BA tools like tableau and Power BI.	Chalk and Talk
3	12-11-2025	12:30-13:30	Role of Data in Business analytics, BA tools like tableau and Power BI.	Lab session
4	13-11-2025	15:30-16:30	Data Mining, Business Intelligence and DBMS	Chalk and Talk
5	14-11-2025	15:30-16:30	Application of business Analytics.	Case study
6	19-11-2025	12:30-13:30	Introduction to Artificial Intelligence and Machine Learning	Chalk and Talk
7	20-11-2025	15:30-16:30	Concepts of supervised learning and unsupervised learning.	Class Presentation
8	21-11-2025	15:30-16:30	Concepts of supervised learning and unsupervised learning.	Chalk and Talk
9	26-11-2025	12:30-13:30	Concepts of supervised learning and unsupervised learning.	Chalk and Talk
10	27-11-2025	15:30-16:30	Fundamentals of block chain	Chalk and Talk
11	28-11-2025	15:30-16:30	Block chain- connection between Business processes and events	Chalk and Talk
12	03-12-2025	12:30-13:30	Block chain- connection between Business processes and events and	Lab session
13	04-12-2025	15:30-16:30	Smart contracts.	Chalk and Talk
14	05-12-2025	15:30-16:30	Smart contracts.	Chalk and Talk

15	10-12-2025	12:30-13:30	Smart contracts.	Chalk and Talk
16	11-12-2025	15:30-16:30	Concepts and relevance of IOT in the business context. Concept	Lab session
17	12-12-2025	15:30-16:30	Virtual Reality and Augmented Reality	Chalk and Talk
18	17-12-2025	12:30-13:30	Virtual Reality and Augmented Reality	Class presentation and videos
19	18-12-2025	15:30-16:30	Introduction to Language Learning Models	Chalk and Talk
20	19-12-2025	15:30-16:30	Foundations of Transformer Models	Chalk and Talk
21	24-12-2025	12:30-13:30	Generative Pre-trained Transformer (GPT)	Chalk and Talk
22	26-12-2025	15:30-16:30	Prompt Engineering	Chalk and Talk
23	31-12-2025	12:30-13:30	Applications of Language Learning Models	Chalk and Talk
24	02-01-2026	15:30-16:30	Applications of Language Learning Models	Chalk and Talk
25	07-01-2026	12:30-13:30	Advanced Applications and Future Directions	Lab session
26	08-01-2026	15:30-16:30	Advanced Applications and Future Directions	Lab session

Course Faculty : Sumanth P Desai

Director: Dr. Arif Shaikh



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Course Objectives

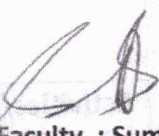
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Sl. No	Date	Timings	Topics to be Covered	Activities/Exercises (if any)
1	08-11-2025	09:00-10:00	Introduction to business analytics	Chalk and Talk
2	12-11-2025	10:30-11:30	Role of Data in Business analytics, BA tools like tableau and Power BI.	Chalk and Talk
3	15-11-2025	09:00-10:00	Role of Data in Business analytics, BA tools like tableau and Power BI.	Lab session
4	19-11-2025	10:30-11:30	Data Mining, Business Intelligence and DBMS	Chalk and Talk
5	22-11-2025	09:00-10:00	Application of business Analytics.	Case study
6	26-11-2025	10:30-11:30	Introduction to Artificial Intelligence and Machine Learning	Chalk and Talk
7	29-11-2025	09:00-10:00	Concepts of supervised learning and unsupervised learning.	Class Presentation
8	03-12-2025	10:30-11:30	Concepts of supervised learning and unsupervised learning.	Chalk and Talk
9	06-12-2025	09:00-10:00	Concepts of supervised learning and unsupervised learning.	Chalk and Talk
10	10-12-2025	10:30-11:30	Fundamentals of block chain	Chalk and Talk
11	13-12-2025	09:00-10:00	Block chain- connection between Business processes and events	Chalk and Talk
12	17-12-2025	10:30-11:30	Block chain- connection between Business processes and events and	Lab session
13	20-12-2025	09:00-10:00	Smart contracts.	Chalk and Talk
14	24-12-2025	10:30-11:30	Smart contracts.	Chalk and Talk

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26	07-02-2026	09:00-10:00	Advanced Applications and Future Directions	Lab session


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