

**Dr. Shashwat Pathak (Electronics and Communication Engineering)**

**Specialization**

**M.Tech:** Communication Systems

**Ph.D:** Telemedicine, Medical Diagnostic Devices based on Imaging

**Area of Interest**

**Research:** Wireless Communication, Telemedicine, Medical Diagnostic Devices based on Imaging

**Technology Development:** Telemedicine, Image Processing Based Applications

**Innovation:** Portable Cataract Detection System, Automated Detection of Trauma from Ocular USG images

**Technology Transfer:** Integrated Telemedicine Platform

**Other:** Indian Patent 03

**Participated - In Specialized Training / Certified Courses:** 20

**Publication - Books / Chapters / Papers / Articles / Blogs:** SCI Journals (02), Scopus Indexed International Conferences (08), Indian Patents Filed (02)

**Funded Projects Undertaken:** Portable Automated Cataract Detection System funded by Ministry of Electronics and IT (MeiTY), GoI

**Any other information:** Received Start-up grant from MeiTY for Ph.D thesis Problem Statement's solution.