

**NATIONAL VOCATIONAL EDUCATION QUALIFICATION
FRAMEWORK [NVEQF]**

2012-13

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
7TH FLOOR, CHANERLOK BUILDING
JANPATH, NEW DELHI – 110 001**

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Introduction

All India Council for Technical Education, (AICTE), the apex body for making and maintaining the norms of Technical Education in the country has framed a National Vocational Education Qualification Framework (NVEQF) for the polytechnics and Engineering Colleges.

NVEQF is introduced by Government in order to formally integrate vocational education together with its current conventional educational streams across school and higher education space and provide an opportunity and incentive to students to explore a large universe of opportunity.

It is important that a Vocational Educational Qualification Framework is in place that allow cross mobility of standards and their absorption in Industry with certain skill gained over a fixed period of time or their seamless integration into higher learning that enable them to acquire formal degree and higher skill so that they perform higher level jobs in Industry.

Rational of NVEQF

- **Across sectors and across the country.** The Initiative addresses skills in all sectors and areas.
- **Short duration, focused and modular programs** allow for quick and effective delivery of skills training. This allows a person to become productive relatively quickly at younger age. The modular approach also means that he can add on to his portfolio of skills for vertical and horizontal progression. At the same time the content is focused to allow for dissemination of only relevant skill. The duration is decided taking into account the objectives and content of the constituent programs. Amongst other things it would be based on Employer-Employee needs, availability of Infrastructure and Equipment, Characteristics of the Training Content, etc
- Programmes of varied durations ranging from **short courses** to more protracted ones, depending on the skill and the requirements at particular certificate level.
- The practical hands on skills for **delivery in the local language**, thereby allowing for provision of local trainers, congenial and effective delivery.
- The delivery of the program is flexible it could be **full day, half day or week end programs**. This would again be decided on availability of candidate's spare time, availability of training infrastructure and spare capacities, etc.
- Training could be delivered through a **network of centres** that could include Technical and Non-Technical Schools and Colleges industry centres, Training Organizations, Services, In addition, for practical training, laboratories of industries could be used as Training Sites for skill enhancement, where required.

Framework options for a student

		Case I		Case II	
Certification Level	Normal Qualification	Vocational Qualification	Certifying Body	Vocational Qualification	Certifying Body
7	3 rd yr bachelors	Advanced Diploma	Board of Technical Education	Degree	University
6	2 nd yr bachelors				
5	1 st yr bachelors	Diploma	Board of Technical Education	Grade XII	School Board
4	Higher Secondary School Grade XII				
3	Higher Secondary School Grade IX				
2	Secondary School Grade X	Grade X	School Board	Grade X	School Board
1	Secondary School Grade IX	Grade IX	School Board	Grade IX	School Board

GENERAL SCHEME OF STUDIES

There shall be Seven Certificate level; each level will have following distribution for General and Vocational education -

Certificate Level	Contact Hours for Vocational & General Education	
	Vocational	Academic
1	200-300	700-800
2	200-300	700-800
3	300-400	600-700
4	300-400	600-700
5	400-500	500-600
6	500-600	400-500
7	600-700	300-400

- Internal distribution of teaching hours for each subjects to be done by concerned board/university as per the need
- The medium of instruction in general shall either be English or Hindi.
- For any clarification at level I to IV of General Content, Syllabus of C.B.S.E. may be referred
- The Given contents are indicative one and concerned Boards/ University may make desirable changes as per the local needs
- The evaluation of Vocational part shall be done by respective SKPs and shall award grades on five point scale.
- The concerned institutes shall forward the grade to Board/University for the purpose of issuing Level Certificate.

- The available sectors and specialization for the certification along with available General content for the sector are as under -

SKILL SECTORS/ SPECIALISATIONS AND AVAILABLE GENERAL CONTENT

No.	Sector	Specialisation	Availabe General Content
I	Automobiles		Science Stream
		1 Engine Testing	
		2 Vehicle Testing	
		3 Vehicle Quality	
		4 Auto Electricals and Electronics	
		5 Farm Equipment and Machinery	
II	Entertainment		Arts Steam
		1 Theatre and Stage Craft	
		2 Contemporary Western Dance	
		3 Theatre studies	
		4 Acting	
III	Information Technology		Science Stream
		1 Software Development	
IV	Communications		Science Stream
		1 Mobile Communication	
V	Economics and Finance		Commerce Stream
		1 Retail	
		2 Banking	

		3	Financial Planning	
		4	Financial Services	
		5	Logistics	
VI	Agriculture			Science Stream
		1	Farm Machinery and Power Engineering	
		2	Green House Technology	
		3	Renewable Energy	
		4	Processing and Food Engineering	
		5	Soil and water Conservation	
VII	Construction			Science Stream
		1	Building Technology	
VIII	Applied Arts			Arts Stream
		1	Fashion Technology	
		2	Interior Design	
		3	Jewellery Design	
		4	Apparel Sector	
IX	Travel and Tourism			Commerce Stream
		1	Tourism	
X	Printing and Publishing			
		1	Printing Technology	

XI	Paramedical and Healthcare		Science Stream
	1	Cardiology	
	2	Neurology	
	3	Radiography	
	4	Emergency Medical Services	
	5	Laboratory	
	6	Operation Theater	
	7	Optometry	
	8	Medical Record Science & Health Information	
	9	Endoscopy	
	10	Anesthesia and Critical Care	
	11	Renal Dialysis	
	12	Blood Bank	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AUTOMOBILES

SPECIALIZATION: ENGINE TESTING: NVEQF/AUTO/ET/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS : TOOLS USAGE	10		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	2 W ENGINES SCOOTER : COMPLETE ENGINE STRIPPING MOTOR CYCLES: ENGINE REASSY	100	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	2W GEN VEHSERV:	90	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: ENGINE TESTING: NVEQF/AUTO/ET/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS USAGE	10		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	3W ENGINE PETROL : COMPLETE ENGINE STRIPPING DIESEL : ENGINE REASSY ALT FUEL: RE MOUNTING ON VEHICLE	140	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	3W GEN VEHICLE ROUTINE MAINTENANCE CHECKS SERVICE: ROUTINE REPAIRS: ELECTRICALS/ CONTROLS	100	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: ENGINE TESTING: NVEQF/AUTO/ET/LIIE

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Auto</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS : USAGE	10		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
2.	4 WHEELER ENGINE: DISMANTLING FROM VEHICLE	150		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	ALT FUELS ENGINE PERIPHERALS LIKE - HVAC	120		MATHEMATICS	150
4.	ENGINE CONTROLS: FUEL INJ EQPT, SENSORS	70		PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150

				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: ENGINE TESTING: NVEQF/AUTO/ET/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	MUV/SUV/LCV: DISMANTLING FROM VEHICLE	150	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
2.	ALT FUELS: ENGINE PERIPHERALS LIKE- HVAC, ALTERNATOR,VACUUM PUMP,STEERING PUMP, AIR INTAKE SYSTEM, EXHAUST SYSTEM, COOLING SYSTEM, CATCON/OXYCAT	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	ENGINE CONTROLS: FUEL INJ EQPT, SENSORS	100		MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150

				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: ENGINE TESTING: NVEQF/AUTO/ET/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HCV: DISMANTLING FROM VEHICLE, ENGINE STRIPPING, REASSY, REMOUNTING ON VEHICLE, ENGINE PERIPHERALS LIKE HVAC, ALTERNATOR, VACUUM PUMP, STEERING PUMP, AIR INTAKE SYSTEM	200		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	HCV:EXHAUST SYSTEM, COOLING SYSTEM ,OXYCAT EGR TURBO CHARGER	150		MATHEMATICS	180
3.	HCV: ENGINE CONTROLS, FUEL INJ EQPT, SENSORS	150		PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: ENGINE TESTING: NVEQF/AUTO/ET/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINE TESTING: MOUNTING ON DYNAMOMETER	50		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	ALL TYPES OF ENGINES: TEST BENCH/DYNO/CONTROLS	50		MATHEMATICS	250
3.	GEN PERFORMANCE TESTS	50		PHYSICS	250
4.	GEN DURABILITY TESTS	150		CHEMISTRY	250
5.	GEN INSTRUMENTATION	75		COMPUTER SCIENCE	250
6.	DATA COLLECTION/ TRANSFER	75		APPLIED STATISTICS	250
7.	TROUBLE SHOOTING,	50		BOTANY	250
8.	DIAGNOSTICS	50		ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: ENGINE TESTING: NVEQF/AUTO/ET/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED ENGINE: INSTRUMENTATION-	100		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	TESTING AND: DATA ACQUISITION EQPT	100		MATHEMATICS	300
3.	VALIDATION: SIMULATION TESTS, SPECIAL TESTS, DATA COLLECTION, TRANSIENT ANALYSIS	550		PHYSICS	300
				CHEMISTRY	300
				COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE TESTING : NVEQF/AUTO/VT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS: USAGE	10		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	LIGHT 4W VEHS :DISMANTLING OF VEH PERIPHERALS PASS CARS A/B SEG : ASSY OF VEHICLE PERIPHERALS	100	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	GEN VEH SERVICE: ROUTINE MAINT CHECKS	90	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: VEHICLE TESTING : NVEQF/AUTO/VT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS : USAGE	10		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	MUV/LCV/SUV : DISMANTLING OF VEH PERIPHERALS, RE ASSY ON VEHICLE	140	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	GEN VEH SERVICE : ROUTINE MAINTENANCE CHECKS	100	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: VEHICLE TESTING : NVEQF/AUTO/VT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Auto</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TOOLS: USAGE	20		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
2.	MCV/HCV : DISMANTLING OF VEH PERIPHERALS, RE ASSY ON VEHICLE	180		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	GEN VEH SERVICE : ROUTINE MAINTENANCE CHECKS	150		MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150

				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: VEHICLE TESTING : NVEQF/AUTO/VT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	MUV/SUV/LCV : BASIC DRIVING SKILLS PASS CARS : DRIVING REQUIREMENTS - CRITICAL SITUATIONS, GENERAL DURABILITY TESTING,	150	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
2.	PERFORMANCE TESTING, ACCELERATED DURABILITY TESTING ON TRACKS	200		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
				MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150

				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: VEHICLE TESTING : NVEQF/AUTO/VT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ALL CV: BASIC DRIVING SKILLS, DRIVING REQUIREMENTS - CRITICAL SITUATIONS,	200		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	GENERAL DURABILITY TESTING, PERFORMANCE TESTING, ACCELERATED DURABILITY TESTING ON TRACKS,	300		MATHEMATICS	180
				PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: VEHICLE TESTING: NVEQF/AUTO/VT/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SPECIFIC TESTING AND EQUIPMENT: CHASSIS DYNAMOMETER BRAKE TESTING DYNO	250		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	SPECIFIC TESTING AND VALIDATION : EMISSIONS FUEL EFFICIENCY	300		MATHEMATICS	250
				PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: VEHICLE TESTING : NVEQF/AUTO/VT/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED SKILLS : INSTRUMENTATION, ALL VEHICLES	400		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	DYNAMIC EVALUATION : ASSESSMENT	350		MATHEMATICS	300
				PHYSICS	300
				CHEMISTRY	300
				COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AUTOMOBILES

SPECIALIZATION: VEHICLE QUALITY: NVEQF/AUTO/VQ/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WELDING TYPES / JOINTS, APPLICATION	25		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	ARC, MIG, TIG, WELDING EQUIPMENTS	75	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	GAS, BREZING, SOLDIERING, PROCESS PARAMETERS	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	SPOT, SEAM: TYPES OF JOINTS, WELDING QUALIFICATION	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: VEHICLE QUALITY: NVEQF/AUTO/VQ/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BODY IN WHITE: BASIC STRUCTURAL EXPOSURE, PRESS PARTS, HANDLING,	60		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	JOINERIES & REINFORCEMENTS,	70	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	WELDING PROCESS FOR ALL JOINTS,	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	FIXTURES	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	SEALANTS	20			
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: VEHICLE QUALITY: NVEQF/AUTO/VQ/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BODY WORKS: TOOLS,	20		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	DAMAGE MODES - DENTS, ACCIDENTS,	30		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	RECTIFICATION ALTERNATIVES REPLACEMENT , DENTING & FINISHING ,	100		MATHEMATICS	150
4.	SURFACE PREPARATION & PROCESS, SURFACE PROTECTION,	125		PHYSICS	150
5.	ALIGNMENTS & MEASUREMENTS, GAPS & FLUSHNESS	75		CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150

				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150
				MULTIMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: VEHICLE QUALITY: NVEQF/AUTO/VQ/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TRIMS & ADD-ONS: EXPOSURE,	30	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
2.	SEATS, UPHOLSTRY & COMFORT,	30		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	TRIM PANELS -	30		MATHEMATICS	150
4.	DOORS, WINDOW & SEALING,	100		PHYSICS	150
5.	DASH BOARD, INSTRUMENT PANEL,	30		CHEMISTRY	150
6.	ACOUSTIC & THERMAL INSULATION,	30		BIOLOGY	150
7.	SAFETY EQUIPMENTS,	30		BIOTECHNOLOGY	150
8.	NVH,	35		ENGINEERING GRAPHICS	150
9.	HVAC	35		AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: VEHICLE QUALITY: NVEQF/AUTO/VQ/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PAINTING & FINISHING: TOOLS & EQUIPMENTS, SURFACE PREPARATION, PAINTING PROCESS, COATINGS & SEALINGS, SURFACE TEXTURES, PLASTIC PARTS PAINTING	350		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	SURFACE PROTECTIVE: VARIOUS TYPES OF PLATINGS	50		MATHEMATICS	180
3.	COATING: POWDER COATING	50		PHYSICS	180
4.	LAB TESTING : LIFE, SCRATCH, GLOSS, CORROSION TESTING	50		CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: VEHICLE QUALITY: NVEQF/AUTO/VQ/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	METROLOGY: INSTRUMENTS – MEASURING, INSTRUMENTS – LAB, MEASUREMENT PARAMETERS, DRAWINGS & SPECIFICATIONS	300		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	STANDARD ROOM: EQUIPMENTS, CALIBRATION SYSTEM	150		MATHEMATICS	250
3.	CMM : OPERATIONS & MEASUREMENTS, SURFACE SCANNERS	100		PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: VEHICLE QUALITY: NVEQF/AUTO/VQ/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	MATERIALS : INTRODUCTION	100		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	FERROUS AND NONFERROUS : PHYSICAL PROPERTIES	100		MATHEMATICS	300
3.	PLASTICS : MECHANICAL PROPERTIES	150		PHYSICS	300
4.	RUBBERS : HEAT TREATMENT PROCESS	100		CHEMISTRY	300
5.	GLASS : TESTING	125		COMPUTER SCIENCE	300
6.	COMPOSITES: APPLICATION, RECYCLABILITY,	175		APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AUTOMOBILES

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : NVEQF/AUTO/AEE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC AUTO ELECTRICALS: BASIC INTRODUCTION / TOOLS	25		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	APPLICATION 2 & 3 WHEELERS :POWER SOURCE, WIRING & CONNECTORS,	75	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	WIRING DIAGRAMS, LIGHTING SYSTEMS,	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	SIGNALS & ALARMS, ROUTING & CLAMPING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : NVEQF/AUTO/AEE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC AUTO ELECTRICALS: BASIC INTRODUCTION / TOOLS	40		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	APPLICATION: 4WHEELER : POWER SOURCE, WIRING & CONNECTORS, WIRING DIAGRAMS, LIGHTING SYSTEMS, SIGNALS & ALARMS, ROUTING & CLAMPING, WIPERS & WINDOW WINDERS, AC, MUSIC SYSTEM	210	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
			4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : NVEQF/AUTO/AEE/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Auto</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC AUTO ELECTRICALS : BASIC INTRODUCTION / TOOLS	50	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	APPLICATION : CV : POWER SOURCE, WIRING & CONNECTORS, WIRING DIAGRAMS, LIGHTING SYSTEMS, SIGNALS & ALARMS, ROUTING & CLAMPING, WIPERS & WINDOW WINDERS, AC, MUSIC SYSTEM, BASIC ELECTRONICS	300		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
				MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150

			BIOTECHNOLOGY	150
			ENGINEERING GRAPHICS	150
			AGRICULTURE	150
			COMPUTER SCIENCE	150
			INFORMATICS PRACTICES	150
			MULTIMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		1040 HRS.	

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : NVEQF/AUTO/AEE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Auto</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	AUTO ELECTRONICS: BASICS, SENSORS, WIRINGS, INSTALLATIONS, ECU, DIAGNOSTICS, SETTINGS, CALIBRATION, SERVICE /SPARES, INSTRUMENT CLUSTER	350		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I	120
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
				ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
				MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : NVEQF/AUTO/AEE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ECU TECHNOLOGY: BASICS, PROGRAMMING, MAPPING, FLASHING, DIAGNOSTICS	500		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
				MATHEMATICS	180
				PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : NVEQF/AUTO/AEE/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Auto</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCE ELECTRONICS I: CAN BUS SYSTEM, IMMOBILISER SYSTEM, INTEGRATION OF ALL ECU, DIAGNOSTICS, ACCESSORIES - MOBILE, WI-FI, GPS ETC, SAFETY SYSTEMS	550		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT <u>L_6_General_Ed_Science_Stream</u>)	
				MATHEMATICS	250
				PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: AUTO ELECTRICALS & ELECTRONICS : NVEQF/AUTO/AEE/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCE ELECTRONICS II: CAN BUS SYSTEM, INTEGRATION OF ALL ECU, DIAGNOSTICS, SAFETY SYSTEMS, CRASH SYSTEM, ELECTRONIC STABILITY CONTROLLING SYSTEMS, INFORMATICS	750		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
				MATHEMATICS	300
				PHYSICS	300
				CHEMISTRY	300
				COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
2.	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AUTOMOBILES

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: NVEQF/AUTO/FEM/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR (15HP TO 60HP) : TOOLS USAGE, PERIPHERALS DISMANTLING, PERIPHERALS ASSEMBLING, ROUTINE SERVICE & REPAIRS, HYDRAULICS, IMPLEMENTS, ELECTRICALS	200		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
			3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
			4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: NVEQF/AUTO/FEM/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR: TOOLS USAGE, PERIPHERALS DISMANTLING, PERIPHERALS ASSEMBLING, ROUTINE SERVICE & REPAIRS, HYDRAULICS, IMPLEMENTS, ELECTRICALS	250		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
			3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
			4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: NVEQF/AUTO/FEM/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR: TOOLS ,TRACTOR DISMANTLING ,ENGINE STRIPPING, REASSEMBLY -ENGINE & T/M., TRACTOR ASSEMBLY, BRAKE SYSTEMS, STEERING SYSTEM, HYDRAULIC SYSTEM COMPLETE, CONTROLS & MECHANISM, FUEL SYSTEMS, COOLING, AIR INTAKE & EXHAUST	350		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
				ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
				MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULTIMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: NVEQF/AUTO/FEM/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR: TRACTOR DISMANTLING ,ENGINE STRIPPING, REASSEMBLY - ENGINE & T/M., TRACTOR ASSEMBLY, BRAKE SYSTEMS-COMPONENT LEVEL, STEERING SYSTEM- COMPONENT SYSTEM, HYDRAULIC SYSTEM COMPLETE, FUEL SYSTEMS- FIP, INJECTORS, IMPLEMENT- ATTACHMENT & OPERATION, FAULT FINDING & RECTIFICATION	350	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
				ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
				MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150

				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: NVEQF/AUTO/FEM/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR BASIC	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	TESTING: BASICS ,PERFORMANCE – HAULAGE, PERFORMANCE - FARM OPERATIONS,	150		MATHEMATICS	180
3.	STEERING & BRAKE /CLUTCH , HYDRAULIC TESTING, PTO TESTING, ATTACHMENT & IMPLEMENT TESTING, NVH & EMISSIONS	300		PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: NVEQF/AUTO/FEM/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR: PERFORMANCE ENHANCEMENT – HAULAGE, PERFORMANCE ENHANCEMENT - FARM OPERATIONS,	150		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	STEERING & BRAKE /CLUTCH - DURABILITY, HYDRAULIC TESTING – DURABILITY, PTO TESTING – DURABILITY	150		MATHEMATICS	250
3.	ATTACHMENT & IMPLEMENT TESTING, NVH, EMISSIONS & COMFORT – DRIVER, DIAGNOSTICS, TRAINING TO USERS,	250		PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: FARM EQUIPMENT & MACHINERY: NVEQF/AUTO/FEM/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Auto)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TRACTOR MOUNTED: EQPT. - BACKHOE: FRONT END LOADER: SELECTION & INSTALLATION, PERFORMANCE TESTING, HYDRAULIC & PTO , SPECIAL TESTS	250		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	EARTH MOVING EQPT. -: OPERATION & MAINTENANCE, HYDRAULICS & CONTROLS , APPLICATION , TESTING , TROUBLE SHOOTING	500		MATHEMATICS	300
	-	-		PHYSICS	300
				CHEMISTRY	300
				COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300

	GRAND TOTAL			1050 HRS.	
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NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: ENTERTAINMENT

SPECIALIZATION: THEATRE AND STAGE CRAFT: NVEQF/ENT/TSC/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE PROCESSING, ANALYZING, AND RESPONDING TO SENSORY THROUGH THE LANGUAGE AND SKILLS UNIQUE TO THEATRE AND VISUAL ARTS	20		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	140
			1.	LANGUAGE I	140
			2.	LANGUAGE II	
2.	CREATIVE EXPRESSION CREATING, VISUAL ARTS, PERFORMING, AND PARTICIPATING IN THEATRE	60		MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	HISTORY AND CULTURAL CONTEXT UNDERSTANDING THE HISTORICAL CONTRIBUTIONS AND CULTURAL ASPECT OF THEATRE : HISTORY OF THEATRE	20		SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	AESTHETIC VALUE RESPONDING TO, ANALYZING, AND CRITIQUING THEATRICAL EXPERIENCES WITH REFERENCE TO VISUAL ARTS	10		SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
5.	CONNECTION INTERACTIONS AND	30			

	APPLICATIONS, CONNECTING AND APPLYING WHAT IS LEARNED IN THEATRE, TO OTHER ART FORMS AND SUBJECT AREAS AND TO CAREERS				
6.	PROJECT	20			
7.	LIFE- SKILLS	40			
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: THEATRE AND STAGE CRAFT: NVEQF/ENT/TSC/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	30		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	140
			1.	LANGUAGE I	140
			2.	LANGUAGE II	
2.	CREATIVE EXPRESSION	100		MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	HISTORY AND CULTURAL CONTEXT	30		SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	CONNECTION INTERACTIONS AND APPLICATIONS I	50		SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	LIFE-SKILLS EDUCATION THROUGH DRAMA AND ARTS	40			
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: THEATRE AND STAGE CRAFT: NVEQF/ENT/TSC/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Entertainment</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	30		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
			1.	LANGUAGE I	
			2.	LANGUAGE II	
2.	CREATIVE EXPRESSION	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT <u>L_3_General_Ed_Arts_Stream</u>)	
3.	HISTORY AND CULTURAL CONTEXT	30		HOME SCIENCE	150
4.	AESTHETIC VALUE	50		ECONOMICS	150
5.	CONNECTION INTERACTIONS AND APPLICATIONS	50		ENTREPRENEURSHIP	150
6.	PROJECT	50		HISTORY	150
7.	LIFE-SKILLLS EDUCATION THROUGH DRAMA AND ARTS-	40		POLITICAL SCIENCE	150
				GEOGRAPHY	150
				PSYCHOLOGY	150
				SOCIOLOGY	150

				PHILOSOPHY	150
				FASHION STUDIES	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1090 HRS.	

SPECIALIZATION: THEATRE AND STAGE CRAFT: NVEQF/ENT/TSC/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Entertainment</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	25		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language)	120 120
			1.	LANGUAGE I	
			2.	LANGUAGE II	
2.	CREATIVE EXPRESSION	75		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Arts_Stream)	
3.	HISTORY AND CULTURAL CONTEXT	25		HOME SCIENCE	150
4.	AESTHETIC VALUE	75		ECONOMICS	150
5.	CONNECTION INTERACTIONS AND APPLICATIONS	50		ENTREPRENEURSHIP	150
6.	PROJECT	100		HISTORY	150
				POLITICAL SCIENCE	150
				GEOGRAPHY	150
				PSYCHOLOGY	150
				SOCIOLOGY	150
				PHILOSOPHY	150

				FASHION STUDIES	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: THEATRE AND STAGE CRAFT: NVEQF/ENT/TSC/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	50	1.	ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Arts_Stream)	
2.	CREATIVE EXPRESSION	100		HOME SCIENCE	180
3.	HISTORY AND CULTURAL CONTEXT	50		ECONOMICS	180
4.	AESTHETIC VALUE	50		HISTORY	180
5.	CONNECTION INTERACTIONS AND APPLICATIONS	100		POLITICAL SCIENCE	180
6.	COMPUTER	50		GEOGRAPHY	180
7.	PROJECT	50		PSYCHOLOGY	180
8.	LIFE-SKILLS EDUCATION THROUGH DRAMA AND ARTS	50		SOCIOLOGY	180
				PHILOSOPHY	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: THEATRE AND STAGE CRAFT: NVEQF/ENT/TSC/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	50	1.	ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Arts_Stream)	
2.	CREATIVE EXPRESSION	100		HOME SCIENCE	250
3.	HISTORY AND CULTURAL CONTEXT	75		ECONOMICS	250
4.	AESTHETIC VALUE	75		HISTORY	250
5.	CONNECTION INTERACTIONS AND APPLICATIONS	125		POLITICAL SCIENCE	250
6.	COMPUTER	25		GEOGRAPHY	250
7.	PROJECT	50		PSYCHOLOGY	250
8.	LIFE-SKILLS EDUCATION THROUGH DRAMA AND ARTS	50		SOCIOLOGY	250
				PHILOSOPHY	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: THEATRE AND STAGE CRAFT: NVEQF/ENT/TSC/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Entertainment)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	100		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Arts_Stream)	
2.	CREATIVE EXPRESSION	150		HOME SCIENCE	300
3.	HISTORY AND CULTURAL CONTEXT	50		ECONOMICS	300
4.	AESTHETIC VALUE	100		HISTORY	300
5.	CONNECTION INTERACTIONS APPLICATIONS	75		POLITICAL SCIENCE	300
6.	COMPUTER	100		GEOGRAPHY	300
7.	PROJECT	100		PSYCHOLOGY	300
8.	LIFE- SKILLS EDUCATION THROUGH DRAMA AND ARTS	75		SOCIOLOGY	300
9.				PHILOSOPHY	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: INFORMATION TECHNOLOGY

SPECIALIZATION: SOFTWARE DEVELOPMENT: NVEQF/IT/SD/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DIGITAL LITERACY:	30		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	WORD PROCESSING SPREADSHEET:	90	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	PRESENTATION AND LANGUAGE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	E-MAIL MESSAGING	30	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: SOFTWARE DEVELOPMENT: NVEQF/IT/SD/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DIGITAL LITERACY: WORD PROCESSING, SPREADSHEET:, PRESENTATION	150		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	E-MAIL MESSAGING	20	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	DATABASE	30	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	LANGUAGE	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: SOFTWARE DEVELOPMENT: NVEQF/IT/SD/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DIGITAL LITERARY	30		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
2.	WORD PROCESSING	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	SPREADSHEET:	60		MATHEMATICS	150
4.	PRESENTATION	20		PHYSICS	150
5.	E MAIL MESSAGING	25		CHEMISTRY	150
6.	COMPUTER NETWORKS	40		BIOLOGY	150
7.	WEB DESIGN	50		BIOTECHNOLOGY	150
8.	OTHER IT COURSES	25		ENGINEERING GRAPHICS	150
9.	LANGUAGE	50		AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: SOFTWARE DEVELOPMENT: NVEQF/IT/SD/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORD PROCESSING	60	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
2.	SPREADSHEET:	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	PRESENTATION	35		MATHEMATICS	150
4.	E MAIL MESSAGING	30		PHYSICS	150
5.	SOFTWARE DEVELOPMENT	50		CHEMISTRY	150
6.	WEB DEVELOPMENT	50		BIOLOGY	150
7.	PROJECT	25		BIOTECHNOLOGY	150
8.	LANGUAGE	50		ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150

	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: SOFTWARE DEVELOPMENT: NVEQF/IT/SD/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORD PROCESSING	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	SPREADSHEET:	50		MATHEMATICS	180
3.	PRESENTATION	30		PHYSICS	180
4.	E MAIL MESSAGING	20		CHEMISTRY	180
5.	SERVER ADMINISTRATION FUNDAMENTALS	40		COMPUTER SCIENCE	180
6.	WINDOW DEVELOPMENT FUNDAMENTALS	40		APPLIED STATISTICS	180
7.	WINDOWS 7: TECHNOLOGY SPECIALIST	40		BOTANY	180
8.	SHAREPOINT FUNDAMENTALS	40		ZOOLOGY	180
9.	SECURITY FUNDAMENTAL	40		BIOCHEMISTRY	180
10.	OTHER IT STREAMS	70		MICROBIOLOGY	180
11.	PROJECT AND LANGUAGE	80		ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: SOFTWARE DEVELOPMENT: NVEQF/IT/SD/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PROJECT MANAGEMENT	40		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	SQL SERVER: TECHNOLOGY SPECIALIST	50		MATHEMATICS	250
3.	SQL SERVER 2008, IMPLEMENTATION AND MAINTENANCE: 60 HOURS	50		PHYSICS	250
4.	WINDOWS SERVER 2008 ACTIVE DIRECTORY, CONFIGURING: 60 HOURS	50		CHEMISTRY	250
5.	CONFIGURING AND TROUBLESHOOTING IDENTITY AND ACCESS SOLUTIONS WITH WINDOWS SERVER 2008 ACTIVE DIRECTORY	50		COMPUTER SCIENCE	250
6.	DESIGNING SECURITY FOR MICROSOFT NETWORKS: 70 HOURS	50		APPLIED STATISTICS	250
7.	WINDOWS COMMUNICATION FOUNDATION DEVELOPMENT WITH MICROSOFT .NET FRAMEWORK 4	60		BOTANY	250
8.	ACCESSING DATA WITH MICROSOFT .NET FRAMEWORK 4	50		ZOOLOGY	250

9.	WINDOWS AZURE SOLUTIONS WITH MICROSOFT VISUAL STUDIO 2010	50		BIOCHEMISTRY	250
10.	OTHER IT STREAMS	100		MICROBIOLOGY	250
11.	LANGUAGE	50		ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: SOFTWARE DEVELOPMENT: NVEQF/IT/SD/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_IT)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TROUBLESHOOTING AND SUPPORTING WINDOWS 7 IN THE ENTERPRISE LENGTH, WINDOWS SERVER 2008 NETWORK INFRASTRUCTURE, CONFIGURING	120		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	WINDOWS SERVER 2008 APPLICATIONS INFRASTRUCTURE, CONFIGURING, CONFIGURING AND TROUBLESHOOTING WINDOWS SERVER 2008 TERMINAL SERVICES	120		MATHEMATICS	300
3.	CONFIGURING AND TROUBLESHOOTING INTERNET INFORMATION SERVICES IN WINDOWS SERVER 2008	40		PHYSICS	300
4.	WINDOWS APPLICATIONS DEVELOPMENT WITH MICROSOFT .NET FRAMEWORK 4	70		CHEMISTRY	300
5.	WEB APPLICATIONS DEVELOPMENT WITH MICROSOFT .NET FRAMEWORK 4	60		COMPUTER SCIENCE	300
6.	INTRODUCTION TO WEB DEVELOPMENT WITH MICROSOFT VISUAL STUDIO	50		APPLIED STATISTICS	300

	2010				
7.	WEB DEVELOPMENT SKILLS FROM ASP TO MICROSOFT ASP	60		BOTANY	300
8.	MICROSOFT DYNAMICS CRM 2011 CUSTOMIZATION AND CONFIGURATION	50		ZOOLOGY	300
9.	SERVICE MANAGEMENT IN MICROSOFT DYNAMICS CRM 2011	30		BIOCHEMISTRY	300
10.	PROJECT	100		MICROBIOLOGY	300
11.	LANGUAGE	50		ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: TELECOMMUNICATIONS

SPECIALIZATION: MOBILE COMMUNICATION: NVEQF/TELE/MC/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASICS OF ELECTRICITY COMPONENTS	80		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	BASIC MOBILE REPAIRING TECHNIQUES	120	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.			4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: MOBILE COMMUNICATION: NVEQF/TELE/MC/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	MOBILE REPAIRING	125	1.	SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			2.	LANGUAGE I	140
				LANGUAGE II	140
2.	MOBILE TROUBLE SHOOTING	125	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.			4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: MOBILE COMMUNICATION: NVEQF/TELE/MC/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SMART PHONE REPAIR	200		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	TABLET PC REPAIR	150		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
				MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

			MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		1040 HRS.	

SPECIALIZATION: MOBILE COMMUNICATION: NVEQF/TELE/MC/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	OPTICAL FIBER COMMUNICATION	50		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language)	
			1.	LANGUAGE I	120
			2.	LANGUAGE II	120
2.	TELEPHONE EXCHANGE- SWITCHING THEORY	150		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	DSL	150		MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

			MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		1040 HRS.	

SPECIALIZATION: MOBILE COMMUNICATION: NVEQF/TELE/MC/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TELECOM BASICS & EARTHING SYSTEM	125		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	TELECOM POWER SUPPLY	200		MATHEMATICS	180
3.	TELECOM FUNDAMENTALS- ACTIVE & PASSIVE INFRASTRUCTURE	175		PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: MOBILE COMMUNICATION: NVEQF/TELE/MC/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ANTENNA THEORY & INSTALLATION	100		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	MODULATION & MULTIPLE ACCESS TECHNIQUE	100		MATHEMATICS	250
3.	DATA COMMUNICATION	100		PHYSICS	250
4.	WIRELESS COMMUNICATION-2G	150		CHEMISTRY	250
5.	INSTALLATION & COMMISSIONING	100		COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: MOBILE COMMUNICATION: NVEQF/TELE/MC/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_communications)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WIRELESS COMMUNICATION-3G/4G	150		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	INSTALLATION & COMMISSIONING(NODE B & ENODEB)	200		MATHEMATICS	300
3.	OPERATION & MAINTENANCE	100		PHYSICS	300
4.	ON SITE TRAINING	200		CHEMISTRY	300
5.	DRIVE TEST 2G/3G	100		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: ECONOMICS&FINANCE

SPECIALIZATION:RETAIL: NVEQF/E&F/R/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	VISIT TO LOCAL KIRANA SHOP TO UNDERSTAND THE PROCESS OF RETAILS SETUP TRANSACTION DEMONSTRATION OF VARIOUS DEPARTMENTS IN RETAIL OUTLETS		1. 2.	SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language) LANGUAGE I LANGUAGE II	140 140
2.	PRODUCT DISPLAY- OBJECTIVE AND DESIGN. LOSS PREVENTION ON LOCATION			MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	VISIT TO ANY ORGANIZED (FOOD & GROCERY) RETAILER IN THAT AREA TO UNDERSTAND PRODUCT GROUPING AND CLASSIFICATION. WITNESS THE BASIC FUNCTION OF EACH DEPARTMENT			SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	CLASSIFICATION OF RETAIL ON THE BASIS OF PRODUCT. OWNERSHIP- – FOOD GROCERY – APPAREL/CLOTHING/ACCESSORY – HOME FURNISHING LUXURY BRANDS			SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180

	<ul style="list-style-type: none"> - SPORTS - PHARMACY AND HEALTH CARE PRODUCTS 				
5.	VISIT TO SUPERMARKET OR HYPER MARKET TO STUDY PRODUCT TYPE, VARIETY SIZE.				
6.	PRODUCT BILLING SYSTEM, BASIC BILLING SYSTEM USED IN RETAIL STORE				
7.	TRAINING STUDENTS ON FRONT LINE SALE, PERSONALITY SKILL- ETIQUETTE, MANNER, DRESSING SENSE, PERSONAL EFFECTIVENESS				
8.	FUNCTIONAL ENGLISH IN SERVICE SECTOR				
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION:RETAIL: NVEQF/E&F/R/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_economics&finance</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	USING DEMONSTRATION AND ROLE PLAY TO DISCUSS ROLE OF CUSTOMER CUSTOMER NEED ANALYSIS CUSTOMER NEED MANAGEMENT		1. 2.	SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT <u>L_2_Language</u>) LANGUAGE I LANGUAGE II	140 140
2.	SALE OPENING AND CLOSING EFFECTIVE NEGOTIATION SKILLS CRM PRINCIPALS AND APPLICATION			MATHEMATICS (DETAIL CONTENT AT <u>L_2_General_Ed</u>)	140
3.	VISIT TO RETAIL OUTLET TO UNDERSTAND ROLE OF SUPERVISOR VIDEO ON TYPES OF CUSTOMERS AND THEIR HANDLING ORGANIZATION STRUCTURE			SCIENCE (DETAIL CONTENT AT <u>L_2_General_Ed</u>)	180
4.	VISIT TO RETAIL OUTLET TO UNDERSTAND STORE LOCATION AND DESIGN			SOCIAL SCIENCE (DETAIL CONTENT AT <u>L_2_General_Ed</u>)	180
5.	STORE DISPLAY AND LAYOUT				
6.	STORE IMAGE BY VISUAL MERCHANDISING				
7.	WINDOW DISPLAY AND EXTERIOR DESIGN				
8.	PROVIDE CUSTOMER ADVICE FOR				

	FOOTWEAR, FASHION, FURNITURE, LUXURIES.				
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION:RETAIL: NVEQF/E&F/R/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BUSINESS COMMUNICATION – ROLE PLAY – PRESENTATION – DEMONSTRATION ON BUSINESS COMMUNICATION		1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	RETAIL SELLING – CASE STUDY – DEMONSTRATION – STORE VISIT			ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Commerce_Stream)	
3.	RETAIL CUSTOMER SERVICE – STORE VISIT AND LIVE CUSTOMER HANDLING			MATHEMATICS	150
4.	RETAIL STORE MERCHANDISE AND DISPLAY – 5 DAY ENGAGEMENT WITH RETAIL OUTLET – MONITORING VISUAL MERCHANDISE PRESENTATION – UNDERSTANDING PRODUCT LAYOUT AND DISPLAY			ECONOMICS	150

5.				BUSINESS STUDIES	150
6.				ACCOUNTANCY	150
7.				ENTREPRENEURSHIP	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION:RETAIL: NVEQF/E&F/R/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RETAIL SCOPE AND SIGNIFICANCE – SOCIAL AND ECONOMICS SIGNIFICANCE OF RETAIL – OPPORTUNITIES IN RETAILING		1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
2.	RETAIL FORMATS – RETAILER CHARACTERISTICS – STORE AND NON STORE RETAILING – TYPES OF OWNERSHIP IN RETAILING – MULTICHANNEL RETAILING – VARIOUS STORE VISITS AND USE OF VIDEOS			ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Commerce_Stream)	
3.	STORE LAYOUT AND DESIGN – STORE DESIGN OBJECTIVES – STORE DESIGN LAYOUTS – SPACE MANAGEMENT – VISUAL MERCHANDISING – WEBSITE DESIGN – VISIT RETAIL STORE UNIT TO UNDERSTAND STORE DESIGN AND			MATHEMATICS	150

	LAYOUT				
4.	STORE LOCATION – EVALUATION OF SPECIFIC LOCATION – TRADE AREA CHARACTERISTICS – NO OF STORES – LOCAL AREA LOCATION ANALYSIS			ECONOMICS	150
5.	STORE MANAGEMENT – MAJOR STORE JOBS AND RESPONSIBILITIES – MANAGING PEAK SALES – MANAGING SHOPLIFTING AND THEFT – MANAGING LABOUR – MANAGING MAINTENANCE – MANAGING VENDOR – 5 DAY ENGAGEMENT TRAINING WITH ANY RETAILER			BUSINESS STUDIES	150
6.				ACCOUNTANCY	150
7.				ENTREPRENEURSHIP	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION:RETAIL: NVEQF/E&F/R/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RETAIL ENVIRONMENT – GROWTH OF RETAILING IN INDIA – INTERNATIONAL RETAILING – MULTI CHANNEL RETAILER		1.	ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Commerce_Stream)	
2.	FUNDAMENTAL OF MARKETING – MARKETING MIX – PRODUCT CONCEPT – PRICING CONCEPT – DISTRIBUTION – PROMOTION			BUSINESS ORGANIZATION AND MANAGEMENT	180
3.	BUSINESS COMMUNICATION – VERBAL AND NON VERBAL COMMUNICATION – RETAIL COMMUNICATION FORMS – CHALLENGES OF RETAIL COMMUNICATION			FINANCIAL ACCOUNTING	180
4.	CONSUMER BEHAVIOUR AND CRM – CONSUMER BUYING PROCESS – TYPE OF BUYING DECISIONS – COMPETENCE OF CRM – UNDERSTANDING CUSTOMER NEED – IMPROVING CUSTOMER RESPONSIVENESS			MICRO ECONOMICS-I	180
5.	MAXIMIZING PRODUCT SALE – HELP CUSTOMER CHOOSE PRODUCTS – PROVIDE INFORMATION & ADVICE – DEMONSTRATE PRODUCT			BUSINESS LAWS	180

	– PROCESS PAYMENTS – PROMOTE LOYALTY SCHEMES				
				BUSINESS STATISTICS	180
				FUNDAMENTALS OF COMPUTERS AND INFORMATION SYSTEM	180
				MICRO ECONOMICS– II	180
				CORPORATE LAWS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION:RETAIL: NVEQF/E&F/R/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC ACCOUNTING MANAGEMENT IN RETAIL – CONCEPT OF STOCK KEEPING UNITS – RECEIVING GOOD END MATERIAL IN STORE – PROCESSING CUSTOMER ORDER. – PROCESS RETURNED GOODS AND MATERIAL – PROCESS PAYMENTS CREDIT/CASH – AUDIT STOCK LEVELS AND INVENTORIES		1.	ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Commerce_Stream)	
2.	PEOPLE MANAGEMENT – UNDERSTANDING RETAIL TASKS AND DUTIES – DEVELOPING PRODUCTIVE RELATIONSHIPS – ALLOCATING WORK AND CHECK WORK OF TEAMS – MANAGING RETAIL TEAMS – RECRUITMENT, SELECTION AND KEEPING COLLEAGUES.			BUSINESS MATHEMATICS	250
3.	STORE DESIGN AND VISUAL MERCHANDISER – STORE DESIGN AND RETAIL STRATEGY – SPACE MANAGEMENT – VISUAL MERCHANDISING AND DISPLAY – MERCHANDISE DISPLAY			INCOME TAX LAW AND PRACTICE	250

	– PROPS FOR VISUAL MERCHANDISING				
4.	STORE IMAGE MANAGEMENT – BRAND IMAGE – PROMOTIONAL STRATEGY – IN STORE PROMOTION – RETAIL LOCATION			MACRO ECONOMICS	250
5.	MERCHANDISE PLANNING & PROCUREMENT – FORECASTING SALE – ASSORTMENT PLANNING – TYPES OF MERCHANDISE – BUYING ORGANIZATION – KEEPING STOCK AT REQUIRED LEVEL IN RETAIL STORE.			PRINCIPLES OF MARKETING	250
				MATHEMATICS	250
				INDIRECT TAX	250
				CORPORATE ACCOUNTING	250
				COST ACCOUNTING	250
				HUMAN RESOURCE MANAGEMENT	250
				INDIAN ECONOMY – PERFORMANCE AND POLICIES	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION:RETAIL: NVEQF/E&F/R/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_economics&finance)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RETAIL LOGISTICS AND TECHNOLOGY MANAGEMENT – CONCEPT OF SUPPLY CHAIN MANAGEMENT – DISTRIBUTION CENTRES – COLLABORATION BETWEEN RETAILER AND VENDOR – EDI, RFID – BAR CODING AND SCANNING		1.	ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Commerce_Stream)	
2.	RETAIL SERVICE MANAGEMENT – DEVELOP A SERVICE MINDSET – INTENSIVE EXPERIENTIAL LEARNING – CUSTOMER SERVICE STRATEGIES – SERVICE QUALITY – GAP MODEL IN SERVICE – DELIVERY SERVICE EXCELLENCE – SERVICE INNOVATIONS			MANAGEMENT ACCOUNTING	300
3.	RETAIL OPERATIONS – MONITORING AND EVALUATING SERVICES OF EXTERNAL SUPPLIERS – MONITORING AND MAINTAINING HEALTH AND SAFETY IN RETAIL ENVIRONMENT – MANAGING TRADING HOURS/SCHEDULING – FINANCIAL OBJECTIVES AND GOALS			FINANCIAL MANAGEMENT	300

	<ul style="list-style-type: none"> - PROFIT MARGIN MANAGEMENT - CONTROLLING COST - SHRINKAGE MANAGEMENT - FINANCIAL RATIOS 				
4.	<p>TAX REQUIREMENT</p> <ul style="list-style-type: none"> - CONCEPT OF TAXES IN RETAILING - LEGAL ASPECTS OF FRANCHISING - LAWS RELATED TO RETAILING - LEGAL ASPECTS OF STAFFING IN RETAIL 			AUDITING	300
5.	<p>MERCHANDISE MANAGEMENT</p> <ul style="list-style-type: none"> - MERCHANDISE MANAGEMENT PROCESS - CONCEPT OF CATEGORY - CONCEPT OF PRIVATE LABEL - ASSORTMENT PLANNING - MANAGING STAPLE, FASHION MERCHANDISE - BUYING ALTERNATIVES - BUYING PROCESS - ANALYZING MERCHANDISE PERFORMANCE - SETTING RETAIL PRICES 			E-COMMERCE	300
				FINANCIAL MARKETS, INSTITUTIONS AND FINANCIAL SERVICES	300
				COMPENSATION MANAGEMENT	300
				CORPORATE TAX PLANNING	300
				ADVERTISING AND PERSONAL SELLING	300
				BUSINESS DATA PROCESSING – I	

				INTERNATIONAL BUSINESS	
				GOVERNANCE, ETHICS AND SOCIAL RESPONSIBILITY OF BUSINESS	
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AGRICULTURE

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: NVEQF/AGRI/FMPE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	APPLIED PHYSICS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	ENGINEERING DRAWING – I	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	AGRICULTURAL HAND TOOLS	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: NVEQF/AGRI/FMPE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
5.	ENGINEERING DRAWING – II	25		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
6.	SURVEYING AND LEVELING	25	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
7.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
8.	CROP PRODUCTION MANUFACTURING TECHNOLOGY – I FITTING SHOP	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
9.	BASICS OF ELECTRICAL ENGINEERING - I, DRAUGHT ANIMAL POWER IN AGRICULTURE	100			
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: NVEQF/AGRI/FMPE/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	AGRICULTURAL BOTANY – II	50		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	GENERAL WORKSHOP PRACTICE – III	75		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	CROP PRODUCTION – II	25		MATHEMATICS	150
4.	MANUFACTURING TECHNOLOGY – II	50		PHYSICS	150
5.	BASICS OF ELECTRICAL ENGINEERING – II	50		CHEMISTRY	150
6.	FARM POWER ENGINEERING – I	50		BIOLOGY	150
7.	FARM MACHINERY AND IMPLEMENTS – I	50		BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150

				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: NVEQF/AGRI/FMPE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	COMMUNICATION SKILLS	50	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
2.	ENGINEERING DRAWING – III	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	APPLIED MECHANICS CROP PRODUCTION – III	50		MATHEMATICS	150
4.	MACHINE DRAWING – II	50		PHYSICS	150
5.	MANUFACTURING TECHNOLOGY – III	50		CHEMISTRY	150
6.	FARM POWER ENGINEERING – II	50		BIOLOGY	150
7.	FARM MACHINERY AND IMPLEMENTS – II	50		BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150

				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: NVEQF/AGRI/FMPE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FARM TRACTOR SYSTEM - I	125		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	FARM MACHINERY AND IMPLEMENTS – II	125		MATHEMATICS	180
3.	HYDRAULIC DRIVES -	125		PHYSICS	180
4.	PESTICIDES APPLICATION AND EQUIPMENT – I	125		CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: NVEQF/AGRI/FMPE/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FIELD OPERATION AND MAINTENANCE OF TRACTORS – I	125		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	FIELD OPERATION AND MAINTENANCE OF FARM MACHINERY – II	125		MATHEMATICS	250
3.	FARM MACHINERY AND IMPLEMENTS – III	100		PHYSICS	250
4.	LAND DEVELOPMENT AND GRADING –I	100		CHEMISTRY	250
5.	PESTICIDES APPLICATION AND EQUIPMENT – II	100		COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: FARM MACHINERY AND POWER ENGG: NVEQF/AGRI/FMPE/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FIELD OPERATION AND MAINTENANCE OF TRACTORS – II	200		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	FIELD OPERATION AND MAINTENANCE OF FARM MACHINERY – II	175		MATHEMATICS	300
3.	LAND DEVELOPMENT AND GRADING – II	175		PHYSICS	300
4.	SEMINAR	100		CHEMISTRY	300
5.	PROJECT	100		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AGRICULTURE

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	APPLIED PHYSICS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	ENGINEERING DRAWING – I	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	PROCESSING AND FOOD ENGINEERING I	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINEERING DRAWING – II SURVEYING AND LEVELING	40		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	40	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	MANUFACTURING TECHNOLOGY – I FITTING SHOP BASICS OF ELECTRICAL ENGINEERING - I	90	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	GREENHOUSE DESIGN & CONSTRUCTION TECHNO	80	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GENERAL WORKSHOP PRACTICE – III	100		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	
			1.	LANGUAGE I	120
			2.	LANGUAGE II	120
2.	MANUFACTURING TECHNOLOGY – II	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASICS OF ELECTRICAL ENGINEERING – II	50		MATHEMATICS	150
4.	GREENHOUSE ENVIRONMENT CONTROL & INSTRUMENTATION	150		PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULTIMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	COMMUNICATION SKILLS	40		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I	120
			1.	LANGUAGE II	120
2.	ENGINEERING DRAWING – III	40		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	APPLIED MECHANICS	40		MATHEMATICS	150
4.	MACHINE DRAWING – II	40		PHYSICS	150
5.	MANUFACTURING TECHNOLOGY – III	40		CHEMISTRY	150
6.	GREENHOUSE IRRIGATION & PLANT NUTRITION MANAGEMENT	150		BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150

				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GREENHOUSE PLANT PROTECTION MANAGEMENT I	250		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	GREENHOUSE AGRO TECHNIQUES & CROP CULTIVATION	250		MATHEMATICS	180
				PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GREEN HOUSE DESIGN EXERCISE	550		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
				MATHEMATICS	250
				PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	POST HARVEST TECHNOLOGY OF GREENHOUSE PRODUCTS	550		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	SEMINAR	100		MATHEMATICS	300
3.	PROJECT	100		PHYSICS	300
				CHEMISTRY	300
				COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AGRICULTURE

SPECIALIZATION: RENEWABLE ENERGY: NVEQF/AGRI/RE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	APPLIED PHYSICS – I	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	ENGINEERING DRAWING – I	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ENERGY AND ENVIRONMENT	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: RENEWABLE ENERGY: NVEQF/AGRI/RE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINEERING DRAWING – II , SURVEYING AND LEVELING	50		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	45	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	MANUFACTURING TECHNOLOGY – I FITTING SHOP BASICS OF ELECTRICAL ENGINEERING - I	80	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	NATURAL RESOURCES AND THEIR CONSERVATION	75	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: RENEWABLE ENERGY: NVEQF/AGRI/RE/LI/II

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GENERAL WORKSHOP PRACTICE – III	90		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	MANUFACTURING TECHNOLOGY – II	40		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASICS OF ELECTRICAL ENGINEERING – II	40		MATHEMATICS	150
4.	FARM POWER ENGINEERING – I	40		PHYSICS	150
5.	ENERGY RESOURCES	140		CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: RENEWABLE ENERGY: NVEQF/AGRI/RE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	COMMUNICATION SKILLS	50		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I	120
			1.	LANGUAGE II	120
2.	ENGINEERING DRAWING – III	45		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	APPLIED MECHANICS	40		MATHEMATICS	150
4.	MACHINE DRAWING – II	40		PHYSICS	150
5.	MANUFACTURING TECHNOLOGY – III	40		CHEMISTRY	150
6.	RENEWABLE ENERGY DEVICES	135		BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: RENEWABLE ENERGY: NVEQF/AGRI/RE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RENEWABLE ENERGY TECHNOLOGY-I	300		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	CASE STUDY RELATED TO TECHNO- ECONOMICS OF DIFFERENT RENEW ABLE ENERGY DEVICES	200		MATHEMATICS	180
				PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: RENEWABLE ENERGY: NVEQF/AGRI/RE/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GREEN TECHNOLOGIES	250		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	CARBON CREDIT	150		MATHEMATICS	250
3.	WASTE RECYCLING AND RESOURCE RECOVERY SYSTEM	150		PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: RENEWABLE ENERGY: NVEQF/AGRI/RE/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RENEWABLE ENERGY DEVICES	350		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	ENERGY AUDIT EXERCISE	200		MATHEMATICS	300
3.	SEMINAR	100		PHYSICS	300
4.	PROJECT	100		CHEMISTRY	300
				COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AGRICULTURE

SPECIALIZATION: FOOD PROCESSING: NVEQF/AGRI/PFE/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING AND PLUMBING SHOP – I	50		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	FUNDAMENTALS OF FOOD ENGINEERING	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	ENGINEERING DRAWING – I	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	PROCESSING AND FOOD ENGINEERING I	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: FOOD PROCESSING: NVEQF/AGRI/PFE/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINEERING DRAWING – II	25		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	SURVEYING AND LEVELING	25	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP, ELECTRIC SHOP	75	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	MANUFACTURING TECHNOLOGY – I FITTING SHOP	75	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	BASICS OF ELECTRICAL ENGINEERING - I	50			
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: FOOD PROCESSING: NVEQF/AGRI/PFE/LIHI

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GENERAL WORKSHOP PRACTICE – III	200		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	MANUFACTURING TECHNOLOGY – II	75		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASICS OF ELECTRICAL ENGINEERING – II	75		MATHEMATICS	150
				PHYSICS	150
				CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULTIMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FOOD PROCESSING: NVEQF/AGRI/PFE/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	COMMUNICATION SKILLS	50		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I	120
			1.	LANGUAGE II	120
			2.		
2.	ENGINEERING DRAWING – III	75		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	APPLIED MECHANICS	75		MATHEMATICS	150
4.	MACHINE DRAWING – II	75		PHYSICS	150
5.	MANUFACTURING TECHNOLOGY – III	75		CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150
				MULITMEDIA AND WEB TECHNOLOGY	150

	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FOOD PROCESSING: NVEQF/AGRI/PFE/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED PROCESSING AND FOOD ENGINEERING-I	500		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
				MATHEMATICS	180
				PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FOOD PROCESSING: NVEQF/AGRI/PFE/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED PROCESSING AND FOOD ENGINEERING-II	550		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
				MATHEMATICS	250
				PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: FOOD PROCESSING: NVEQF/AGRI/PFE/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ADVANCED PROCESSING AND FOOD ENGINEERING-III	550		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	SEMINAR	100		MATHEMATICS	300
3.	PROJECT	100		PHYSICS	300
				CHEMISTRY	300
				COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AGRICULTURE

SPECIALIZATION: SOIL AND WATER CONSERVATION: NVEQF/AGRI/SWC/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WORKSHOP PRACTICE – I CARPENTRY SHOP – I FITTING & PLUMBING SHOP – I APPLIED PHYSICS	100		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	ENGINEERING DRAWING – I WATERSHED HYDROLOGY	75	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	SOIL AND WATER CONSERVATION ENGINEERING	25	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.			5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: SOIL AND WATER CONSERVATION: NVEQF/AGRI/SWC/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINEERING DRAWING – II SURVEYING AND LEVELING	50		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	GENERAL WORKSHOP PRACTICE-II WELDING SHOP ELECTRIC SHOP	40	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	MANUFACTURING TECHNOLOGY – I FITTING SHOP BASICS OF ELECTRICAL ENGINEERING - I	80	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	WELLS AND PUMPS IRRIGATION ENGINEERING	80	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: SOIL AND WATER CONSERVATION: NVEQF/AGRI/SWC/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	GENERAL WORKSHOP PRACTICE – III	100		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	MANUFACTURING TECHNOLOGY – II	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASICS OF ELECTRICAL ENGINEERING – II	50		MATHEMATICS	150
4.	DRAINAGE ENGINEERING	75		PHYSICS	150
5.	WATERSHED HYDROLOGY	75		CHEMISTRY	150
				BIOLOGY	150
				BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULTIMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: SOIL AND WATER CONSERVATION: NVEQF/AGRI/SWC/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	COMMUNICATION SKILLS	40		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I	120
			1.	LANGUAGE II	120
2.	ENGINEERING DRAWING – III	40		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	APPLIED MECHANICS	40		MATHEMATICS	150
4.	MACHINE DRAWING – II	40		PHYSICS	150
5.	MANUFACTURING TECHNOLOGY – III	40		CHEMISTRY	150
6.	SOIL AND WATER CONSERVATION	75		BIOLOGY	150
7.	WELLS AND PUMP	75		BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

				MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: SOIL AND WATER CONSERVATION: NVEQF/AGRI/SWC/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	IRRIGATION ENGINEERING	250		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	DRAINAGE ENGINEERING	250		MATHEMATICS	180
				PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: SOIL AND WATER CONSERVATION: NVEQF/AGRI/SWC/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	WATERSHED HYDROLOGY	150		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	SOIL AND WATER CONSERVATION ENGINEERING	200		MATHEMATICS	250
3.	WELLS AND PUMPS	200		PHYSICS	250
				CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: SOIL AND WATER CONSERVATION: NVEQF/AGRI/SWC/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Agri)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	MICRO IRRIGATION SYSTEMS	100		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	WATERSHED PLANNING AND MANAGEMENT	100		MATHEMATICS	300
3.	MINOR IRRIGATION AND COMMAND AREA DEVELOPMENT	100		PHYSICS	300
4.	GULLEY AND RAVINE CONTROL STRUCTURES	150		CHEMISTRY	300
5.	REMOTE SENSING AND GIS APPLICATION	100		COMPUTER SCIENCE	300
6.	SEMINAR	100		APPLIED STATISTICS	300
7.	PROJECT	100		BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: CONSTRUCTION

SPECIALIZATION: BUILDING TECHNOLOGY: NVEQF/CONST/BT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INFRASTRUCTURE MASONRY	85		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	BARBENDING	60	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	PLUMBING & SANITATION	30	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	PAINTING	25	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: BUILDING TECHNOLOGY: NVEQF/CONST/BT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INFRASTRUCTURE	10		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	MASONRY	70	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BARBENDING	70	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	PLUMBING & SANITATION	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	ROADS	25			
6.	WELDING	25			
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: BUILDING TECHNOLOGY: NVEQF/CONST/BT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INFRASTRUCTURE	10		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
			1.	LANGUAGE I	
			2.	LANGUAGE II	
2.	MASON	70		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BARBENDING	45		MATHEMATICS	150
4.	PLUMBING AND SANITATION	70		PHYSICS	150
5.	FORM WORK	50		CHEMISTRY	150
6.	ELECTRICAL HOUSE WIRING	75		BIOLOGY	150
7.	ROADS	10		BIOTECHNOLOGY	150
8.	GREEN BUILDING TECHNOLOGY	20		ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

			MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		1040 HRS.	

SPECIALIZATION: BUILDING TECHNOLOGY: NVEQF/CONST/BT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INFRASTRUCTURE	10		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I	120
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
2.	ELECTRICAL HOUSE WIRING	80		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	PAINTING	50		MATHEMATICS	150
4.	ASSISTANT WORKS SUPERVISOR	150		PHYSICS	150
5.	WELDING	35		CHEMISTRY	150
6.	RENEWABLE ENERGY	15		BIOLOGY	150
7.	BASICS OF INTERIORS	10		BIOTECHNOLOGY	150
				ENGINEERING GRAPHICS	150
				AGRICULTURE	150
				COMPUTER SCIENCE	150
				INFORMATICS PRACTICES	150

			MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		1040 HRS.	

SPECIALIZATION: BUILDING TECHNOLOGY: NVEQF/CONST/BT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	ENGINEERING DRAWING	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	METHODS OF SURVEYING	100		MATHEMATICS	180
3.	ANY ONE BUILDING CONSTRUCTION OR ROADS OR CULVERTS /MINOR BRIDGES BUILDING CONSTRUCTION	300		PHYSICS	180
				CHEMISTRY	180
				COMPUTER SCIENCE	180
				APPLIED STATISTICS	180
				BOTANY	180
				ZOOLOGY	180
				BIOCHEMISTRY	180
				MICROBIOLOGY	180
				ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: BUILDING TECHNOLOGY: NVEQF/CONST/BT/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SURVEYING	75		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	BUILDING CONSTRUCTION OR ROADS OR CULVERTS /MINOR BRIDGES (ANY ONE)	300		MATHEMATICS	250
3.	CROSS DRAINAGE WORKS	75		PHYSICS	250
4.	AUTOCAD 1	100		CHEMISTRY	250
				COMPUTER SCIENCE	250
				APPLIED STATISTICS	250
				BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: BUILDING TECHNOLOGY: NVEQF/CONST/BT/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Construction)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SURVEYING	75		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	AUTO CAD 2	75		MATHEMATICS	300
3.	ANY SUBJECT OR COMBINATION OF THE FOLLOWING SUBJECTS TOTALING 600 OR MORE HRS			PHYSICS	300
4.	ANY ONE BUILDING CONSTRUCTION OR ROADS OR CULVERTS /MINOR BRIDGES OTHER THAN ALREADY STUDIED IN LEVEL 5 OR LEVEL 6			CHEMISTRY	300
5.	MAJOR BRIDGES			COMPUTER SCIENCE	300
6.	STEEL STRUCTURES			APPLIED STATISTICS	300
7.	PRE-STRESSED BRIDGES			BOTANY	300
8.	WATER SUPPLY			ZOOLOGY	300
9.	SANITARY ENGINEERING			BIOCHEMISTRY	300
10.	IRRIGATION STRUCTURES			MICROBIOLOGY	300
11.	REPAIRS AND REHABILITATION OF BUILDINGS REPAIRS AND REHABILITATION OF BRIDGES			ELECTRONICS	300

	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: APPLIED ARTS

SPECIALIZATION: FASHION TECHNOLOGY: NVEQF/AA/FT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	20		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO.	
			1.	(DETAIL CONTENT AT L_1_Language)	140
			2.	LANGUAGE I LANGUAGE II	140
2.	ILLUSTRATION	60		MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	INDIAN TEXTILES AND COSTUMES	20		SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	AESTHETIC VALUE	10		SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
5.	ORNAMENTATION	30			
6.	PROJECT INTERNSHIP	20			
7.	COMMON PERSONAL VALUES	40			
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: FASHION TECHNOLOGY: NVEQF/AA/FT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	20	1. 2.	SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language) LANGUAGE I LANGUAGE II	140 140
2.	CREATIVE EXPRESSION ILLUSTRATION FUNDAMENTALS	50		MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	HISTORY AND CULTURAL CONTEXT	20		SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	ELEMENTS OF DESIGN	40		SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	FASHION COMMUNICATION	30			
6.	ORNAMENTATION	40			
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: FASHION TECHNOLOGY: NVEQF/AA/FT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	30	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	CREATIVE EXPRESSION ILLUSTRATION FUNDAMENTALS	90		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Arts_Stream)	
3.	HISTORY AND CULTURAL CONTEXT	30		HOME SCIENCE	150
4.	PRINCIPLES OF DESIGN	50		ECONOMICS	150
5.	ORNAMENTATION	50		ENTREPRENEURSHIP	150
6.	ACCESSORY DESIGN:	50		HISTORY	150
7.	CREATIVE WRITING FOR FASHION	50		POLITICAL SCIENCE	150
				GEOGRAPHY	150
				PSYCHOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FASHION TECHNOLOGY: NVEQF/AA/FT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	30		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language)	120 120
			1.	LANGUAGE I	
			2.	LANGUAGE II	
2.	CREATIVE EXPRESSION -ILLUSTRATION FUNDAMENTALS	75		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Arts_Stream)	
3.	HISTORY AND CULTURAL CONTEXT	25		HOME SCIENCE	150
4.	FASHION MARKETING	75		ECONOMICS	150
5.	STYLING & FABRIC STUDIES	40		ENTREPRENEURSHIP	150
6.	ACCESSORY DESIGN	75		HISTORY	150
7.	LIFE SKILL EDUCATION	30		POLITICAL SCIENCE	150
				GEOGRAPHY	150
				PSYCHOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FASHION TECHNOLOGY: NVEQF/AA/FT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	75	1.	ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Arts_Stream)	
2.	CREATIVE EXPRESSION -ILLUSTRATION -FUNDAMENTALS -PATTERN MAKING & -- GARMENT CONSTRUCTION	75		HOME SCIENCE	200
3.	HISTORY AND CULTURAL CONTEXT	75		ECONOMICS	200
4.	AESTHETIC VALUE	75		HISTORY	200
5.	STYLING AND JEWELRY	50		POLITICAL SCIENCE	200
6.	COMPUTER WINDOWS WORD POWERPOINT INTERNET	50		GEOGRAPHY	200
7.	MARKET SURVEY	50		PSYCHOLOGY	200
8.	TEAM BUILDING & TEAM WORK	50		SOCIOLOGY	200
9.	PROJECT			PHILOSOPHY	200
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: FASHION TECHNOLOGY: NVEQF/AA/FT/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE	75	1.	ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Arts_Stream)	
2.	CREATIVE EXPRESSION -ILLUSTRATION -FUNDAMENTALS -PATTERN MAKING & -- GARMENT CONSTRUCTION - DRAPING	125		HOME SCIENCE	250
3.	INDIAN TEXTILES AND COSTUMES	75		ECONOMICS	250
4.	AESTHETIC VALUE	75		HISTORY	250
5.	STYLING, ORNAMENTATION, BRANDING	75		POLITICAL SCIENCE	250
6.	COMPUTER- CORELDRAW PHOTOSHOP	50		GEOGRAPHY	250
7.	LIFE SKILL EDUCATION	50		PSYCHOLOGY	250
		25		SOCIOLOGY	250
				PHILOSOPHY	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: FASHION TECHNOLOGY: NVEQF/AA/FT/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All Vocational Ed Applied Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TEXTILE SCIENCE APPAREL MANUFACTURING	100		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Arts_Stream)	
2.	CREATIVE EXPRESSION -ILLUSTRATION -FUNDAMENTALS -PATTERN MAKING & -- GARMENT CONSTRUCTION -ADVANCED DRAPING TRIMMINGS	150		HOME SCIENCE	300
		100		ECONOMICS	300
		75		HISTORY	300
		100		POLITICAL SCIENCE	300
		50		GEOGRAPHY	300
		75		PSYCHOLOGY	300
		50		SOCIOLOGY	300
				PHILOSOPHY	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: APPLIED ARTS

SPECIALIZATION: INTERIOR DESIGN: NVEQF/AA/ID/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INTRODUCTION TO THE SUBJECT - UNDERSTANDING THE SUBJECT THROUGH THE HISTORY, AND THEORY OF DESIGN.			SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	140
			1.	LANGUAGE I	140
			2.	LANGUAGE II	
2.	ARTS & CRAFTS – TO IMPROVE AESTHETIC SENSE.			MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	DRAWING & SKETCHING – FREE HAND DRAWING SKILLS TO IMPROVE MEMORIES AND POWER OF OBSERVATION.			SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	GEOMETRIC DRAWING – BASIC 3-D THROUGH MANUAL DRAWING AND DRAFTING.			SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
5.	WORKSHOP LEVEL – EXPOSURE TO HAND SKILLS, OBJECT MAKING, MATERIALS ETC.				
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: INTERIOR DESIGN: NVEQF/AA/ID/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Applied_Arts</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	CONCEPT OF SPACE – INTRODUCTION.			SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	140
			1.	LANGUAGE I	140
			2.	LANGUAGE II	
2.	CONCEPT OF SCALE – INTRODUCTION.			MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	CAD – 2D/3D.			SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	ANTHROPOMETRY - SENSE OF HUMAN SCALE.			SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	ART AND GRAPHICS - COLORS AND MATERIALS – 2D.				
6.	DRAWING AND SKETCHING – OBJECTS AND SPACES.				
7.	UNDERSTANDING OF MAPS – FIELD STUDY.				
8.	TECHNICAL DRAWINGS – FIELD STUDY.				
9.	MATERIALS – NATURAL & ARTIFICIAL (FIELD STUDY)				

	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: INTERIOR DESIGN: NVEQF/AA/ID/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC DESIGN – INTRODUCTION. MANUAL DRAWINGS. (PLANS, ELEVATIONS, SECTIONS)			SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	BASIC SERVICES – INTRODUCTION.			ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Arts_Stream)	
3.	ARTS AND GRAPHICS – ADVANCED, PRINT MAKING, 3-D DRAWINGS.			HOME SCIENCE	150
4.	MATERIALS AND FINISHES – USES.			ECONOMICS	150
5.	THEORY OF CREATIVITY AND THEORY OF DESIGN.			ENTREPRENEURSHIP	150
6.	CONSTRUCTION PROCESS – INTRODUCTION.			HISTORY	150
				POLITICAL SCIENCE	150
				GEOGRAPHY	150
				PSYCHOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: INTERIOR DESIGN: NVEQF/AA/ID/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC DESIGN – INTERIOR DESIGN.			SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. 1. (DETAIL CONTENT AT L_4_Language) 2. LANGUAGE I LANGUAGE II	120 120
2.	FURNITURE DESIGN – INTRODUCTION, HISTORY.			ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Arts_Stream)	
3.	SYSTEMS AND SERVICES – INTRODUCTION.			HOME SCIENCE	150
4.	ARTS & GRAPHICS – 3-D, SCULPTURE.			ECONOMICS	150
5.	MATERIALS AND FINISHES – ADVANCED.			ENTREPRENEURSHIP	150
6.	CONSTRUCTION PROCESS – VARIOUS ACTIVITIES.			HISTORY	150
7.	PROJECT MANAGEMENT – INTRODUCTION			POLITICAL SCIENCE	150
8.	SUSTAINABILITY, ENVIRONMENTAL AWARENESS.			GEOGRAPHY	150
				PSYCHOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: INTERIOR DESIGN: NVEQF/AA/ID/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Applied_Arts</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DESIGN PROBLEM LIMITED SCALE (SINGLE FUNCTION)		1.	ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT <u>L_5_General_Ed_Arts_Stream</u>)	
2.	PRESENTATION AND COMMUNICATION SKILLS USING LATEST SOFTWARE.			HOME SCIENCE	200
3.	FURNITURE DESIGN – TRADITIONAL, EUROPEAN AS WELL CONTEMPORARY.			ECONOMICS	200
4.	TRADITIONAL ARTS & CRAFTS – WORLD.			HISTORY	200
5.	SYSTEMS & SERVICES – ADVANCED.			POLITICAL SCIENCE	200
6.	CONSTRUCTION PROCESS AND PROJECT MANAGEMENT.			GEOGRAPHY	200
7.	MATERIALS AND FINISHES ADVANCED.			PSYCHOLOGY	200
8.	SUSTAINABILITY, ENVIRONMENTAL AWARENESS AND CLIMATIC FACTORS AND THEIR VARIATIONS.			SOCIOLOGY	200
				PHILOSOPHY	200
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	600
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: INTERIOR DESIGN: NVEQF/AA/ID/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DESIGN PROBLEM MULTIACTIVITY		1.	ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Arts_Stream)	
2.	SPECIFICATIONS, ESTIMATING, COSTING & BUDGETING.			HOME SCIENCE	250
3.	PROJECT MANAGEMENT APPLICATIONS (TIME MANAGEMENT/MATERIAL MANAGEMENT, LABOUR MANAGEMENT, CASH FLOW)			ECONOMICS	250
4.	ADVANCED MATERIALS AND CONVERSION APPLICATIONS.			HISTORY	250
5.	BUILDING AND INTERIOR COMPONENTS.			POLITICAL SCIENCE	250
6.	APPLIED ART PROGRAMME, CREATION OF END PRODUCT/FURNITURE/BUILDING COMPONENT VISUAL MERCHANDISING.			GEOGRAPHY	250
7.				PSYCHOLOGY	250
8.				SOCIOLOGY	250
9.				PHILOSOPHY	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: INTERIOR DESIGN: NVEQF/AA/ID/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
3.	ADVANCED DESIGN PROGRAMME.		1.	ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Arts_Stream)	
4.	INDIVIDUAL DESIGN PROGRAMME			HOME SCIENCE	300
5.	LEGAL/PROFESSIONAL PRACTICE CONTRACT DOCUMENT AGREEMENTS.			ECONOMICS	300
6.	LIGHTING/ACOUSTICS/FURNITURE			HISTORY	300
7.	GREEN BUILDING TECHNOLOGIES/ACCESSORIES.			POLITICAL SCIENCE	300
				GEOGRAPHY	300
				PSYCHOLOGY	300
				SOCIOLOGY	300
				PHILOSOPHY	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: APPLIED ARTS

SPECIALIZATION: JEWELRY DESIGN: NVEQF/AA/JD/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All Vocational Ed Applied Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	JEWELRY TERMINOLOGY- NATIONAL AND INTERNATIONAL	20		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	140
			1. 2.	LANGUAGE I LANGUAGE II	140
2.	FORM DRAWING USING DIFFERENT MEDIUM	40		MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	STUDY OF ART I	20		SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	INTRODUCTION TO ORTHOGRAPHIC AND ISOMETRIC VIEWS	10		SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
5.	BASIC COMPUTER- WORD, EXCEL, POWERPOINT PRESENTATION, INTERNET	30			
6.	INTRODUCTION TO MANUFACTURING	50			
7.	COMMON PERSONAL VALUES	30			

	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: JEWELRY DESIGN: NVEQF/AA/JD/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	COLLECTION OF ARTIFICIAL JEWELLERY SAMPLES	25		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	140
			1.	LANGUAGE I	140
			2.	LANGUAGE II	
2.	BASIC RENDERING	40		MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	STUDY OF ART II	25		SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	INTRODUCTION TO PERSPECTIVE	40		SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	ADVANCE COMPUTER- PHOTOSHOP	40			
6.	BASIC MANUFACTURING	50			
7.	COMMUNICATION	30			
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: JEWELRY DESIGN: NVEQF/AA/JD/LIIE

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Applied_Arts</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	TECHNIQUES JEWELLERY OF MAKING I	30		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	PRINCIPLES OF DESIGN	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Arts_Stream)	
3.	STUDY OF JEWELLERY HISTORY- WORLD	30		HOME SCIENCE	150
4.	DESIGNING WITH ORTHOGRAPHIC	50		ECONOMICS	150
5.	INTRODUCTION TO DESIGN COMPUTER-CORAL DRAW	50		ENTREPRENEURSHIP	150
6.	ADVANCE MANUFACTURING	90		HISTORY	150
7.	CREATIVE WRITING FOR JEWELLERY	50		POLITICAL SCIENCE	150
				GEOGRAPHY	150
				PSYCHOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: JEWELRY DESIGN: NVEQF/AA/JD/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Applied_Arts</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	KNOWING OF MATERIALS USED IN JEWELLERY	25		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language)	120 120
			1. 2.	LANGUAGE I LANGUAGE II	
2.	DESIGNING USING PRINCIPLES OF DESIGN	70		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Arts_Stream)	
3.	STUDY OF JEWELLERY HISTORY-INDIA	30		HOME SCIENCE	150
4.	DESIGNING WITH ORTHGRAPHIC AND PERSPECTIVE II	70		ECONOMICS	150
5.	DETAILS DESIGNING ON COMPUTER- CORAL DRAW	50		ENTREPRENEURSHIP	150
6.	JEWELLERY MAKING	75		HISTORY	150
7.	ETHICS IN INDUSTRY	50		POLITICAL SCIENCE	150
8.				GEOGRAPHY	150
9.				PSYCHOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690

	GRAND TOTAL			1040 HRS.	
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SPECIALIZATION: JEWELRY DESIGN: NVEQF/AA/JD/LY

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	METALLURGY	100	1.	ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Arts_Stream)	
2.	INDIAN JEWELLERY DESIGN STUDY, DESIGN PIECES BASED ON IT DESIGNING JEWELLERY	100		HOME SCIENCE	180
3.	TECHNIQUES OF JEWELLERY MAKING II	75		ECONOMICS	180
4.	DESIGNING COLLECTION WITH ORTHOGRAPHIC AND PERSPECTIVE AND MANUFACTURING	75		HISTORY	180
5.	MAKING OF MASTERPIECES USING CAD/CAM JEWEL CAD / RHINO	75		POLITICAL SCIENCE	180
6.	JEWELLERY MAKING FOR MASS PRODUCTION	75		GEOGRAPHY	180
				PSYCHOLOGY	180
				SOCIOLOGY	180
				PHILOSOPHY	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: JEWELRY DESIGN: NVEQF/AA/JD/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	DIAMOND GRADING	75		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Arts_Stream)	
2.	INTERNATIONAL JEWELLERY DESIGN STUDY AND DESIGN PIECES BASED ON IT DESIGNING JEWELLERY	75		HOME SCIENCE	250
3.	COLLECTION BASED ON INDIAN HISTORY	75		ECONOMICS	250
4.	PRACTICAL STUDY OF DIAMOND GRADING	75		HISTORY	250
5.	MAKING OF MASTERPIECE USING CAD/CAM-IDEAS I	100		POLITICAL SCIENCE	250
6.	PORTFOLIO MAKING USING HANDMADE MANUFACTURING	100		GEOGRAPHY	250
7.	COMMUNICATION SKILLS	50		PSYCHOLOGY	250
				SOCIOLOGY	250
				PHILOSOPHY	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: JEWELRY DESIGN: NVEQF/AA/JD/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Applied_Arts)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	THEORY AND PRACTICE	100	1.	ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Arts_Stream)	
2.	PORTFOLIO MAKING DESIGNING JEWELLERY	150		HOME SCIENCE	300
3.	COLLECTION BASED ON INTERNATIONAL HISTORY	100		ECONOMICS	300
4.	PRACTICAL STUDY OF GEMOLOGY	100		HISTORY	300
5.	PORTFOLIO MAKING USING CAD/CAM	125		POLITICAL SCIENCE	300
6.	DESIGN COMMUNICATION	125		GEOGRAPHY	300
7.	JEWELRY STYLING AND JEWELRY PHOTOGRAPHY	50		PSYCHOLOGY	300
				SOCIOLOGY	300
				PHILOSOPHY	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: TOURISM

SPECIALIZATION: TOURISM: NVEQF/T&SI /LI

CERTIFICATE LEVEL-I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SOFT SKILLS	25		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	140
			1.	LANGUAGE I	140
			2.	LANGUAGE II	
2.	INTRODUCTION TO TOURISM- (I)	25		MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	TOURISM BUSINESS- (I)	50		SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	INDIAN SOCIETY AND CULTURE	50		SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
5.	FAM TOUR	50			
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: TOURISM: NVEQF/T&SI/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SOFT SKILLS (II)	30		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	INTRODUCTION TO TURISM	50		MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	TOURSIM BUSINESS(II)	70		SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	INDIAN CULTURE	50		SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	INDIAN SOCIETY AND CULTURE FAM TOUR	50			
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: TOURISM: NVEQF/T&SI /LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	SOFT SKILLS(III)	30		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
			1. 2.	LANGUAGE I LANGUAGE II	
2.	TORUISM BUSINESS (III)	90		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Commerce_Stream)	
3.	GUIDING SKILLS- I	90		MATHEMATICS	150
4.	TOURISM RESOUCRS AND PRODUCTS	90		ECONOMICS	150
5.	FAM TOUR	50		BUSINESS STUDIES	150
				ACCOUNTANCY	150
				ENTREPRENEURSHIP	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: TOURISM: NVEQF/T&SI/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BUSINESS COMMUNICATION	30		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
			1. 2.	LANGUAGE I LANGUAGE II	
2.	SOURCES OF TOURIST INFORMATION	30		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Commerce_Stream)	
3.	TOURISM BUSINESS- IV (AIRLINE TICKETING)	80		MATHEMATICS	150
4.	TOURISM RESOURCES AND PRODUCTS – II	80		ECONOMICS	150
5.	GUIDING SKILLS	80		BUSINESS STUDIES	150
6.	FAM TOUR/PRACTICAL	50		ACCOUNTANCY	150
				ENTREPRENEURSHIP	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: TOURISM: NVEQF/T&SI/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FOREIGN LANGUAGE- FRENCH/ GERMAN/ SPANISH	75		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language)	120 120
2.	ACCOMMODATION SECTOR	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Commerce_Stream)	
3.	GEOGRAPHY AND TOURISM	60		MATHEMATICS	150
4.	TRANSPORTATION MANAGEMENT	65		ECONOMICS	150
5.	BASIC ACCOUNTING	85		BUSINESS STUDIES	150
6.	TOURISM RESOURCES AND PRODUCTS - III	65		ACCOUNTANCY	150
7.	GUIDING SKILLS	50		ENTREPRENEURSHIP	150
8.	FAM TOUR AND PROJECT	50			
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: TOURISM: NVEQF/T&SI /LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Tourisam)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FOREIGN LANGUAGE– FRENCH/ GERMAN/ SPANISH	75	1.	ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Commerce_Stream)	
2.	TOUR OPERATIONS- ITINERARY PREPARATION	75		BUSINESS MATHEMATICS	250
3.	GEOGRAPHY AND TOURISM	75		INCOME TAX LAW AND PRACTICE	250
4.	TOURISM RESOURCES AND PRODUCTS – IV	75		MACRO ECONOMICS	250
5.	TOURISM MARKETING	50		PRINCIPLES OF MARKETING	250
6.	TOURISM LINKAGES	75		MATHEMATICS	250
7.	GUIDING SKILLS	75		INDIRECT TAX	250
8.	FAM TOUR	50		CORPORATE ACCOUNTING	250
				COST ACCOUNTING	250
				HUMAN RESOURCE MANAGEMENT	
				INDIAN ECONOMY – PERFORMANCE AND POLICIES	
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: TOURISM: NVEQF/T&SI /LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_Tourisam</u>)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FOREIGN LANGUAGE(III) – FRENCH/ GERMAN/ SPANISH	100		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Commerce_Stream)	
2.	TOUR OPERATION- TOUR COSTING	100		MANAGEMENT ACCOUNTING	300
3.	GEOGRAPHY AND TOURISM	100		FINANCIAL MANAGEMENT	300
4.	ENTREPRENEURSHIP IN TOURISM	100		AUDITING	300
5.	TOURISM RESOURCES AND PRODUCTS	75		E-COMMERCE	300
6.	TOURISM IMPACTS	100		FINANCIAL MARKETS, INSTITUTIONS AND FINANCIAL SERVICES	300
7.	GUIDING SKILLS	100		COMPENSATION MANAGEMENT	300
8.	FAM TOUR	75		CORPORATE TAX PLANNING	300
				ADVERTISING AND PERSONAL SELLING	300
				BUSINESS DATA PROCESSING – I	
				INTERNATIONAL BUSINESS	
				GOVERNANCE, ETHICS AND SOCIAL RESPONSIBILITY OF BUSINESS	
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: PRINTING & PUBLISHING

SPECIALIZATION: PRINTING TECHNOLOGY: NVEQF/P&P/PT/LI

CERTIFICATE LEVEL- I

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	OVERVIEW – THEORETICAL [GRAPHIC DESIGN/ COLOUR MANAGEMENT PRE-PRESS/COMPUTER TO PLATE/PRINTING/FINISHING]	40		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_1_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	AT CLASSROOM [BASIC SCIENCE & TECHNOLOGY / PRINTING PROCESS]	60	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	PRACTICAL TRAINING AT FACTORY	68	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	SAFETY MEASURES EVALUATION	32	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: PRINTING TECHNOLOGY: NVEQF/P&P/PT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	20		SUBJECT OF STUDIES THE LANGUAGES WILL BE FROM THE FOLLOWING WITH THE FOLLOWING STRUCTURE (ANY TWO) HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KANNADA, KASHMIRI, MARATHI, MALAYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, LEPCHA, LIMBU, BHUTIA, SANSKRIT, ARABIC, PERSIAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN, SPANISH, NEPALI, TIBETAN AND MIZO, TANGKHUL AND BODO. (DETAIL CONTENT AT L_2_Language)	
			1.	LANGUAGE I	140
			2.	LANGUAGE II	140
2.	PRACTICAL AT WORKSHOP	120	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	THEORETICAL EVOLUTION	20	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	CORRUGATED BOX MANUFACTURING, BASIC POST PRESS FINISHING, MAINTENANCE, TESTING RAW MATERIALS, EVALUATION	90	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	250		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			1030 HRS.	

SPECIALIZATION: PRINTING TECHNOLOGY: NVEQF/P&P/PT/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	28		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_3_Language)	120 120
2.	PRACTICAL AT WORKSHOP	162		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	PACKAGE PRODUCTION	16		MATHEMATICS	150
4.	PRESSROOM CONSUMABLES	16		PHYSICS	150
5.	NEWSPAPER PUBLICATION	16		CHEMISTRY	150
6.	CORRUGATED BOX MANUFACTURING	16		BIOLOGY	150
7.	SECURITY PRINTING	20		BIOTECHNOLOGY	150
8.	MAINTENANCE	20		ENGINEERING GRAPHICS	150
9.	VALUE ADDED FINISHING	20		AGRICULTURE	150
10.	THEORETICAL KNOWLEDGE	20		COMPUTER SCIENCE	150
11.	EVALUATION	16		INFORMATICS PRACTICES	150

				MULTIMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: PRINTING TECHNOLOGY: NVEQF/P&P/PT/LIV

CERTIFICATE LEVEL- IV

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	20		SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MALYALAM, MANIPURI, ORIYA, PUNJABI, SINDHI, TAMIL, TELUGU, URDU, SANSKRIT, ARABIC, PERSIAN, LIMBOO, LEPCHA, BHUTIA, MIZO, TANGKHUL, BODO, NEPALI, TIBETAN, FRENCH, GERMAN, PORTUGUESE, RUSSIAN AND SPANISH. (DETAIL CONTENT AT L_4_Language) LANGUAGE I LANGUAGE II	120 120
2.	PRACTICAL AT WORKSHOP	80		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	SPECIALIZED SECTOR PREFERENCE	70		MATHEMATICS	150
4.	PACKAGE PRODUCTION	20		PHYSICS	150
5.	PRESS ROOM CONSUMABLES	15		CHEMISTRY	150
6.	NEWSPAPER PUBLICATION/EDITING	25		BIOLOGY	150
7.	CORRUGATED BOX MANUFACTURING	20		BIOTECHNOLOGY	150
8.	SECURITY PRINTING	20		ENGINEERING GRAPHICS	150
9.	VALUE ADDED FINISHING	20		AGRICULTURE	150
10.	MAINTENANCE	20		COMPUTER SCIENCE	150
11.	TECHNICAL KNOWLEDGE	20		INFORMATICS PRACTICES	150

12.	EVALUATION	20		MULITMEDIA AND WEB TECHNOLOGY	150
	TOTAL VOC CONTENT	350		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: PRINTING TECHNOLOGY: NVEQF/P&P/PT/LV

CERTIFICATE LEVEL- V

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	32		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	SPECIFIC AREA KNOWLEDGE PRACTICAL	194		MATHEMATICS	180
3.	PACKAGE PRODUCTION	45		PHYSICS	180
4.	RAW MATERIAL	20		CHEMISTRY	180
5.	PROCUREMENT KNOWLEDGE	20		COMPUTER SCIENCE	180
6.	RECORDING AND REPORTING	20		APPLIED STATISTICS	180
7.	COSTING KNOWLEDGE	20		BOTANY	180
8.	VALUE ADDED FINISHING	20		ZOOLOGY	180
9.	SUPERVISORY SKILL	35		BIOCHEMISTRY	180
10.	MARKETING	35		MICROBIOLOGY	180
11.	THEORETICAL KNOWLEDGE (Q/A) EVALUATION	59		ELECTRONICS	180
	TOTAL VOC CONTENT	500		TOTAL GENERAL CONTENT	540
	GRAND TOTAL			1040 HRS.	

SPECIALIZATION: PRINTING TECHNOLOGY: NVEQF/P&P/PT/LVI

CERTIFICATE LEVEL- VI

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	32		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	SPECIFIC AREA KNOWLEDGE PRACTICAL	180		MATHEMATICS	250
3.	PACKAGE PRODUCTION/FINISH	46		PHYSICS	250
4.	MAINTENANCE	38		CHEMISTRY	250
5.	RAW MATERIAL TESTING PROCUREMENT KNOWLEDGE	38		COMPUTER SCIENCE	250
6.	RECORDING AND REPORTING	26		APPLIED STATISTICS	250
7.	COSTING KNOWLEDGE	24		BOTANY	250
8.	VALUE ADDED FINISHING	32		ZOOLOGY	250
9.	SUPERVISORY SKILL	38		BIOCHEMISTRY	250
10.	MARKETING EXPERIENCE	32		MICROBIOLOGY	250
11.	THEORETICAL KNOWLEDGE (Q/A) EVALUATION	64		ELECTRONICS	250
	TOTAL VOC CONTENT	550		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1050 HRS.	

SPECIALIZATION: PRINTING TECHNOLOGY: NVEQF/P&P/PT/LVII

CERTIFICATE LEVEL- VII

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_Printing)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	REVISION	32		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	SPECIFIC AREA KNOWLEDGE	250		MATHEMATICS	300
3.	PACKAGE PRODUCTION/FINISH	68		PHYSICS	300
4.	MAINTENANCE	48		CHEMISTRY	300
5.	RAW MATERIAL TESTING	32		COMPUTER SCIENCE	300
6.	PROCUREMENT KNOWLEDGE	32		APPLIED STATISTICS	300
7.	RECORDING AND REPORTING	48		BOTANY	300
8.	COSTING KNOWLEDGE	40		ZOOLOGY	300
9.	VALUE ADDED FINISHING	40		BIOCHEMISTRY	300
10.	SUPERVISORY SKILL	72		MICROBIOLOGY	300
11.	MARKETING EXPERIENCE THEORETICAL KNOWLEDGE (Q/A EVALUATION	88		ELECTRONICS	300
	TOTAL VOC CONTENT	750		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1050 HRS.	