

**Department of Materials Science**

**List of Courses having focus on Employability/ Entrepreneurship/ Skill development- 2022-23**

Program me Code	Name of the Course	Course Code	Year of introduction	Employability	Entrepreneurship	Skill development
MS	Methods of Mathematical Physics	MSH 401	2022-23	✓		
MS	Electromagnetic Theory and Electronics	MSH 402	2022-23	✓		
MS	Elements of Materials Sciences - I	MSH 403	2022-23	✓		
MS	Thermodynamics and Chemistry of Metals	MSH 404	2022-23	✓		
MS	Materials Science Lab - I	MSP 405	2022-23	✓		
MS	Materials Science Lab - II	MSP 406	2022-23	✓		
MS	Quantum Mechanics - I	MSH 451	2022-23	✓		
MS	Classical Mechanics and Statistical Physics	MSH 452	2022-23	✓		
MS	Elements of Materials Sciences - II	MSH 453	2022-23	✓		
MS	Surface Phenomena and Electrochemistry	MSS 454	2022-23	✓		
MS	Materials Science Lab - III	MSP 455	2022-23	✓		
MS	Materials Science Lab - IV	MSP 456	2022-23	✓		
MS	Science of Materials in Daily Life	MSE 457	2022-23	✓		
MS	Dielectric Materials	MSH 501	2022-23	✓		
MS	Solid State Engineering Materials - I	MSH 502	2022-23	✓		
MS	Thin Films	MSS 503	2022-23	✓		
MS	New Materials and	MSH 504	2022-23			

	Technologies			✓		
MS	Polymer Science	MSS 505	2022-23	✓	✓	
MS	Nanoscience and Nanotechnology - I	MSS 506	2022-23	✓		
MS	Crystal Growth	MSS 507	2022-23	✓		
MS	Quantum Mechanics - II	MSS 508	2022-23	✓		
MS	Materials Science Lab - V	MSP 509	2022-23	✓		
MS	Materials in Energy Production	MSE 510	2022-23	✓		
MS	Magnetic Materials and Magnetic Resonance	MSH 551	2022-23	✓		
MS	Solid State Engineering Materials - II	MSH 552	2022-23	✓		
MS	Materials Testing and Characterization	MSS 553	2022-23	✓		✓
MS	Composite Materials	MSS 554	2022-23	✓	✓	
MS	Nanoscience and Nanotechnology - II	MSS 555	2022-23	✓		
MS	Materials Science Lab - VI	MSP 556	2022-23	✓		
MS	Materials Science Lab - VII	MSP 557	2022-23	✓		
MS	Mini Project	MSP 558	2022-23	✓		

*Ram H. Patel*

Chairperson, DOS

Chairman

Department of Materials Science  
Mangalore University  
MANGALAGANGOTRI - 574 19