AIM

To train orthotists/prosthetists who can re-increase the reduced or lost mobility and functional level of patients by using basic sciences, they can design orthotics and prosthetics specifically to the patients by using new materials and technologies and who they can also take an effective role to improve those materials and technologies.

KNOWLEDGE
Theoretical/Factual

PO-1. Has trustworthy, sufficient and up to date knowledge related with orthotics prosthetics.

PO-2. Equipped with the knowledge about design, production and intervention of suitable devices by using assessment methods to people who need artificial limb and/or assistive devices.

SKILLS
Cognitive/Practical

PO-3. Analyses the issues, using the knowledge and skills based on evidence in orthotics prosthetics considering professional and ethical values; takes part in inter-disciplinary health research.

PO-4. Performs interventions on people who need artificial limb and/or assistive devices by using advanced technology and necessary materials to regain function and independence in their daily activities.

COMPETENCY
Ability to work independently and take responsibility

PO-5. Using the knowledge in the field of orthotics prosthetics, by making analysis and synthesis, works independently and within the cooperation of the other healthcare staff, as a member of the team takes responsibility.

PO-6. Execution, organizing, presenting the services of the orthotics prosthetics in daily practices and within the scope of planning project, solving problem, manages plans while watching the process and evaluating.

Learning Competence

PO-7. By adopting such particulars as adaptation to new conditions lifelong learning, developing new ideas, considering importance to quality, evaluates the knowledge sources through a critical approach.

PO-8. Evaluates the vocational knowledge by researching on the field of orthotics prosthetics. Adopts positive manner and attitude model and describes learning targets.

Communication and Social Competence

PO-9. With the conscious of understanding and estimating the multiculturalism with the individuals who have taken orthotics prosthetics service, by making effective contact with other relevant people and colleagues, informs the individual who gets service, records the knowledge systematically by conforming the privacy policy.

PO-10. Possesses the competence of English in B1 general level so as to follow English sources in orthotics and prosthetics field.

PO-11. Uses the information and communication technologies related with the orthotics prosthetics field by communicating verbal and written ways, expresses himself effectively.

Field-based Competence

PO-12. In the orthotics prosthetics interventions, by looking after the duty, rights and responsibilities, within the cooperation of the related disciplines, acts appropriately to the professional ethical rules and legislation.

PO-13. Performs the orthotics and prosthetics interventions under the professional honesty by bearing responsibility and by providing safety in every step.