

RESEARCH & DEVELOPMENT 2016-17

Research projects Completed/Applied/In progress

Completed Projects

| <i>S. No</i> | <i>Name of the Principal Investigator</i> | <i>Title of the project and duration</i> | <i>Amount sanctioned and year</i> | <i>Funding Agency</i> | <i>Duration</i> | <i>Status</i> |
|--------------|---|---|-----------------------------------|---|-----------------|---------------|
| 1 | Mr. K. Vijay Kishore | Studying the properties of concrete by replacing river sand | Rs. 80,000, 2011 | Siddhartha Academy of General and Technical Education (SAGTE) | 2 Years | Completed |
| 2 | Mr. K.V Subash | Study of the characteristic of Self Compacting Concrete as affected by different admixtures | Rs. 1,20,000 May 2014 | Siddhartha Academy of General and Technical Education (SAGTE) | 2 Years | Completed |

Ongoing Projects

| <i>S.No</i> | <i>Name of the Principal Investigator</i> | <i>Title of the project and duration</i> | <i>Amount sanctioned and year</i> | <i>Funding Agency</i> | <i>Duration</i> | <i>Status</i> |
|-------------|---|---|-----------------------------------|-----------------------|-----------------|--|
| 1 | Mr. A. Sreenivasulu | Production And Development of Ultra High Strength Concrete (M150) | 3,00,000 November 2014 | UGC | 2 Years | Rs. 2,35,000 is released in October 2016 out of Rs. 3,00,000 |
| 2 | Ms. G.Venu Ratna Kumari | Ground Water Management Using Remote Sensing and GIS Applications in Local Scenario | 3,20,000 November 2014 | UGC | 2 Years | Rs. 3,15,000 is released in October 2016 out of Rs. 3,20,000 |

Applied Projects

| <i>S.No</i> | <i>Name of the Principal Investigator</i> | <i>Title of the project and duration</i> | <i>Amount applied and year</i> | <i>Funding Agency</i> | <i>Status</i> |
|-------------|---|--|--------------------------------|-----------------------|---------------|
| 1 | Mr. K. Shyam Prakash | Utilization of Quarry Dust as Partial Replacement of sand in Transportation Engineering Applications | 3,25,000 August 2015 | UGC | Applied |
| 2 | Mrs. K. Aparna Srivastav | Reliability Analysis for Seismic Performance Assessment of Reinforced Concrete Buildings in Seismic Zone – III by using E-Tabs | 2,35,490 August 2015 | UGC | Applied |
| 3 | Mr. K.V.N. Laxma Naik | Stabilization of Expansive Soil using Industrial Waste | 4,85,000 August 2015 | UGC | Applied |
| 4 | Dr. B.V.T. Vasantha Rao | Studies on occurrence of the heavy minerals in the beach sands along the east coast of Andhra Pradesh, Pandurangapuram Area, Guntur District | 2,39,500 August 2015 | UGC | Applied |
| 5 | Dr.K.Ramesh and Mr.A.Srinivasulu | Experimental study on Stress- strain behaviour of GGBS and metakaolin based Geopolymer concrete | 33.86 lakhs 29/12/2016 | UGC-SERB | Applied |