

Sponsored R&D projects

Name of Faculty	Title of the project and duration	Amount sanctioned	Funding Agency	Status
JN Jha	Ground Improvement & Ground Control including Waste Containment with Geosynthetics. (Vide file no. RIFD/SDP /24/2011-12 dated 12.08.2011)	Rs 7.00 lac	AICTE	Completed
JN Jha	Behaviour of Footing on Reinforced Slope (vide file No.8023/BOR/RID/RPS-24/09-10 dated 31.03.2010) for two years	Rs 7.20 lac	AICTE	Completed
KS Gill	Utilization of Plastic Waste for improving the Subgrade in Flexible Pavements (vide file no. 1-7/RID/TR/(3)/ 2010-11 dated 21/5/2010) for one year	Rs 0.76 lac	AICTE	Completed
Harvinder Singh	Prediction of Collapse Load of Skew-Slab Bridges (vide file no. 8023/BOR/RID/RPS-83/08-09 dated 12.03.2009) for three years	Rs 7.60 lac	AICTE	Completed
Harvinder Singh	Flexural Behavior Of Flexible-Beam Supported RC Slabs (vide file no. 8023/BOR/RID/RPS-56/07-08 dated 05.03.2008) for two years	Rs 8.40 lac	AICTE	Completed
HS Rai	Growth, Development and distribution of free geospatial data	\$3000	Open Street Map Foundation, UK	Completed
HS Rai	State of the Map: Punjab during 3rd annual International Open Street Map Conference at Amsterdam, Netherland	Rs 0.70 lac	Open Street Map Foundation, UK	Completed

Harvinder Singh	Behaviour of Shallow-Beam Supported RC Slabs: Experimental behaviour (material provided)	Rs 0.55 lac	ACC Ltd, MRH Associates, Ludhiana	Completed
HK Gaba	Retrofitting of reinforced slabs (material provided)	Rs 0.34 lac	MRH Associates, Ludhiana	Completed
HS Rai	Innovative Practice on the use of open source	Rs 0.70 lac	Google Inc,	Completed
Puneet Pal Singh	Upgration of analytical ability of environmental engineering lab	Rs 16 lac	AICTE	Completed
Harvinder Singh	Behavior of piled-raft footings: Analytical and Experimental Investigations (vide file no. 20/AICTE/RIFD/RPS-11/2012-13 dated 20.01.2013) for three years	Rs 10.50 lac	AICTE	Completed
Harvinder Singh	Flexural Behavior of Fibre--reinforced Concrete Stiffened Plates: Analytical and Experimental Investigations (vide file no. F. 30-1/2013(SA-II)/RA-2012-14-NEW-GE-PUN-2874 for two years)	Rs 31.50 lac	UGC	Completed
Harvinder Singh	Flexural Behavior of Steel-Fibre Reinforced Concrete: Analytical and Experimental Investigations (vide file no. 2013-14/NCSPL-CORR/18022014 Dated 18/2/2014 for two years)	Steel fibres worth Rs 0.75 lac	Nina Concrete Pvt Ltd, Mumbai	Completed
Harvinder Singh	Optimal Rebar Grade for the use in construction of Low Rise RC Buildings	Rs 3.74lac	TATA Steel Ltd.	Completed
Puneet Pal Singh Cheema	Process Optimization of upgraded Bio Chemical Treatment for excess sludge minimization high strength Industrial waste water	Rs 14.0 lac	TEQIP-III	Completed

Rupinder Singh and Hardeep Singh Rai	Development of customized material for maintenance and repair of heritage structure by using additive manufacturing	Rs 43.27 lac	Department of Science & Technology	Completed
Manvinder Kingra	Guiding Lights: Implementing Light Emitting Pavers in Urban Pedestrian Infrastructure	Rs 0.92 lac	Punjab Road Safety Research Centre, Mohali, and Testing & Consultancy Cell, GNDEC, Ludhiana	Completed
Harvinder Singh & Yuvraj Singh	Utilization of Iron Dust as a supplementary material in concrete and brick production	Rs 3.54 lac	Madhav KRG International Solutions Private Limited	Ongoing
Puneet Pal Singh Cheema	Treatment of Textile Dyeing Wastewater in Horizontal and Vertical Subsurface Constructed Wetlands	Rs 1.30 lac	Guru Nanak Dev Engineering College, Ludhiana	Ongoing