



[SANJEEVNI INSTITUTE OF PARAMEDICAL SCIENCES]

[Recognised by Bharat Sevak Samaj “A NATIONAL DEVELOPMENT AGENCY SPONSORED
BY THE PLANNING COMMISSION, GOVERNMENT OF INDIA ”]



Regd Office:

907, Industrial Area Phase II, Chandigarh.

Campus:

V & PO Garhi, Tehsil Raipur Rani Disst, Panchkula.

Contents

1	Profile	3-3
2	Objective	4-4
3	Infrastructure	5-5
4	Detail of Courses(Elligibility,fees & Duration)	6-16
5	Visiting Experts	17
6	Rules & Regulations	17-21



Sanjeevni

Profile:

The trust has been conceived to impart world class education in the medical/allied sciences, to manage and open charitable hospitals/diagnostic centers, holding free medical camps, giving scholarships to poor needy students and to provide help to persons affected by natural calamities like earthquake, flood, etc.

In country like India where there is a high rate of unemployment these courses are designed to provide immediate employment to the candidates. The Principal Trustee Mr. S.K. Aggarwal is an importer of high tech medical equipments like MRIs, CT Scanners, Color Doppler's and Mammography units etc and is a MD of the M/s Biomex Instruments (P) Ltd; based at Chandigarh. He travels abroad frequently and understands that the employment avenues are growing globally for paramedical personnel's. The trust unlike other institutes in India has its own equipments like CT scan, X-Ray, and ECG for practical training of its students. Trust is affiliated with Govt. of India through BSS (a nodal agency under Planning Commission).The campus is situated away from the polluted city environment and has indoor modern facilities.

Objective

The area of Paramedical Science to enable our training programme to meet the global challenge. Our experience and outreach in the Information Technology is well accepted. The mix of Paramedical Education and Information Technology on par with the higher learning strategies of the competing world is our focus at present.

In this respect it is pertinent to note that the society today is at the doorstep of a global challenge. As a nation we have gone ahead in many respects. But there are still areas, which demand attention, care and concern. The area identified by our think-tanks are " global standards in Paramedical education and training.

The institute aims to provide trained, qualified, technical personnel in the field of Paramedical Science to support the medical profession.

The objective of the Paramedical Science education programme is to ensure that educational opportunities for development of skills. The emphasis of the Paramedical Science education programme is on developing a cadre of small entrepreneurs, especially from amongst girls, women, SCs, STs, rural youth.

This programme conceived as "Total Employment Training for Total Development", focuses on the concept of turning the unskilled to the skilled

Sanjeevni

Infrastructure

Top class infrastructure plays a prominent role in the success of any educational institute these days. The institute has its own double storey building in 4 acres of land with covered area of 20,000 sq.ft.

Class Rooms

It includes spacious, well ventilated class rooms. All rooms are equipped with comfortable sitting facilities and as well as adequate teaching aids like black board, display board, seating capacity of each room is sixty students.

Laboratories

The institute has different laboratories. All these laboratories will be well equipped not only as per Indian Paramedical Council norms but will be of International Standards.

Library

The library is fully air conditioned equipped with over 2000 books. The institute aims to facilitate production & dissemination of knowledge, information, insights & intellectual contribution in all areas of education.

Computer Labs

The highly modernized computer lab has been developed in the institute only for the students.

Other Facilities

The electricity and water supply is constant around the clock. Electricity failure, if any, is managed with generator. The institute has power generator of 125 KVA to ensure uninterrupted power supply. Safe drinking water through Aqua guards and water coolers.

Details of Courses

1. MRI Technician:

Course Overview:

An MRI technician, also called a radiological technician, Magnetic Resonance (MR) technologist or a radiographer, operates the Magnetic Resonance Imaging (MRI) machine. The MR technologist uses the MRI machine to create three-dimensional images of an area of concern to help physicians identify medical issues. MRI technicians work with machines that produce high levels of radiation. The technician must follow proper procedures to protect patients, co-workers and themselves from unnecessary exposure to radiation. In addition to operating complex medical equipment, the MRI technician prepares the patient for the procedure, keeps detail record of radiation exposure and maintains equipment in proper working order. The radiographer must be able to effectively communicate with patients and doctors.

Duration of Course:

1 Year.

Entry Qualification:

Passed 12th examination or 10th passed with the one year working experience in X-Ray/ CT Scan.

2. CT Scan Technician:

Course Overview:

CT Technicians operate computerized tomography (CT) equipment that produce the images of patients' internal organs and tissue used in diagnosing medical conditions. CT Technicians also prepare patients, explain procedures, administer the contrast material used during procedure and position patients correctly to capture the appropriate physician requested images. CT Technicians work in hospitals and private doctor's offices.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

3. Dialysis Technician:

Course Overview:

Thanks to modern dialysis technology, those with kidney failure are able to receive treatments that can help them survive until a transplant or another treatment becomes available. Medical assisting professionals, known as dialysis technicians, work alongside a nurse or other health care professional to operate dialysis machines. Nursing professionals and physicians rely upon dialysis technicians to communicate with patients, prepare equipment, record results and more.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

4. Physiotherapist:

Course Overview:

Physiotherapists help and treat people of all ages with physical problems caused by illness, accident or ageing. Physiotherapy is a healthcare profession which sees human movement as central to the health and well-being of individuals. Physiotherapists identify and maximize movement potential through health promotion, preventive healthcare, treatment and

rehabilitation. The core skills used by physiotherapists include manual therapy, therapeutic exercise and the application of electro-physical modalities. Physiotherapists also have an appreciation of psychological, cultural and social factors which influence their clients.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

5. X-Ray Technician:

Course Overview:

A Basic X-Ray Technician Certificate Program prepares students for careers in hospitals and clinics performing radiologic exams using X-Ray and diagnostic imaging equipment. Radiology technicians work with patients during ultrasounds, mammograms and other radiographic procedures. X-Ray technicians ensure the safety and comfort of their patients while operating imaging equipment in accordance with good practices in the radiology field.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

6. Medical Lab Technician:

Course Overview:

Diagnostic play prominent role in the field of medicine. Without proper diagnostic, proper conclusions regarding medical treatment/ surgery can not be obtained. Similarly preparation of reagents of purest quality is also essential. Thus medical lab technician course is attaining importance. Clinical studies in the fields of medicine, pharmaceutical industries, nutrition etc. also require the technicians. The medical laboratory technician course is designed to train manpower to carry out medical laboratory technical work.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

7. Cardiac Technician(E.C.G/T.M.T):

Course Overview:

Electrocardiograph (EKG or ECG) Technicians operate equipment that records and measures heart activity. These measurements are used to assist cardiologists and other physicians in diagnosing and treating cardiac (heart) and peripheral vascular (blood vessel) problems. An EKG technician first obtains a patient's medical history and medication use. Then they prepare a patient by attaching electrodes to the chest, arms, and legs. These electrodes will measure trace electrical impulses transmitted by the heart in order to obtain a printout that can be used by the physician. These tests are often done as part of routine examination before surgeries, especially on older patients or those that have a history of cardiovascular problems. With additional on-the-job training or experience, EKG technicians may specialize in areas such as cardiac catheterization, Holter monitoring, phonocardiography, stress testing, and vectorcardiography.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

8. Naturopathy and Yoga Science:

Course Overview:

The development and promotion of Yoga and Naturopathy could not be attained as expected at par with other Ayurveda, Yoga & Naturopathy due to the great dearth for the qualified manpower in these disciplines. In this course, the students are offered to study diverse holistic treatment modalities which are drugless ones along with the basic sciences. Naturopathy is a medical philosophy and practice that seeks to improve health and treat disease chiefly by assisting the body's innate capacity to recover from illness and injury. Naturopathic practice may include a broad array of different modalities, including manual therapy, hydrotherapy, herbalism, acupuncture, counseling, iridology, aromatherapy, nutritional counseling and so on. Yoga is an ancient science which helps in overall personality development and is an effective tool in prevention of diseases and maintaining health. With its very basic concepts of equilibrium between body and mind, the global scientists in medicine have approved this system as a healing science. The integral approach of yoga therapy brings balance at the physical, mental, emotional and spiritual levels.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

9. Bio-Medical Equipment Technician:

Course Overview:

A **biomedical equipment technician (BMET)** is a highly skilled technologist that ensures that medical equipment is serviceable, safe, and properly configured. They are employed by hospitals, clinics, private sector, and the military. These men and women install, inspect, repair, calibrate, and modify biomedical equipment and support systems. BMETs educate and advise staff and other agencies on theory of operation, basic physiological principles, and safe clinical application of biomedical equipment maintaining the facility's patient care and medical staff equipment.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

10. E.E.G & E.M.G Technician:

Course Overview:

EEG technicians are responsible for interviewing patients regarding their medical histories, educating about procedures and helping alleviate anxiety. The EEG test takes about thirty minutes, during which time the EEG technicians stimulate brain activity by flashing lights before patients' eyes or asking them to breathe deeply for a few minutes. The EEG technician then prepares the report for interpretation and may perform a number of other tasks, such as making appointments, ordering supplies and maintaining the equipment and examination room. Measures electrical activity in peripheral nerves, using electromyography (EMG) instrument, for use by physician in diagnosing neuromuscular disorders: Explains procedures to patient to obtain cooperation and relieve anxieties during test. Rubs electrode paste on patient's skin to ensure contact of electrodes. Attaches surface recording electrodes to extremity in which activity is being measured to detect

electrical impulse. Attaches electrodes to electrode cables or leads connected to EMG instrument and selects nerve conduction mode on EMG. Operates EMG instrument to record electrical activity in peripheral nerves. Presses button on manually held surface stimulator electrode to deliver pulse and send electrical charge along peripheral nerve. Monitors response on oscilloscope and presses button to record nerve conduction velocity. Measures and records time and distance between stimulus and response, manually or using computer, and calculates velocity of electrical impulse in peripheral nerve.

Duration of Course:

1 Year.

Entry Qualification:

Passed 10th class examination.

11. Panchkarma:

Course Overview:

Panchkarma is the purification and detoxification measure of Vata, Pitta, Kapha ie. Aggravated doshas (toxins) comprising five cleansing procedures in the body. The five elements are space, air, fire, water and earth. Vata is concern with space and air. Pitta is concern with fire, Kapha is concern with water and earth. For balancing the Vata doshas, Basti therapy (medicated enema), for balancing Pitta doshas virechana (colonic irrigation) and for balancing Kapha doshas Vamanam (medicated vomiting), Nasya Karma, Sirovirechana has been performed along with assessor treatments completed in 7, 14, 21 or 40 days.

Duration of Course:

1 Year.

Entry Qualification:

Passed 12th class examination.

1. Diploma in Radiography:

Course Overview:

Radiological science and technologies is an area of the medical and health care industry involving patients and radiology. Radiologic technologists and technicians work with physicians and perform radiological procedures on patients. They may perform x-rays, operate diagnostic machines, and prepare patients for radiological examinations. Diagnostic radiologic technologists employ a range of sophisticated equipment to produce high quality images, with the least amount of radiation to the patient, so that doctors and other health care professionals may better diagnose and treat an injury or disease. Radiologic Technologists use their expertise to assess the patient, develop optimal radiographic techniques and evaluate resulting radiographic images to determine if additional images are warranted. They do this while taking into account the patient's physical, emotional and mental ability and the nature of injury or disease suspected or present.

Duration of Course:

2 Year.

Entry Qualification:

Passed 10th class examination.

2. Diploma in Dialysis:

Course Overview:

Dialysis Technicians operate machines that remove waste and excess fluids from the blood of patients whose kidneys can no longer carry out those functions. Dialysis technicians are also referred to as renal dialysis technicians, hemodialysis technicians, or nephrology technicians. They work under the supervision of physicians, primarily in hospitals and clinics. Dialysis technicians must fully understand the operation of the kidney dialysis machines. They are responsible for their operation, cleaning, and sterilization. Dialysis technicians carefully monitor and record weight and vital signs before, during, and after the blood cleansing procedures.

Duration of Course:

2 Year.

Entry Qualification:

Passed 10th class examination.

2. Diploma in Medical Equipments:

Course Overview:

A medical equipment technician associate degree prepares students to run, repair and assume responsibility for various types of machinery, such as echocardiograms. The degree program focuses on the technologies that make these pieces work and what is needed to keep them running optimally. The degree will instill the technical knowledge to go into a variety of fields, including equipment repair for other industries. Additionally, with time, and possibly additional training, graduates can go onto managerial positions within this or a related field. To complete a degree in medical equipment, students will have to learn about both the technology and the medical elements to diagnostic machinery.

Duration of Course:

2 Year.

Entry Qualification:

Passed ITI Diploma.

3. Diploma in Cardiology:

Course Overview:

With changing life style there has been increase in coronary diseases. This has lead to increase in cardiology institutes and care units. Each Cardiology department has costly equipments like E.C.G, Cardiac monitors, Treadmill equipment for (exercise testing) 2D Echo Cardiogram (for anatomic study of heart) & Holter's monitor (for 24 hours ambulatory cardiogram). Machines/Equipments mentioned above would not deliver any good if they were not run by trained technician. Therefore, Cardiology department with special emphasis on I.C.C.U where critical heart attack patients are managed, requires highly trained Doctors and Para Medical staff trained Cardiology Technicians around the clock. Students will be trained on ECG machines, stress test system, Treadmill Test(TMT), Echocardiography, Cardiac monitors , Non-invasive blood pressure monitor, Pulse oxymeters, capneographs, invasive blood pressure monitors, Pace makers, Cardiac catheterization, Ventilators etc.

Duration of Course:

2 Year.

Entry Qualification:

Passed 10th class examination.

5. Diploma in Physiotherapy:

Course Overview:

Physiotherapy means physiotherapeutic system of medicine which includes examination, treatment, advice and instructions to any person preparatory to or for the purpose of or in connection with movement dysfunction, bodily malfunction, physical disorder, disability, healing and pain from trauma and disease, physical and mental conditions using physical agents including exercise, mobilization, manipulation, mechanical and electrotherapy, activity and devices or diagnosis, treatment and prevention. However, various other health professionals (e.g., Chiropractic, Osteopathy) use some physical therapeutic methods. A program of physical therapy will typically involve caregivers. Physiotherapist utilize an individual's history and physical examination in diagnosis and treatment, and if necessary, will incorporate the results of laboratory and imaging studies. Electro diagnostic testing (e.g. electro myo grams and nerve conduction velocity testing) may also be of assistance. PTs practice in many settings, such as outpatient clinics or offices, inpatient rehabilitation facilities, extended care facilities, homes, education or research centers, schools, hospices, industrial workplaces or other occupational environments, fitness centers and sports training facilities.

Duration of Course:

2 Year.

Entry Qualification:

Passed 10th class examination.

Visiting Experts

The institute is proud of getting full co-operation from the leaders of Diagnostics, Well qualified Radiologist, Pathologist & Physiotherapist. They will be invited to hold discussions with the students in the matters related to practical and theoretical training, research and management.

RULES AND REGULATIONS

ADMISSION PROCEDURE:

Every student has to submit duly filled admission form in his/her own handwriting (enclosed herein this prospectus). Original testimonials have to be brought at the time of admission along with attested photocopies,

Candidates applying from J&K State must submit at the time of admission, original bonafide domicile and character certificate issued by concerned authorities.

PAYMENT OF FEE:

The fee is payable through Bank Draft favoring SANJEEVNI MEDIC MISSION payable at Chandigarh Regd. Office or directly at the college situated in GARHI.

The fee paid at the time of registration will be further adjusted in the semester fee. A student will not be allowed to sit for examination unless the fee has been fully paid by the due date.

The fee includes examination fee, development fee, library fee, study material, practical, chemicals, sports, cultural function, community health service,

DRESS CODE:

Students must follow the norms prescribed by the Institute for dress, both for summer and winter. White coat is mandatory for all students in the Institute's campus.

APPLICATION FORM:

All application for admission must be made on prescribed forms only duly filled in with necessary mark sheet, certificate, and testimonials within week's time.

IDENTITY CARD:

An identity card will be issued to all the students and they are to bring it along with them to the Institute on all working days .Duplicate card can be issued against payment of Rs 50/-

PROGRESS REPORT:

Progress report of each student will be sent to his/her parents/guardian after every interval test and result of final examination will be sent by post.

ABSENCE FROM CLASSES:

All the students have to fulfill the minimum criteria of attendance. A student who will be absent for more than three days on account of sickness , should submit a medical certificate from a regd. Medical practitioner .

WORKING TIME:

A student will attend classes /practical's from 09:00am to 1:00pm. The timings , however, can be changed by the Management .

VACATION AND HOLIDAYS:

The Institute will remain closed on all holidays observed by the Central and State Govt. the vacation dates will be intimated to the students through notice board .

DISCIPLINE:

Punctuality, regularity and proper uniform, polite behavior and good conduct are expected from all students. This Institute maintains absolute discipline. Violation of rules will result in severe disciplinary action.

Without prejudice to the generality of power to enforce discipline, the following shall amount to indiscipline and misconduct:

1. Any physical assault or even threat to use physical force against any student or any other member of the Institute (both teaching or non-teaching) within the Institute's premises.
2. Carrying of weapons or threat of using them.
3. Any violation of the provision of the Civil Rights Protection Act, 1976.
4. Any gesture, posture or verbal remark, which is otherwise derogatory to women .
5. Any attempt to bribery for illegal gains or any other corruption of any means.
6. Willful destruction of , damage to or defacing of Institute property or causing any disruption in any manner to the normal functioning of the Institute .
7. Creating ill-will or intolerance on religious, political or communal grounds.
8. Smoking, use of alcohol/ prohibited drugs is strictly prohibited inside the campus and hostel. The student found indulging in such acts would be immediately struck off from the rolls of the Institute.

ATTENDANCE:

1. The name of any student absenting himself/herself, without any valid reason or without written permission from concerned authorities, for a period of 6 working days from the class, will be struck off from the Institute roll. However he/she will be permitted to attend the classes by paying re-admission charges as applicable from time to time.

Any student who

- a) Is irregular in attendance
- b) Fails to show anticipated progress or due diligence in academics.

c) Is a habitual non-performer.

Is liable to have his/her name struck off from the Institute. Management reserves the sole discretion of re-admission. In such cases, the recommendation of respective class teacher/H.O.D's for extra coaching to the students would solely lie with the management or its designated officers. It would be mandatory for the student to undergo such recommended extra coaching and show required results.

2. The progress of the student will be communicated to their parents/guardian regularly by the media of their choice.

3. All students will necessarily attend their internal exams conducted by the Institute. Parents/Guardians are requested to pay regular and proper attention to the progress of their children and must meet Principal or any other designated officer as and when called for, in the interested of their ward.

4. The students will attend Institute in the uniform code given in the prospectus. It is mandatory to attend the Institute in the uniform code and also in the time. Defaulters in this regard would be penalized according to the rules framed from time to time.

5. All students, while entering the Institute must have their name plates clipped in a proper place and should carry their identity cards issued by the institute on person while in the campus.

6. Any misconduct or misbehavior in the institute/hostel campus or outside shall be viewed seriously. Pasting of any kind of notice or poster within the institute or defacing its property is not allowed . the students are forbidden to communicate with any outside authority directly or indirectly regarding matters of institute . all such communications must be submitted through the Principal ,who will forward to the office of the Chairman.

7. The Institute does not hold itself responsible for any dents or financial deals struck by the students or their parents/guardians.

8. The students are not allowed to loiter about without purpose in the college premises. They are advised to avail the library facility during their free periods.

9. If students lose or any type of damage to any library property they either arrange to replace it with new one at their own cost within 1 month of the loss or pay double the price of the book.

10. Students will have to pay for all damages caused by them to the books, equipments, instruments or any other Institution property.

11. Students are advised to maintain the decorum of the Institution in the real spirit.

12. Students are not allowed to use the Institute/office telephone for private use.

13. Ragging in any form, is strictly prohibited, both within and outside premises of the Institute or collective act or practice of ragging constitutes gross indiscipline shall be dealt with strictly.

14. Mobile phones shall not be allowed in the academic block, administrative block and library.

15. Matter not covered by the above rules will fall entirely within the absolute discretion of the management of the Institute only.

All disputes would be subject to jurisdiction Chandigarh only.