

Name of Employee	:	Sachin R. Patel
Employee ID	:	3155
Designation	:	Teaching Cum Research Assistant
Department	:	Physical Sciences
Institute	:	P. D. Patel Institute of Applied Sciences (PDPIAS), Charotar University of Science & Technology (CHARUSAT), Changa
Office	:	Room No. 309, (EC/ EE Building, CSPIT)
Mobile No.	:	+91-94276-24953
Email Address	:	sachinpatel.phys@charusat.ac.in
Google Scholar (Research profile)	:	https://scholar.google.co.in/citations?user=yfTN5zsAAAAJ&hl=en&oi=ao
Research Gate	:	https://www.researchgate.net/profile/Sachin-R-Patel
LinkedIn (Connect)	:	https://www.linkedin.com/in/sachin-patel-7626b865/
Vidwan	:	https://vidwan.inflibnet.ac.in/profile/275207
Research area	:	Engineering and Biomedical applications of Magnetorheological Fluids
Publications	:	<p>S. R. Patel, D. M. Patel, and R. V. Upadhyay. "Performance Enhancement of MR Brake Using Flake-Shaped Iron-Particle-Based Magnetorheological Fluid." <i>Journal of Testing and Evaluation</i> 48.3 (2020).</p> <p>S. R. Patel, R. V. Upadhyay, and D. M. Patel. "Life-cycle evaluation of anisotropic particle-based magnetorheological fluid in MR brake performance." <i>Brazilian Journal of Physics</i> 50.5 (2020).</p> <p>S. R. Patel, R. V. Upadhyay, and D. M. Patel. "Design optimization of magnetorheological brake using structural parameter: evaluation and validation." <i>IOP Conference Series: Materials Science and Engineering</i>. Vol. 992. No. 1. IOP Publishing, (2020).</p>