

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

**GENERAL SCHEMA
(PARAMEDICAL AND HEALTHCARE)**

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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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.

		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 subject 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 AVAILABLE GENERAL CONTENT

Sector	Specialization	Available General Content
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: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: - CARDIOLOGY: NVEQF/PM&HC/C/LI

CERTIFICATE LEVEL - I

S.NO	VOCATIONAL CONTENT L_All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HEALTH AND SANITATION	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: - CARDIOLOGY: NVEQF/PM&HC/C/LII

CERTIFICATE LEVEL - II

S.NO	VOCATIONAL CONTENT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General Ed)	180
4.	BASIC SURGICAL NURSING	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: - CARDIOLOGY: NVEQF/PM&HC/C/LIII

CERTIFICATE LEVEL - III

S.NO	VOCATIONAL CONTENT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC BIOLOGY	80	1. 2.	SUBJECT OF STUDIES I&II TWO LANGUAGES OUT OF FOLLOWING HINDI, ENGLISH, ASSAMESE, BENGALI, GUJRATI, KASHMIRI, KANNADA, MARATHI, MLYALAM, 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.	BASIC CHEMISTRY	80		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	80		MATHEMATICS	150
4.	INTRODUCTION TO CATH LAB	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: - CARDIOLOGY: NVEQF/PM&HC/C/LIV

CERTIFICATE LEVEL - IV

S.NO	VOCATIONAL CONTENT L All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INTRODUCTION TO ANATOMY	60		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
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
2.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	INTRODUCTION TO CARDIAC CARE TECHNOLOGY	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: - CARDIOLOGY: NVEQF/PM&HC/C/LV

CERTIFICATE LEVEL - V

S.NO	VOCATIONAL CONTENT L All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PARAMEDICAL TRAINING IN CARDIOLOGY	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L 5 General Ed Science Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	MEDICINE RELATED CARDIAC CARE TECHNOLOGY	100		PHYSICS	180
4.	CPR	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: - CARDIOLOGY: NVEQF/PM&HC/C/LVI

CERTIFICATE LEVEL - VI

S.NO	VOCATIONAL CONTENT <u>L_All_Vocational_Ed_PM&HC</u>	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES -PHARMACOLOGY	80		MATHEMATICS	250
3.	INVESTIGATIONS IN CARDIOLOGY	100		PHYSICS	250
4.	ECG	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: - CARDIOLOGY: NVEQF/PM&HC/C/LVII

CERTIFICATE LEVEL - VII

S.NO	VOCATIONAL CONTENT <u>L All Vocational Ed PM&HC</u>	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	CLINICAL CARDIAC CARE TECHNOLOGY	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L 7 General Ed Science Stream)	
2.	APPLIED CARDIAC CARE TECHNOLOGY	90		MATHEMATICS	300
3.	ADVANCED CARDIAC CARE TECHNOLOGY	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: - NEUROLOGY: NVEQF/PM&HC/N/LI

CERTIFICATE LEVEL - I

S.NO	VOCATIONAL CONTENT L All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HEALTH AND SANITATION	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: - NEUROLOGY: NVEQF/PM&HC/N/LII

CERTIFICATE LEVEL - II

S.NO	VOCATIONAL CONTENT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	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: - NEUROLOGY: NVEQF/PM&HC/N/LIHI

CERTIFICATE LEVEL - III

S.NO	VOCATIONAL CONTENT L All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC BIOLOGY	60		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.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General Ed Science Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO NEUROLOGY	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: - NEUROLOGY: NVEQF/PM&HC/N/LIV

CERTIFICATE LEVEL - IV

S.NO	VOCATIONAL CONTENT L All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INTRODUCTION TO ANATOMY	60		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
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
2.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	NEUROLOGY EQUIPMENTS	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: - NEUROLOGY: NVEQF/PM&HC/N/LV

CERTIFICATE LEVEL - V

S.NO	VOCATIONAL CONTENT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	NEUROPHYSIOLOGY	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	BASIC NEUROPHYSICS	100		PHYSICS	180
4.	ADVANCED NEUROPHYSICS	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: - NEUROLOGY: NVEQF/PM&HC/N/LVI

CERTIFICATE LEVEL - VI

S.NO	VOCATIONAL CONTENT <u>L_All_Vocational_Ed_PM&HC</u>	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PARA CLINICAL SCIENCES – PATHOLOGY + PHYSIOLOGY	90		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	NEUROENDOVASCULAR TRAINING	70		MATHEMATICS	250
3.	APPLIED PATHOLOGY OF CNS	100		PHYSICS	250
4.	APPLIED PATHOLOGY OF PNS	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: - NEUROLOGY: NVEQF/PM&HC/N/LVII

CERTIFICATE LEVEL - VII

S.NO	VOCATIONAL CONTENT <u>L All Vocational Ed PM&HC</u>	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	FUNDAMENTALS OF EEG & CONDUCTORS	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L 7 General Ed Science Stream)	
2.	EEG READING	90		MATHEMATICS	300
3.	NERVE CONDUCTION & RESPONSES	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: - RADIOGRAPHY: NVEQF/PM&HC/R/LI

CERTIFICATE LEVEL - I

S.NO	VOCATIONAL CONTENT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HEALTH AND SANITATION	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: - RADIOGRAPHY: NVEQF/PM&HC/R/LII

CERTIFICATE LEVEL - II

S.NO	VOCATIONAL CONTENT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	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: - RADIOGRAPHY: NVEQF/PM&HC/R/LIII

CERTIFICATE LEVEL - III

S.NO	VOCATIONAL CONTENT L All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC BIOLOGY	60		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.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3 General Ed Science Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO RADIOGRAPHY	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: - RADIOGRAPHY: NVEQF/PM&HC/R/LIV

CERTIFICATE LEVEL - IV

S.NO	VOCATIONAL CONTENT L All Vocational Ed <u>PM&HC</u>	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	INTRODUCTION TO ANATOMY	60		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
			1.	LANGUAGE I	120
			2.	LANGUAGE II	
2.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4 General Ed Science Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	RADIOGRAPHIC TECHNIQUES FOR ROUTINE PROCEDURES	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: - RADIOGRAPHY: NVEQF/PM&HC/R/LV

CERTIFICATE LEVEL – V

S.NO	VOCATIONAL CONTENT L All Vocational Ed PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC RADIOGRAPHIC TECHNIQUES	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L 5 General Ed Science Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	PATIENT CARE FOR RADIO DIAGNOSTIC PROCEDURES	100		PHYSICS	180
4.	X RAY CONTRAST MEDIA	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: - RADIOGRAPHY: NVEQF/PM&HC/R/LVI

CERTIFICATE LEVEL - VI

S.NO	VOCATIONAL CONTENT <u>L All Vocational Ed PM&HC</u>	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L 6 General Ed Science Stream)	
2.	PARA CLINICAL SCIENCES -PHARMACOLOGY	80		MATHEMATICS	250
3.	BASICS OF RADIOLOGICAL PHYSICS	100		PHYSICS	250
4.	BASIC PHYSICS OF RADIOLOGICAL EQUIPMENTS	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: - RADIOGRAPHY: NVEQF/PM&HC/R/LVII

CERTIFICATE LEVEL - VII

S.NO	VOCATIONAL CONTENT L All Vocational Ed <u>PM&HC</u>	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	RADIOGRAPHIC TECHNIQUES FOR SPECIAL PROCEDURES	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General Ed_Science_Stream)	
2.	QUALITY ASSURANCE AND RADIATION PROTECTION IN RADIOLOGY	90		MATHEMATICS	300
3.	ADVANCE PHYSICS OF RADIOLOGICAL EQUIPMENT	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	50	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
2.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LIHI

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	60		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 2. LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3 General Ed Science Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	BASICS OF EMERGENCY MEDICAL SERVICES	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	CARDIOPULMONARY RESUSCITATION (CPR)	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	AIRWAY & PATIENT ASSESSMENT	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	AMBULANCE OPERATIONS	100		PHYSICS	180
4.	MANAGEMENT OF SHOCK & HEMORRHAGE	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	TRIAGE	100		PHYSICS	250
4.	UNCONSCIOUS PATIENT	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	TRAUMA CARE	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	EMERGENCIES IN BASIC SPECIALTY AND MANAGEMENT	90		MATHEMATICS	300
3.	EMERGENCIES IN SUPER SPECIALTY AND MANAGEMENT	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: LABORATORY: NVEQF/PM&HC/LAB./LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	50	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: LABORATORY: NVEQF/PM&HC/LAB./LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
2.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: LABORATORY: NVEQF/PM&HC/LAB./LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	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_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	BASIC LAB PRINCIPLES AND PROCEDURES	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: LABORATORY: NVEQF/PM&HC/LAB./LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	60		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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	BASIC LAB SCIENCES AND HEMATOLOGY	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: LABORATORY: NVEQF/PM&HC/LAB./LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	IMMUNOLOGY	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	EQUIPMENT MAINTENANCE	100		PHYSICS	180
4.	CPR	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: LABORATORY: NVEQF/PM&HC/LAB./LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES – PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	CLINICAL PATHOLOGY & PARASITOLOGY	100		PHYSICS	250
4.	HISTOPATHOLOGY & CYTOLOGY	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: LABORATORY: NVEQF/PM&HC/LAB./LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	APPLIED HISTOPATHOLOGY AND CYTOLOGY	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	APPLIED HEMATOLOGY	45		MATHEMATICS	300
3.	APPLIED SEROLOGY, MICROBIOLOGY AND IMMUNOLOGY	45		PHYSICS	300
4.	QUALITY CONTROL AND STANDARDIZATION IN LABORATORIES	90		CHEMISTRY	300
5.	MOLECULAR BIOLOGY	30		COMPUTER SCIENCE	300
6.	INTERNSHIP	400		APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: OPERATION THEATER: NVEQF/PM&HC/OT/LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	50	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: OPERATION THEATER: NVEQF/PM&HC/OT/LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
2.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: OPERATION THEATER: NVEQF/PM&HC/OT/LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	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_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO OPERATION THEATRE AND ITS MANAGEMENT.	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: OPERATION THEATER: NVEQF/PM&HC/OT/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	OT TECHNIQUES AND INSTRUMENTATION	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: OPERATION THEATER: NVEQF/PM&HC/OT/LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	APPLIED PATHOLOGY & APPLIED PHARMACOLOGY	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	BASIC SPECIALTIES, GENERAL SURGERY, ENT & ORTHOPEDICS	100		PHYSICS	180
4.	CPR	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: OPERATION THEATER: NVEQF/PM&HC/OT/LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	CSSD, STORES AND INVENTORY PROCEDURES	100		PHYSICS	250
4.	OBG SURGERIES	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: OPERATION THEATER: NVEQF/PM&HC/OT/LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	OT IN BASIC SPECIALTIES	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	OT IN SUPER SPECIALTIES	90		MATHEMATICS	300
3.	ADMINISTRATION RELATED to OT	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: OPTOMETRY: NVEQF/PM&HC/OPT./LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: OPTOMETRY: NVEQF/PM&HC/OPT./LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
2.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: OPTOMETRY: NVEQF/PM&HC/OPT./LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	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_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO OPTOMETRY & OPHTHALMIC TECHNIQUES	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: OPTOMETRY: NVEQF/PM&HC/OPT./LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	BASIC COMMUNICATION SKILLS	60		PHYSICS	150
5.	CLEANING & DISINFECTION	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: OPTOMETRY: NVEQF/PM&HC/OPT./LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	BASIC OCULAR SCIENCE	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	DISPENSING OPTICS	100		PHYSICS	180
4.	VISUAL OPTICS	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: OPTOMETRY: NVEQF/PM&HC/OPT./LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	BASIC ORTHOPTICS	100		PHYSICS	250
4.	CONTACT LENSES	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: OPTOMETRY: NVEQF/PM&HC/OPT./LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	LOW VISION AIDS	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	OPTOMETRY FOR SPECIFIC GROUP (APPLIED, COMMUNITY & OCCUPATIONAL)	90		MATHEMATICS	300
3.	OPTOMETRIC INSTRUMENTS AND PROCEDURES	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300

	GRAND TOTAL		1000 HRS.	
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NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	50	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
2.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICINAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	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_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO MEDICAL RECORD SCIENCE	60		PHYSICS	150
5.	BASIC MEDICAL RECORD SCIENCE	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	60		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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	GENERAL STATISTICS – BIOSTATISTICS & HOSPITAL STATISTICS	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	MEDICAL TERMINOLOGY I	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	MEDICAL TERMINOLOGY II	100		PHYSICS	180
4.	CPR	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	INTERNATIONAL CLASSIFICATION OF DISEASES	100		PHYSICS	250
4.	INFORMATION PROCESSING ACTIVITIES & DATABASE	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	MEDICAL ETHICS, MEDICAL JURISPRUDENCE AND MEDICAL TOXICOLOGY	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	COMMUNITY MEDICINE & CURATIVE MEDICINE	90		MATHEMATICS	300
3.	COMPUTER TECHNOLOGY & ITS APPLICATIONS	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: ENDOSCOPY: NVEQF/PM&HC/ENDO./LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	50	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: ENDOSCOPY: NVEQF/PM&HC/ENDO./LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
2.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: ENDOSCOPY: NVEQF/PM&HC/ENDO./LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	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_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	OVERVIEW OF GASTROENTEROLOGY DEPARTMENT	60		PHYSICS	150
	MEDICAL TERMINOLOGY	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: ENDOSCOPY: NVEQF/PM&HC/ENDO./LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	ENDOSCOPY AND OT ROOM MANAGEMENT	60		PHYSICS	150
	BASIC COMMUNICATION SKILLS	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: ENDOSCOPY: NVEQF/PM&HC/ENDO./LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	ENDOSCOPY	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	COLONOSCOPY	100		PHYSICS	180
4.	CPR	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: ENDOSCOPY: NVEQF/PM&HC/ENDO./LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	ERCP	100		PHYSICS	250
4.	EQUIPMENT MAINTENANCE	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: ENDOSCOPY: NVEQF/PM&HC/ENDO./LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	BASIC LAPAROSCOPIC SURGERY	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	ADVANCED LAPAROSCOPIC GI SURGERY	90		MATHEMATICS	300
3.	ADMINISTRATION RELATED TO ENDOSCOPY	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	50	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
5.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
6.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
7.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
8.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	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_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO ANESTHESIA AND CRITICAL CARE	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	ANESTHESIA AND CRITICAL CARE EQUIPMENTS	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC ANESTHESIA & CRITICAL CARE PROCEDURES	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	INTRODUCTION TO HEMODYNAMIC MONITORING	100		PHYSICS	180
4.	ESSENTIALS OF ANESTHESIOLOGY	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	ICU MANAGEMENT, CPR AND TRAUMA LIFE SUPPORT	100		PHYSICS	250
4.	BIO MEDICAL ENGINEERING	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	ANESTHESIA IN SURGICAL SPECIALTIES	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	COMMON ISSUES IN ICU	90		MATHEMATICS	300
3.	BRIEF ABOUT NEONATAL INTUBATION	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)

SECTOR: PARAMEDICAL & HEALTHCARE

SPECIALIZATION: RENAL DIALYSIS: NVEQF/PM&HC/RD/LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HEALTH AND SANITATION	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.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
3.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
4.	ORIENTATION TO HEALTHCARE DELIVERY	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: RENAL DIALYSIS: NVEQF/PM&HC/RD/LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: RENAL DIALYSIS: NVEQF/PM&HC/RD/LIHI

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	60		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 CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO RENAL DIALYSIS TECHNIQUES	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: RENAL DIALYSIS: NVEQF/PM&HC/RD/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	THE DIALYZER, DIALYSIS EQUIPMENTS AND MACHINES	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: RENAL DIALYSIS: NVEQF/PM&HC/RD/LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PHARMACOLOGY RELATED TO HAEMO AND PERITONEAL DIALYSIS	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	DIALYSIS CONCENTRATES AND DIALYSIS REPROCESSING	100		PHYSICS	180
4.	CPR	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: RENAL DIALYSIS: NVEQF/PM&HC/RD/LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	PARA CLINICAL SCIENCES - PATHOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	PARA CLINICAL SCIENCES – PHARMACOLOGY	80		MATHEMATICS	250
3.	PERITONEAL AND HEMODIALYSIS	100		PHYSICS	250
4.	UNCONSCIOUS PATIENT	100		CHEMISTRY	250
5.	HOSPITAL MANAGEMENT	100		COMPUTER SCIENCE	250
6.	BIOMEDICAL WASTE	70		APPLIED STATISTICS	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		BOTANY	250
				ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: RENAL DIALYSIS: NVEQF/PM&HC/RD/LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	BASICS IN RENAL DIALYSIS TECHNOLOGY	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2.	APPLIED DIALYSIS TECHNOLOGY – PART I	90		MATHEMATICS	300
3.	APPLIED DIALYSIS TECHNOLOGY – PART II	90		PHYSICS	300
4.	MEDICAL, LEGAL & ETHICAL ISSUES	30		CHEMISTRY	300
5.	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	

NATIONAL VOCATIONAL EDUCATIONAL QUALIFICATION FRAMEWORK (NVEQF)
SECTOR: PARAMEDICAL AND HEALTHCARE

SPECIALIZATION: BLOOD BANK: NVEQF/PM&HC/BT/LI

CERTIFICATE LEVEL- I

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
5.	HEALTH AND SANITATION	50	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
6.	DISEASE PREVENTION & COMMUNITY ORGANIZATION	50	3.	MATHEMATICS (DETAIL CONTENT AT L_1_General_Ed)	140
7.	BASIC PATIENT CARE	50	4.	SCIENCE (DETAIL CONTENT AT L_1_General_Ed)	180
8.	ORIENTATION TO HEALTHCARE DELIVERY	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: BLOOD BANK: NVEQF/PM&HC/BT/LII

CERTIFICATE LEVEL- II

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	HOSPITAL DEPARTMENTAL OVERVIEW	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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 2. LANGUAGE II	140 140
2.	INTRODUCTION TO HOSPITAL OPERATIONS	50	3.	MATHEMATICS (DETAIL CONTENT AT L_2_General_Ed)	140
3.	BASIC MEDICAL NURSING	50	4.	SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
4.	BASIC SURGICAL NURSING	50	5.	SOCIAL SCIENCE (DETAIL CONTENT AT L_2_General_Ed)	180
	TOTAL VOC CONTENT	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

SPECIALIZATION: BLOOD BANK: NVEQF/PM&HC/BT/LIII

CERTIFICATE LEVEL- III

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	BASIC BIOLOGY	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_3_Language) LANGUAGE I LANGUAGE II	120 120
2.	BASIC CHEMISTRY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_General_Ed_Science_Stream)	
3.	BASIC PHYSICS	60		MATHEMATICS	150
4.	INTRODUCTION TO BLOOD BANKING & ITS MANAGEMENT	60		PHYSICS	150
5.	MEDICAL TERMINOLOGY	60		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	300	TOTAL GENERAL CONTENT	690
	GRAND TOTAL		990 HRS.	

SPECIALIZATION: BLOOD BANK: NVEQF/PM&HC/BT/LIV

CERTIFICATE LEVEL- IV

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS .	S.N O	GENERAL CONTENT	HRS .
1.	INTRODUCTION TO ANATOMY	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.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_4_General_Ed_Science_Stream)	
3.	INTRODUCTION TO BIOCHEMISTRY	60		MATHEMATICS	150
4.	BASICS OF BLOOD BANKING	60		PHYSICS	150
5.	BASIC COMMUNICATION SKILLS	60		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	300		TOTAL GENERAL CONTENT	690
	GRAND TOTAL			990 HRS.	

SPECIALIZATION: BLOOD BANK: NVEQF/PM&HC/BT/LV

CERTIFICATE LEVEL- V

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS ·	S.N O	GENERAL CONTENT	HRS ·
1.	HEMATOLOGY & BLOOD BANKING	100		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_5_General_Ed_Science_Stream)	
2.	ADVANCED IT SKILLS	75		MATHEMATICS	180
3.	IMMUNOLOGY	100		PHYSICS	180
4.	CPR	100		CHEMISTRY	180
5.	PATIENT & STAFF SAFETY	65		COMPUTER SCIENCE	180
6.	INFECTION CONTROL	60		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: BLOOD BANK: NVEQF/PM&HC/BT/LVI

CERTIFICATE LEVEL- VI

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1.	MICROBIOLOGY	80		ANY TWO PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_6_General_Ed_Science_Stream)	
2.	BLOOD COLLECTION	40		MATHEMATICS	250
	EQUIPMENTS AND ITS MAINTENANCE	40		PHYSICS	250
3.	MYCOLOGY & SEROLOGY	100		CHEMISTRY	250
4.	CLINICAL HEMATOLOGY	100		COMPUTER SCIENCE	250
5.	HOSPITAL MANAGEMENT	100		APPLIED STATISTICS	250
6.	BIOMEDICAL WASTE	70		BOTANY	250
7.	ACCREDITATIONS & CERTIFICATIONS	70		ZOOLOGY	250
				BIOCHEMISTRY	250
				MICROBIOLOGY	250
				ELECTRONICS	250
	TOTAL VOC CONTENT	600		TOTAL GENERAL CONTENT	500
	GRAND TOTAL			1100 HRS.	

SPECIALIZATION: BLOOD BANK: NVEQF/PM&HC/BT/LVII

CERTIFICATE LEVEL- VII

S.N O	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_ PM&HC	HRS	S.N O	GENERAL CONTENT	HRS
1	BASIC PRINCIPLES IN BLOOD BANKING-ORGANIZATION	90		ANY ONE PAPER OUT OF FOLLOWING (DETAIL CONTENT AT L_7_General_Ed_Science_Stream)	
2	BLOOD BANK TECHNIQUES	90		MATHEMATICS	300
3	BLOOD COMPONENTS AND HLA	90		PHYSICS	300
4	QUALITY CONTROL AND STANDARDIZATION IN LABORATORIES	30		CHEMISTRY	300
5	INTERNSHIP	400		COMPUTER SCIENCE	300
				APPLIED STATISTICS	300
				BOTANY	300
				ZOOLOGY	300
				BIOCHEMISTRY	300
				MICROBIOLOGY	300
				ELECTRONICS	300
	TOTAL VOC CONTENT	700		TOTAL GENERAL CONTENT	300
	GRAND TOTAL			1000 HRS.	