



Santiniketan Institute of Allied Health Sciences

**AFFILIATED BY STATE MEDICAL
FACULTY OF WEST BENGAL**



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ABOUT US

Santiniketan Institute of Allied Health Sciences situated at Sian, Bolpur, District- Birbhum, West Bengal, offers various Healthcare Teaching-Learning Training in multiple Paramedical Technology courses. Santiniketan Institute of Allied Health Sciences is associated with Santiniketan Medical College and is run by a team of expert healthcare professionals with proper infrastructure. The primary goal of our institute is to create sufficient number of skilled Paramedical professionals to meet up the demand of paramedics for sustainable Health service to the common people of our country. To achieve remarkable success in this field, we always put a great deal of effort by conducting many kinds of awareness programmes regularly. The institute offers several promising professional courses. The institute also gives attention to provide best quality teaching and training for our students by the support of renowned faculty and best quality technicians available in our association 'Santiniketan Medical College'. We are dedicated to maintaining a proper student feedback system and fair examinations. Our placement cell actively assists the passed-out students in our associated sectors and others. At present, the Paramedical students are also being trained in the Virtual-Reality system that we have launched in our associated institutions. Shortly, the Allied Health Sciences covers the detailed understanding of different Paramedical courses. The Allied Health Sciences use the scientific principles and most evidence-based practice for the diagnosis, evaluation and treatment of acute and chronic diseases and treat them successfully. The demand for Allied Health Sciences is increasing day by day and continues to grow in the future. There are ample career opportunities for Allied Health Science students and are highly in demand in both India and abroad. The salaries are also better for skilled Allied Health Sciences professionals.

The institution's primary goal is to prepare Allied Health Science skilled professionals to assist medical professionals across the globe.



MESSAGE FROM PRESIDENT'S DESK



M.R MALAY PIT

Santiniketan Institute of Allied Health Science will be glad to facilitate your learning and professional growth, we are in the process of developing newer generations of well-educated, competent, confident, paramedics who, in turn, will improve the health and quality of life of individuals. In our training programs we plan to offer smaller clinical groups so that each learner can receive personalized attention from faculty. Our high end digital library services offer a huge source of information through which you can enrich your learning. Once again, on behalf of the allied health science academia, faculty, administration, and staff, we look forward to welcome you to our allied health science family.

MESSAGE FROM PRINCIPAL'S DESK



Dr. TAPAN KUMAR GHOSH
MBBS, DCP, Phd (Med) Principal in Charge

Please accept my heartfelt congratulations on your decision to make career as technologist ! As you are aware you have chosen to join the most noble and rewarding profession, the profession built on dedication, personal sacrifice, and empathy. Although your educational journey may be difficult at times, you will reap the reward of utmost satisfaction when holding your diploma/degree at the end of the course and nothing will ever compare to the fulfillment, that improving and saving the lives of others will bring! As a medical professional myself and my colleagues can vouch for that.

VISION

To be the leading institute of excellence in the field of Allied Health Sciences and make exceptional Health Professionals as a tool for the well-being of mankind.

MISSION

To be the leading institute of excellence in the field of Allied Health Sciences and make exceptional Health Professionals as a tool for the well-being of mankind.



Want to Make career as Technologist Then come with Us

SI No	Course Name	Eligibility	Duration
01	DMLT -Diploma in Medical Lab	10+2 Science Stream (PCB)	2 Years +6 Months Internship
02	DOPT-Diploma in Optometry	10+2 Science Stream(PCB)	2 Years +6 Months Internship
03	DRD-Diploma in Radio diagnostic	10+2 Science Stream(PCB)	2 Years +6 Months Internship
04	DOT-Diploma in Operation Theatre	10+2 Science Stream(PCB)	2 Years +6 Months Internship
05	DCCT-Diploma in Critical Care	10+2 Science Stream(PCB)	2 Years +6 Months Internship
06	DIALYSIS-Diploma in Dialysis	10+2 Science Stream(PCB)	2 Years +6 Months Internship
07	DPT-Diploma in Physiotherapy	10+2 Science Stream(PCB)	2 Years +6 Months Internship
08	DNEP-Diploma in Neuro Electro Physiology	10+2 Science Stream(PCB)	2 Years +6 Months Internship
09	ECG-Diploma in Electro cardio graphic Technique	10+2 Science Stream(PCB)	2 Years +6 Months Internship

Admission Procedure : Candidates have to seat for the entrance examination conducted by the state medical Faculty of West Bengal ,Online application form is available on www.smfwb.in



Fees Structure of Different Paramedical

Course : Session- 2023-2025

✓ **DMLT**

✓ **D.OPT**

✓ **DIALYSIS**

✓ **DCCT**

✓ **DOTT**

✓ **DRD**

✓ **DPT**

✓ **DNEP**

✓ **ECG**

SL. NO	PARTICULAR	PRELIMINARY (1 st Year)	FINAL (2 nd Years)
1	Form and Prospectus	Rs. 500/-	-----
2	Admission Fees	Rs. 7000/-	-----
3	Tution Fees	Rs. 20000/-	Rs. 20000/-
4	Library and Magazine	Rs. 1000/-	Rs. 2000/-
5	Development Fees	Rs. 8500/-	Rs. 13000/-
6	Games / Co-Curricular Activities	Rs. 1000/-	Rs. 3000/-
7	IT Services	Rs. 1000/-	Rs. 2000/-
8	Caution Deposit (Refundable)	Rs. 1000/-	-----
TOTAL		RS. 40000/-	RS. 40000/-

DMLT: JOBS

- ✓ With the emergence of Covid and other diseases, there is huge requirement for laboratory professionals. During this disaster people started realizing the need for good health care systems.
- ✓ The government and other private sectors too, initiate developing their healthcare systems.
- ✓ While jobs scenario in many different fields see a fall, employment in this field is expected to rise 18% by 2024.
- ✓ It is estimated that the Indian health care system will create around 40 million jobs by 2030 with a net growth of 40 million dollars.
- ✓ So, there is no doubt that students who are interested in this field will get plenty opportunities.



Top Recruiters

According to various surveys, it is found that candidates who have qualified from MLT, have found great job opportunities. Some of the top recruiting fields in which they are placed are mentioned below:

- ✓ Government and private hospitals
- ✓ Pathology Labs.
- ✓ Research labs
- ✓ Blood banks
- ✓ Clinics
- ✓ Minor emergency centres
- ✓ Universities

With the Paramedical Industry multiplying, there are 'n' number of opportunities for aspirants in Medical Laboratory Technology such as

- ✓ Medical Technician
- ✓ Medical Technologist
- ✓ Healthcare administrator
- ✓ Coordinator
- ✓ Laboratory manager
- ✓ Medical Officer

DIPLOMA IN CRITICAL CARE TECHNOLOGIST (DCCT)

Critical care technologists are trained professionals who respond quickly and competently to medical emergencies. When entering an accident, a critical care technician quickly evaluates the problems and helps patients with medical aid. The course is designed to provide students with the opportunity to deepen their clinical and theoretical knowledge. Critical Care Nurses serve patients in ICU or other intensive care setups by applying advanced nursing knowledge and skills. They take strong leadership and advanced communication within the workplace and practice.



Career prospect

The professionals can give Basic Life Support (BLS) and Advanced Cardiovascular Life Support (ACLS) immediately to save the patient's life and immediately shift patients on an urgent basis to the concerned hospital. The professionals learn the proper techniques to aid in saving the patient's life. Critical care technicians are the first responders in case of emergencies. They are specially trained to serve patients with heart attacks, poisoning, snake bite, falls, gunshot wounds, assaults, and Road traffic accidents (RTA). A critical care technician generally works outdoors and indoors regardless of any weather condition. There are enormous job vacancies as critical care technician, critical care nurse, ICU critical care technicians all over India and abroad both.

Diploma in Optometry (DOPT)

Optometry includes eye-related structures, as well as vision, visual systems & vision information. Diploma in optometry course applicants are familiar with inspection and analysing of numerous refractive conditions and oversee Optical guides, such as Optical Glasses, Contact lenses and other Remedial guides. The main objective of the course is to produce trained ophthalmic professionals for rendering eye care services including eye-health, diseases, diagnosis and treatment of the human eye.

CAREER AS OPTOMETRIST

This diploma programme is a career-oriented course and provides students with various employability skills in the medical and healthcare sector. They can work on a free idea by setting up their own eye facility, optical shop, lens manufacturing unit and so forth. The scope of a diploma in optometry is huge. Optometrist could join as a **Sales Executive, Optometry Technician, Sales Executive.**

TOP RECRUITERS

- Medtronic
- Stryker
- Scripps Health
- Philips
- Amway
- Max Healthcare
- Fortis
- Medanta
- Tata Memorial
- Apollo



DIPLOMA IN DIALYSIS TECHNIQUE

The Diploma in Dialysis focuses on the overall management, use, discharge, and operation of dialysis machines. Dialysis is defined as the process to purify and filter the blood and remove excess water, solutes, and toxins from the human kidney through an artificial manner followed by medical equipment or machinery. The students are taught the proper usage of dialysis machines as well as the dialysis technique on the whole. The students are able to identify the major treatment options for end-stage renal disease. Furthermore, the paramedical diploma accelerates the professional and technical growth of the students. Moreover, the students are taught the usage of recent Virtual Reality technologies and become confident and empower their skills during lab practical. Student could easily interpret clinical data by themselves. The salary of a Dialysis Technician depends on certain factors including the hospital, its location, its status and the position you're applying for. Passing out students have plenty of options to choose to work as a Lab assistant, Dialysis in charge, Medical Assistant, Skill Trainer and Unit Supervisor at dialysis centres, multispecialty hospitals, and nursing homes as well as clinical research organizations.



DIPLOMA IN OPERATION THEATER TECHNOLOGY (D. OTT)

Diploma in operation theatre technology is a 2-year full time paramedical diploma program designed to build a trained and qualified professional who will assist medical professionals (Doctors, surgeons) in the operation theatre of hospitals, intensive care units (ICU) as well as emergency departments. The students are educated with various diagnostic equipment like ventilators, defibrillators, monitors, heart rate monitors etc. Students get training on infection monitoring skills and knowledge and other procedures in the operation theatre. They learn proper protocols and procedures through which they can assist various Doctors in the operation theatre such as anaesthesiologist, nurses etc.



CAREER PROSPECT

Operation Theatre Technicians work closely with the operation unit comprising surgeon, nurse, and anesthesiologist in the O.T to maintain the workflow of Operation Theatre. Their main function is to manage the operation theatre during and after procedures including looking after all the surgical instruments, their sterilisation, and preparation of operation theatre table, since Surgery is completed with the combined effort of the team, and not only by one person. They have to protect the operation theatre from any Hazards.

DIPLOMA IN PHYSIOTHERAPY (DPT)

Diploma in Physiotherapy (DPT) is a 2-Year professional paramedical course that is pursued by candidates who wish to treat patients with physical disabilities or injuries. The courses also teach the candidates about the various rehabilitation techniques to treat the patient the patients could back normal lifestyle.



CAREER PROSPECT AS PHYSIOTHERAPIST

Students can get easily jobs in Health Institutions, Defence Medical Organizations, Orthopaedic Departments in a Hospital, Rehabilitation Centre, College & University, Pharma Industry, Sports physio Rehabilitator after completion of DPT Course. They could able private practice as a Therapy Manager.

DIPLOMA IN RADIO DIAGNOSIS (DRD)

This program is a Radiography course that includes technological studies on MRI, X-ray, and CT scan along with various specialties of radiology. These tests are conducted to diagnose a patient for treating the disease.

- ✓ Students gather basic knowledge in various subspecialties like Neuro-radiology, GI-radiology, Uro-radiology, Vascular-radiology, Intervention, Emergency, and Paediatric Radiology, Musculoskeletal, and Mammography.
- ✓ This course also explains on diseases like Cancer.

CAREER PROSPECT

Students have chance to go for higher studies in future like MS in Radiology. They would become a professional Radiologist and interpret various diagnostic/ interventional imaging studies. The candidates can get the following job roles as Radiographer, CT Scan Technologist, Radiologist Associate Professor at Nursing Homes, Diagnostic labs, Hospitals and so on.

DIPLOMA IN NEURO ELECTRO PHYSIOLOGY

Clinical physiologists (neurophysiology) work closely with patients of all ages to investigate the function of the nervous system in order to diagnose and monitor neurological disorders, including epilepsy, strokes, dementia, nerve and muscle dysfunction and multiple sclerosis.

CAREER PROSPECT OF THE COURSE CLINICAL DIAGNOSIS

NeuroElectro physiologists play a critical role in diagnosing neurological disorders such as epilepsy, sleep disorders, and movement disorders.



DIPLOMA IN ELECTRO CARDIO GRAPHIC TECHNIQUE

An electrocardiogram (ECG or EKG) records the electrical signal from the heart to check for different heart conditions. Electrodes are placed on the chest to record the heart's electrical signals, which cause the heart to beat. The signals are shown as waves on an attached computer monitor or printer.

CAREER PROSPECT OF THE COURSE

Electrocardiogram (ECG) technicians use special devices and medical techniques to record the electrical impulses transmitted by a patient's heart. Data collection and analysis of ECGs by electrocardiogram technicians helps doctors, nurses and other healthcare professionals diagnose a patient's disease.



OUR ENDEVOURS



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