



# VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]  
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



## NUMBER OF PROGRAMS IN WHICH CHOICE BASED CREDIT SYSTEM (CBCS) / ELECTIVE COURSE SYSTEM HAS BEEN IMPLEMENTED

### INDEX

S.NO	ACADEMIC YEAR	NAME OF THE ELECTIVE COURSE
1	2023-24	Computer Organization & Operating Systems
2		Error Correcting Codes
3		Electronic Measurements and Instrumentation
4		Object Oriented Programming through Java
5		Mobile Communications and Networks
6		Embedded System Design
7		Fundamentals of Internet of Things
8		Information Theory & Coding
9		Advanced Computer Architecture
10		Data Analytics
11		Image Processing
12		Principles of Programming Languages
13		Computer Graphics
14		Advanced Operating Systems
15		Informational Retrieval Systems
16		Distributed Databases
17		Natural Language Processing
18		Entrepreneurship
19		Fundamentals of Management for Engineers
20		Disaster Preparedness & Planning Management
21		Cyber Law & Ethics
22		Biometrics
23		Advanced Computer Architecture



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24	<b>2023-24</b>	Data Analytics
25		Image Processing
26		Principles of Programming Languages
27		Computer Graphics
28		Database Security
29		Advanced Operating Systems
30		Machine Learning
31		Pattern Recognition
32		Ethical Hacking
33		Network Programming
34		Scripting Languages
35		Mobile Application Development
36		Software Testing Methodologies
37		Entrepreneurship
38		Fundamentals of Management for Engineers
39		Disaster Preparedness & Planning Management
40		Cyber Law & Ethics
41		Data Warehousing and Business Intelligence
42		Artificial Intelligence
43		Web Programming
44		Image Processing
45		Computer Graphics
46		Spatial and Multimedia Databases
47		Information Retrieval Systems
48		Software Project Management
49		DevOps
50		Computer Vision and Robotics



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51	<b>2023-24</b>	Software Testing Methodologies
52		Data Visualization Techniques
53		Scripting Languages
54		Mobile Application Development
55		Cryptography and Network Security
56		Disaster Preparedness & Planning Management
57		Graph Theory
58		Introduction to Data Science
59		Scripting Languages
60		Image Processing
61		Computer Graphics
62		Software Testing Methodologies
63		Information Retrieval Systems
64		Pattern Recognition
65		Computer Vision and Robotics
66		Data Warehousing and Business Intelligence
67		Natural Language Processing
68		Data Mining
69		Internet of Things
70		Mobile Application Development
71		Web Technologies
72		Disaster Preparedness & Planning Management
73		Graph Theory
74		Introduction to Data Science
75		Web Programming
76		Image Processing





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77	<b>2023-24</b>	Computer Graphics
78		Software Testing Methodologies
79		Information Retrieval Systems
80		Pattern Recognition
81		Computer Vision and Robotics
82		Data Warehousing and Business Intelligence
83		Internet of Things
84		Data Mining
85		Scripting Languages
86		Mobile Application Development
87		Cryptography and Network Security
88		Disaster Preparedness & Planning Management
89		Artificial Neural Networks
90		Scripting Languages
91		Digital Image Processing
92		Biomedical Instrumentation
93		Database Management Systems
94		Network Security and Cryptography
95		Satellite Communications
96		Radar Systems
97		Wireless Sensor Networks
98		System on Chip Architecture
99		Test and Testability
100		Low Power VLSI Design
101		Electronic Sensors
102		Measuring Instruments



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103	2023-24	Graph Theory
104		Introduction to Embedded Systems
105		Artificial Intelligence
106		Cloud Computing
107		Ad-hoc & Sensor Networks
108		Advanced Algorithms
109		Real Time Systems
110		Soft Computing
111		Internet of Things
112		Software Process & Project Management
113		Computational Complexity
114		Distributed Systems
115		Neural Networks & Deep Learning
116		Human Computer Interaction
117		Cyber Forensics
118		Data Structures
119		Artificial Intelligence
120		Python Programming
121		Java Programming
122		Principles of Entrepreneurship
123		Machine Learning
124		Mobile Application Development
125		Scripting Languages
126		Database Management Systems
127		Total Quality Management
128		Organizational Behavior



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129	<b>2023-24</b>	Web Security
130		High Performance Computing
131		Artificial Intelligence
132		Cloud Computing
133		Ad-hoc & Sensor Networks
134		Intrusion Detection Systems
135		Real Time Systems
136		Soft Computing
137		Distributed Databases
138		Software Process & Project Management
139		Natural Language Processing
140		Distributed Systems
141		Neural Networks & Deep Learning
142		Human Computer Interaction
143		Cyber Forensics
144		Data Structures
145		Artificial Intelligence
146		Python Programming
147		Java Programming
148		Principles of Entrepreneurship
149		Machine Learning
150		Mobile Application Development
151		Scripting Languages
152		Database Management Systems
153		Total Quality Management
154		Organizational Behavior
155		Quantum Computing



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156	<b>2023-24</b>	Expert Systems
157		Cloud Computing
158		Game Theory
159		Mobile Computing
160		Social Network Analysis
161		Federated Machine Learning
162		Augmented Reality & Virtual Reality
163		Web Security
164		Ad-hoc & Sensor Networks
165		Speech and Video Processing
166		Robotics Process Automation
167		Randomized Algorithms
168		Cognitive Computing
169		Semantic Web
170		Principles of Entrepreneurship
171		Total Quality Management
172		Organizational Behavior