



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109
DEPARTMENT OF MANAGEMENT STUDIES
 SESSION: 2022-2023 (ODD SEMESTER)
LESSON PLAN

NAME OF THE STAFF : S RAJA MOHAN

COURSE CODE/TITLE : 20MBA301-EMERGING EXPONENTIAL TECHNOLOGIES

SEMESTER/YEAR : III SEMESTER / II YEAR

ACADEMIC YEAR : 2022-2023

Sl. No.	Topic to be covered	Mode of Delivery	Teaching Aid	No. of Periods	Cumulative No. of Periods	Proposed Date	Execution Date
1	Module-1 :Introduction to EMERGING TECHNOLOGIES :	L+D	WB+LCD	1	1	28.11.2022	29/11/2022
2	Historical background of the industrial revolution	L+D	WB+LCD	1	2	29.11.2022	30/11/2022
3	Introduction to fourth industrial revolution- IR 4.0	L+D	WB+LCD	1	3	30.11.2022	1/12/2022
4	Role of data for emerging technologies	L+D	WB+LCD	1	4	1.12.2022	5/12/2022
5	Enabling devices and Networks for engineering technologies	L+D	WB+LCD	1	5	5.12.2022	6/12/2022
6	Human to Machine interaction	L+D	WB+LCD	1	6	6.12.2022	6/12/2022
7	Future trends in Emerging Technologies	L+D	WB+LCD	1	7	7.12.2022	7/12/2022
8	Module -2 DATA SCIENCE: Introduction	L+D	WB+LCD	1	8	8.12.2022	8/12/2022
9	Definition of Data and Information	L+D	WB+LCD	1	9	10.12.2022	19/12/2022
10	Data types and Representation	L+D	WB+LCD	1	10	12.12.2022	20/12/2022
11	Data value chain, Data Acquisition	L+D	WB+LCD	1	11	13.12.2022	21/12/2022
12	Data Analysis	L+D	WB+LCD	1	12	14.12.2022	23/12/2022
13	Data Curating, Data Storage	L+D	WB+LCD	1	13	15.12/2022	24/12/2022
14	Data usage	L+D	WB+LCD	1	14	19.12.2022	26/12/2022
15	Basic concepts of Big Data	L+D	WB+LCD	1	15	20.12.2022	27/12/2022
16	Module -3 ARTIFICIAL INTELLIGENCE	L+D	WB+LCD	1	16	21.12.2022	28/12/2022
17	Concept of AI	L+D	WB+LCD	1	17	22.12.2022	31/12/2022
18	History of AI	L+D	WB+LCD	1	18	24.12.2022	2/1/2023
19	Types of AI	L+D	WB+LCD	1	19	.26.12.2022	14/1/2023

20	Application of AI in Agriculture	L+D	WB+LCD	1	20	27.12..2022	16/1/23
21	Application of AI in Health	L+D	WB+LCD	1	21	28.12.2022	15/1/23
22	AI in Emerging Market	L+D	WB+LCD	1	22	29.12.2022	18/1/23
23	AI in Education	L+D	WB+LCD	1	23	31.12..2022	19/1/23
24	AI tools and plat forms	L+D	WB+LCD	1	24	29.12.2022	23/1/23
25	AI tools and plat forms	L+D	WB+LCD	1	25	31.12.2022	24/1/23
26	Module -4 INTERNET OF THINGS	L+D	WB+LCD	1	26	2.1.2023	25/1/23
27	Overview of IOT	L+D	WB+LCD	1	27	3.1.2023	28/1/23
28	History of IOT	L+D	WB+LCD	1	28	4.1.2023	29/1/23
29	Advantages of IOT	L+D	WB+LCD	1	29	5.1.2023	31/1/23
30	IOT working Process	L+D	WB+LCD	1	30	9.1.2023	13/2/23
31	Architecture of IOT	L+D	WB+LCD	1	31	10.1.2023	14/2/23
32	Devices and Network	L+D	WB+LCD	1	32	11.1.2023	15/2/23
33	Applications of IOT at Smart Home	L+D	WB+LCD	1	33	12.1.2023	16/2/23
34	Applications of IOT smart grid	L+D	WB+LCD	1	34	19.1.2023	20/2/23
35	IOT Smart City	L+D	WB+LCD	1	35	23.1..2023	21/2/23
36	Wearable Devices	L+D	WB+LCD	1	36	24.12023	22/2/23
37	Smarty farming	L+D	WB+LCD	1	37	25.1.2023	23/2/23
38	IOT tools and Platforms	L+D	WB+LCD	1	38	28.1.2023	25/2/23
39	Sample application with hands on activity	L+D	WB+LCD	1	39	30.1.2023	27/2/23
40	Module -5 AUGMENTED REALITY AND VIRTUAL REALITY	L+D	WB+LCD	1	40	31.1.2023	27/2/23
41	Introduction to AR	L+D	WB+LCD	1	41	.1.2.2023	28/2/23
42	Introduction to VR	L+D	WB+LCD	1	42	2.2..2023	28/2/23
43	AR vs MR	L+D	WB+LCD	1	43	6.2..2023	11/3/23
44	Architecture of AR systems	L+D	WB+LCD	1	44	.7.2.2023	21/3/23
45	Application of AR systems	L+D	WB+LCD	1	45	8.2.2023	21/3/23
46	Education, Medical, Entertainment	L+D	WB+LCD	1	46	9.2.2023	24/3/23
47	Workshop oriented Hands Demo	L+D	WB+LCD	1	47	13.2.2023	31/3/23
48	Workshop	L+D	WB+LCD	1	48	14.2.2023	31/3/23
49	Module-6 ETHICS, PROFESSIONALISM AND OTHER EMERGING TECHNOLOGIES	L+D	WB+LCD	1	49	15.2.2023	6/4/23
50	Technology and Ethics, Digital Privacy, accountability and trust	L+D	WB+LCD	1	50	16.2.2023	10/4/23
51	Block chain Technology Cloud and Quantum computing, automatic computing	L+D	WB+LCD	1	51	23.2.2023	4/4/23

52	Computer vision, cyber security, 3D printing	L+D	WB+LCD	1	52	25.2.2023	7/3/23
53	Case study	L+D	WB+LCD	1	53	2.3.2023	7/3/23
54	Case study	L+D	WB+LCD	1	54	6.3.2023	8/3/23
55	Revision	L+D	WB+LCD	1	55	7.3.2023	8/3/23
56	Revision	L+D	WB+LCD	1	56	8.3.2023	

Total No. of Lecture Hours = 52

Total No. of Case study Hours = 2

Total No. of Revision Hours = 2

	Mode of Assignment and Instructions	Date
Assignment 1	Written –essays on Module 1 and 2	5/1/2023
Assignment 2	Written essays on Module 3 and 4	2/2/2023
Assignment 3	Written –essays on Module 4 and 6	6/3/2023



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