

RESUME OF DR. MAHENDRASINH M. RAJ

- **Name:** **DR. MAHENDRASINH MADHAVSINH RAJ**
- **Designation:** Principal, Institute of Science & Technology for Advanced Studies & Research (ISTAR), The Charutar Vidya Mandal (CVM) University.
Dean, Faculty of Science, The Charutar Vidya Mandal (CVM) University.
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Email: principal.istar@cvmu.edu.in, mahendrasinh.raj@cvmu.edu.in
- **Qualification:** **M.Sc. (Polymer Chemistry):** Sardar Patel University, Vallabh Vidyanagar – 388 120, District: Anand, Gujarat, India.
Ph.D (Chemistry): Sardar Patel University, Vallabh Vidyanagar – 388 120, District: Anand, Gujarat, India.
CCC+: Sardar Patel Institute of Public Administration, Ahmadabad, Gujarat
- **Area of Interest:** Polymer Composites, Biodegradable polymers, Polymer Blends, Polymer drug delivery systems, Synthesis of novel polymers, Development of new polymer processing system
- **Industrial Experience:** 01 Year
- **Teaching Experience:** 27 years
- **Total Experience:** 28 Years
(Teaching+ Industry)
- **Research Guidance:**
- **M. Phil Completed:** 01 Number of Students.
- **Ph.D** 03 Students Ph.D degree awarded under my guidance + 07 Ph. D students had submitted synopsis.
- **Research Project Completed:** 03
- **Title of Research Project:**
 1. Synthesis & Characterization of unsaturated polyester resin. Funding Agency: SaiFibre Glass, Vadodara, Gujarat.
 2. Novel Epoxy based phenolic oligomers as a coupling component in polymeric azo dyes. Funding Agency: University Grant Commission (UGC), New Delhi.
 3. Dispersion & Characterization of fillers in some commercial thermoplastics polymers – Industrial Consultancy Project: Shri Rama

Minerals, Bhuj, Gujarat.

- **Research Guide Approval:** • Approved as Research Guide in subject of Chemistry and Industrial Chemistry by Sardar Patel University and CVM University, Vallabh Vidyanagar, Gujarat.
- **Research Publication: Research Papers Published: 72**
- **Paper/Poster Presentation in National Conference: 27**
- **Refresher Course/ Orientation Course Attended: 03 + 02 Training Programme**
- **Achievements:**
 1. Working as a team member for getting runners-up position in the category of best institute contributing polymer/plastics course at national level which is awarded by Plastindia foundation, New Delhi.
 2. Awarded Late Shree PunjabhaiShankarbhai Patel Scholarship in 1995-96.
- **Seminar Organized:**

Organized one day seminar on “Polymer Technology – Materials, Process & Design” and work as an organizing convener.
- **Participation in Seminars/symposia/ conferences:** Total number of participation: 25