



Estd. 1946

The National Institute of Engineering

Centre for Research and Development (NIE-CRD)

June 30, 2025

NIE-CRD Accepted Projects Under NIE RPS for PG Student Projects 2025-26

The following project proposals are accepted Under NIE RPS for PG Student Projects [2025-26] all the recipients are requested to initiate the project work immediately and adhere to the guidelines provided in the circular dated May 07, 2025.

Sl. No.	Title of the Project	Faculty Guide	PG Student	Project Code	Sanctioned Budget (Rs.)
1	Performance Assessment of zeolite-modified concrete under sustained elevated temperatures	Dr. Vadiraj Rao N R	Amogh P Haveri- 4NI23CSE01	PG_Student/CIV/01	40,000/-
2	Behaviour of PVC tubes filled with concrete incorporating recycled coarse aggregate (RCA) and fine aggregate (RFA)	Dr. Vasanth Keshav	Mohammed Bilal Mahmood- 4NI23CSE04	PG_Student/CIV/02	16,200/-
3	Experimental investigation and numerical analysis of sleeved column under different end conditions	Dr. Vadiraj Rao N R	Navyashree H. P. -4NI23CSE05	PG_Student/CIV/03	19,400/-
4	Comprehensive study on behaviour of nano silica based geo-polymer concrete subjected to sustained elevated temperature	Mrs. Hema H.	Omprakash- 4NI23CSE06	PG_Student/CIV/04	40,000/-
5	Effect of stiffeners on the behaviour of cylindrical panels made of jute fibre/epoxy laminates subjected to in plane loading	Dr. Vasanth Keshav	R Vijay Kumar Nayak- 4NI23CSE07	PG_Student/CIV/05	11,500/-
6	Effect of compression on masonry unit with incorporation of jute fibres and recycled coarse aggregates and fine aggregates	Dr. Vasanth Keshav	Rahul S R- 4NI23CSE08	PG_Student/CIV/06	13,780/-
7	Experimental study on shear strengthening of reinforced concrete beams using near-surface mounted GFRP strips	Dr. N C Balaji	Shivanagouda Biradar- 4NI23CSE12	PG_Student/CIV/07	30,000/-
8	Experimental study on the flexural behaviour of full scale RC beams using near-surface mounted (NSM)	Dr. N C Balaji	Shrikanth M- 4NI23CSE14	PG_Student/CIV/08	30,000/-



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	technique using GFRP strips				
9	Performance evaluation of composite cement concrete under sustained elevated temperature	Dr. Vadiraj Rao N R	Varun M. - 4NI23CSE16	PG_Student/CIV/09	30,500/-
10	Performance evaluation of RC column exposed to fire	Dr. Sachin Vijaykumar	Vinayaka M. - 4NI23CSE17	PG_Student/CIV/10	40,000/-
11	Tribological Evaluation of Graphene Oxide-Palm Oil Nanofluids Using the Four-Ball Wear Test	Dr. Imran M Jamadar	Bhushan A- 4NI23MMD01	PG_Student/MMD/01	15,000/-

Total amount sanctioned towards Projects Under NIE RPS for PG Students 2025-26 is Rs. Three Lakh Eightty-Six Thousand Three Hundred and Eighty [2,86,380/-]


Dean (R&D)


Principal
PRINCIPAL
The National Institute of Engineering
Mysuru-570008

To,

1. Recipient Students/Faculty Guide for information and necessary action.
2. Vice Principal / Dean (AA)/CoE/Dean (P&I)/Head-IQAC
3. HoD of CIV/ MEC / IPE /EEE / ECE/ CSE /ISE / MCA / PHY / CHE / MAT