

NVEQF Scheme for Sector under Paramedical and Healthcare
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Distribution of Vocational and General Content

S.No.	SECTOR	Certificate Level	Vocational Hrs	General Content Hrs	Total Hrs
	PARAMEDICAL AND HEALTHCARE				
1.	Cardiology	I	200	780	980
2.	Neurology	II	250	780	1030
3.	Radiography	III	300	690	990
4.	Emergency	IV	300	690	990
5.	Medical Services Laboratory Operation Theter Optometry	V	500	540	1040
6.	Medical record	VI	600	500	1100
7.	Science and	VII	700	300	1000
8.	Health				
9.	information				
10.	Endoscopy				
11.	Aesthesia and				
12.	critical Care Renal Dialysis 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 <u>L_All_Vocational_Ed_PM&HC</u>	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.	INTRODUCTION TO ANATOMY	60	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 LANGUAGE II	120
2.	INTRODUCTION TO PHYSIOLOGY	60		ANY THREE PAPERS OUT OF FOLLOWING (DETAIL CONTENT AT L_3_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/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) LANGUAGE I	120
			2.	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.	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 L_All_Vocational_Ed_PM&HC	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 L_All_Vocational_Ed_PM&HC	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/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 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) LANGUAGE I	120
			2.	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.	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 L_All_Vocational_Ed_PM&HC	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 L_All_Vocational_Ed_PM&HC	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
			MULTIMEDIA 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 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)	120 120
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.	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 L All Vocational Ed PM&HC	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 PM&HC	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: EMERGENCY MEDICAL SERVICES: NVEQF/PM&HC/EMS/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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. 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/LIII

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: LABORATORY: NVEQF/PM&HC/LAB./LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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. 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: OPERATION THEATER: NVEQF/PM&HC/OT/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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. 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC BIOLOGY	60	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 LANGUAGE II	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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
			MULTIMEDIA 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: OPTOMETRY: NVEQF/PM&HC/OPT./LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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. 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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 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
				MULTIMEDIA 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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
				MULTIMEDIA 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.	

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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: MEDICAL RECORD SCIENCE & HEALTH INFORMATION: NVEQF/PM&HC/MRS&HI/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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. 1. (DETAIL CONTENT AT L_2_Language) LANGUAGE I 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: ENDOSCOPY: NVEQF/PM&HC/ENDO./LIH

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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. 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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
			MULTIMEDIA 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: ANESTHESIA AND CRITICAL CARE: NVEQF/PM&HC/A&CC/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	GENERAL CONTENT	HRS.
5.	HOSPITAL DEPARTMENTAL OVERVIEW	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_2_Language) LANGUAGE I 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	GENERAL CONTENT	HRS.
1.	BASIC BIOLOGY	60	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 LANGUAGE II	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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: RENAL DIALYSIS: NVEQF/PM&HC/RD/LII

CERTIFICATE LEVEL- II

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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	200		TOTAL GENERAL CONTENT	780
	GRAND TOTAL			980 HRS.	

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

CERTIFICATE LEVEL- III

S.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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)	120 120
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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	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.	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	GENERAL CONTENT	HRS.
5.	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
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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT 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. 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_PM&HC</u>)	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.		120
			2.	LANGUAGE I 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 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
				MULTIMEDIA 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC)	HRS.	S.NO	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
				MULTIMEDIA 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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_PM&HC</u>)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT <u>L_All_Vocational_Ed_PM&HC</u>)	HRS.	S.NO	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.NO	VOCATIONAL CONTENT (DETAIL CONTENT AT L_All_Vocational_Ed_PM&HC	HRS.	S.NO	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.	