

Norms for discharge of functions

- Spectrum of Activities / Services
- Twelfth Five Year Plan Projects
- CSIR 800 Program
- CSIR YSA Project
- In house R&D Projects
- Sponsored Research Projects
- Grant-in-aid Projects
- Collaborative Projects
- Consultancy projects
- Tower Testing Services
- Technical Services
- Advanced Training Courses
- Release of technology/ Know-How
- Release of Software packages

CSIR-Structural Engineering Research Centre

ON-GOING LIST OF PROJECTS AS ON JANUARY 2017

Project No.	Title of the Project	Duration	Project Leader [S/Shri./Dr./Mrs./Ms.]
XII Five Year Plan Projects			
ESC 0110	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL) CSIR-SERC-Nodal Laboratory CSIR-CEERI, CSIR-CMERI, CSIR-CRRI, CSIR-CECRI, CSIR,CGCRI, CSIR-CSIO – Participating Laboratories	Apr. 2012 – Mar. 2017	K.Ramanjaneyulu
ESC0208	Engineering Sustainable Materials and Structures – Action Plan I: Sustainability through Eco-Balancing (SUSMAS)	Apr. 2012 – Mar. 2017	J. Rajasankar
ESC 0209	Engineering Sustainable Materials and Structures Action Plan II: Sustainability through Nano-Technology and Bio-Mimetics (eNano-Tics)	Apr. 2012 – Mar. 2017	Ing - Saptarshi Sasmal
CSC 0105	Potassic (K) fertilizer Technology to Empower the Nation(K-TEN) CSIR-CSMCRI- Nodal Laboratory CSIR-SERC - Participating Laboratory	Apr. 2012 – Mar. 2017	J. Rajasankar
ISC 0102	CSIR Knowledge Gateway & Open Source Private Cloud Infrastructure (KNOWGATE) WP-3	Apr. 2014 – Mar. 2017	R.D. Sathish Kumar, Nodal Officer

Project No.	Title of the Project	Duration	Project Leader
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R&D Projects – MLP			
MLP 182	Studies on Durability and Structural Behaviour of Concrete made with Alternate Binders/Aggregates	Oct 2014 – Sep 2017	P. S. Ambily
MLP 183	Smart Sensor based Health Assessment of Constructed Facilities	Oct 2014 – Sep 2017	S. Parivallal
MLP 184	Performance Evaluation of Structural Steel Components and Connections	Oct 2014 – Sep 2017	V. Marimuthu
MLP 185	Concurrent Feature Extraction Techniques for Health Assessment of Concrete Structures	Apr 2015 – Mar 2018	V. Srinivas
MLP 186	Studies on the Behaviour of Distressed Prestressed Concrete Members Strengthened by External Post-Tensioning	Apr 2015 – Mar 2018	R. Manisekar
MLP 187	Aerodynamic and Aeroelastic Investigations on Wind Sensitive Buildings and Structures	Apr 2015 – Mar 2018	P. Harikrishna
MLP 188	Investigations on Blast Resistance of Laced Steel-Concrete Composite (LSCC) Panels	Apr 2015 – Mar 2018	N. Anandavalli

Translational Projects

OLP 164	“WOLI”- Wireless over-load indicator for industrial warehousing system.	Mar 2016 – Aug 2017	Vimal Mohan
OLP 165	Mass scale textile reinforced concrete prototyping production unit (MASS-TRCPT) for Wall/Floor panels, Paver blocks and industrial floors.	Mar 2016 – Aug 2017	Smitha Gopinath
OLP 166	Magneto-Rheological (MR) Elastomer based smart seismic and vibration isolators.	Mar 2016 – Aug 2017	C. Bharathi Priya

Fast Track Translation Projects (Dr. / Shri / Ms.)

MLP 189	Glass Textile Reinforced Concrete Crash Barrier System	Aug 2016 – Jan 2018	Smitha Gopinath
MLP 190	Design of emergency restoration system for power lines	Aug 2016 – Jan 2018	R.P. Rokade
MLP 192	Precast Ferrocement Toilet Core Unit (PREFER TOCO)	Aug 16 – July 2017	P. Sivakumar
MLP 193	Improved design and retrofit methodology for seismically vulnerable open ground storey structures	Aug 16 – Jan. 2018	G.V. Rama Rao
MLP 194	Development of cost effective water tanks using flowable cement mortar (FCM)	Sept.16 – March 2018	J. Prabhakar

CSIR 800 Program project

RSP 4049	Development of affordable, rapid-built and disaster-resistant SERCular Housing Technology	22 November 2016 to 31 March 2017	N.G. Bhagavan
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	INFRASTRUCTURE LEADERS	S/Shri / Dr. / Ms.
STS 001	Business, Knowledge Management & Development Divn.	K. Gunasekaran
STS 003	Information and Communication Technology Division	S.G.N. Murthy
STS 005	Structural Testing Laboratory	K. Balaji Rao
STS 007	Drawing Section	R. Ravichandran
STS 008	Knowledge Resource Division	R.D. Sathish Kumar
STS 009	Tower Testing & Research Station	P.K.Umesha

STS 010	Advanced Seismic Testing & Research Laboratory	K. Sathish Kumar
STS 011	Structural Health Monitoring Laboratory	A. Rama Mohan Rao
STS 012	Advanced Materials Laboratory	B.H. Bharat Kumar
STS 013	Advanced Concrete Testing & Engg. Laboratory	K. Ramanjaneyulu
STS 014	Fatigue & Fracture Laboratory	G. Raghava
STS 015	Director's Secretariat	Director
INF 004	ADMINISTRATION	AO
	Advisor (M) Secretariat	
	Finance & Accounts Officer	FAO
	Stores & Purchase Officer	CoSP
	Works Coordinator	Nodal Officer
PGRPE	Dr. A. Rama Mohan Rao	

II. Contract Research Projects –

[B] : Sponsored Research Projects (Dr. / Shri / Smt.)

Project No.	Title of the Project	Duration	Client
SSP 132	Seismic Performance Tests on Steel Frame with Energy Absorbing Device (EAD) (G.V.Rama Rao)	Aug 2013 - Sep 2016 (Under extension)	Bhabha Atomic Research Centre, Mumbai (BARC)
SSP 163	Shake table study on model of advanced heavy water reactor (R. Sreekala)	June 2015-Feb 2017	Bhabha Atomic Research Centre, Mumbai
SSP 170	Structural health integrity assessment of LD convertor shop at vizag steel plant, Visakhapatnam (Phase-II) (Dr.G.S.Palani)	Mar 2015 – Aug 2016 (under extension)	Vizag Steel Plant (VSP), Visakhapatnam
SSP 177	Fracture studies on AISI type 316L(N) Stainless steel straight pipes (S. Vishnuvardhan)	Sept. 2015 – Jan 2017	Indira Gandhi Centre for Atomic Research (IGCAR) Kalpakkam
SSP 182	Seismic studies on Eddy Current Flow Meter for PFBR Primary Sodium Pump (K. Sathish Kumar)	Jan 2016 - Jan 2017	IGCAR, Kalpakkam
SSP 184	Fatigue strength evaluation of reinforcing bar couplers (P.Gandhi)	May 2015 – Jul 2016 (work completed – report under preparation)	M/s.Halfen Moment India Private Ltd, Ghatkopar West, Mumbai-400 086
SSP 186	Proof-Checking the Design of (2B+G+17) Towers (P.Harikrishna)	April 2016-June 2016 (work completed – report under preparation)	M/s.Unitech Group Ltd, Chennai.
SSP 188	Field and analytical investigation on 275m RC chimney at BALCO, Korba, Phase-I (P. Srinivasan)	April 2016 – Sep. 2016 (under extension)	M/s. Balco, Korba

SSP 192	Pilot cum demonstration study on use of fly ash on Geopolymer concrete pavement construction at NTPC (P.S. Ambily)	Nov. 2016 – Jan. 2018	NTPC, Unchahar, UP
SSP 193	Fatigue strength evaluation of welded rail joints (D.M. Pugazhendhi)	Sep. 2016 - Feb. 2017	L&T Ltd., Riyadh Metro Track System, Saudi Arabia
SSP 194	Studies on LCA fuel drop tank of tejas under slosh and vibration loadings (P. Gandhi)	Oct. 2016 – June 2017	Aeronautical Development Agency, Min. of Defence, Bengaluru
SSP 195	Analysis of Double Lane Bridges of Various spans starting from 30ft in steps of 10ft to Prepare Complete Load Span Charts (G.S. Palani)	Sep 2016 – Feb 2017	Garden Reach Ship Builders & Engineers Ltd., Kolkata
SSP 196	Commissioning of Wind Monitoring System at PGCIL sub-station near Nellore (S.Selvirajan/P.Harikrishna)	Nov 2016 – May 2017	M/s.Power Grid Corporation of India Limited(PGCIL),Gurgaon , India
SSP 197	Condition assessment of selected stationary mechanical structures at Bachel Complex (K. Sathishkumar)	Dec 2016 - Sep 2017	M/s.NMDC Limited,Bachel Complex,Dantewada,Chattisgarh(C.G)
SSP 199	Strain and Deformation measurement on RCB walls and roof during proof test of reactor containment (S.Parivallal)	Jan 2017 – Jun 2017	M/s.Bharatiya Nabhikiya Vidyut Nigam Ltd. (BHAVIN)

[c] : Grant-in-aid Projects (Dr. / Shri / Smt.)

GAP 0047	Intelligent remote health monitoring (IRHM) for bridge systems (S. Parivallal)	Oct 2014 – Sep 2017	Department of Science & Technology, New Delhi
GAP 0048	Textile reinforced concrete median barrier as cost effective life saving technology (Smitha Gopinath)	July 2015 – Oct 2017	Department of Science and Technology, Seed Division, New Delhi – 110 016.