



VANANCHAL INSTITUTE OF HEALTH EDUCATION & RESEARCH

(Run & Managed by Vananchal Educational & Welfare Trust®)

Garhwa, Jharkhand

Recognized by Department of Health & Family Welfare, Govt. of Jharkhand

Affiliated To Jharkhand State Paramedical Council, Ranchi

PROSPECTUS 2026-27

PARAMEDICAL COURSES

- ★ Diploma In Medical Lab Technician (DMLT)
- ★ Diploma In X-ray Technician
- ★ Diploma In Operation Theatre Assistant
- ★ Diploma In ECG Technician
- ★ Diploma In Ophthalmic Assistant
- ★ Diploma In Sanitary Inspector
- ★ Certificate In Dresser Course



Message from the Chancellor



It gives me immense pleasure to welcome aspiring healthcare professionals to our esteemed Paramedical Courses. In today's rapidly evolving healthcare landscape, paramedical sciences play a vital role in strengthening medical services and ensuring quality patient care. At our College, we are committed to nurturing skilled, compassionate, and competent professionals who can contribute meaningfully to the healthcare sector. Our paramedical programs are carefully designed to provide a strong academic foundation, practical exposure, and hands-on clinical training through advanced laboratories and experienced faculty guidance. We believe that healthcare is not merely a profession but a noble service to humanity. I wish you great success in your academic pursuits and future endeavors. Together, let us strive for excellence and contribute to building a healthier society.

Sri Dinesh Prasad Singh
Chancellor
Babu Dinesh Singh University



Dear Students, It gives me immense pleasure to welcome you to our Paramedical Institute. Paramedical education is not just a course; it is a noble profession dedicated to serving humanity. Paramedical professionals play a vital role in the healthcare system by supporting doctors and nurses in patient care, diagnosis, treatment, and rehabilitation. Our aim is to provide quality education, practical training, and advanced technical knowledge to prepare students as skilled, responsible, and compassionate healthcare professionals. With experienced faculty members, modern laboratories, and excellent practical training facilities, we ensure that our students receive the best learning experience. Along with academic excellence, we focus on developing discipline, ethics, confidence, and a strong sense of service among our students. I am confident that with dedication, hard work, and a positive attitude, you will achieve success and make a valuable contribution to society and the healthcare sector.

I wish you all a bright and successful future.

Dr. Prabhu Dayal Tiwari
Principal
Vananchal Institute of Health
Education & Research

About College



Vananchal institute of health education and research , farathiya, garhwa is a premier Paramedical institute recognized by govt. Of jharkhand and affiliated to jharkhand State paramedical council, ranchi, running since 2005. This college has got. Third Rank among all the 65 institute run in the jharkhand state. This rank is awarded by Jharkhand state paramedical council, ranchi. This institute is the back bone of Medical courses. The main vision is to provide this education in paramedical course With very low economical fee. The main mission is to train and educate each and Every person regarding health care section with low socio economical group.

Fee Structure of all Courses

Course	Duration	Eligibility	Fees		
			Ist Year	2nd Year	Total Fee
DMLT (60 Seats)	2 Years	I. Sc. Pass with Maths/Bio	37000/-	30000/-	67000/-
O.T. Assistant (60 Seats)	2 Years	I. Sc. Pass with Maths/Bio	37000/-	30000/-	67000/-
X-Ray Technician (60 Seats)	2 Years	I. Sc. Pass with Maths/Bio	37000/-	30000/-	67000/-
ECG Technician (60 Seats)	2 Years	I. Sc. Pass with Maths/Bio	37000/-	30000/-	67000/-
Ophthalmic Assistant (60 Seats)	2 Years	I. Sc. Pass with Maths/Bio	37000/-	30000/-	67000/-
Sanitary Inspector (60 Seats)	2 Years	I. Sc. Pass with Maths/Bio	37000/-	30000/-	67000/-
Dresser (30 Seats)	1 Year	Matric Pass	35000/-	Nil	35000/-

MODE OF ADMISSION

There shall be an entrance examinations conducted by the institution. The standard of the entrance examination shall be the level of 10+2. The pattern of questions will be of multiple choices (Objective type)

or

Candidate who have qualified the entrance test of Central or State Government (Jharkhand Combined Entrance Competitive Examination Board) or such equivalent examinations.

Or

Candidate shortlisted on the basis of interview conducted by the institute for admission. Separate merit list shall be prepared for management quota candidates.

BRIEF DESCRIPTION ABOUT THE COURSES

DIPLOMA IN MEDICAL LAB TECHNICIAN (DMLT)

A Diploma in Medical Lab Technician (DMLT) or Lab Technician course is designed to train students in laboratory testing, diagnosis support, and handling medical equipment. The main objectives are:

1. To develop practical skills in conducting laboratory tests on blood, urine, tissues, and other body fluids.
2. To prepare students for employment in hospitals, diagnostic centers, blood banks, and research laboratories.

After completing the diploma course, students can work as a: Medical Laboratory Technician, Pathology Technician, Lab Assistant, Research Lab Technician. They can find job in Government hospitals, Private hospitals, Diagnostic laboratories, Blood banks, Clinics, Pharmaceutical companies, Research centers and Public health laboratories.

DIPLOMA IN OPERATION THEATRE ASSISTANT

The main objective of a Diploma in O.T. Assistant Course is to train students to assist surgeons, anesthetists, during surgical procedures and to manage operation theatre activities efficiently. The course aims are to: develop knowledge of surgical instruments, sterilization, and operation theatre procedures. A Diploma in O.T. Assistant offers good career opportunities in the healthcare sector because hospitals and surgical centers require trained OT staff. They can work in Government hospitals, Private hospitals, Nursing homes, Trauma centers, Surgical clinics, Emergency care units, Medical colleges and Diagnostic and healthcare centers

DIPLOMA IN ECG TECHNICIAN

The Diploma in ECG Technician Course is to prepare students to perform electrocardiography (ECG) procedures accurately and safely for the diagnosis and monitoring of heart-related diseases. The course develops technical skills, patient-care abilities, and knowledge of cardiac healthcare systems.

The main objectives of the course are to: **Develop ECG Recording Skills, Interpret Basic ECG Patterns, Ensure Patient Safety and Care, Maintain Equipment and Records, Support Medical Professionals**

After completing the diploma Course, candidates can work in: Hospitals, Cardiology clinics, Diagnostic centers, Emergency care units, Intensive Care Units (ICU), Nursing homes and Government health departments.

DIPLOMA IN OPHTHALMIC ASSISTANT

The **Diploma in Ophthalmic Assistant** is a course designed to train students to assist ophthalmologists in eye care services, diagnosis, treatment support, and vision care management.

The main aims of the course are: To prepare skilled ophthalmic assistants for hospitals, eye clinics, and community health centers. To train students in basic eye examination techniques and ophthalmic procedures. To support prevention and control of blindness through community eye care programs. To assist ophthalmologists during diagnosis, surgery, and patient management. To improve public awareness regarding eye hygiene and eye diseases.

After completing the course, students are expected to:

- Perform preliminary eye examinations such as:
 - Vision testing
 - Refraction
 - Tonometry
 - Color vision testing
- Handle ophthalmic instruments and equipment properly.
- Maintain patient records and clinical documentation.
- Assist in operation theatre procedures related to eye surgery.
- Educate patients about eye care, contact lens care, and post-operative precautions.
- Identify common eye diseases such as:
 - Cataract
 - Glaucoma
 - Conjunctivitis
 - Refractive errors
- Participate in community ophthalmology and blindness prevention programs.

The scope of this Course is growing because of increasing eye-related health issues and demand for trained eye-care professionals.

Diploma holders can work in: Eye hospitals, Government hospitals, Private clinics, Optical centers, NGOs working in eye care, Vision testing centers, Community health programs

DIPLOMA IN SANITARY INSPECTOR

The Diploma in Sanitary Inspector is designed to prepare students for work in public health, sanitation, hygiene, and environmental health services. The course aims is to:

1. Develop knowledge of sanitation and public health systems.
2. Train students in disease prevention and community hygiene practices.
3. Build skills for inspection of water supply, waste disposal, food hygiene, and environmental sanitation.

The main objectives are: To understand principles of public health and preventive medicine., To learn methods of solid waste management and sewage disposal., To inspect food establishments, water sources, and sanitation facilities., To identify causes and control measures of communicable diseases., To develop practical skills in sanitation surveys and health inspections., To study environmental pollution and its control measures., To understand health regulations, municipal laws, and sanitation rules., To improve communication and community health education skills.

This course offers good employment opportunities in both government and private sectors.

The Students can work in: Municipal corporations and panchayats,, Government health departments, Hospitals and nursing homes, Railways and airports, Hotels and food industries, Schools and colleges, NGOs and public health organizations, Water treatment and waste management companies

DIPLOMA IN X-RAY TECHNICIAN

This course is focused on medical imaging techniques used to diagnose diseases and injuries.

The main objectives of the course are:

1. Develop Technical Skills

- Train students to operate X-ray and imaging equipment safely and accurately.
- Teach proper patient positioning and imaging procedures.

2. Learn Radiation Safety

- Educate students about radiation hazards, protection measures, and safety standards for patients and healthcare workers.

3. Assist in Medical Diagnosis

- Prepare students to support doctors and radiologists by producing high-quality radiographic images.

After completing the diploma Course they can work in Hospitals, Diagnostic centers, Trauma centers, Orthopedic clinics, Government health departments, Private imaging laboratories, Mobile X-ray units and Nursing homes

CERTIFICATE IN DRESSER COURSE

The main aims of the Certificate in Dresser course are:

1. To prepare students for basic healthcare and emergency medical services.
2. To develop practical skills in wound dressing, bandaging, and first aid.
3. To train students in infection control, sterilization, and patient hygiene.
4. To assist doctors and nurses in hospitals, clinics, and health centers.
5. To create skilled paramedical workers for rural and urban healthcare services.

The objectives of the course are: To teach proper wound care and dressing techniques., To provide training in emergency first aid and patient care. To develop knowledge about sterilization and disinfection methods. To train students in handling medical instrumentls and equipment safely. To improve communication and patient-handling skills. To prepare students for employment in healthcare institutions. To provide practical exposure through clinical training and internships.

Students can get jobs in: Hospitals, Clinics Nursing Homes, Trauma Centers, Primary Health Centers, NGOs and Rural Health Projects, Industrial Health Units, Emergency Medical Services

PLACEMENT

Many of our students have been successfully placed in Government, Semi-Government, and Private Medical Colleges, Hospitals, Nursing Homes, and other healthcare institutions. Our students are working in reputed organizations such as Rajendra Institute of Medical Sciences (RIMS), Medinirai Medical College & Hospital, Laxmi Chandravanshi Medical College, Narayana Medical College, Sasaram, King George Medical College, Vananchal Dental College & Hospital, and several other Government Medical Colleges and Hospitals. They are also serving in Sadar Hospitals across various districts of Jharkhand, including Garhwa, Palamu, Latehar, Chatra, Ranchi, Gumla, and many others, as well as in the 108 Ambulance Service. In addition to placements, a number of our students are also successfully self-employed, contributing to the healthcare sector through their own professional services and initiatives.



**Dharmendra Kumar, (DMLT)
Mednirai Medical College, Palamu**



**Sanjeev Kumar, (DMLT)
Narayan Medical College, Sasaram**



**Rahul Kumar, (O.T Assistant)
Bhagwan Mahavir Manipal Hospital, Ranchi**



**Shashi Ranjan Chaudhary, (ECG)
Sadar Hospital, Palamu**



**Sanjeet Kumar Saw, (DMLT)
Sadar Hospital, Garhwa**



**Prem Kumar, (DMLT)
SD Hospital, Bermo, Bokaro**



**Sangam Kumari, (ECG)
Sadar Hospital, Garhwa**



**Ajay Choudhary, (DMLT)
CHC, Ranka, Garhwa**



**Kayum Ansari, (DMLT)
Block Public Health Unit, Bhawanathpur**



**Jitendra Paswan, (DMLT)
Northern Coalfield Limited,
Singrauli (MP)**



**Shravan Kumar, (X-ray)
Sadar Hospital, Palamu**



**Suraydeo Kumar, (Dresser)
CHC, Nilamber Pitambarpur, Palamu**

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