

ADIT

CVM University

Programme:  
M. Tech. in Artificial Intelligence

Semester : I  
Course Structure



**CVM**  
**UNIVERSITY**

(Established under Gujarat Private Universities  
(Second Amendment) Act : 2019 Gujarat Act No. 20 of 2019)

Course	Course Code	Course Title	Per Week			Credits	Exam Duration in Hours		Component of Marks				Total/ Passing
			L	T	P		Theory	Pract.	Theory		Practical		
									External / Passing	Internal / Passing	Internal / Passing	External / Passing	
Core I	102310101	Principles of Artificial Intelligence and Machine Learning	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
Core II	102310102	Python Programming	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
MLC*	102300111	Research Methodology and IPR	2	0	0	2	NA	NA	0/0	0/0	20/10	80/40	100/50
Programme Elective I (Any One)	102310103	Big Data Analytics	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
	102310104	Business Data Analytics and Visualization											
	102310105	Data Warehousing and Data Mining											
Programme Elective II (Any One)	102310106	Cloud Computing	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
	102311207	Distributed Systems											
	102310108	Internet of Things											
Audit 1 (Any One)	102301201	Constitution of India	2	0	0	0	2	NA	50/25	0/0	0/0	0/0	50/25
	102301202	Disaster Management											
	102301203	English for Research Paper Writing											
	102301204	Essential soft skills and Human Values											
	102301205	Pedagogy Studies											
	102301206	Personality Development through Life Enlightenment Skills											
	102301207	Sanskrit for Technical Knowledge											
	102301208	Stress Management by Yoga											
102301209	Value Education												
			<b>16</b>	<b>0</b>	<b>8</b>	<b>18</b>	<b>14</b>	<b>8</b>					

<b>CVM University</b>
<b>Programme:</b> <b>M. Tech. in Artificial Intelligence</b>
<b>Semester :II</b> <b>Course Structure</b>



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									External / Passing	Internal / Passing	Internal / Passing	External / Passing	
Core III	102310201	Artificial Neural Networks and Deep Learning	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
Core VI	102310202	Data Science and Use Cases	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
Core V	102310203	Image Processing and Computer Vision	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
Programme Elective III (Any One)	102310204	Intelligent Systems and Applications	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
	102310205	Robotics and Autonomous Systems											
	102310206	Soft Computing											
Programme Elective IV (Any One)	102310207	Advance Computing Technologies	3	0	2	4	3	2	70/35	30/15	20/10	30/15	150/75
	102310208	GPU Computing											
	102310209	Spatio-Temporal Data Analytics											
Core	102300112	Seminar	0	0	4	2	NA	NA	0/0	100/50	0/0	0/0	100/50
Audit 2 (Any One)	102301201	Constitution of India	2	0	0	0	2	NA	50/25	0/0	0/0	0/0	50/25
	102301202	Disaster Management											
	102301203	English for Research Paper Writing											
	102301204	Essential soft skills and Human Values											
	102301205	Pedagogy Studies											
	102301206	Personality Development through Life Enlightenment Skills											
	102301207	Sanskrit for Technical Knowledge											
	102301208	Stress Management by Yoga											
	102301209	Value Education											
			<b>17</b>	<b>0</b>	<b>14</b>	<b>22</b>	<b>17</b>	<b>10</b>					