

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

**GENERAL SCHEMA
(AGRICULTURE)**

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

7TH FLOOR, CHANDERLOK BUILDING

JANPATH, NEW DELHI – 110 001

www.aicte-india.org

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.

		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

Framework options for a student

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
- 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.

SKILL SECTORS/ SPECIALISATIONS AND GENERAL CONTENT

Sector	Specialization	General Content
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	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: AGRICULTURE

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

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	CROP PRODUCTION MANUFACTURING TECHNOLOGY – I FITTING SHOP	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
5.	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	AGRICULTURAL BOTANY – II	50	1.	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
			2.	LANGUAGE I	120
				LANGUAGE II	
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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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	50		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	APPLIED MECHANICS	50		MATHEMATICS	150
	CROP PRODUCTION – III				
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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.	GREENHOUSE ENVIRONMENT CONTROL & INSTRUMENTATION	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: GREEN HOUSE TECHNOLOGY: NVEQF/AGRI/GHT/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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/LIHI

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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/LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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

			MULITMEDIA 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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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)	
			1.	LANGUAGE I	120
			2.	LANGUAGE II	120
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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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

			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/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS .	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L All Vocational Ed Agri)	HRS ·	S.N O	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.	