

Advanced Materials Research Lab



Advanced Materials Research (AMR) laboratory was established in 2018 to provide research facilities to faculty and students in the physical, chemical, and engineering sciences, and to strengthen interdisciplinary research in the field of material and nanotechnology. The laboratory has a team of twelve core faculty members, including those from the engineering stream.

The current research focus of the AMR lab includes the development of anticorrosion materials, the synthesis of nanocomposites, studies on the optical and electrical properties of nanomaterials, synthesis and studies of flame-retardant polymer materials, and synthesis of bioactive heterocyclic compounds.

Equipment offered by Advanced Materials Research Lab

The laboratory is equipped with a range of instruments including an autoclave (complete SS), a digital pH meter (model: 335), a KBr pallet maker, a magnetic stirrer (2L), an oil bath, a sonicator bath (2.5L), a tubular furnace, and a UV cabinet

- Autoclave (complete SS)
- Digital pH meter (model: 335)
- KBr Pallet Maker
- Magnetic Stirrer 2L
- Oil bath
- Sonicator Bath (2.5L)
- Tubular Furnance
- UV Cabinet