

B.Voc. Smart Manufacturing

Proposed Syllabus Structure (University Style)

Sem	Subject Code	Subject Title	Credits	Marks
I	SM101	Engineering Mathematics	4	100
I	SM102	Manufacturing Processes	4	100
I	SM103	Engineering Drawing & CAD	3	100
I	SM104	Communication Skills	2	50
I	SM105	Workshop Practice	3	100
II	SM201	Material Science	4	100
II	SM202	CNC Technology	4	100
II	SM203	Industrial Automation	4	100
II	SM204	Environmental Studies	2	50
II	SM205	Lab & Internship	4	100
III	SM301	Smart Sensors & IoT	4	100
III	SM302	Robotics in Manufacturing	4	100
III	SM303	PLC & SCADA	4	100
III	SM304	Quality Management	3	100
III	SM305	Minor Project	3	100

Marks Distribution: Theory 70 + Internal Assessment 30 = 100 marks. Practical/Lab courses:
Practical 60 + Viva 20 + Record 20 = 100 marks.