

## **DST-FIST PROJECT**

Based on the recommendations of the FIST Advisory Board (FISTAB), the College was sanctioned an amount of Rs. 20 lakhs under DST-FIST Program (Level-0). An amount of Rs. 9.5 lakhs was released during the Academic Year 2013-14 to augment research facilities. EMI-EMC setup was procured and installed. Under the program, the students are undertaking project works and research.

- 1) Project Title : Miniaturized Antenna Measurement through EMI/EMC Setup
- 2) Funding Agency : DST-FIST
- 3) Amount and Duration : Rs.20,00,000/-,  
2012-17(Implemented Total sanctioned amount)
- 4) Original objectives of the project:
  - To enable facilities for promoting R & D activities in new and emerging areas and attract fresh talents of students & faculty.
- 5) Achievements vis-à-vis these objectives:
  - One batch of UG students, PG students who did the project on (Reconfigurable Antennas using RF MEMS Switch & Metamaterial Antenna) Antennas, and a PhD student got trained through EMI/EMC setup.
  - Published and presented papers in reputed journals and Conferences.
  - Applied research proposals to various funding agencies.
- 6) Outcomes / New observations, finding and its relevance etc.
  - A.SRAVANTHI (11121A0404), M.MOUNIKA (11121A0454), M.REVANTH CHOWDARY (11121A0458), M.SANKAR (11121A0450), & M.PRANEETH (11121A0452) did their project on "Design and Fabrication of Bow-Tie Microstrip Antenna for Wireless Applications".
  - Designed antenna was measured using EMI/EMC Setup.

7) Equipment photos/ Developed devices



**Complete EMI/EMC Setup**