The Institute's activities, covering 12 technical activity areas, are as follows:

- 1. Industrial Research
  - (a) Research and Development
  - (b) Engineering Testing
  - (c) Scientific Testing
  - (d) Industrial Design and Fabrication
- 2. Standards and Standardisation
  - (a) Standards Development
  - (b) Standards Promotion and Implementation
  - (c) Quality Assurance and Certification
  - (d) Metrology
- 3. Industrial Consultancy Services
  - (a) Industrial Extension
  - (b) Industrial Liaison
  - (c) Technical Information
  - (d) Technical Publications

SIRIM provides specialised assistance in the development of technology in the metal working industries in Malaysia through the Metal Industry Technology Centre (MITEC) and Metal Industry Research and Development Centre (MIRDC).

Of particular significance is the Patent and Information Documentation Centre (PIDC) which was set up in May 1984 to acquire the "state-of-the art" (acquiring information concerning certain technology) and novelties, to identify copyright of devices that have not been patented in Malaysia and make copies of patents.

Reference available at PIDC include 1.6 million patent documents obtained from all over the world.