

**MODULE DETAILS –VISITING LECTURER**

<b>Course</b>	<b>Automobile Technology</b>			
<b>Division</b>	<b>Mechanical Technology Division</b>			
<b>Batch</b>	<b>Semester</b>	<b>Name of the Module</b>	<b>No:of Hours</b>	
<b>2022</b>	<b>NVQ 05-II</b>	Pneumatics	50	15
		automobile Internal combustion engines	60	25
		Automobile engine sub systems	85	25
		Emission control system, engine performance and drivability	35	10
		Automobile chassis and allied systems	60	30
		Costing and estimating	20	20
		Plan and assign jobs	20	20
<b>2021</b>	<b>NVQ 06-II</b>	Estimate Preparation for Repair/Service	20	20
		Vehicle Body and Body Finishes	60	10
		Supervise work in progress	75	15
<b>2020</b>		Provide Technical workshop information/ specifications to staff and other departments	50	20
		Modify/Alter vehicle/Vehicle components	125	40
		Manage Assembly lines/Production line	125	40
		Collect, process data and analyze information	50	40
		Manage Vehicle Handover Activities	30	15
<b>Course</b>	<b>Building Services Technology</b>			
<b>Division</b>	<b>Civil Technology Division</b>			
<b>Batch</b>	<b>Semester</b>	<b>Name of the Module</b>	<b>No:of Hours</b>	
			<b>Theory</b>	<b>Practical</b>
<b>2020</b>	<b>NVQ 06-II</b>	Mechanics of machines	60	30
		Project	90	40
		Compressed air systems	30	15
		Boiler and hot water systems	90	40
<b>2021</b>	<b>NVQ 06-I</b>	Energy management	60	30
		Building automation systems	60	30
		Vertical transportation	30	15
		HVAC system	60	40
		Quantity surveying	60	15
<b>2022</b>	<b>NVQ 05-II</b>	Occupational health and safety procedures and practice	60	60
		Ancillary services	105	60
		Heating, Ventilation and Air Conditioning (HVAC) System	60	40
<b>2023</b>	<b>Foundation</b>	Occupational Safety & Health	50	
		Basic Workshop Practice I	100	
		Basic Electronic Practices	100	

		Basic Refrigeration & Air Conditioning Practices	100	
		Basic Engineering Drawings	100	
<b>Course</b>	<b>Construction Technology</b>			
<b>Division</b>	<b>Civil Technology Division</b>			
<b>Batch</b>	<b>Semester</b>	<b>Name of the Module</b>	<b>No:of Hours</b>	
			<b>Theory</b>	<b>Practical</b>
<b>2020</b>	<b>NVQ06-II</b>	Construction Management	80	40
		Water supply, Drainage and Sewerage Technology- II	100	50
<b>2021</b>	<b>NVQ06-I</b>	Structural Analysis & Fundamentals of Structural Design	150	50
		Construction plant & Earthwork operations	40	25
<b>2022</b>	<b>NVQ05-II</b>	Preparing Bill Of Quantities, Budgeting and Estimating	25	50
		Water supply, Drainage & Sewerage Technology -I	60	20
<b>2023</b>	<b>Foundation</b>	Basic Electrical Practices	60	40
		Mechanical Drawings	60	40
<b>Course</b>	<b>Cosmetology</b>			
<b>Division</b>	<b>Tourism and Cosmetology</b>			
<b>Batch</b>	<b>Semester</b>	<b>Name of the Module</b>	<b>No:of Hours</b>	
			<b>Theory</b>	<b>Practical</b>
<b>2020</b>	<b>NVQ06-II</b>	-		
<b>2021</b>	<b>NVQ06-I</b>	Advanced makeup	40	145
<b>2022</b>	<b>NVQ05-II</b>	Regulatory requirements for hair & beauty industry	30	0
<b>2023</b>	<b>Foundation</b>	Beautician		270
		Hairdresser		330
<b>Course</b>	<b>Farm Machinery Technology</b>			
<b>Division</b>	<b>Mechanical Technology</b>			
<b>Batch</b>	<b>Semester</b>	<b>Name of the Module</b>	<b>No:of Hours</b>	
			<b>Theory</b>	<b>Practical</b>
<b>2020</b>	<b>NVQ06-II</b>	Working Principles of farm machinery and implements	40	20
		Selection and application of material in manufacture of farm machinery	40	20
		3-D Mechanical drawings in CADD software	20	60
		Quality management systems -Process planning	60	40
		Waste management and environmental legislation	60	40

2021	NVQ06-I	Farm machinery evaluation and selection	90	50
		Fault diagnosis -Hydraulic systems and components	40	60
		Theory of motion of machine components and their inertia forces	80	20
		Systematic design procedures of appropriate farm machinery	60	20
2022	NVQ05-II	Fault Diagnosis -Electrical systems and components	30	30
		Quality assurance of products and services	50	30
2023	Foundation	Basic engineering Drawings		100
<b>Course</b>	<b>Quantity Surveying</b>			
<b>Division</b>	<b>Civil Division</b>			
<b>Batch</b>	<b>Semester</b>	<b>Name of the Module</b>	<b>No:of Hours</b>	
			<b>Theory</b>	<b>Practical</b>
2020	NVQ06-II	Quantity Surveying Practice - IV	110	20
		Law - II	70	20
		Project Work	15	15
2021	NVQ06-I	Quantity Surveying Practice - III	100	20
2022	NVQ05-II	Building measurements II	60	10
		Cost planning and analysis	60	10
		Estimating & bidding	70	10
		General economics	33	10
		Standard forms of contract	45	10
2023	Foundation	Basic Electrical Practices	100	
		Basic Engineering Drawings	100	
<b>Course</b>	<b>Refrigeration and Air Conditioning Technology</b>			
<b>Division</b>	<b>Mechanical Technology</b>			
<b>Batch</b>	<b>Semester</b>	<b>Name of the Module</b>	<b>No:of Hours</b>	
			<b>Theory</b>	<b>Practical</b>
2020	NVQ06-II	Testing and Commissioning of Refrigeration Plants	60	40
		Testing and Commissioning of Air Conditioning Plants	100	40
2021	NVQ06-I	Refrigeration Systems and Equipment: Troubleshooting	60	70
		Plant Maintenance	40	40
2022	NVQ05-II	Air Conditioning Plants: Installation	80	100
		Operation of Air Conditioning Systems	60	40
2023	Foundation	Basic Engineering Drawing	100	
		Basic Electrical Practices	100	