

Following is the table representing the courses offered by the MMD in the PhD programme.

Table 2.1 Courses offered in the PhD programme.

Common Courses		
Course #	Course Title	Credit Hours
CT-646	Research Methodologies	3
Materials Engineering		
Course Code	Course Title	Credit Hours
MM-601	Advance materials characterization Techniques	3
MM-602	Advance materials and processes	3
MM-603	Nano Engineering and Smart materials	3
MM-604	Thin Film Technology	3
MM-605	Environment Engineering and Solar Energy Systems	3
MM-606	Biomaterials	3
MM-607	Dental implants	3
MM-608	Surface engineering of dental implants	3
MM-609	Hydrometallurgical Processes and Techniques	3
MM-610	Pyrometallurgical Processes and Techniques	3
MM-611	Computational Materials Science	3
MM-612	Fracture Mechanics and Failure Analysis	3
MM-613	Advanced Mineral Processing Techniques	3