

Curriculum
Ph.D.
NEW Program



॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

Indian Institute of Technology Jodhpur

Proposed Curriculum
Ph.D. (Energy) and Ph.D. (Mechanical Engineering)
 NEW Program

Cat.	Course Number: Course Title	L-T-P	Credits		Cat.	Course Number: Course Title	L-T-P	Credits
I Semester					II Semester			
E	Elective 1	3-0-0	3		E	Elective 5	3-0-0	3
E	Elective 2	3-0-0	3		E	Elective 6	3-0-0	3
E	Elective 3	3-0-0	3		E	Elective 7	3-0-0	3
E	Elective 4	3-0-0	3		E	Elective 8	3-0-0	3
Total					Total			
III Semester					IV Semester			
TH	EN799/ME799 Ph.D. Thesis				TH	EN799/ME799 Ph.D. Thesis		
Total					Total			
V Semester					VI Semester			
TH	EN799/ME799 Ph.D. Thesis				TH	EN799/ME799 Ph.D. Thesis		
Total					Total			
VII Semester					VIII Semester			
TH	EN799/ME799 Ph.D. Thesis				TH	EN799/ME799 Ph.D. Thesis		
Total					Total			

Electives

Semester I				Semester II			
ME751	Advanced Fluid Mechanics	3-0-0	3	ME756	Boundary Layer Theory	3-0-0	3
ME752	Theory of Arc Welding Processes	3-0-0	3	ME757	Metallurgy of Joining Processes	3-0-0	3
ME753	Vibration in Mechanical Systems	3-0-0	3	ME758	Vibration in Agricultural Implements	3-0-0	3
ME754	Failure Analysis	3-0-0	3	ME759	Rotor Dynamics	3-0-0	3
ME755	Soil and Water Conservation Engineering	3-0-0	3	ME760	Quality Control of Weldments	3-0-0	3
				ME761	Renewable Energy Sources	3-0-0	3
				PH751	Nuclear Physics	3-0-0	3

S.No.	Category	Category Title	Students with	Total Courses	Total Credits
1	E	ELECTIVES	Master's Degree	4	12
			M. Sc. Degree	10	30
			Bachelor's Degree	10	30
2	H	Thesis	-	-	-