

# SUMANDEEP VIDYAPEETH

(Declared as Deemed to be University under Section 3 of the UGC Act 1956)

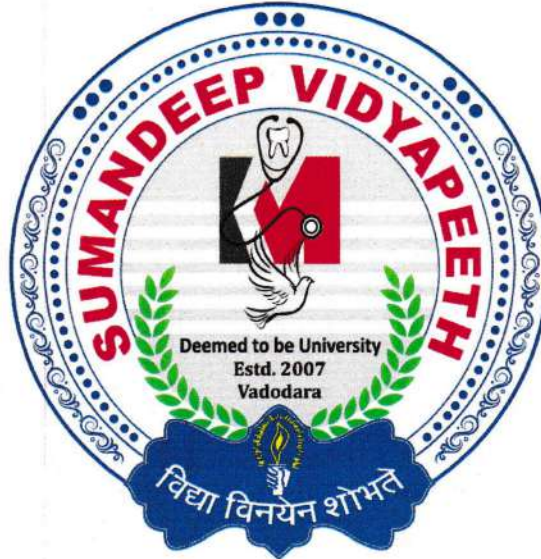
Accredited by NAAC with a CGPA of 3.53 out of four-point scale at 'A' Grade

Category – I deemed to be university under UGC Act - 2018

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CURRICULUM

## Diploma in HOSPITAL STERILIZATION/CSSD TECHNICIAN

Attested CTC

*Sharaney*  
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VIII. Piparia, Taluka: Waghodia.

Dist. Vadodara-391 760. (Gujarat)



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AMENDED UP TO DECEMBER -2020

## INTRODUCTION

### Scope

The quality of paramedical care has improved tremendously in the last few decades due to the advances in technology, thus creating fresh challenges in the field of healthcare. It is now widely recognized that health service delivery is a team effort involving both clinicians and non-clinicians, and is not the sole duty of physicians and nurses.<sup>1</sup> Professionals that can competently handle sophisticated machinery and advanced protocols are now in high demand. In fact, diagnosis is now so dependent on technology, that paramedical and healthcare professionals are vital to successful treatment delivery.

Effective delivery of healthcare services depends largely on the nature of education, training and appropriate orientation towards community health of all categories of health personnel, and their capacity to function as an integrated team, with a range of skills and expertise, play key roles within the National Health Service, working autonomously, in multi-professional teams in various settings. All of them are first-contact practitioners and work across a wide range of locations and sectors within acute, primary and community care.

### Learning goals and objectives for paramedical healthcare professionals

The learning goals and objectives of the undergraduate and graduate education program will be based on the performance expectations. They will be articulated as learning goals (why we teach this) and learning objectives (what the students will learn). Using the framework, students will learn to integrate their knowledge, skills and abilities in a hands-on manner in a professional healthcare setting.

### Program outcomes

- Clean, disinfect and distribute sterilized instrumentation and equipment to an emergency department and delivery unit, operating room and other areas of health care facilities in a scientific manner.
- Contribute to a team of central sterile processing professionals who are all working together to achieve sterility
- To prepare CSSD professionals to practice appropriate infection control protocols.

### Ethics and accountability

Students will understand core concepts of clinical ethics and law so that they may apply these to their practice as healthcare service providers. Program objectives should enable the students

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- Describe and apply the basic concepts of clinical ethics to actual cases and situations

  
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- Recognize the need to make health care resources available to patients fairly, equitably and without bias, discrimination or undue influence
- Demonstrate an understanding and application of basic legal concepts to the practice □ Employ professional accountability for the initiation, maintenance and termination of patient-provider relationships
- Demonstrate respect for each patient's individual rights of autonomy, privacy, and confidentiality

### **Commitment to professional excellence**

The student will execute professionalism to reflect in his/her thought and action a range of attributes and characteristics that include technical competence, appearance, image, confidence level, empathy, compassion, understanding, patience, manners, verbal and non-verbal communication, an anti-discriminatory and non-judgmental attitude, and appropriate physical contact to ensure safe, effective and expected delivery of healthcare.

**Eligibility criteria-** The applicant must have completed 10th Examination or Plus two or its equivalent from a recognized school board.

### **Duration of the course**

Duration of the course is 2 year and 1 year internship

### **Medium of instruction:**

English shall be the medium of instruction for all the subjects of study and for examination of the course.

### **Attendance**

A candidate has to secure minimum 80% attendance in overall with at least-

1. 75% attendance in theoretical
2. 80% in Skills training (practical) for qualifying to appear for the final examination.

No relaxation, whatsoever, will be permissible to this rule under any ground including indisposition etc.

### **Assessment:**

Assessments should be completed by the academic staff, based on the compilation of the student's theoretical & clinical performance throughout the training programme. To achieve this, all assessment forms and feedback should be included and evaluated. Student must attain at least 50% marks in each Theory, Internal assessment and Practical independently / separately for each individual subject.

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## COURSE OF INSTRUCTION

Course Name	Course Code	Theory (In hrs.) (Class and lab)	Practical (In hrs.) (Clinical)	Total (in Hours)
<b>First Year - Total Hours 420</b>				
<b>Core</b>				
Communicative English & Computer Fundamentals	CSSD101	60	60	120
Anatomy & Physiology	CSSD102	60	60	120
Departmental Organisation & Quality Procedures Basic	CSSD103	60	60	120
Basic Microbiology & Infection Control Procedures	CSSD104	30	30	60
<b>Total</b>		<b>210</b>	<b>210</b>	<b>420</b>

Course Name	Course Code	Theory (In hrs.) (Class and lab)	Practical (In hrs.) (Clinical)	Total (in Hours)
<b>Second Year - Total Hours 640</b>				
<b>Core</b>				
Cleaning & Disinfection of Medical Devices	CSSD201	60	100	160
Inspection, Assembly & Packaging	CSSD202	60	100	160
Sterilization	CSSD203	100	100	200
Storage & Distribution	CSSD204	60	60	120
<b>Total</b>		<b>280</b>	<b>360</b>	<b>640</b>

## SCHEME OF EXAMINATION

SUBJECT CODE	SUBJECTS	EXAMINATION PATTERN		
		Internal	Final	TOTAL
<b>Core Subjects</b>				
<b>First year</b>				
CSSD101	Communicative English & Computer Fundamentals	30	70	100
CSSD102	Anatomy & Physiology	30	70	100
CSSD103	Departmental Organisation & Basic Quality Procedures	30	70	100

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CSSD104	Basic Microbiology & Infection Control Procedures	30	70	100
Practical 1				100
Practical 2		Practical-	30	50
Practical 3		Viva-	10	50
Practical 4		Journal-	10	50

SUBJECT CODE	SUBJECTS	EXAMINATION PATTERN		
		Internal	Final	TOTAL
<b>Core Subjects</b>				
<b>Second year</b>				
CSSD201	Cleaning & Disinfection of Medical Devices	30	70	100
CSSD202	Inspection, Assembly & Packaging	30	70	100
CSSD203	Sterilization	30	70	100
CSSD204	Storage & Distribution	30	70	100
Practical 5				100
Practical 6		Practical-	30	50
Practical 7		Viva-	10	50
Practical 8		Journal-	10	50

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## Syllabus:

I YEAR		
1	AHS029-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS
2	AHS029-02	ANATOMY & PHYSIOLOGY
3	AHS029-03	DEPARTMENTAL ORGANISATION & BASIC QUALITY PROCEDURES
4	AHS029-04	BASIC MICROBIOLOGY & INFECTION CONTROL PROCEDURES
5	AHS029-05	PRACTICAL - I
6	AHS029-06	PRACTICAL - II
7	AHS029-07	PRACTICAL - III
8	AHS029-08	PRACTICAL - IV
<p><b>II YEAR</b></p> <p><i>Each student shall undergo training in Skill Simulation Laboratory for learning certain basic clinical skills like IV/IM injection, setting IV line, Cardio-pulmonary resuscitation (CPR), and Life support skills in the beginning of second year, for duration of continuous four days. (Board of Studies letter No.:FPMS/SV/BOS-MIN/0006/2016-17, dated 19/04/2017, and vide notification of Board of Management resolution Ref.:No. SVDU/R/2017-18/5056, dated 09/01/2018).</i></p>		
9	AHS029-09	CLEANING & DISINFECTION OF MEDICAL DEVICES
10	AHS029-10	INSPECTION, ASSEMBLY & PACKAGING
11	AHS029-11	STERILIZATION
12	AHS029-12	STORAGE & DISTRIBUTION
13	AHS029-13	PRACTICAL - V
14	AHS029-14	PRACTICAL - VI
15	AHS029-15	PRACTICAL - VII
16	AHS029-16	PRACTICAL - VIII

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## CODE OF PROFESSIONAL CONDUCT

### INTRODUCTION

The Code of Professional Conduct is designed and set out as guidance for the clinical practitioner within the relationship that exists with every patient receiving health care.

Essential to that relationship is the patient's trust in the practitioner. This trust hangs upon the patient's assurance of being the practitioner's first concern during their clinical encounter, and upon the patient's confidence that the care received will be competent, whether in diagnosis, therapy or counseling.

### STANDARD OF PRACTICE AND CARE

Patients are entitled to the highest standard of practice and care. The essential elements of this are professional competence, good relationships with patients and colleagues and observance of professional ethical obligations.

#### In providing care you must therefore:

- Recognize the limits of your professional competence.
- Be willing to consult colleagues
- Keep clear, accurate and contemporaneous patient records which report the relevant findings.
- Keep colleagues informed.
- Pay due regard to the efficacy and the prudent use of resources.
- Be competent, truthful, and accurate, when reporting on investigations.
- Be competent when giving or arranging treatment.

#### Patient's rights

- Listen to patients and respect their views.
- Treat patients politely and considerately.
- Respect patients' privacy and dignity.
- Give information to patients in a way they can understand.
- Respect the right of patients to be fully involved in decisions about their care.
- Respect the right of patients to refuse treatment or to take part in teaching or research, reporting the refusal to the person requesting the procedure.
- Respond to complaints promptly and constructively.
- Ensure that your views about a patient's life style, culture, beliefs, race, colour, sex, sexuality, age, social status, or perceived economic worth, do not prejudice the service you give.

### CONFIDENTIALITY

Patients have a right to expect that you will not pass on any personal information which you learn in the course of your professional duties, unless they agree



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