

DIPLOMA IN MINING ENGINEERING (MN) C-26 Curriculum Template													
I Year			III semester			IV Semester			V Semester			VI Semester	
Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name
HU-101	English	2.0	MN-301	Basic Electrical & Electronics Engineering	3.0	MN-401	Basic Mechanical Engineering	3.0	ME-501	Techno Entrepreneurship & Startups	3.0	MN-601	Industrial Training (20 credits)
SC-102	Engineering Mathematics	3.0	MN-302	Underground Mine Ventilation	3.0	MN-402	Rock Mechanics and Strata Control	3.0	MN-502	Surface Mining Technology	3.0		
SC-103	Engineering Physics	3.0	MN-303	Underground Coal Mining Technology	3.0	MN-403	Underground Metal Mining Technology	3.0	MN-503	Mine Legislation and General safety	3.0		
SC-104	Engineering Chemistry	3.0	MN-304	Basic Mine Surveying	3.0	MN-404	Advanced Mine Surveying	3.0	MN-504A	Mine Safety Engineering	3.0		
									MN-504B / SC-504 C	Mineral Processing / Advanced Engineering Mathematics			
MN-105	Elements of Mining Engineering	3.0	CS-305	Fundamentals of AI/ML	3.0	MN-405	Mineral Logistics	3.0	MN-505A	Mine Machinery	3.0		
									MN-505B	Mining allied laws			
MN-106	Mining Geology	3.0	MN-306	Basic Electrical and Electronics Engineering Lab	2.0	MN-406	Mechanical Engineering Lab	2.0	MN-506	Surface Mine Planning and Design Lab	2.0		
ME-107	Engineering Drawing with CAD	2.0	MN-307	Mine Ventilation Lab	2.0	MN-407	Rock Mechanics and Strata Control Lab	2.0	MN-507	Mine Machinery Lab	2.0		
MN-108	Mining Geology Lab	2.0	MN-308	Basic Mine Surveying Lab	2.0	MN-408	Advanced Mine Surveying Lab	2.0	MN-508	Mineral Processing Lab	2.0		
SC-109	Science Lab	2.0	CS-309	Fundamentals of AI/ML lab	2.0	MN-409	Underground Mine Planning and Design Lab	2.0	ME-509	Innovation & Design Thinking Lab	2.0		
CS-110	Computer Fundamentals Lab	2.0	HU-310	Communication Skills and Life Skills Lab	2.0	MN-410	Engineering work shop	2.0	MN-510	Project Work	2.0		
		25.0			25.0			25.0			25.0		

