



**Mody Institute of Technology & Science**  
**Deemed University under Sec. 3, of UGC Act, 1956**  
**(ISO 14001:2004 Certified)**

**Projects under Process**

S. No.	Project Title	Scheme/ Funding Agency	PI/Co-PI
1.	Development of non-transgenic strategies to control Potyvirus diseases	DST, New Delhi Indo–Bulgarian inter-governmental Prog. of cooperation in Science & Technology	Dr. R.K.Gaur Dr. AntonyStoev
2.	Design and Application of two novel Degenerate primer identification and complete characterization of potyviruses	DBT, New Delhi	Dr. R.K.Gaur D.K.Choudhary
3.	DBT-MITS Plant Molecular Biology Centre	DBT, New Delhi	Dr.R.K.Gaur Dr. D.K.Choudhary Dr. K.P.Sharma
4.	Functional Analysis of gene controlling Begomovirus resistance in Tomato	DBT, New Delhi	Dr.R.K.Gaur Dr. D.K.Choudhary
5.	Molecular defense mechanisms and proteome analysis of Rhizobacteria-induced systemic resistance in Glycine max L. (Merrill) against leaf pathogens	DBT-RGYI SCHEME	Dr. D. K. Choudhary Dr. R.K. Gaur
6.	Biochemical and Molecular characterization of Starch degrading Thermophilic Bacteria, Isolated from Arid and Semi- Arid region of Rajasthan	DST student project, Rajasthan	Dr. P.K. Jain
7.	Synthesis and Biological evaluation of some novel 1,4-Benzodiazepines	DST student project, Rajasthan	Dr.K.L.Ameta
8.	Use of cerium iron oxide nanoparticles in photocatalytic degradation of some dyes	DST student project, Rajasthan	Dr.K.L.Ameta
9.	Synthesis and Biological evaluation of some heterocyclic derivatives of isatin	DST student project, Rajasthan	Dr.K.L.Ameta
10.	Analysis of the resistance pattern to metals of bacterial population in sewage waste	DST student project, Rajasthan	Dr. VivekBajapi
11.	Biodegradation of Crude oil by Potent Bacterial Population, Isolated from Heavily Petroleum Contaminated Sites of Barmer Region, Rajasthan, India	DST, New Delhi	Dr. P.K. Jain
12.	Assessment Of Heavy Metal Resistance Pattern And Removal By Sewage Bacterial Strains And Their Recombinants	DST, New Delhi	Dr. VivekBajapi