



# BARUNA THAPA

BIOMEDICAL ENGINEER

## CAREER OBJECTIVE

Seeking an entry-level position to begin my career in a high-level professional environment, fully utilize my training and skills, while making a significant contribution to the success of the organization.

## SKILLS

Communication, Report Writing, Research, Teamwork, Microsoft Office Tools( Powerpoint, Excel, Word), Matlab, Proteus, Arduino, Tinkercad, Database management

## ACHIEVEMENTS

- Medals in different sports (badminton, volleyball, tug of war, etc)
- Participation in various academic level program (debate, essay writing, poem recital, etc)
- Served as an active member of the research development committee, College of Biomedical Engineering and Applied Sciences, HandigaunMarg, Kathmandu, Nepal

## LANGUAGES

NEPALI: Native  
ENGLISH: Good  
HINDI: Good

## HOW TO REACH ME

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## ACADEMIC SUMMARY

### SEMINARS ATTENDED:

- International conference on Biomaterial-based Therapeutic Engineering and Regenerative Medicine, IIT Kanpur, India, 28 Nov- 01 Dec 2019
- One-day seminar on 'Recent developments in Biomedical Engineering', organized by CBEAS, Kathmandu, Nepal, 3rd July 2017
- 1st National Conference of Medical Imaging Technology and Radiological Sciences, National Trauma Centre, Kathmandu, Nepal, 24th June 2017

### PROJECTS:

- Research on "A comparative study of fish skin scaffold doped with silver nanoparticle and Curcuma caesia nanoparticle separately to treat burn wound".
- Design and development of obstacle detector using an ultrasonic sensor (SONAR)
- Simulation of a control system of wind turbine generator

### TRAINING:

- Human cell line culture, Annapurna Research Centre, 2021 AD
- -Virtual low-cost equipment design training, engineering world health, July 15 – Aug 13 2020 AD

## ACADEMIC QUALIFICATION

**College of Biomedical Engineering and Applied Sciences, HandigaunMarg, Kathmandu, Nepal**

Purbanchal University,

BE Biomedical Engineering

- Enrolled since 2016 AD to present

**Reliance International Academy, Saraswotinagar, Kathmandu, Nepal**

Higher Secondary Level Education

- Attended from 2014 AD to 2016 AD
- 77.40%

**Bagmati Boarding Higher Secondary School, Sukedhara, Kathmandu, Nepal**

SLC in Nepal Board

- Graduated in 2014 AD
- 84.13%