

# CURRICULUM VITAE

**Name** : **Ankit Khanal**  
**Date of Birth** : 2003-01-13(A.D.).  
**Nationality** : Nepali  
**Mailing Address** : **Residence: Permanent**  
Aarupokhari, Arughat Municipality -8  
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**Temporary:**  
Nagarjun Municipality -6, Ramkot, Kharitar,  
Kathmandu, Bagmati Province, Nepal.  
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**Present Position** : Nation Coordinator, NASA Scientist For A Day, Nepal

**Academic Qualification** :  
Bachelor in Engineering  
(on going 6<sup>th</sup> Semester) : Advanced College of Engineering and Management  
(Tribhuvan University)  
Kalanki-14, Kathmandu, Nepal

Faculty : Computer Engineering (2019-2023 A.D)

High School : Kathmandu Model Secondary School, Kathmandu

Field of study : Science (2017-2018)A.D

Secondary Education  
Examination : Rainbow International Boarding Secondary  
School, Kathmandu, Nepal, 2016A.D

## Professional experiences:

1. Huawei's- "Seeds for the future" 2021 batch finalist and Team Leader from Nepal.
2. Worked for Moon Village Association's Participation of Emerging Space Countries Project from Nepalese Space Research Association (NESRA) as Program Co-lead (July-August, 2021).
3. Worked for ARISS (Amateur Radio on the International Space Station) project proposal in Nepal with Collaboration between EWC (East-West Center) Nepal and RECAST(Research Centre for Applied Science and Technology), TU (September, 2019).
4. Judged 2019-2020 Conrad Challenge Business Plans.
5. Worked as Organizing Committee Member (Web Development and Communication Lead) for Asia Pacific Space Generation Online Workshop (October- December, 2021).
6. Worked as Focused Group Member for "Building Trustworthy Data Practices" a Citizen Science Project funded by National Science Foundation (NSF) and conducted in collaboration with the Citizen Science Association (CSA) (August-October, 2020).

## Research Papers presentation:

1. "Of Sustainable Pathways and Approaches: A Mars Colonization Roadmap for the Asia-Pacific"-International Astronautical Congress(IAC), 2022.
2. "Environmental Satellite to Monitor Real-Time Environmental Parameter Changes in Response to Increased Climate Action" - International Astronautical Congress(IAC), 2022

3. “Roadmap to promote Nepal's contribution to the space industry by Nepalese Space Research Association” - International Astronautical Congress (IAC), 2021.
4. “Assessing the Bottlenecks for a Sustainable Framework for APAC Regional Cooperation for Space Exploration”- International Astronautical Congress (IAC), 2021.
5. “Cooperation and Capacity-building of Asia-Pacific Countries for Space Exploration”- Global Space Exploration Conference (GLEX), 2021.

#### **Conference/Workshop /Webinar:**

1. 73<sup>rd</sup> International Astronautical Congress by International Astronautical Federation(18-22 Sept, 2022).
2. 72<sup>nd</sup> International Astronautical Congress by International Astronautical Federation (Virtual, 25-29 Oct, 2021).
3. The Global Space Exploration Conference 2021 (Virtual, 14-18 June, 2021).
4. 7<sup>th</sup> IAA Planetary Defense Conference (Virtual, 26-30 April, 2021).
5. Participated in United Nations Space Conference on Space Law & Policy: Emerging Issues in Space Law & Policy-Perspectives for African Nations, organized in cooperation with Economic Commission for Africa (Virtual, 8-10, December, 2020).
6. Participated in World Space Forum 2020 by the United Nation Office for Outer Space Affairs (UNOOSA) held in (Virtual, 9-10, December, 2020).
7. Participated in Asia-Pacific Space Generation Online Workshop by the Space Generation Advisory Council (Virtual, 28<sup>th</sup>, 29<sup>th</sup> November & 5<sup>th</sup>, 6<sup>th</sup> December 2020 ).
8. 71<sup>st</sup> International Astronautical Congress by International Astronautical Federation (Virtual, 12-14 Oct, 2020).
9. 1<sup>st</sup> National Convention on STEM Education by STEM Education Nepal (Virtual, 15<sup>th</sup> Sept, 2020).
10. Global Hands-On Universe Conference by the International Astronomical Search Collaboration (Virtual, 22-28 Aug, 2020).
11. Participated in International Youth Conference on Science, Technology and Innovation by Nepal Academy of Science and Technology (21-23 Oct, 2019, Kathmandu, Nepal).
12. Attended the Online Webinar of the-“Using NASA EOS Data to predict, monitor, and respond to Vector-Borne and water related diseases” by the Globe Program (June-21, 2018).
13. Educator Professional Development Event on- “Technology Drives Exploration: Detecting Exoplanets presented by John Weis” by the National Aeronautics and Space Administration (Virtual, June-8, 2018).
14. Educator Professional Development Event on-ISS (International Space Station): Mass vs. Weight” by the National Aeronautics and Space Administration (Virtual, July-24, 2018).
15. Educator Professional Development Event on-“ISS (International Space Station): Environmental Control and Life Support Systems-Life Science” by the National Aeronautics and Space Administration (Virtual, July-30, 2018).
16. Educator Professional Development Event on-“Explore Flight: Real-World Balloon Aerodynamics” by the National Aeronautics and Space Administration (Virtual, Feb-11, 2019).
17. Educator Professional Development Event on -“Explore Humans in Space: Space Food and Nutrition” by the National Aeronautics and Space Administration (Virtual, Feb-21, 2019).

18. Educator Professional Development Event on- “Explore Flight: Flying in Our Atmosphere” by the National Aeronautics and Space Administration (Virtual, Feb-13, 2019).

### **Membership and Involvement:**

1. Member at YOUNGO official Children and Youth Constituency of the UNFCCC(United Nations Framework Convention on Climate Change).
2. Committee Member of the IAF/IAA/IISL Advisory Committee on History Activities(ACHA) at the International Astronautical Federation(IAF).
3. IT Officer at Nepal Health Corps(NHC).
4. Member and Mentor at Space Generation Advisory Council (SGAC).
5. Program and IT & Design Committee Member at Nepalese Space Research Association(NESRA).
6. Space Student Ambassador at THE MARS GENERATION (TMG).
7. Globe Observer at The GLOBE Program.
8. STEM Ambassador at East-West Center (EWC)-Nepal.
9. Ambassador at Student for the Exploration and Development of Space (SEDS)-Nepal.
10. City Chapter Coordinator at IDEAS For US-Kathmandu.
11. Dark Skies Ambassador at International Astronomical Union (IAU).

### **Skills**

- Programming, MS-Word, MS-Excel, Microsoft PowerPoint, Webinar conduction skill

### **Language Competence**

- Nepali, English, Hindi, and Sanskrit (in decreasing order of proficiency)

### **Visited Countries**

India

### **Referees:**

#### **Prof.Dr. Subarna Shakya**

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Tribhuvan University  
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#### **Prof.Dr. Durga Prasad Sangroula**

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### **Declaration**

I certify that all the information stated in this CV is true and complete.



7 December, 2022