



Nishchal Baniya

DATE OF BIRTH:

15/11/1998

CONTACT

Nationality: Nepalese

Gender: Male



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[https://
www.nishchalbaniya.com.np](https://www.nishchalbaniya.com.np)

ABOUT ME

I am a undergraduate chemical engineering student based in Hangzhou, China, specializing in material synthesis and environmental engineering. I design & develop bio-based products and solve real world environmental issues. Recently, I have been working on the advance designing tools in process engineering.

WORK EXPERIENCE

21/07/2020 – CURRENT – Hangzhou , China

Campus Director, Zhejiang University of Technology

Hult Prize Foundation

- Recruit the organizing team members, participant and the jury to organize the Hult Prize OnCampus event
- Facilitate the event to meet the objectives, organize the event and select the winning team to participate in one of the regional finals
- To spread awareness of the opportunity as much as possible in the larger extent through the medias, social medias, posters and so on

<https://www.hultprize.org>

04/11/2020 – CURRENT – New York, United States

Editorial assistant

North American Academic Research Journal, TWASP

- supporting editorial staff in all activities leading to publication, including acting as a personal assistant to commissioning editors and overseeing tasks such as issuing contracts and dealing with royalties
- liaising with other in-house teams, writers, photographers, printers, designers and production staff to negotiate and monitor timescales for stages in the publishing process
- dealing with the administration of work commissioned to freelance writers, picture researchers, photographers, stylists and illustrators
- organizing and researching projects to tight deadlines
- summarizing written material
- correcting manuscripts
- obtaining rights to use materials from other publications
- word processing, desktop publishing and email
- dealing with phone and email queries, e.g. from writers and the public

https://twasp.info/journal/editorial_borad

03/08/2019 – 18/09/2019 – Cairo , Egypt

Chemical engineer (Internship)

Tolaroid Technologies Pvt.

- Conduct research to develop new and improved manufacturing process, design and develop equipment
- Perform tests to monitor the process of production
- Evaluate equipment and process to ensure compliance with safety and environmental regulations along with the evaluation of the cost of production

<https://www.aiesec.org>

15/12/2018 – CURRENT – Hangzhou, China

University research assistant



Laboratory of Green Chemistry, Zhejiang University of Technology

- design and perform experiments in order to gain information and test scientific processes
- implement research projects designed by other lab workers and supervisors, carrying out research according to pre-outlined tasks.
- formulate and test various scientific hypotheses
- evaluate data from the experiments they conduct
- perform assigned lab duties, such as studying slides and performing chemical tests
- write detailed reports of research and experiments conducted, then deliver these reports in written and verbal forms
- maintain cleanliness and safety standards in the lab and lab storage areas at all times.

<https://www.zjut.edu.cn>

05/06/2020 - CURRENT - Abuja , Nigeria

Global Director of Programs, Mobilization and Development Strategies

United Youth For Sustainable Globe

- Implementing the strategic vision of the organization through demonstrated role in development and communications.
- Lead design and execution of organizational strategy to grow and become financially sustainable
- Generating development materials such as grants and case statements
- Collaborating with network to identify and build relationships with new donors/sponsors.

<https://www.uysg.org>

18/08/2018 - 10/02/2020 - Kathmandu, Nepal

Creative Head

Madani Creations Pvt Ltd

- Work with the brand team to produce new ideas for company branding, promotional campaigns, and marketing communications.
- Evaluate trends, assess new data and keep up-to-date with the latest marketing techniques.
- Assist clients in resolving issues by responding to questions in a timely and professional manner.
- Create and implement tailored marketing plans based on individual client requirements.
- Direct brainstorming meetings and creative sessions.
- Shape brand standards and create procedures to ensure all products are brand appropriate.
- Supervise the department's daily workflow, assign project workload, and monitor deadlines and budgets.
- Develop exceptional and well-crafted copy that meet clients' requirements.

07/06/2016 - 11/12/2017 - Kathmandu, Nepal

Director of Web Log and Publication

Aarambha Foundation

- Writing various types of articles, blogs and other online resources
- Covering many different industry topics



- Providing feedback to other contributors, and editing others' content
- Conducting analytical projects to improve blog strategies/tactics
- Optimizing content for search engines (SEO) and lead generation
- Creating well structured study guides and case studies
- Performing industry research

<https://www.aarambhafoundation.org.np/>

09/09/2019 - CURRENT - Hangzhou , China

Foreign Language Interpreter

International College, Zhejiang University of Technology

- Interpreting, translating and re-communicating both verbal and written texts from Chinese to English language
- Prepare articles and newsletter for the official WeChat Account of Zhejiang University of Technology

<https://www.iec.zjut.edu.cn>

25/11/2018 - CURRENT - Hetauda , Nepal

Foreign Trade Manager

Hetauda Vet Suppliers

- Arrange hardware delivery to foreign customers, from suppliers' stores to the company's store
- Prepare transportation documents based on the contract terms and conditions
- Carry out correspondence (negotiations) with customers' logistics specialists and managers of transport companies on transport logistics issues: agreement of transportation documents (Invoice, Pacing List, AWB), cargo packing, insurance
- Track the movement of cargo en route
- Arrange payment of suppliers' invoices, of invoices for transport company services
- Interact with a customs broker on the customs clearance of cargoes delivered to the company from abroad.
- Search for foreign suppliers of necessary equipment
- Carry out negotiations (correspondence) on delivery conditions (procurement prices, delivery deadlines, payment conditions)
- Organize internal logistics

10/08/2020 - CURRENT - China

Country Office Representative

Tourism Pana

- Studying the area and evaluating the different aspects of the place like boarding and lodging facilities, travel convenience, cost of stay, tourist destinations and the best time of the year to visit the place
- Must write precisely and without any bias. The description should not give a false idea about the place
- Must remember the impression he had of the place so that he can translate into words
- Meeting deadlines is a very important part of the job
- Read the history, geography and topography of the place
- Article should be written in simple language which can be understood by everybody

<https://www.tourismpana.com>



EDUCATION AND TRAINING

2002 – 2014 – Hetauda, Makawanpur, , Nepal

National School Leaving Certificate

Gyandeeep Shiksha Niketan Higher Secondary School

08/2014 – 06/2016 – Hetauda, , Makawanpur, , Nepal

Higher Secondary Education Board (HSEB)

Hetauda School of Management & Social Sciences

09/2018 – CURRENT – 18 Chaowang Road, Hangzhou, Zhejiang, China

Bachelor of Engineering (B. Eng) Chemical Engineering and Technology

Zhejiang University of Technology

www.zjut.edu.cn

11/01/2021 – 12/04/2021 – 340 W 42nd St Fl 2, New York, New York, United States

Fellowship: Youth Delegate Program

UNITE 2030

<https://www.unite2030.com/youth-delegate-info/nishchal-baniya>

LANGUAGE SKILLS

MOTHER TONGUE(S): Nepali

OTHER LANGUAGE(S):

English

Listening C1	Reading C1	Spoken production C1	Spoken interaction C1	Writing C1
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Hindi

Listening C2	Reading C2	Spoken production C1	Spoken interaction C1	Writing C1
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Chinese

Listening B1	Reading A2	Spoken production A2	Spoken interaction A2	Writing A1
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DIGITAL SKILLS

Aspen PLUS / Matlab / Auto Desk Auto CAD / IBM SPSS - IBM Analytics / Chem-station



PUBLICATIONS

● **Conversion of Ligno Cellulose to Biofuel**

2019 <http://doi.org/10.5281/zenodo.3457643>

North American Academic Research Journal by TWASP
Nishchal Baniya, "Conversion of Ligno-Cellulose to Biofuel" North American Academic Research 2(9) 113-125.2019

● **Water Treatment: Enhancing Chlorobenzene Biodegradation by Delfia tsuruhatensis Using Water- silicon Biphasic System**

2019 <http://doi.org/10.5281/zenodo.3563213>

North American Academic Research Journal by TWASP
Nishchal Baniya, Juwer Ansari, Nabin Neupane, Akshyama Aryal, Pratik Baral, Sabin Dotel, "Water Treatment: Enhancing Chlorobenzene Biodegradation by Delfia tsuruhatensis Using Water- silicon Biphasic System" North American Academic Research 2(11) 359-370. 2019

● **A Novel Coronavirus Emerging in World — Key Questions for Developing Countries and Under Developed Countries**

2020 <http://doi.org/10.5281/zenodo.3690311>

North American Academic Research Journal by TWASP
Dr. Siddhartha Manandhar, Dr. Prami Nakarmi, Nishchal Baniya: A Novel Coronavirus Emerging in World - Key Questions for Developing Countries and Under Developed Countries: Nor. Am. Aca. Res. 2020 : 3(2) : 473-497

● **Advances in Regenerative Medicine and Tissue Engineering: Innovation and Transformation of Medicine**

2020 <https://doi.org/10.5281/zenodo.4265492>

North American Academic Research Journal by TWASP
Nishchal Baniya: Advances in Regenerative Medicine and Tissue Engineering: Innovation and Transformation of Medicine : Nor. Am. Aca. Res. 2020 : 3(02) 473-497



CONFERENCES AND SEMINARS

17/08/2018 – 18/08/2018 > – Kathmandu

National Delegate

International Youth Forum on Human Rights and Sustainable Development Goals (SDGs)

03/08/2019 – 18/09/2019 > – Cairo, Egypt

Global Entrepreneur

Outgoing Exchange Participant for AIESEC on Sustainable Development Goals: 9 (Build resilient infrastructure, promote sustainable industrialization and foster innovation)

<https://www.instagram.com/p/CGHpn-nsT4E/>

23/03/2020 – 24/03/2020 > – London, United Kingdom

Student Delegate: Poster Presentation

Nishchal Baniya, Conversion of Ligno Cellulose to Biofuel, Biofuels 2020, 11th Edition of International conference on Biofuels and Bioenergy, London, UK, March 23-24, 2020

<https://www.longdom.org/search-results.php?keyword=Nishchal+Baniya+>

29/09/2020 – 30/09/2020 > – Minneapolis, United States

Student Delegate: Oral Presentation

Nishchal Baniya, Juwer Ansari, Nabin Neupane, Akshyama Aryal, Pratik Baral, Sabin Dotel, "Wate Treatment: Enhancing Chlorobenzene biodegradation by Delftiatsuruhatensis Using a Water-Silicon Bi-phasic System", International Conference on Life Science and Environment (EUCELS) by EurasiaWeb, Proceedings of Eurasiaweb International Conference, Minneapolis, USA, 29 th – 30 th September, 2020

<https://worldresearchlibrary.org/proceeding.php?pid=3989>

24/10/2020 > – Virtual

Youth Delegate

YOUNGA Forum, organised by BridgingTheGap Ventures.

YOUNGA Forum, the first-of-its-kind virtual global youth takeover of the United Nations, is focused on a central theme for 2020—the future youth want, the action we need.

<https://thehimalayantimes.com/nepal/local-youth-leader-baniya-selected-as-a-youth-delegate-for-the-2020-younga-forum/>

17/05/2021 – 20/05/2021 > – Prague, Czech Republic

Student Delegate: Poster Presentation

Nishchal Baniya, Advances in Regenerative Medicine and Tissue Engineering, XXth Interdisciplinary Meeting of Young Researchers and Students in the Field of Chemistry, Biochemistry, Molecular Biology and Biomaterials, Czech Chem. Soc. Symp. Ser. 19, 1-52 (2021).

<http://www.interdisciplinarymeeting.cz/>



ORGANISATIONAL SKILLS

Organizational/Managerial Skills

Good leadership and organizational skills gained through my experience as a

- Campus Director, Hult Prize Foundation, Zhejiang University of Technology (07/2020 - Present)
- President, Bagmati UNESCO Club, Nepal (08/2020 - Present)
- Global Director, Programs, Mobilization and Development Strategies, United Youth For Sustainable Globe (06/2020 - Present)
- President, Nepalese Student Association, Zhejiang University of Technology (09/2018 - 08/2019)
- President, Circle of Noble Engineers, Zhejiang University of Technology (07/2019 - Present)
- National Representative, International Youth Council (08/2016 - 09/ 2017)
- College Ambassador, International Youth Society (08/ 2019 - Present)

COMMUNICATION AND INTERPERSONAL SKILLS

Communication Skills

- Good communication skills gained by working voluntarily as the National Representative with and international youth organization named International Youth Council
- Good cross cultural communication skills gained by travelling for various international programs

HONOURS AND AWARDS

28/06/2020

Global Humanitarian Award – World Humanitarian Drive

05/05/2018

Friendship Award – 4th Rotaract-UNESCO Adventure Camp and Cultural Exchange (Nepal and Bangladesh)

24/12/2017

Best Chief Executive Officer in South Asia – International Youth Council

19/01/2021

YOUNG SCIENTIST – Meetings International



REFEREES

● Academic Reference

Dr. Jian-Quan Weng
Professor, Organic Chemistry
College of Chemical Engineering and Technology
Zhejiang University of Technology
Email: jqweng@zjut.edu.cn

● Professional Refree

Dr. Philip Cardinal
Editor in Chief, North American Academic Research Journal,
The World Academy of Scientists and Professionals
Email: editor@twasp.info