**List of Research & Development projects sanction in the last five years (2017-22)**

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| --- | --- | --- | --- | --- |
| Sl.  No. | Name of the Research Project | Cost of project  (in lakhs) | Project Proponent | End user  casting |
| 01 | Comprehensive Analysis of Siltation Behaviour. | 90.77 | IIT Mumbai | Deendayal Port Trust |
| 02 | Preparation of Guidelines for the use of Geosynthetics in ports, Coasts, and waterways. | 11.80 | IIT Madras | All major Ports |
| 03 | Evaluation of Central Sector Scheme on Research & Development Scheme for Port Sector | 11.80 | NPC | Evaluation of Scheme |
| 04 | R & D Project on **“**Utility of High Strength Self Compacting Alkali Activated Slag Concrete (HS-SC-AASC) filled steel tubes in the enhancement of strength and durability in Ports, Harbour, and offshore structures**” by IIT Roorkee.** | 24.40 | IIT Roorkee | Major Ports |
| 05 | R & D Scheme “Ameliorate Dredged Sediments” by IIT Bombay. | 140.55 | IIT Bombay | Major Ports |
| 06 | R & D Scheme "Submerged vanes for river training and sediment management in streams and their field application" by IIT Roorkee. | 172.5 | IIT Roorkee | IWAI |
| 07 | R & D Scheme "Design, Analysis and Development of Hybrid Floating Offshore Breakwater" by NITK. | 49.2184 | NITK | Major Ports |
| 08 | R & D Scheme New resilient breakwater for the safety of Port and Harbour against Tsunamiby NITK. | 45.00 | NITK | New Mangalore Port |

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