



<b><i>Title of the Research Project</i></b>	Mechanical properties of Reactive Powder Concrete (RPC) containing various mineral admixtures under different curing conditions.
<b><i>Period of Research</i></b>	2010 to 2012
<b><i>Funding Agency</i></b>	University of Pune
<b><i>Reference Number</i></b>	0910-0118
<b><i>Name of the Principal Investigator</i></b>	Mr. M. V. Bhogone
<b><i>Name of the Co-Investigator</i></b>	Mrs. J. P. Bhusari
<b><i>Grant Received (Rs.)</i></b>	2,00,000
<b><i>Objectives of the project</i></b>	<p>The research work investigated the mechanical properties viz. compressive strength, flexural strength, tensile strength, static modulus of elasticity of Reactive Powder Concrete (RPC).</p> <p>These properties were investigated for RPC containing mineral admixtures viz. 1) silica fume, 2) fly ash under normal curing and accelerated curing.</p>
<b><i>Number of UG/PG Project Groups</i></b>	01
<b><i>Publications out of this Research (if any)</i></b>	Nil
<b><i>Photograph of Equipment Fabricated / Instruments purchased</i></b>	 <p style="text-align: center;"><b>Accelerated curing tank</b></p>
<b><i>Any other information</i></b>	Nil

<b><i>Title of the Research Project</i></b>	Parametric studies on characterization of Reactive Powder Concrete.
<b><i>Period of Research</i></b>	2014-2016
<b><i>Funding Agency</i></b>	Savitribai Phule University of Pune
<b><i>Reference Number</i></b>	13ENG000587
<b><i>Grant Received (Rs.)</i></b>	1,40,000
<b><i>Objectives of the project</i></b>	<ul style="list-style-type: none"> <li>▪ Establish mix design process.</li> <li>▪ Study the effects of humidity and temperature on the strength characteristics.</li> <li>▪ Evaluate the bond characteristics.</li> </ul>
<b><i>Number of UG/PG Project Groups</i></b>	02
<b><i>Publications out of this Research (if any)</i></b>	
<b><i>Photograph of Equipment Fabricated / Instruments purchased</i></b>	 <p style="text-align: center;"><b>Humidity chamber</b></p>
<b><i>Any other information</i></b>	Co-Investigator: M. V. Bhogone

<b><i>Title of the Research Project</i></b>	Influence of fiber strength on fracture characteristics of normal and high strength concrete.
<b><i>Period of Research</i></b>	2016-2018
<b><i>Funding Agency</i></b>	Savitribai Phule University of Pune
<b><i>Reference Number</i></b>	15ENG000219
<b><i>Grant Received (Rs.)</i></b>	1,40,000
<b><i>Objectives of the project</i></b>	In this study, the effects of the fiber strength on the fracture properties are investigated in normal and high strength concrete. The effects of different types of fibers and dosages on fracture and mechanical properties are also proposed to be investigated.
<b><i>Number of UG/PG Project Groups</i></b>	02
<b><i>Publications out of this Research (if any)</i></b>	
<b><i>Photograph of Equipment Fabricated / Instruments purchased</i></b>	
<b><i>Any other information</i></b>	Co-Investigator: Mrs. J. P. Bhusari