

## 1 .Design and analysis of a reconfigurable XOR/OR logic gate using 2D photonic crystals with low latency

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<https://doi.org/10.1007/s11082-020-02550-y>

## 2. A novel surface plasmon based photonic crystal fiber sensor

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Optical and Quantum Electronics (2020) 52:290

<https://doi.org/10.1007/s11082-020-02403-8>

## 3. Certain Investigation on Visible Light Communication with OFDM Modulated White LED Using Optisystem Simulation

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Wireless Personal Communications

<https://doi.org/10.1007/s11277-019-06617-2>

## 4. Cross polarization modulation based wavelength conversion with very low pump power in SOA: An investigation

Sarojini R, Sivanantha Raja A<sup>b</sup>, Selvendran S<sup>c</sup>, Esakki Muthu K

Optik - International Journal for Light and Electron Optics 185 (2019) 852–858

## 5. A study on the effect of dispersion flattened characteristics of highly nonlinear fiber in fiber optic parametric amplification

Selvendran S, Sivanantha Raja A<sup>b</sup>, Esakki Muthu K

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