

DHANARUA SCHOOL OF NURSING & PARAMEDICS



Prospectus



Our Objectives

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 opportunity for development of skills. The emphasis of the paramedical science education programme is on getting employed in government or in private sector and developing a cadre of small entrepreneurs, especially from amongst girls, women, sc/st and rural youth as well. So, this programme conceived as "Total employment training for total development", focuses on the concept of turning the unskilled to the skilled.

In this respect it is pertinent to note that the society today is 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 tank is "Global standards in paramedical education and training".

The area of paramedical science to enable our training programme to meet the global challenge. Our experience and outreach in providing technical education is well accepted. The mix of paramedical education and technology on with the higher learning strategies of the competing world is our focus at present.



**Grow Your
Employability manifold**





INFRASTRUCTURE

Top class infrastructure plays a prominent role in the success of any educational institute these days. The institute has its own four storey building with covered area of 40.000 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.

Training

During the training the Institute provides complete theoretical and practical training at the Institute itself while a field practical training for six months is provided at various potential hospitals of Patna after completion of the second academic year to all students only without any charges depending upon the hospital. In case if any charges are to be taken by the hospital for the training, it is to be deposited directly at the hospital or through the Institute separately .

Laboratory

The institute has different laboratories. All these laboratories are well equipped not only as per norms but are of the International Standards.

Library

The library is fully air conditioned equipped with over 5000 books. The institute aims to facilitate production & dissemination of knowledge, information, insights & intellectual contribution in all areas of medical education.



Bachelor in Physiotherapy



Duties

Diagnose patients, dysfunctional movements by watching them stand or walk and by listening to their concerns, among other methods.

Use exercises, stretching maneuvers, hands-on therapy, and equipment to ease patients' pain and to help them increase their ability to move

Evaluate a patient's progress, modifying a treatment plan and trying new treatments as needed.

Educate patients and their families about what to expect during recovery from injury and illness and how best to cope with what happens



What do Physiotherapists do

Physiotherapists, sometimes referred to as PTs, help people who have injuries or illnesses improve their movement and manage their pain. They are often an important part of rehabilitation and treatment of patients with chronic conditions or injuries. Physical therapists provide care to people of all ages who have functional problems resulting from back and neck injuries: sprains, strains, and fractures; arthritis amputations: stroke: birth conditions, such as cerebral palsy: injuries related to work and sports: and other condition

Work Environment

The work of physical therapists varies with the type of patients they serve. For example, a patient suffering from loss of mobility due to Parkinson's disease needs different care than an athlete recovering from an injury. Some physical therapists specialize in one type of care, such as pediatrics (treating chil-dren) or sports physical therapy.

Course On Offer

Bachelor of Physiotherapy (B.Ph.T)

Course Duration:- 4 Years 6 Months

Eligibility:- A passed in I.Sc./ 10+2 or equivalent examinations with Biology from recognized board is eligible.

Core Course of Study

First (1½ Years) of B.Ph.T

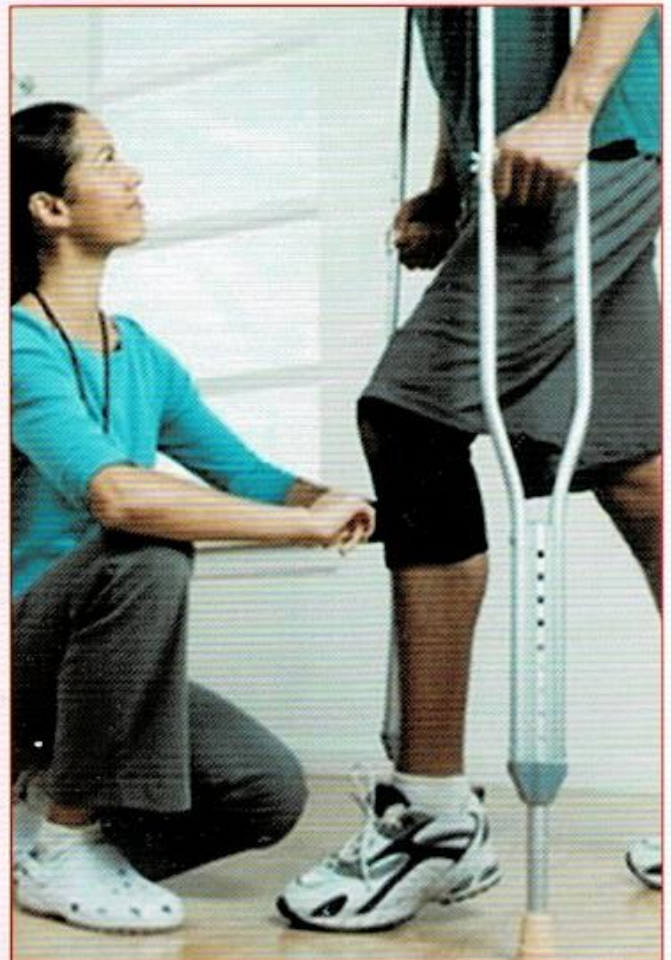
1. Human Anatomy
2. Human Physiology
3. Movement & Manipulation and Biomechanics
4. Pathology
5. Bio-Chemistry & Bio-Physics

Second (1½ Years) of B.Ph.T

1. Medicine
2. Surgery
3. Pharmacology
4. Exercise Therapy
5. Medical Electronics & Electrotherapy
6. General & Social Psychology

Final (1 Year) of B.Ph.T

1. Physiotherapy in Medicine
2. Physiotherapy in Surgery
3. Rehabilitation & Therapeutic Mgt.
4. Applied Mathematics & Statistics
5. Psychiatry
6. Orthotic & Prosthetic



Bachelor in Medical Laboratory Technology



Duties

Analyze body fluids such as blood, urine, and tissue samples to determine normal or abnormal findings

Collect and study blood samples for use in transfusions by identifying the number of cells, the cell morphology or the blood group, blood type, and compatibility with other blood types

Operate sophisticated laboratory equipment such as microscopes and cell counters

Use automated equipment and computerized instruments capable of performing a number of tests at the same time

Log data from medical tests and enter results into a patient's medical record



What do M.L. Technician do

medical laboratory technicians and Technologists collect samples and perform the tests to analyze body fluids, tissue, and other substances. Medical laboratory personnel are trained to work with infectious specimens or medical hazards. When they follow proper methods and protection to control infection and sterilize equipment, few hazards exist. They usually wear protective masks, gloves, and goggles for their safety and protection as well as their patients.

Work Environment

Medical laboratory personnel work in a dynamic and evolving environment, and use a variety of complex instrumentation to produce medical data in a rapid, accurate and precise fashion. Hospitals and private clinical laboratories are the primary work environments for Medical Laboratory Technologists. Other opportunities exist in public health laboratories, research, and educational settings.

Course On Offer

Bachelor in Medical Laboratory Technology (B.M.L.T.)

Course Duration:- 4 Years 6 Months

Eligibility:- A passed in I.Sc. / 10+2 or equivalent examinations with Biology from recognised board is eligible.

Core Course of Study

First Year of B.M.L.T

1. Human Anatomy
2. Physiology
3. Pathology
 - a. Micro-Biology
 - b. Bio-Chemistry
4. Communication Skills (English)
5. Computer Skills

Second Year of B.M.L.T

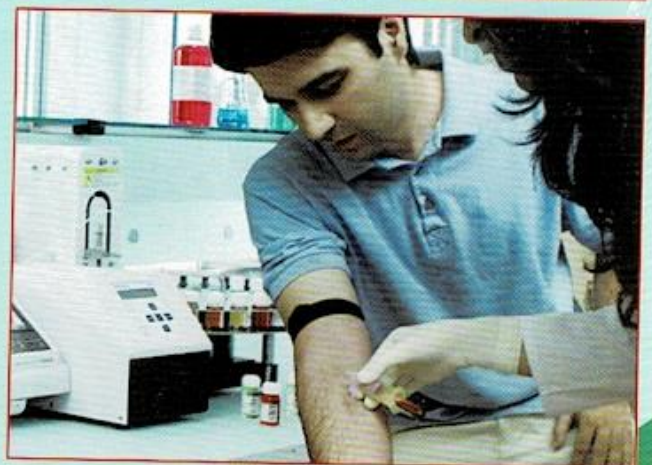
1. Pathology
 - a. Micro-Biology
 - b. Advance Pathology
3. Bio-Chemistry
4. Computer
5. Public Health

Third Year of B.M.L.T

1. Medicine
 - a. Micro-Biology
 - b. Bio-Chemistry
3. General Pathology
 - a. Pharmacology
 - b. Hospital Waste Management

Final Year of B.M.L.T

1. Clinical Pathology + Toxicology
2. a. Micro-Biology
 - b. Bio-Chemistry
3. Lab Management
4. Project Work
 - Medical Laboratory Technology



Medical Dresser



Duties

Assessment of Wounds

Management of Wounds

Cleaning of Wounds

Closures of Wounds

Core Course of Study

1. Life Science (Anatomy & Physiology)
2. Dressing, Medical Instruments, Chemical Solution and Sterilization
3. Pharmacology
4. a. Practical
b. Viva



What do Medical Dresser do

Medical dressers apply a number of different dressings and techniques available for managing, healing and for preventing further damages to the wounds. The majority of wounds handled by them are of acute trauma or surgical wounds. They design dressing in such a way that it remain direct contact with the wound, which makes it different from a bandage, which is primarily used to hold a dressing in place. Dressings are frequently used in first aid and in nursing.

Work Environment

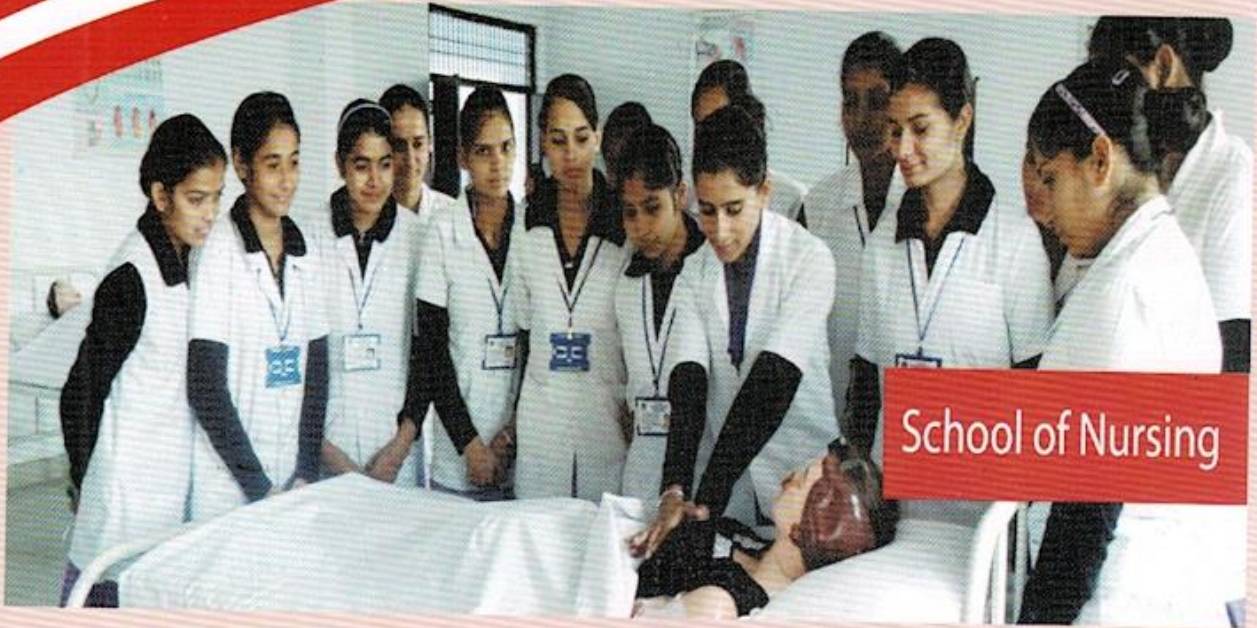
In modern society with fast life and livelihood, medical dressing clinics has become matter of essential public requirement at every road crossing and densely populated habitation. Medical dressers are the first medical-aid provider as doing very good private and independent practice without having very big infrastructural investment. Along with the above self employment options medical dresser are in great requisition in every medical organisation, private medical clinic, nursing home and hospital.

Course On Offer

Certificate in Medical Dressing (C.M.D)

Course Duration:- 1 Year

Eligibility:- A passed in Matric or equivalent examinations from recognised board is eligible.



School of Nursing



Bachelor of Hospital Management



Duties

- Improve efficiency and quality in delivering healthcare services.
- Ensure that the facility in which they work is up to date on and compliant with laws and regulations.
- Recruit, train, and supervise staff members.
- Manage the finances of the facility, such as patient fees and billing.
- Create work schedules
- Prepare and monitor budgets and spending to ensure departments operate within funding limits.
- Keep and organize records of the facility's services, such as the number of inpatient beds used.
- Communicate with members of the medical staff and department heads



What do Hospital Managers Do:-

On the business end, Hospital managers establish policies and frameworks, manage human resources, allocate budgets and other financial resources, submit reports, and maintain and manage IT systems and databases. This includes engaging and following up with, and drawing up contracts for vendors, suppliers, contractors, and insurance companies.

On a medical front, managers of all levels coordinate with doctors, physicians, nurses, surgeons, health information technicians, pharmacists, and other professionals to ensure patient quality care, treatment, and rehabilitation. Managers draw up schedules and address specific needs for the entire staff with the overall focus being patient care.

Work Environment

Healthcare Managers can be found in a variety of settings within a hospital ranging from human resources to specialized clinical areas to general oversight. Hospital management systems require different levels of managers.

Essentially, all hospital healthcare managers are involved in working with physicians, making policy decision, overseeing patient care, budgeting and accounting, and marketing among other relevant hospital activities necessary to ensure the organization functions smoothly and successfully.

Course On Offer

Bachelor of Hospital Management
(B.H.M.)

Course Duration:- 4 Years 6 Months

Eligibility:- A Passed in I.Sc./ 10+2 or equivalent examinations from recognized board is eligible.

Core Course of Study

First Year of BHM

- 1.Principles of Management and Organizational Behavior
- 2.Business Communication
- 3.Hospital Operations Management
- 4.Hospital & Health System
- 5.Hospital Information System
- 6.Medical Records Management

Second Year of BHM

- 1.Medical Terminology
- 2.Health Economics
- 3.Marketing Management
- 4.Public Health and Health care Planning
- 5.Support, Utility and Clinical Services I
- 6.Fundamentals of Inventory Management

Third Year of BHM

- 1.Accounts
- 2.Support, Utility and Clinical Services II
- 3.Epidemiology and Analysis of Health Information Data
- 4.Environment & Ecology
- 5.Financial Management
- 6.Fundamentals of Research Methodology

Fourth Year of BHM

- 1.Quality in Health Care
- 2.Health Insurance
- 3.Clinical law and Medical ethics
- 4.Human Resource Management
- 5.Public Relations
- 6.Elective- Specialization

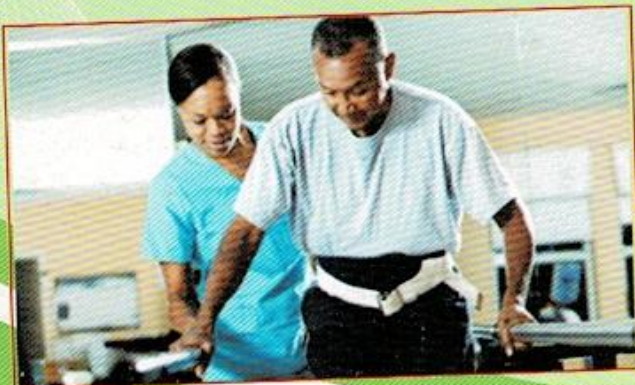


Bachelor of Occupational Therapy



Duties

- Review patients' medical history, ask the patients questions, and observe them doing tasks.
- Develop a treatment plan for patients, identifying specific goals and the types of activities that will be used to help the patient work toward those goals.
- Help people with various disabilities perform different tasks, such as teaching a stroke victim how to get dressed.
- Demonstrate exercises for example, stretching the joints for arthritis relief that can help relieve pain in people with chronic conditions.
- Evaluate a patient's home or workplace and, on the basis of the patient's health needs, identify potential improvements, such as labeling kitchen cabinets for an older person with poor memory.
- Recommend special equipment, such as wheelchairs and eating aids, and instruct patients on how to use that equipment.
- Assess and record patients' activities and progress for patient evaluations, for billing, and for reporting to physicians and other healthcare providers.



What do Occupational Therapists Do:-

Patients with permanent disabilities, such as cerebral palsy, often need help performing daily tasks. Therapists show patients how to use appropriate adaptive equipment, such as leg braces, wheelchairs, and eating aids. These devices help patients perform a number of daily tasks, allowing them to function more independently.

Some occupational therapists work with children in educational settings. They evaluate disabled children's abilities, modify classroom equipment to accommodate children with disabilities, and help children participate in school activities. Therapists also may provide early intervention therapy to infants and toddlers who have, or are at risk of having, developmental delays.

Work Environment

Therapists may spend a lot of time on their feet while working with patients. They also may be required to lift and move patients or heavy equipment. Many work in multiple facilities and have to travel from one job to another. In addition, therapists may work with individuals who have problems with drug abuse, alcoholism, depression, or other disorders. They may also work with people who have been through a traumatic event, such as a car accident.

Course On Offer

Bachelor of Occupational Therapy

(B.Occ.T.)

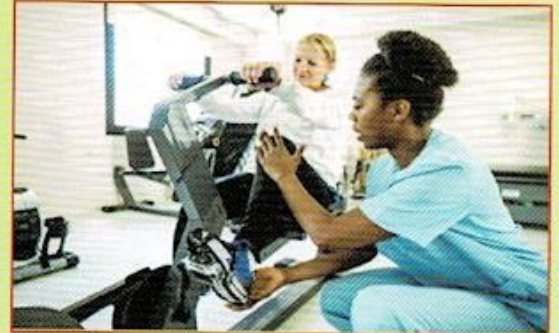
Course Duration:- 4 Years 6 Months

Eligibility:- A Passed in I.Sc./ 10+2 or equivalent examinations with biology from recognized board is eligible.

Core Course of Study

First 1.5th Year of B.Occ.T.

1. Human Anatomy
2. Human Physiology
3. Ergodynamics Therapeutic
4. Pathology & Bacteriology
5. Biochemistry & Biophysics
6. Biomechanics



Second 1.5th Year of B.Occ.T.

1. Medicine
2. Surgery
3. Pharmacology
4. Ergotherapeutics
5. Applied & Experimental Psychology & Bio-Statistical General & Social Psychology.



Final 1.5th Year of B.Occ.T.

1. Medical Occupational Therapy
2. Surgical Occupational Therapy
3. Rehabilitation & Therapeutic Management Orthotic & Prosthetics
4. Bio-Engineering & Ergonomics Psychiatry







Our Affiliation

Dhanarua School of Nursing and Paramedics is affiliated to Aryabhata Knowledge University, Patna for degree courses and also affiliated with Para Medical Para Dental Examination Committee, Govt. of Bihar for diploma courses.

Rules & Regulations

1. Student must follow the norms prescribed for dress both for summer & winter. Apron is mandatory for all students in the campus.
2. An Identity Card shall be provided to students and they have to bear it without fail in the campus. Duplicate card shall be issue against payment of Rs. 50/-
3. All students have to fulfill minimum criteria of attendance. Failing which they have to recover the short in attendance by attending institution in vacation.
4. The governing body of the institution reserves the right to expel the student if found behaviour subversive of discipline.

Admission Procedure

Buy the prospectus and fill the admission form clearly in block letter.

Paste front facing color photo in the form and attach five photo with form.

Attach all your documents related to previous qualifications (attested xerox) Xth pass marksheet and certificate, Migration certificate in original, other required document.

Submit admission form completed in all respects along with requisite charges at the counter/admission incharge on any working day.





DHANARUA SCHOOL OF NURSING & PARAMEDICS

**Recognized by Health Department (Govt. of Bihar)
Affiliated to Aryabhatta Knowledge University (Govt. of Bihar)
Approved by I.N.C. (Govt. of India)**

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