Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Curriculum Structure and Credit System

Second Year B.Tech. (Artificial Intelligence & Machine Learning)

Applicable from A.Y. 2025 - 26 and Onwards

Semester – III

S. N.	Course Particulars			Course Delivery				Assessments					
	Category	Code	Name	L	T	I	P	H	Credits	ISE/ LA1	MSE/ LA2	ESE	Ext. OE/ POE
1	PCC	1AI201	Searches & Logics in AI	3				3	3	20	30	50	--
2	PCC	1AI202	Computer Architecture and Networking	3				3	3	20	30	50	--
3	PCC	1AI203	Data Structures and Algorithms	3				3	3	20	30	50	--
4	PCC	1AI204	Discrete Mathematics	3				3	3	20	30	50	--
5	PCC	1AI251	Searches and Logics Lab				2	2	1	30	30	40	POE
6	PCC	1AI252	Data Structures Lab				2	2	1	30	30	40	POE
7	PCC	1AI253	Object Oriented Programming Lab	1			2	3	2	30	30	40	POE
8	VSEC	7VE201	Value Education	2				2	2	30	30	40	--
9	AEC	7EE201	Understanding Incubation and Entrepreneurship (NPTEL)	3				3	3	20	30	50	--
10	CEP/FP	1CEAI201	Project Management and Technical Writing			1		1	1	30	30	40	--
			Totals	**18**	**0**	**01**	**06**	**25**	**22**				

DAC/Secretary, BoS

Chairman, BoS

Dean Academics

Curriculum Structure and Credit System
Second Year B.Tech. (Artificial Intelligence & Machine Learning)

Applicable from A.Y. 2025 - 26 and Onwards

Semester – IV

S. N.	Course Particulars			Course Delivery					Credits	Assessments			
	Category	Code	Name	L	T	I	P	H		ISE/ LA1	MSE/ LA2	ESE	Ext. OE/ POE
1	PCC	1AI221	Decision Modeling using AI	3				3	3	20	30	50	--
2	PCC	1AI222	Mathematical Foundation For AI	3				3	3	20	30	50	--
3	PCC	1AI223	Operating System	3				3	3	20	30	50	--
4	PCC	1AI224	Computational Algorithms	3				3	3	20	30	50	--
5	PCC	1AI271	Python Programming Lab	1			2	3	2	30	30	40	--
6	PCC	1AI272	Decision Modeling Lab				2	2	1	30	30	40	POE
7	VSEC	1VSAI245	Frontend Technologies				2	2	1	30	30	40	POE
8	EEM	7AE201	Employability Skills	2				2	2	20	30	50	--
9	IKS	Refer List	IKS Elective	2				2	2	20	30	50	--
10	MDM	Refer List	MDM	2		1		3	3	20	30	50	--
			Totals	**19**	**0**	**01**	**06**	**26**	**23**				

DAC/Secretary, BoS **Chairman, BoS** **Dean Academics**