



Mr. Birendra Prasad Pant

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Academic Background: Master's Degree in Science (M.Sc.), Physics, Tribhuvan University, Kathmandu, Nepal

Research Field: Global Solar Radiation, Observational astronomy, space science

Publications:

1. Pant Birendra P. and Poudyal Khem N. **Evaluation of global solar radiation with single and multiple parameter models in midwestern region Jumla, Nepal**, Research Journal of Physical Sciences Vol. 5(8), 1-6, November (2017) ; ISSN 2320-4796 , http://www.isca.in/PHY_SCI/Archive/v5/i8/ISCA-RJPS-2017-020.php
2. Pant Birendra P. and Poudyal Khem N. **COMPARATIVE STUDY OF ESTIMATION OF GLOBAL SOLAR RADIATION WITH METROLOGICAL PARAMETERS FOR JUMLA, NEPAL**, Journal of Patan Multiple College, Department of Physics (2018)
3. *BP Pant, PR Dhungel, U Khanal, SR Shahi* , **Study of Flux Emitted from the Outer Surface of Star Sirius Observed from National Observatory Nagarkot, Nepal** , Scientific World, Vol. 11, No. 11, July 2013, page 1-7, <https://www.nepjol.info/nepal/index.php/SW/article/view/8545>

Project Completed:

1. Study of flux emitted from the outer surface of star Vega
2. An infrared survey of isolated nebular structures at galactic latitudes 16.98° & 1.98° in the IRAS map

Ongoing Research:

Estimation of GSR using higher degree modified Angstrom, logarithm and exponential relation at the different region of Nepal

Conferences and Seminar Attended:

1. **Paper Presentation:** International Conference on Physics of Space and Materials (ICPSM 2017) Organized by St.Xavier's College, Kathmandu Nepal.
2. "National Workshop on New Research Trends in Physics" organized by Department of Physics, St. Xavier's College, Kathmandu (2016)
3. International Conference on Space Science and Technology, (June 16- June 22, 2015), Kirtipur Nepal.
4. International Conference on Astrophysics and Cosmology (ICAC), (March 19- March 21, 2012), Kathmandu Nepal.
5. Workshop on Application on Space Science, (July 08- July 10, 2011) ,Kathmandu, Nepal.