| Sl No | Organization   | Year           | Area/purpose  | Activities  |
|-------|--|----------------|---|---|
| 1     | HUDCO chair, HSMI New<br>Delhi<br>(Expired on March 2015)                                | 2012-15        | R&D in the field of Masonry and its Documentation.  | Research on sustainable materials – Utilization of demolition waste and use of hollow blocks and bricks in high rise buildings.                 |
|       | HUDCO Chair, HSMI New<br>Delhi (Renewed on August<br>2015)                               | 2015-18        | R&D in the field of Pavement Materials and ground water.  | Mitigation of ground water contamination by decentralized Solid waste management.  Demonstration of insitu stabilization of urban local street. |
| 2     | Karnataka State Pollution<br>Control Board (KSPCB)                                       | 2016*          | Ambient air quality and noise monitoring stations.  | Collection and analysis of air quality.   |
| 3     | Public Affairs Centre,<br>Bengaluru.<br>(Expired on May 2016)                            | 2015-16        | Technical Support, Training and ICT materials for Citizen Monitors of PMGSY roads.                  | Prepared citizen manual for QC of PMGSY. Trained citizen monitors of 7 states on QC.  |
| 4     | Centre For Ash Utilization Technology & Environmental Conservation (CASHUTEC)            | 2016*          | Industry Academia Technical Interaction.  | Development of fly ash based open air cured concrete, masonry blocks, paver blocks.   |
| 5     | Association of Consulting<br>Civil Engineers (ACCE)<br>(Expired on September<br>2019)    | 2016 -19       | Student Mentoring Program for employability enhancement.  | Training the students on current industry practices.  |
| 6     | Pai & Pai Chemicals (I) Pvt<br>Ltd, Rajajinagar, Bengaluru<br>(Expired on February 2018) | 2017           | For treatment of effluent/hazardous waste, letters from KSPCB                                       | For safe disposal of effluents  |
| 7     | KPMG Foundation, Bangalore (Expired on February 2010)                                    | 2009 -<br>2010 | Relief of the poor,<br>education, medical relief<br>and advancement                                 | Set up rain water harvesting structures at premises   |
| 8     | KSHC , Bangalore<br>(Expired on February 2011)   | 2010           | Promotion of fly ash<br>based green building<br>materials and<br>technologies                       | R&D on Eco-friendly building materials and products from fly ash and other industrial by products   |
| 9     | EHSRDC, Bangalore<br>(Expired on October 2011)   | 2010           | Joint research on environmental, Traffic, Noise quality, E-Waste and etc.                           | Research and Development, Consultation and testing of materials   |
| 10    | SLPP Renew LLP,<br>Bangalore   | 2019-<br>2021* | Technical Skills , ideas<br>and innovation , proposal<br>writing pertaining to<br>Biogas Technology | Research and Development, proposal writing pertaining to Biogas Technology  |
| 11    | PotHoleRaja, Bangalore   | 2019*          | Fix potholes to ensure roads are safer  | Third party evaluator for pothole patching  |

<sup>\*</sup>Ongoing MoU.