

DEPARTMENT OF CIVIL ENGINEERING

Details of Sponsored Research Projects, Consultancy, etc.

(Updated as on 22nd March 2022)

Sponsored Research Projects

International Collaborative Sponsored Research Project: 01 Completed+ 01 On-going

- Title:** Safeguarding civil underground tunnels against terrorist blast and explosion shocks, Funding Body Grant Ref: IES\R2\181054, University of Bath Ref: CM00002512/RC-AR1178RC and NITJ Ref: NITJ/CED/2019/3926

Funding Agency: International Exchange 2018 by The Royal Society, UK

Duration: 3 Years

Start Date: 11, November 2018

Amount: GDP 12,000 (Rs. 12.1 Lakhs)

Collaborators: University of Bath and NIT Jalandhar

Investigator/s Dr. Loizos Pelecanos, Lecturer, Department of Architecture and Civil Engineering, University of Bath, Bath, United Kingdom.
- Title:** Quasi-static and dynamic strength of ultrahigh performance concrete

Funding Agency: Department of Science and Technology – Russian Foundation for Basic Research

Duration: 3 Years

Start Date: 15th January 2020

Amount: Rs. 37 Lakhs

Collaborators: IIT Roorkee, St. Petersburg University (Russia) and NIT Jalandhar

Investigator/s Prof. M.A. Iqbal, Professor, Department of Civil Engineering, IIT Roorkee, Roorkee, Uttara khand 247667, India.

Prof. Nikita F. Morozov, Professor, Saint Petersburg State University, Institute of Problems in Mechanical Engineering of the Russian Academy of Sciences, St. Petersburg, Russia.

Dr. K. Senthil, Assistant Professor, Department of Civil Engineering, NIT Jalandhar, Jalandhar, Punjab 144011, India.

National Collaborative Sponsored Research Projects (02 Completed)

- Title** Experimental Investigations on Rheological Properties of High Strength Cement Pastes (Co-PI)

Funding Agency University of Mumbai through Minor Research Grant Scheme of sponsored by University Grant Commission

Duration : 1 Year

Starting Date: 1st August 2018 (Completed on: 31st October 2019)

Amount:	INR 0.25 Lakh
Collaborators:	Datta Meghe College of Engineering, New Mumbai and NIT Jalandhar
Investigators:	Dr. Sikandar A. Rasal (DMCE New Mumbai) and Dr. Hemant S. Chore (NITJ)
4. Title	Performance and Efficacy of Industrial Waste Matetials in Road Construction: A Model Study
Funding Agency	University of Mumbai through Minor Research Grant Scheme sponsored by University Grants Commission
Duration :	01 Year
Starting Date:	1 st August 2019 (Completed on: 31 st December 2020)
Amount:	INR 0.3 Lakh
Collaborators:	Datta Meghe College of Engineering, New Mumbai and NIT Jalandhar
Investigators:	Mrs. Manjula Devi (DMCE New Mumbai) and Dr. Hemant S. Chore (NITJ)

Consultancy Projects

1 Title:	Ground water study for the area inside the factory and outside the factory of Rana Sugars Ltd. at Butter Seviyan, District Amritsar
Funding Agency:	Rana Sugars Ltd.
Duration:	3 Years
Commencement:	December 2022 (On-going)
Amount:	Rs. 12.98 Lakhs
Collaborators:	NIT Jalandhar and NIH Roorkee
Investigator/s	Dr. Mahesh Patel (NITJ), Dr. Kanish Kapoor (NITJ), Dr. J.K. Ratan (NITJ) and Dr. Surjeet Singh (NIH Roorkee)