MALNAD COLLEGE OF ENGINEERING, HASSAN
(An Autonomous Institution Affiliated to VTU, Belgaum)
DEPARTMENT OF ENGINEERING

Course Title	Data structure and applications		
Course Code	23IS503	(L-T-P)C	(3-2-1) 4.0
Exam	3 Hrs.	Hours/Week	6
SEE	50 Marks	Total Hours	27L+14P

Course Objectives

• dsa

Course outcomes: At the end of course, student will be able to:

#	Course Outcomes	Mapping to PO's	Mapping to PSO's
1.	a	6	-
2.	b	3,6	-
3.	c	3,6	-

Module-wise Breakdown

Module	Details	Hrs
1	Module 1	8
2	Module 2	8
3	Module 3	8

Prescribed Test Books

Sl No	Book Title	Authors	Edition	Publisher	Year
1	Machine Learning	VTU Belagavi	-	Pearson	2021

Reference Books

Sl No	Book Title	Authors	Edition	Publisher	Year
1	web development	activities reports and its manual.			2013

E-Resources

E-Books:
1. 1. http://14.139.161.31/OddSem-0822-1122/Hands-On_Machine_Learning_with_Scikit-Learn-Keras-and-TensorFlow-2nd- Edition-Aurelien-Geron.pdf
MOOC Courses:
1. https://swayam.gov.in/nd1_noc19_cs52/preview

Proposed Assessment Plan (for 50 marks of CIE):

Tool	Remarks	Marks
Internals	Three tests conducted for 20 marks each and reduced to 10 marks	30
AAT	Details of activities to be conducted	20
	Total	50

Laboratory Plan

S.No	Program Details
1	stack program

Course Articulation Matrix

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2		3											
CO2		1			3									
CO3														