



Module PMRF-ISSS158/III/2024

Photonics Device's Analysis and Simulation

Name of the PMRF student

Pragya Mishra

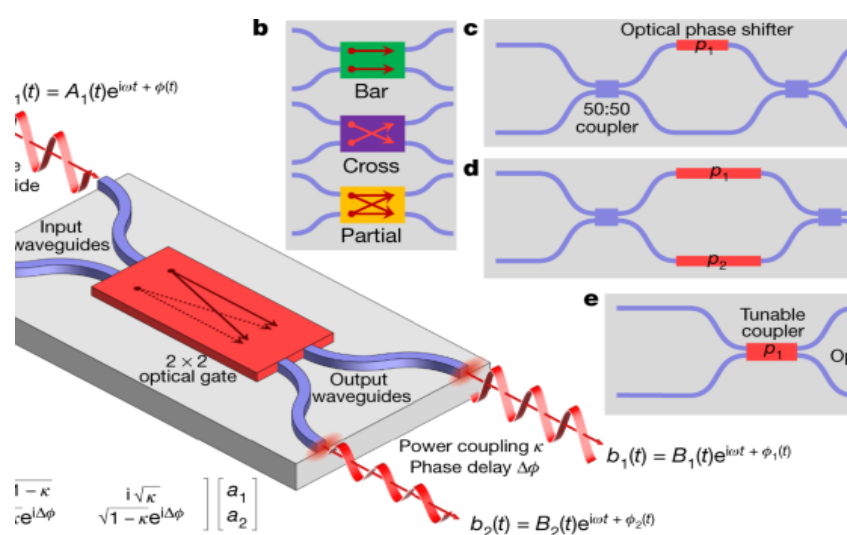
Required background of the students taught

Discipline(s) : Electronics Engg,
Electrical Engg, UG in physics and
interdisciplinary branches (optics and
photonics)

Details of the content of the module

- Waveguide Simulation and Analysis
- Directional Coupler Simulation and Analysis
- Ring Resonator Simulation and Analysis
- Nested Ring Resonator Simulation and Analysis

The course will be taught in both Theory and Simulation. The demonstration of the simulation results will be provide along with class and home assignment. The doubts solving lectures will be provided after the end of each sub-topic.



<https://images.app.goo.gl/pKbRzHqywJphghNe9>

Schedule of the module

Days : Tuesday, Wednesday and Thursday

Duration : 1.5 hours from 22nd October 2024

Duration of Course : 16-18 hours.

Meeting link : Will be shared later

Link

Contact email ID: pragyamishra@iisc.ac.in

Registration link:

<https://forms.gle/qA3PYqcMrhPUWnPm7>