

Dr. Vikram Palodiya

Assistant Professor

Dept. of Electronics & Communication Engg.

B.E., M. Tech, Ph. D. (IIT(ISM), Dhanbad)

Email ID.- vikramp@sreenidhi.edu.in;

vikrampalodiya@gmail.com

Mob. No.: +91-9713451515



Career Highlights

4+ years of academia teaching (U.G and P.G) experience

- **ECE Department, Oriental University, Indore, India**
- **Sphoorthy Engineering College, Hyderabad, India**
- **Sreenidhi Institute of Science and Technology (SNIST), Hyderabad, India**

Research Interests

Fiber optics communication, Optical Device, Optical Device Fabrication, Optical fiber, bend-insensitive fiber, Fiber-To-The-Home Technology, CMOS Photonics

Courses Taught

VLSI Technology & Design, Low Power VLSI Digital Design Through Virilog Optical Communication, Satellite Communication

Education

Ph.D. - EE Dept., Optical Communication, IIT(ISM), Dhanbad, India, September 2017.

Doctoral Dissertation – *Design and analysis of specialty optical fibers and waveguides for optical communication system* (2013) sponsored by MHRD, Gov. of India.

M. Tech. – E&IE Dept., – Microelectronics and VLSI Design, Shri Govindram Seksaria Institute of Technology and Science, Indore, India, December 2011

Master Thesis - *Design of CMOS Positive Current Conveyor using 0.18 μm Technology*

B.E. -ECE, Ujjain Engineering College, Ujjain, India 2008

Final Year Project– *Industrial Fault Monitoring (Detection) System*

Research & Entrepreneurship Grants and Industry Consultancy

- International Travel Grant 90,000 JPY from **Japan Society of Applied Physics** and **Optical Society of America (JSAP-OSA)** for presenting a paper in JSAP-OSA Joint Symposia 2017 to be held from 05-09-2017 to 08-09-2017 in **Fukuoka, Japan**.
- International Travel Grant 80,000 JPY from **Japan Society of Applied Physics** and **Optical Society of America (JSAP-OSA)** for presenting a paper in JSAP-OSA Joint Symposia 2016 to be held from 13-09-2016 to 16-09-2016 in **Niigata, Japan**.
- International Travel Grant under the **DST International Travel Support (ITS) Scheme, Government of India** and ISM Dhanbad for presenting a paper in SPIE International Symposium on Optical Engineering + Applications, part of the **SPIE Optics and Photonics 2016** to be held from 28-08-2016 to 01-09-2016 in **San Diego, California, USA**.
- Recipient of **MHRD Scholarship** INR 28000 per month during **Ph.D. program** in Indian School of Mines, Dhanbad for doctoral course.
- International officer Travel Grant \$ 2850 from **SPIE - the international society for optics and photonics** for presenting a paper and attend student leadership workshop in **SPIE Photonics West 2016** to be held from 13-18 February 2016 in **San Francisco, California, USA**.
- International Travel Grant \$ 400 from **OSC Student Chapter, ITMO University** for presenting a paper and attend student chapter meeting in **IX International Conference of the Young Scientists and Specialists Optics-2015** to be held from 12-16 October 2015 in **Saint Petersburg, Russia**.
- International Travel Grant Rs 50000 from **SIT, IIT (ISM) University** for presenting a paper in **International Conference on Photonics Solutions 2015** to be held from 6-8 July 2015 in **Hua Hin, Thailand**. <http://www.ismaa.in/sit-awards-2015-16.html>