



## List of Research Institutes and tentative list of available vacancies

College	Department	Name of supervisors	Tentative list of available vacancies	Research areas/Specialization	Major research facilities in the departments
Madhav Institute of Technology & Science, Gwalior	MECHANICAL ENGINEERING	Dr. Manish Sagar	4	Production Engineering, Industrial Engineering	High end equipments and softwares for production, design, Thermal and maintenance, All laboratories are equipped with modern equipments/facility for research perpose, SKF reliability training centre for maintenance engineering, Department is having the industrial support (industry of malanpur & Banmore)
		Dr. M.K. Gaur	1	Solar thermal Engineering , Heat Transfer RAC	
		Dr. Pratesh Jayaswal	3	Machine/Product Design Maintenance Engineering , Vibration Analysis, Quality Management	
		Dr. C.S. Malvi	5	Energy, Design	
Madhav Institute of Technology & Science, Gwalior	ELECTRICAL ENGINEERING	Dr. L. Srivastava	3	AI applications to Power System Analysis & Control	Bio-Medical Engineering lab, Computational lab equipped with all standard power system analysis software packages and MATLAB tool boxes
		Dr. M. Pandit	4	AI applications to Power System Renewable energy integration to power system, Nature Inspired Computation and its applications to Electrical Power Systems, Economic Operation of Power system, Artificial Intelligence/soft computing/ ANN & Fuzzy logic applications in power system.	
		Dr. A.K. Wadhvani	1	Application of DSP and Soft Computing in the analysis of BIO-Electrical Signals.	
		Dr. S. Wadhvani	4	Feature Extraction for Abnormality Detection using DSP & Soft Computing.	
Madhav Institute of Technology & Science, Gwalior	CIVIL ENGINEERING	Dr. S.K. Jain	4	Structural Engg. CTM	All Civil Engineering lab, Project Management Software, MATLAB, E-Journals ASCE, Science Direct
		Dr. Sanjay Tiwari	6	Structural Engg. Construction Management	
		Dr. Rajeev Kansal	6	Construction Technology & Management	
		Dr. M.K. Trivedi	5	Water Resource Engg. construction Cost Management	
Madhav Institute of Technology & Science, Gwalior	COMPUTER SCIENCE AND ENGINEERING AND INFORMATION TECHNOLOGY	Dr. R. K. Gupta	3	Data Mining & Warehousing	Computing Facility, Subscription of Reputed Journals, Availability of various tools for Implementation and experimentation purpose
		Dr. Akhilesh Tiwari	4	Data Mining, Pattern warehousing	
		Dr. Manish Dixit	1	Image Processing, Artificial Intelligence	
		Dr. Sanjiv Sharma	5	Data Mining and Social Network Analysis	
Madhav Institute of Technology & Science, Gwalior	ARCHITECTURE	Dr. R.K. Pandit	2	Urban Development, Construction Management	All Equipments and software for Urban Design & Planning
		Dr. Alok Sharma	4	Environmental Planning	
		Dr. Sanjay Singh Jadon	4	Urban Design	
		Dr. Anjali S. Patil	4	Urban Planning	