



Study of swift heavy ion effects on Zinc gallium oxide-based photodetectors and Schottky barrier diodes



Vandana Sharma, Department of Physics

IIT Delhi Advisor & Dept.: Prof. J. P. Singh, Dept. of Physics
NYCU Advisor & Dept. : Prof. Ray Hua Horng, Institute of Electronics

- 4-5 brief bullet points describing your research work
- Growth of epilayer of ZnGa_2O_4 on sapphire substrate using metal oxide chemical vapor deposition
- Fabrication of ZnGa_2O_4 thin film-based Schottky barrier diode and deep UV Photodetector.
- Effect of swift heavy ions irradiation on the properties of these devices.

