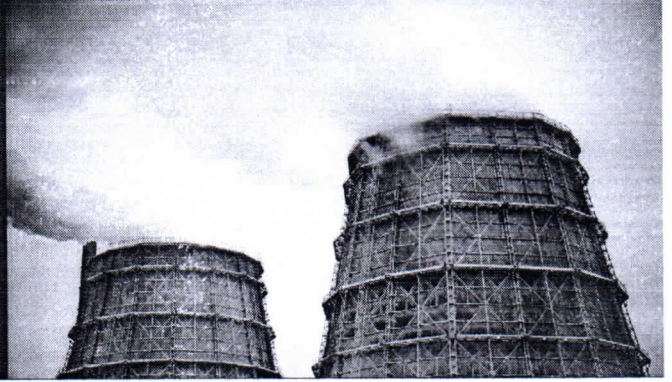


This book reports the study of compressive strength and split tensile strength of concrete involving rice husk ash (RHA) and plastic fiber in different proportions. M-20 grade of concrete was taken for experimental study. RHA content was used from 5% to 15% at the interval of 5% by replacing Ordinary Portland Cement (O.P.C.) and plastic fibers were used from 1% to 3% at the interval of 1% by replacing the coarse aggregate. Plastic fibers were obtained by cutting the polythene bags into small pieces. The compressive strength and split tensile strength of concrete was checked at 7 days and 28 days of curing period. The results show that concrete samples having RHA and plastic fibers showed better strength as compared to controlled concrete samples.



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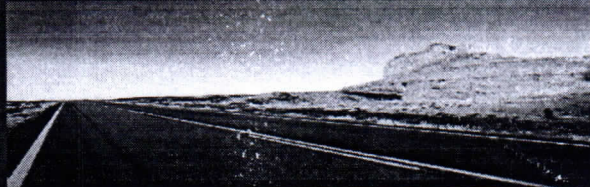
Effect of Rice Husk Ash and Plastic Fibers on Concrete Strength



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This book reports the study of cause of accident due to improper geometric design of highway. The problems of accident on Indian roads are very acute due to complex flow of vehicular traffic, presence of mixed traffic and lack of knowledge of traffic rules. Road accidents cannot be totally stopped but by using suitable engineering methodologies, rate of accident can be minimized. The present study is mainly focus on to identify the reason of road accident mainly due to poor geometry of highway and provides improvement of suggestions as per IRC Codes. Includes 6 charts, publications after the analysis of accident data and site visits of selected stretch the accident prone locations and gap in design is identify and suggest the improvements as per IRC codebook.



Ravi Kant Pareek
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EVALUATE THE ROOT OF ACCIDENTS & SUGGEST REMEDIES ON NATIONAL HIGHWAYS



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77