

**Dr. Amar Ballabh**  
Associate Professor



**Department of Chemistry**  
DST-FIST sponsored Department  
Faculty of Science,  
The M.S. University of Baroda,  
Vadodara – 390 002 India

**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

---

May 10, 2023

**CERTIFICATE**

This is to certify that the work presented in the thesis entitled *Synthesis, Characterization and Applications of Novel Self-Assembled Fibrillar Networks* submitted by **Mr. Patel Ajaykumar Manibhai** for the award of degree of **Doctor of Philosophy in Chemistry** is authentic and original research work carried out by her under my guidance and supervision in the Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara 390002, India.

**Dr. Amar Ballabh**  
Research Supervisor

**Prof. Padmaja P. Sudhakar**  
I/C Head  
Department of Chemistry

