

AMDA Institute of Health Science, Damak, Jhapa

AMDA - Nepal established AMDA Health Manpower Development Center under AMDA Hospital with the approval of the Council for Technical Education and Vocational Training (CTEVT) to prepare middle-level health human resources in 1996. In the beginning, Technical School Leveling Certificate (TSLC) level programs: Auxiliary Nurse Midwife (ANM), and Medical Laboratory Technology (Lab Assistant) were launched. In 1997, Community Medical Assistant (CMA) course was added. Similarly, in 2008, the Proficiency Certificate Level/Diploma Level Nursing (Staff Nurse) program started. In 2012, AMDA Health Manpower Development Center was renamed as AMDA Institute of Health Science (AIHS).

In the academic session 2012, the CTEVT recognized AIHS as the best institution in the Eastern Development Region on its 26th anniversary. In 2018, the Proficiency Certificate Level / Diploma Level in General Medicine Program (HA) has been launched. Likewise, in 2022 Technical School Leveling Certificate (TSLC) level programs [Auxiliary Nurse Midwife (ANM), Medical Lab Technology (Lab Assistant) and Community Medical Assistant (CMA)] are upgraded to Proficiency Certificate/Diploma Level of Medical Laboratory Technology (Lab Technician), Diagnostic Radiography, and Physiotherapy.

AIHS students get exposure to AMDA Hospital, Zonal Hospital, District Hospital, Primary Health Care centers, Health Posts, and other health service providers of Koshi Province. The students get on-the-job training (OJT) in and around Damak to promote community health.

Features

- AIHS has own academic building.
- Own 100 bed hospital.
- Well equipped library and laboratory set-up.
- Adequate exposure for students.
- AIHS ensures quality education with qualified and experience faculty members.
- Students gain well-rounded exposure in various settings, aligning with the requirements of their respective fields.
- Infrastructure has been developed to meet the national standard.

Physiotherapy

The program aims to prepare students for physiotherapy practice within clinical and community settings and with diverse population, including vulnerable groups in the country and elsewhere.

Program Objectives After the completion of this program, the graduates will be enabled to:

- Apply the knowledge and skills of physiotherapy (therapeutic exercise, electrotherapy, hydrotherapy and therapeutic massage) in different human health conditions.
- Practice the values and ethics of the physiotherapy profession.
- Demonstrate the professional competence, self-awareness, integrity, respect of individual, ethical and social responsibilities.
- Assist physiotherapists/seniors in treatment/rehabilitation procedures.
- Apply the knowledge and skills of rehabilitation in community and clinical settings.
- Apply knowledge and skills of hygiene, sanitation and first aid to the needy.
- State organizational structure, function and utilization of their knowledge in various health settings.

Medical Laboratory Technology (Lab Tech.)

The program aims to produce middle level technical personnel with sound academic knowledge equipped with perfect technical skills that can be faced in real life situation.

Program objectives after the completion of this program, students will be able to:

- Perform routine and special laboratory investigations on clinical and non-clinical samples.
- Interpret the results and explain underlying principles in each investigation.
- Prepare reagents required for routine and special investigations.
- Set up clinical laboratory in primary health center.
- Establish quality control system in medical laboratory to deliver quality laboratory service.
- Perform laboratory management.
- Supervise subordinates and prepare reports.
- Conduct research on lab works.

Offering 3 years Proficiency Certificate Level/Diploma Level Programs are:

- Nursing (Staff Nurse)
- General Medicine (HA)
- Physiotherapy
- Diagnostic Radiography (X-Ray)
- Medical Laboratory Technology (Lab Tech.)
- Nursing (Staff Nurse)



The program aims to produce a middle level nursing work force who is independent and competent to assume the responsibility to carry out the function of preventive, primitive, curative, rehabilitative and holistic care of an individual /group at hospital and in community settings. Upon completion of the program the graduate will be able to:

- Utilize a sound knowledge base in giving care to well and sick individuals, families and communities.
- Implement preventive and therapeutic measures directed toward promotion, maintenance and restoration of health.
- Utilize communication skills effectively while communicating with individuals and groups in a variety of settings.
- Apply the nursing process in providing and improving health care.
- Assume leadership role for planning and improving health care.
- Guide and supervise individuals, families and groups including health care workers.
- Collaborate with multi-sectorial groups to develop a healthful environment, including safe drinking water, environmental sanitation and other comprehensive approaches in the community.
- Mobilize the community people to participate in the activities of the village health post.
- Demonstrate a positive attitude and respect for cultural values and health practices in working to meet needs and solve problems.
- Continue to seek new knowledge for personal and professional growth.
- Seek new knowledge and skill continuously for personal and professional growth.



Diagnostic Radiography (X-Ray)

This program aims to produce middle level technical personnel with sound academic knowledge equipped with perfect technical skills that can be faced in real life situation.

Program Objectives: After the completion of this program, the graduates will be able to:

- To perform all routine radiography/and assist in special x-ray examination.
- To maintain photographic and x-ray equipment in good working order.
- To possess knowledge on recent advances in imaging technology.
- To protect the patients and staff from possible radiation hazards.
- To maintain records of x-ray examinations, filing of radiographs & ordering of necessary radiographic supplies.
- To provide care of the patients whilst in the x-ray department.
- To prepare radiography set up required for routine and special investigations.
- To practice quality control system in radiology department to deliver quality reports.
- To familiarize middle level radiography management works, supervision of subordinates and preparation of reports.
- To provide basic first aid Treatment.



General Medicine (HA)

This course is based on the academic requirements to enter bachelor in health sciences as well as to provide general health services as a middle level human health worker. After completion of the course the graduate is expected to perform the duty of health post assistant as per assigned by Nepal Health Professional Council independently in different health institutions in Nepal and abroad. The program is of three academic years' duration. The first year course focuses on basic science and foundational subjects, the second year course focuses on basic medical subject theory/practical simultaneously and the third year is given to the application of learned skills and knowledge within the comprehensive practical settings, in hospitals or health posts.

The course aims to produce middle level medical personnel with sound academic knowledge equipped with perfect technical skills that can be faced in real life situation at the level they are aimed at:

- Plan indoor and community health program.
- Administer medication and treatment.
- Assess patient, make provisional diagnosis and manage from available resources.
- Identify referral cases and refer.
- Counsel patient for follow up, care and related health problem.
- Perform routine and special medical investigations independently.
- Perform minor medical and surgical procedure for patient management.
- Identify and manage common emergency cases.
- Provide maternal, child health, nutrition and family planning services through primary health care center (PHCC) and health post (HP).
- Implement Priority national health programs through PHCC and HP.
- Practice quality control system in hospitals/health posts
- Supervise subordinates and prepare reports.
- Create self-employment opportunities.
- Handle administrative task.
- Maintain medical records.



Contact/Mailing Address:

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