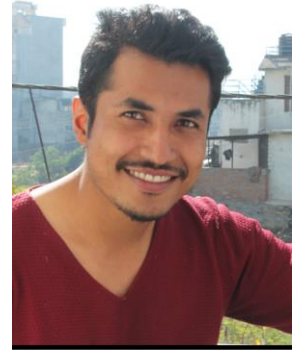


Sushil Kumar K.C.

Date of Birth : 10/07/1991 (26/03/2048 B.S.)
Nationality : Nepalese
Marital Status : Unmarried
Parents : Mr. Tank Bdr K.C. & Mrs. Gyanu Shahi
Address : Tulsipur Sub-metropolitan-12, Dang, Nepal.
Email : sushil.kc26@gmail.com, sushil.kc@sxc.edu.np
Tel. : +977 9841103308, 9823646473,
Areas of Interest : High Energy Physics, Plasma Physics, Quantum
Mechanic, Space Technology, Electronics.



EDUCATION

St.Xavier's College, Maitighar, Kathmandu

Masters of Science in Physics
Graduation Year: Thesis defense
pending- 2017
GPA: 3.5

Relevant Courses: Mathematical Physics, Statistical Physics, Solid State Physics,
Electronics, Quantum Physics, Nuclear & Particle Physics, Classical Physics, Plasma
Physics, Computational Physics,

Thesis : “ *Electrical Characterization of Plasma Jet At An Atmospheric Pressure.* ”

St.Xavier's College, Maitighar, Kathmandu

Bachelors of Science in Physics
Graduation Year:2013
Division: First

Relevant Courses: Calculus, Statistics, Analytical Geometry, Modern & Classical
Physics, Mechanics, Optics, Heat & Thermodynamics, Electronics, Quantum Mechnics,
Nuclear Physics.

Kathmandu University, Dhulikhel, Kavre, Nepal

Intermediate of Science (I.Sc.)
Graduation Year: 2009
Division: First

Relevant Courses: Physics, Chemistry, Biology, Mathematics, Computer

Gorkha Int'l Public Higher Sec School, Ghorahi, Dang

School Leaving Certificate (S.L.C.)
Graduation Year: 2007
Division: Distinction

KEY SKILLS

Computer Skills: M.S. Office, LaTeX, MATLAB, Origin, C-Programming,
Python(Introductory).

Language Skills: Nepali (Native), English, Hindi.

CONFERENCES

- ✦ **Poster Presenter:** “*Electrical Characterization of An Atmospheric Pressure Plasma Jet*”, 32nd National Symposium on Plasma Science & Technology 7-10 November, 2017 Institute for Plasma Research, (Gandhinagar 382428 Gujrat).
- ✦ **Poster Presenter:** “*Electrical Characterization of Dielectric Barrier Discharge At An Atmospheric Pressure*”, International Conference On Nano-Materials and Computational Physics (ICNMCP-2017) 27-28 December, 2017. Central Department of Physics, Kirtipur, Nepal.
- ✦ **Poster Presenter:** “*Electrical Characterization of An Atmospheric Pressure Plasma Jet*” International Conference on Physics of Space & Materials (ICPSM-2017) 7-8 September, 2017. St. Xavier’s College, Maitighar, Kathmandu.
- ✦ **Participant:** Four day- Workshop on “LASER AND ITS APPLICATIONS” (February 14-17, 2016) by Professor Dr. Kyu Man Cho from South Korea, St. Xavier’s College, Maitighar, Kathmandu.
- ✦ **Participant:** National Workshop On New Research Trends in Physics (3rd September 2016), St. Xavier’s College, Maitighar, Kathmandu.
- ✦ **Field Visit:** Aditya Tokamak & SST-I Tokamak, Institute for Plasma Research, Gandhinagar Gujrat, India

MEMBERSHIP/INVOLVEMENT

- ✦ **Life Member:** Plasma Science Society of India, Membership No:1440
- ✦ **Student Member:** American Physical Society, United States of America.
- ✦ SET Exhibition, St. Xavier’s College (2011-2013), Maitighar Kathmandu.

JOBS/EXPERIENCES

Teaching :

Six months at Xavier International College as a physics teacher for grade 11 & 12, Kalopul

Two years at Secondary Level, (2012-2014) Unique Nepal Academy, Lokanthali Bhaktapur.

REFERENCES

- ✦ Professor Dr. Deepak Prasad Subedi, Associate Dean, School of Science, Kathmandu University, +977 9841457202, dsubedi@ku.edu.np, deepaksubedi2001@yahoo.com
- ✦ Mr. Drabindra Pandit, Head of Physics Department, St. Xavier’s College, Maitighar Kathmandu, +977 9841366132, drabindra@xsc.edu.np
- ✦ Mr. Sameer Nepal, Co-ordinator at Xavier International College, Kalopul, +977 9841152741, sam.nep@gmail.com