RESUME

Mr. SUBHENDU SAHA

Assistant Professor
Department of Physics
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PERSONAL DETAILS
Born on February 28, 1992.
Indian, Hinduism

PERMANENT ADDRESS
Village-Hatpara, Post Office-Gurpara,
Police Station-Ketugram, Purba Bardhaman,
PIN - 713 140, West Bengal, India

BRIEF PROFILE

- M. Sc. Physics

- Teaching experience 03 years.

- Research experience 4 years.

- Research interests on photonics and optoelectronics, basically developing some all optical devices which are required to establish an all optical communication and computation system by utilizing some nonlinear properties of some electro-optic material like semiconductor optical amplifier (SOA).

RESEARCH EXPERIENCE

Developed a new all optical technique for the conversion of decimal value to the frequency encoded binary bit and vice-versa and also a new scheme is proposed for all optical memory unit which are very essential for the all optical computing and all optical communication networking system.

TEACHING EXPERIENCE

1. Serving as Assistant Professor in the Department of Physics, Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly, West Bengal, India, since April 27, 2017.

EDUCATION AND QUALIFICATION

EXAMINATION PASSED	BOARD OR UNIVERSITY	SCHOOL OR COLLEGE	PERCENTAGE/C GPA OBTAINED	YEAR OF PASSING
MADHYAMIK EXAMINATION	WEST BENGAL BOARD OF SECONDARY EDUCATION	KHATUNDU HUGH SCHOOL,KHATUNDI,BURDWAN	88%	2007
HIGHER SECONDARY	WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION	KATWA KASHIRAM DAS INSTITUTION(K.D.I , KATWA)	80.6%	2009
B.Sc. Physics(H)	UNIVERSITY OF BURDWAN	KATWA COLLEGE	62.25%	2013
M.Sc. Physics (special paper: Electronics and communication system)	BANARAS HINDU UNIVERSITY(BHU)	BANARAS HINDU UNIVERSITY	7.46 (CGPA)	2015

LIST OF PUBLICATIONS

1. Subhendu Saha, Subhendu Biswas, Sourangshu Mukhopadhyay, "Optical scheme of conversion of a positionally encoded decimal digit to frequency encoded Boolean form using Mach–Zehnder interferometer-based semiconductor optical amplifier", IET OPTOELECTRONICS,Volume 11, Issue 5, October 2017, p. 201 – 207, DOI: 10.1049/iet-opt.2016.0078.
2. Subhendu Saha, Shuvra Dey, Sourangshu Mukhopadhyay, "all optical wavelength encoded 1-bit memory unit exploiting the nonlinear character of asymmetric mzi-soa switch", accepted for poster presentation in The International Conference on Fiber Optics and Photonics (PHOTONICS 2016), 4th to 8th December,2016, DOI:https://doi.org/10.1364/PHOTONICS.2016.Th3A.32
3. Subhendu Saha, Sourangshu Mukhopadhyay, " All Optical Dual Mode Oscillator using Symmetric Configuration of MZI-SOA switch.", NSCMPLA-2017, 8th TO 9th MARCH, 2017, THE UNIVERSITY OF BURDWAN.