

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Department of Electronics Engineering

R&D Projects / MODROB / Any other Projects

S. N.	Type of Project and Title	Funding Agency	Date of Sanction and Amount	Name of Principal Investigator & Co-PI	Present Status (on Going/ Completed)
1	R&D Under the career awards for young teachers scheme	All India Council for Technical Education (AICTE)	1999 Rs 4.00 Lac	Dr.P.K.Singhal	Completed in 2001
2	R&D Computer aided design and analysis of Microwave Planar circuits	All India Council for Technical Education (AICTE)	1999 Rs 6.00 Lac	Dr.P.K.Singhal	Completed in 2001
3	R&D Design and analysis of microwave bootlace lens	Department of Science and Technology, Ministry of Science and Technology, Govt of India under the Young Scientist Scheme (DST)	1999 Rs 1.5 Lac	Dr.P.K.Singhal	Completed in 2001
4	R&D Computer aided design and analysis of broad band Microstrip Antenna	University Grants Commission Bhopal (UGC)	2002 Rs 5.56 Lac	Dr.P.K.Singhal	Completed in 2004

5	FIST Establishment of Image Processing Laboratory	Department of Science and Technology, Ministry of Science and Technology (DST)	2002 Rs 14.50 Lac	Dr. S.S. Bhadauria	Completed in 2004
6	MOBROB Development of Microwave Lab	All India Council for Technical Education (AICTE)	2003 Rs 10 Lac	Dr.P.K.Singhal	Completed in 2005
7	R&D Computer aided design and analysis of broad band Microstrip Antenna	Madhya Pradesh Council of Science and Technology (MPCST), Bhopal	2003 Rs. 2.0 lacs	Dr.P.K.Singhal	Completed in 2005
8	R&D Design and Development of Microwave Bootlace Lens for Multiple Beam	Department of Science and Technology, Ministry of Science and Technology (DST)	2005 Rs. 6.12 lacs	Dr.P.K.Singhal	Completed in 2007
9	MOBROB Modernization of computational electromagnetic laboratory	All India Council for Technical Education (AICTE)	2006 Rs 10 Lac	Dr.P.K.Singhal	Completed in 2008
10	RPS Design and analysis of microwave planar circuits	All India Council for Technical Education (AICTE)	2007 Rs 12.35 Lac	Dr.P.K.Singhal	Completed in 2009
11	R&D Congestion Control in Ad hoc Networks	The Institution of Engineers (IEI)	2009 Rs. 0.5 lacs	Dr. S.S. Bhadauria & Dr. Laxmi Shrivastava	Completed in 2012
12	MODROB Development of Antenna and Radiation	All India Council for Technical Education (AICTE)	2011 Rs 5.5 Lac	Dr.P.K.Singhal	Completed in 2013

	Laboratory				
13	RPS Spectrum Sensing for Cognitive Radio Applications	All India Council for Technical Education (AICTE)	2011 Rs 6.60 Lac	Dr Rekha Gupta	Completed in 2013
14	R&D Fuzzy Logic Based Congestion Control for Mobile Adhoc Networks	Madhya Pradesh Council of Science and Technology (MPCST), Bhopal	2014 Rs. 3.05 Lacs	Dr. S.S. Bhadauria & Dr. Laxmi Shrivastava	Completed in 2016
15	Stress Detection using EEG Signals	Innovative research Scheme under TEQIP-III	2020 1.78 Lacs	Dr. Laxmi Shrivastava Prof. Sourabh Singh Raghuvanshi	On Going
16	Design and Analysis of High Gain Dual Polarized Base Station Antenna Array for 4G/5G application	Innovative research Scheme under TEQIP-III	2020 1.95 Lacs	Dr. Vandana Vikash Thakare Dr. P.K.Singhal	On Going
17	IOT Based Wireless Sensor Network for Air Monitoring .	Innovative research Scheme under TEQIP-III	2020 1.84 Lacs	Prof. Madhav Singh	On Going
18	Design of High Speed Non Volatile Memister based SRAM Cell for Cache Memories	Innovative research Scheme under TEQIP-III	2020 1.95 Lacs	Dr.Karuna Markam Dr.Vikas mahor	On Going

Dr. Laxmi Shrivastava
(I/c HoD)