



## **CRITERIA 1.1.2**

The Programmes offered by the institution focus on employability/entrepreneurship/ skill development and their course syllabi are QM adequately revised to incorporate contemporary requirements.

# **Programme- MCA**

**Color Coding: -**

**1) EMPLOYABILITY**



**2) ENTREPRENEURSHIP**



**3) SKILL DEVELOPMENT**



**1.1.2: COURSES HAVING FOCUS ON THE SKILL DEVELOPMENT  
(SD) / EMPLOYABILITY (EM) / ENTREPRENEURSHIP (EN)  
OFFERED IN SCHOOL OF IT DEPARTMENT.**

**1) LIST OF MCA COURSES (OFFERED IN 2018-2023) WITH  
MAPPING TO (EMPLOYABILITY (EM)/SKILL  
DEVELOPMENT (SD)/ENTREPRENEURSHIP (EN)  
OFFERED IN SCHOOL OF IT DEPARTMENT**

**Table 1:- Mapping each MCA paper with employability (EM), Skill development (SD), and Entrepreneurship (EN)**

<b>Sr. No.</b>	<b>Name of Course</b>	<b>Course Code</b>	<b>Skill Development (SD)</b>	<b>Employability (EM)</b>	<b>Entrepreneurship (EN)</b>
1	Mathematical Foundations in Computer Science	MCA-101	✓	✓	✓
2	Programming in C	MCA-102	✓	✓	✓
3	Operating System	MCA-103	✓	✓	✓
4	Computer System & Architecture	MCA-104	✓	✓	✓
5	Database Management System	MCA-105	✓	✓	✓
6	Internet Programming	MCA-106	✓	✓	✓
7	C Programming Lab	MCA-151	✓	✓	✓
8	SQL & PL/SQL Lab	MCA-152	✓	✓	✓
9	Internet Programming Lab	MCA-153	✓	✓	✓
10	Object-Oriented Programming with C++	MCA-201	✓	✓	✓
11	Computer Network	MCA-202	✓	✓	✓
12	Data Structure	MCA-203	✓	✓	✓

<b>Sr. No.</b>	<b>Name of Course</b>	<b>Course Code</b>	<b>Skill Development (SD)</b>	<b>Employability (EM)</b>	<b>Entrepreneurship (EN)</b>
13	Software Engineering	MCA-204	✓	✓	✓
14	Java Programming	MCA-205	✓	✓	✓
15	Business Informatics	MCA-206	✓	✓	✓
16	Object-Oriented Programming with C++ Lab	MCA-251	✓	✓	✓
17	Data Structure Lab	MCA-252	✓	✓	✓
18	Java Programming Lab	MCA-253	✓	✓	✓
19	Cloud Computing	MCA-301	✓	✓	✓
20	Windows Programming Using C#	MCA-302	✓	✓	✓
21	Cyber Security	MCA-303	✓	✓	✓
22	Python Programming	MCA-304	✓	✓	✓
23	Computer Graphics	MCA-305	✓	✓	✓
24	Elective 1	MCA-306	✓	✓	✓
25	Windows Programming Using C# Lab	MCA-351	✓	✓	✓
26	Computer Graphics Lab	MCA-352	✓	✓	✓
27	Summer Industrial Training Present	MCA-353	✓	✓	✓

<b>Sr. No.</b>	<b>Name of Course</b>	<b>Course Code</b>	<b>Skill Development (SD)</b>	<b>Employability (EM)</b>	<b>Entrepreneurship (EN)</b>
28	Software Quality Assurance & Engineering	MCA-401	✓	✓	✓
29	Elective 2	MCA-402	✓	✓	✓
30	Industrial Project	MCA-451	✓	✓	✓