

# **Abstract**

## **Thesis title**

Snowboarding with lower limb amputation.

## **Main Objectives**

The main objective of this thesis is to gain and provide information about means of prosthetic equipment and method of teaching snowboarding to beginners.

## **Goals**

- 1) Research possible options of prosthetic equipment for one side under knee amputation.
- 2) Research possible options of prosthetic equipment for one side over knee amputation.
- 3) Research possible options of prosthetic equipment for bilateral amputations.
- 4) Methods of teaching snowboarding in cases mentioned above.

## **Method**

This thesis is a research work based on information gained from research papers, research books, and interview with amputee trainer.

## **Results**

Results of the thesis provided information about prosthetic equipment for lower limbs used for snowboarding. Also teaching methods and means of choosing the best equipment and it's set up, helpful for everyone who wants to try snowboarding.

## **Keywords**

Amputation, Lower limb, Snowboarding, Para-snowboarding, Adaptive Snowboarding, Prosthetic