

# CURRICULUM VITAE



## PERSONAL INFORMATION

ANIL GHIMIRE

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**Sex:** Male | **Date of birth:** 24/08/1990 | **Nationality:** Nepalese

## EDUCATION

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Year	Degree	Institution
2014 – 2017 (expected June, 2017)	Master in Planning and Operation of Energy System	Department of Mechanical Engineering, Kathmandu University, Dhulikhel, Kavre, Nepal
2008 – 2012	Bachelor of Electrical and Electronics Engineering (Power-and-Control Engineering)	Department of Electrical and Electronics Engineering Kathmandu University, Dhulikhel, Kavre, Nepal

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## PROFESSIONAL MEMBERSHIPS AND AWARDS

### Professional Memberships

- Member of Nepal Engineering Council (NEC), Registration No.: 789 “A”
- Member of Nepal Engineering Association (NEA)

### Awards

- Received an award for **Outstanding Undergraduate Final Year Project**, entitled “Static Rotor Resistance Control of Three Phase Induction Motor”

## **EXPERIENCE**

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### **1. Managing Director** (March 2017 to till now)

Earthcare Initiatives Pvt. Ltd., Gokarneshwor – 6, Kathmandu, Nepal

#### **Responsibilities**

- Design and Development of Renewable Energy Projects
- Environmental Assessments and Solutions
- Sustainable Business and Resource Efficiency
- Marketing and Business Strategy
- Policy, Strategy and Evaluation
- Energy Auditing

### **2. Energy Research Engineer** (August 2015 – February 2016)

Udayapur Cement Industries Limited, Jaljale, Udayapur

#### **Responsibilities**

- Energy Auditing and Efficiency
- Research and Development
- Design and Fabrication of 1MW thermal Updraft Gasifier
- Analysis of Rotary Kiln Performance
- Maintenance of Rotary Kiln and other equipment
- Process Optimization
- Training on Energy Management
- Lean Manufacturing Principles to lower level technical staff

### **3. Technical Manager** (January 2014 to December 2014 and March 2016 to till now)

Sourya Energy Pvt. Ltd., Chabahil, Kathmandu, Nepal

#### **Responsibilities**

- Review specifications and recommend engineering or manufacturing changes to achieve solar design objectives.
- To make operational optimization through the introduction of best production practice concepts.
- Develop standard operation procedures and quality or safety standards for solar installation work.
- Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning, or performance monitoring.
- To create plans for solar energy system development, monitoring, and evaluation activities.

#### 4. **Technical Officer** (2013/01/01 to 2013/12/31)

Ujyalo Urja Pvt. Ltd., Balaju, Kathmandu, Nepal

##### **Responsibilities**

- To design system sizing of solar power systems.
- To implement quality requirements for products as per NEPQA standard.
- To direct the technical department and other technical works and
- To report Production & Technical Manager about products, innovations & technologies
- To create plans for solar energy system development, monitoring, and evaluation activities.

##### **PUBLICATIONS**

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- “Study of Current Energy Consumption of Dhulikhel Municipality.” Conference: Proceedings of the International Symposium on Current Research in Hydraulic Turbines (CRHT VI), At Kathmandu University, Volume: 6
- “Energy Use in Nepalese Cement Industries: Case of Udayapur Cement Industries Limited.”, 2016. International Journal of Scientific & Engineering Research, Volume 7, Issue 12, December-2016 634 ISSN 2229-5518

##### **PROFESSIONAL TRAINING AND SKILLS**

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###### **Professional trainings**

- **Energy Efficiency** workshop in Udayapur Cement Industry Limited, Jaljale, Udayapur
- Training on **Energy Management Systems and Energy Auditing** in July 2015 organized by Dept. of Mechanical Engineering, Kathmandu University
- Training on **Institutional Solar Photovoltaic System** for Engineers organized by Alternative Energy Promotion Centre (AEPC) and Solar Electric Manufacturer's Association Nepal (SEMAN)

###### **Professional skills**

- Computer Skills: Knowledge of MS – Word, MS – Excel, MS – PowerPoint
- Energy related softwares: PVsyst, HOMER, EVIEWS, LEAP
- Simulating and designing platforms: Electronics workbench, Proteus, MATLAB, AUTO CAD and Eagle PCB design software
- Fluent in English and Nepali (Mother Tongue) languages with good knowledge of Hindi language.

## **VOLUNTEERING ACTIVITIES**

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- General member of Kathmandu University Youth Red Cross Circle
- Member of Society of Electrical and Electronics Engineer, Kathmandu University (2008-2012)
- Participants of energy crisis: challenges and opportunities in the context of Nepal (A one-day seminar organized by Society of Electrical and Electronics Engineer, Kathmandu University)
- Participant of SEEE Football Tournament 2009.
- Participant of Environment Parade organized on the World Environment Day, 2009
- Participants of Cricket Tournament organized by Green Club of Thought

## **INTERESTS**

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- *Academic Interests:* Renewable Energy, Planning and Operation of Energy Systems, Power System.
- *Other Interests:* Traveling, Hiking, Trekking, Photography, reading Journals, News, Magazines, Music, Movies, Documentaries, Playing football.

## REFERENCE

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1. Assoc. Prof. Dr. Hari Prasad Neopane  
Head of Department  
Master Program in Planning and Operation of Energy System  
Department of Mechanical Engineering  
Kathmandu University  
Contact no: +977-9841283642  
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2. Mr. Krishna Prasad Parajuli  
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3. Dr. Anish Ghimire, M.E.  
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## CERTIFICATION

I certify to the best of my knowledge, this CV correctly describes myself, my qualifications, and my experience; and

I understand that any willful misstatement in this CV may lead to my disqualification or dismissal, if engaged.

April 28, 2017  
Anil Ghimire  
Jorpati, Kathmandu, Nepal