

## On Going Projects

**Title: Development of wide bandgap semiconductor based Solar Blind Photodetectors**

**Funding Agency: ISRO-RESPOND**

**Project Amount: Rs.21, 47, 840/-**

**Period: 2024-2026**

**Role: Principal Investigator**

**Title: Development of High Performance Ultraviolet Photodetectors through Charge Carrier Engineering in Chemical Vapour Deposited monoclinic  $\beta$  Gallium Oxide Thin Films**

**Funding Agency: SERB-CRG**

**Project Amount: Rs.22,10, 000/-**

**Period: 2024-2027**

**Role: Principal Investigator**

**Title: Investigating the Effect of Proton Irradiation on the Performance of Gallium Oxide Based UV Photodetector for Application in Space Communication Devices**

**Funding Agency : UGC-DAE-CSR, Indore**

**Project Amount: Rs.5,94,720/-**

**Period: 2024-2027**

**Principal Investigator: Dr.P.Kathirvel**