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PROJECT CONSULTANCY WORK

Title of the project work	:	Design and Analysis of commercial Retail Building
Year of award	:	2018-2019
Granting Agency	:	M/s Everspace Realty LLP ch-29.,
Total Grant Received	:	Rs 50,000
Project Duration	:	6 Months
Principal Investigator	:	Dr. B.Hemalatha M.E., Ph.D., Professor, J.N.N Institute of Engineering, Department of civil Engineering , J.N.N Institute of Engineering,
Work Details	:	The primary objective of this project is to gain sufficient knowledge in planning, analysis, and design of building. Our project deals with the Analysis and design of a commercial building was done. It is a reinforced concrete framed structure consisting of G+4. And also we provide a two wheeler & car parking facility in the ground floor. IS 456:2000 codes is the basic code for general construction in concrete structures, hence all the structural members are designed using limit state method in accordance with the IS 456:2000 code and design aids. The planning of any building in India will be recognized by National Building Code (NBC), hence the building is planned in accordance with the National Building Code of India. The commercial building has proper ventilation, it is provided with sufficient Exits, Water supply and electrification are also provided. The ceiling height is provided as 1m, for assembly buildings as mentioned Building Code (NBC). This project also enables in establishing in sufficient water supply, electric power supply, proper sanitary system, and rain water harvesting facility are given