



Bharatiya Vidya Bhavan's  
**SARDAR PATEL COLLEGE OF ENGINEERING**

(Government Aided Autonomous Institute)  
Munshi Nagar, Andheri (W) Mumbai – 400058



**The consolidated list of Sponsored Research Projects**

Sr. No.	Principal Investigator /Co.- PI	Title of Research Proposal	Sanctioned Amount (Rs.)	Year	Sponsoring Agency/Institution
<b>Department of Civil Engineering</b>					
1.	Dr. Hansa Jeswani	Use of Pervious concrete as a rapid gravity filter media	100000	2014	TEQIP-II
2.	Prof. Kshitija N.	Use of coconut fibers to improve properties of concrete	55000	2014	TEQIP-II
3.	Dr.P.P.Nagrle	Economic Analysis of Roller Compacted concrete pavement with flexible pavement	79000	2014	TEQIP-II
4.	Prof. Pratibha Singh	Mapping Groundwater quality of Malad-East using GIS System	10000	2015	TEQIP-II
5.	Prof. S.J.Kumbhar	Assessment of Pollution Strength & Flood Plain Zoning of Meethi River by using ArcGIS	74000	2015	TEQIP-II
6.	Prof. Kshitija N.	Use of Iron-ore tailings as Construction Materials	90000	2015	TEQIP-II
7.	Dr. Hansa Jeswani	Conversion of Sullage to Non Potable water using	85000	2015	TEQIP-II
8.	Dr. P. Gaikwad	Design and analysis of solid waste plant	206890	2016	TEQIP-II
9.	Dr. Hansa Jeswani	Deelopment of portable device for water disinfection using silver	215000	2016	TEQIP-II
10.	Prof. Reshma Raskar	Transportation infrastructure vulnerability and risk mapping for metro cities of India	225000	2016	TEQIP-II
11.	Prof. A. N. Ghadge	Effect of electrode surface area to volume of anodic chamber on performance of microbial fuel cell	232000	2016	TEQIP-II
12.	Hansa Jeshwani	Study of characteristics of ultra high performance concrete	50,000	2016	TEQIP-II
13.	A R Kambekar	Experimental Analysis of SFRC and CFRC to increase sustainability of structure	51296	2016	TEQIP-II
14.	Dr. Prashant Nagrale	Transportation system management	20000	2017	University of Mumbai
15.	Prajakta Mukadam	To study engineering properties of Geo-polymer concrete	23420	2017	TEQIP-II
16.	Dr. A A Bage	Investigation of performance characteristics of recycled aggregates using Pozzolonic Materials	100000	2017	TEQIP-II
17.	Dr. M. M. Murudi	Effectiveness of various Helical Spirals as a confinement and Anti-Burst Reinforcement	158700	2017	TEQIP-II
18.	Dr. M. M. Murudi	Experiment study on the Influence of fine particles in crushed Aggregate on Properties of The Resulting Concretes	73140	2017	TEQIP-II
19.	Prof. Shoeb Khan	Strengthening of Reinforced Concrete Beams using Glass and Carbon Fiber Polymer Composites	37500	2017	TEQIP-II
20.	Dr. P. H. Sawant	Concrete 3D Printer	88250	2017	TEQIP-II

21.	Dr. A. R. Kambekar	Flood estimation and forecasting using RS and GIS.	50000	2018	University of Mumbai
22.	Dr. Hansa Jeswani	Development of filter using Previous concrete for surface water filtration	1,00,000	2020	TEQIP-III
23.	Dr. Reshma Raskar	Techno-social-economic assessment of Briquetting Cotton Stalks	1,00,000	2020	TEQIP-III
24.	Dr. Anil Ghadge	Development of Bio-electrochemically assisted microbial reactor to reduce air pollution and energy recovery from wastewater	1,00,000	2020	TEQIP-III
25.	Dr. A. R. Kambekar	Flood Hazard Assessment using Hydrological simulation model	1,00,000	2020	TEQIP-III
26.	Dr. M. M. Murudi	Parametric Study of Durability of High Performance Concrete with Crush Sand as Fine Aggregate	1,00,000	2021	TEQIP-III