

## **RESEARCH PROPOSAL**

The paper presents the laboratory investigations carried out on Portland slag cement (factory blended), and OPC concrete to study and compare the different parameters of concrete prepared from the above two types of cement and a comparison is made to ascertain the quality and performance of the concrete. The OPC cement is replaced separately with 10%, 20%, & 30% of PSC blended cement. Concrete cubes are tested at the strength and Durability. A design mix for High performance concrete made as per IS code and the results are compared with the conventional concrete.