

## B.Voc Degree Programme in Health Care

A graduate of B. Voc. in Healthcare is an all-rounder as far as patient care is concerned. The course envisages building an overall expertise in the student, of managing patients with care, whether it's an in-patient or someone in the OPD or anywhere else in the hospital. This student would be capable of offering a range of services from paediatric care to radiology or X-ray technician to physiotherapy assistant or care of patients at operation theatre.

Besides, skills related to personal care of patients, basic nursing procedures, patient ambulation and handling, store keeping, biomedical waste disposal, etc. in short we can say healthcare student manage entire patient life cycle. The need for such professionals has been expressed by not only the healthcare industry employers, but also the consumers of this industry, i.e., patients. The specialized skill training offered to the students makes them an asset not only to the doctors and nurses but the patients as well.

### Structure and Components:

- Bachelor Degree in Health Care has been framed following the guidelines of National Skill Qualification Framework (NSQF) and the B. Sc. programme of Vidyasagar University (VU).
- The B. Voc. Programme comprises of both vocational and academic components.
- Vocational or skill component of the curriculum shall be examined at the end of each semester by the Health Care Sector Skill Council (National Skill Development Corporation, Govt of India).
- Mahishadal Raj College is the only Govt sponsored college in West Bengal to become the NSDC Training Partner.
- The assessment for the General education component shall be done as per the schedule and guidelines of Vidyasagar University.



## Year wise Health Care Curriculum

First Year : NSQF Level - 5 (Diploma Standard)

SEMESTER - I	Module No	Vocational Content (Module name)	Credits/ Hours Theoretical & Practical		General Content	Hours/Credits
	1	Anatomy & Physiology	1.4	40	Communication Skill	100/6.0
	2	Pharmacy	1.7	40		
	3	Multipurpose Health Care & Community Medicine	1.00	45		
	4	Cell Biology	2.00	40		
	5	Basic Microbiology	2.7	40	Computer Skill	100/6.0
	6	Hereditary disease	2.2	20		
Terminal Competency : 1.The students get knowledge and skill about the basics physiology and anatomy. 2.Get knowledge on basic structure and function of cell which is the structural and functional unit if our body. 3 They will be familiar with the idea that what the microbes are. . 4. There are many hereditary disease in our surroundings. That will be familiar about the hereditary disease. 5.Will be familiar with composition of various basic drug and ethics of use of common drug. 6.Will get required knowledge and practice about the idea about Multipurpose Health Care & Community Medicine .						
SEMESTER - II	7	Pathology	1.4	40	Physiology	125/6.0
	8	Pharma Sales	2.7	30		
	9	Physiotherapy	1.7	35		
	10	Parasitology	3.0	25		
	11	Immunology	1.7	25	Nutrition	125/6.0
	12	Paediatric Nursing & Growth & Development	2.8	30		
	13	Med.Surg.Nursing - Orthopaedics ,E.N.T., Skin & Communicable diseases , Eye , Gynae General Med.	2.7	40		
	14	Bioinstrumentation and data handling	9	40		
Terminal Competency : 1.Get knowledge about the Differentiate between various types of immunity 2. Prepare immunization schedule chart. 3. Identify the key components of Universal Immunization Programme. 4. Describe the key components of a Universal Immunization Programme. 5. Describe the importance of immunization 6.Describe the side effects of immunization 7.Describe the various aspects of immunization schedule chart6.8. Explain the meaning of Bioinstrumentation and data handling, 9. . They will be very efficient About medical surgical nursing in different trade Immunity.						
Total Vocational Content			550/36.0		Total General Content	450/24.0
Grand Total			1000 Hrs./60.0 Credits			
Job Role after successful completion of Sem-I & II (Level-5) – Assistant pathologist, Operation Theatre Assistant, Pharmacy Assistant						



**Second Year : NSQF Level - 6 ( Advance Diploma Standard)**

SEMESTER - III	Modu le No	Vocational Content (Module name)	Hours/Credits Theoretical & Practical		General Content	Hours/C redits
	15	First Aid, Emergency & Dresser	2.7	40	Communication Skill	75/5.0
	16	Vaccination & Sterilisation	2.0	30		
	17	Medical Record Keeping	2.7	40		
	18	Basic Bio-chemistry	2.6	60	Computer Skill	75/5.0
	19	Basic Endocrinology	1.7	25		
	20	Basic Medical Nursing and Surgical Nursing	2.3	75		
Terminal Competency: 1. Get knowledge on First Aid, Emergency & Dresser. 2. Get knowledge of the Vaccination & Sterilisation. 3. Will know about the various system of record keeping in the hospital management. 4. Biochemical structure and analytical ability of different basic bio molecule as carbohydrate, protein and fat, enzyme, vitamin and hormone. 5. Come to know the uses and functions of hormone therapy, hormone structure and function.6. Main benefit of this semester is the basic theoretical and applied knowledge of surgical nursing which must help a student to do something independently in their life.						
SEMESTER - IV	21	Radiology & X-Ray Technician	2.7	45	Physiology (Elective-1)	125/7.0
	22	Operation Theatre (Technician)	2.0	40		
	23	Reproductive Biology & Family Planning	2.7	35		
	24	Introduction to Hospital Operations Introduction to Cardiac care technology	3.3	50	Nutrition (Elective-2)	125/7.0
	25	Paramedical training in cardiac care	3.3	50		
	26	Staff safety infection control	1.5	10		
	27	ECG	4.7	60		
	28	Biomedical waste	1.8	30		
Terminal Competency: 1. Will be skilled in understanding importance of Radiology & X-Ray(Technician). With this knowledge they can establish themselves as efficient X ray and radiation expertise in the market 2. Will be skilled in managing in BIOMEDICAL WASTE.. 3.Will know the different types ofECG technique and they perform ECG by their own hand. 4. Will be skilled in repairing different problems related to STAFF SAFETY INFECTION CONTROL in their working ambience.5. Will be skilled in customer handling. 6. Will be able to work as an assistant in ECHNOLOGY PARAMEDICAL TRAINING IN CARDIOLOGY MEDICINE.						
Total Vocational Content		640/36		Total General Content	400/24	
Grand Total		1040 Hrs./60.0 Credits				
Job Role after successful completion of Sem-III & IV (Level-6) – ECG Technician, Radiology Technician, Medical Record Keeper, OT Assistant						





## General Rules

### Continuous Assessment

The course is based on Choice Based Credit system as per UGC Guidelines. The 60% skill component (18 credits in each semesters) of the course will be assessed and certified by the respective Sector Skill Councils and 40% general education component will be assessed by the university on choice based credit system (12 credits in each semester). One credit will be awarded in terms of NSQF level certification which will have 60% weightage of total credits in the course in the following manner.

Name of the course	NSQF Level Certificate	Cumulative Credits
Diploma	Level - 5	36 Credits
Advance Diploma	Level - 6	72 Credits
B.Voc Degree	Level - 7	108 Credits

### Eligibility Criteria :

The minimum Educational Qualification for admission to B.Voc Courses in any of the above five stream is Higher Secondary or Equivalent (10 + 2) pass from any recognized board. Those who have successfully cleared NSQF Level – 4 (Vocational) are eligible for Direct Admission to Level 5 of B.Voc Courses.

Maximum age limit for admission to any course is 35

### Reservation Policy:

The reservation procedure is followed as per norms of Vidyasagar University.

### Fees Structure:

#### Annual Course Fee :

Sl No.	Fee Head	Amount
1	COURSE FEE	10000
2	ACADEMIC DEVELOPMENT FEE	200
3	DEVELOPMENT FEE	200
4	BUILDING FEE	200
5	ELECTRICITY FEE	100
6	NAAC FEE	40
7	FEE BOOK & IDENTITY CARD	220
8	LAB FEE	200
9	SEMINER/WORKSHOP FEE	200
10	UNIV SPORTS FEE	60
11	UNIV REGISTRATION FORM	40
12	UNIV REGISTRATION FEE	100
13	SARASWATI PUJA SUBSCRIPTION	100
14	INCIDENTAL CHARGES	40
	TOTAL :	11700

The amount is payable to “ *Deen Dayal Upadhyay KAUSHAL Kendra, Mahishadal Raj College* ” through any online mode (PayTm/ Google Pay/ NEFT etc) to *SBI A/c No: 39519103556, IFSC Code: SBIN0001298*. The above Course Fee includes University Registration Fees, Assessment and Certification Fees, Consumable Cost for practical's, re-imbursement of cost to industry partner during internship etc.)

### **Application Procedure:**

1. Application Forms for Admission to B.Voc Courses can be downloaded from College website on & from 13.05.2025 (Students of Vocational Stream and candidates have secured more than 60% in HS or Equivalent can directly fill up respective Admission Registration Form)
2. Fill up the forms with blue / black pen in capital letters. Keep no points blank
3. As per Notification from Higher Education Dept, Govt of West Bengal, “No Application Processing Fee” is required to pay along with the Application Form
4. Please scan duly filled up Application Form ( Registration Form in case of Vocational Students and candidates have secured more than 60% in HS or Equivalent) in either pdf or jpg format and send to our Email: [mrcbvocadmission2025@gmail.com](mailto:mrcbvocadmission2025@gmail.com) or whatsapp the same to : 9733038150
5. After submission of Application form applicant will receive a ‘Submission and verification’ SMS to his/her registered Mobile Number.
6. Selected Candidates will be intimated about their selection and procedure of admission by SMS to their registered mobile number and Email.

Please contact Shri Susim Payra ( Mob: 7908558567 / 9733038150) or Prof. Arnab Patra (9733216242) for any further query.

7. Merit List of the Selected Candidates will also be published in the College Website.