Article Mechanical properties on high performance concrete by replacing the cement by flyash, silica January 2015 · International Journal of Applied Engineering Research 10(3):5881-5886 Authors:	fume and metakaolin	FEATURED VIDE Scientific pre
Krishnasamy Gajendran Anuradha Rama Tamil Nadu Veterinary and Animal Sciences University SNS College of " Request full-text Download citation Or Copy link (i) To read the full-text of this research, you can request a copy directly from the authors. References (4)	C S Venkatacubramani	Scientific pr
Abstract Concrete is probably the most extensively used construction material in the world. The addition of mineral admixture in cement has dramatically increased along with the development of concrete industry, due to the consideration of cost saving, energy saving, environmental protection and conservation of resources. High Performance Concrete (HPC) is the latest development in concrete. It has become more popular these days and is being used in many prestigious projects. The utilization of calcined clay, in the form of high reactivity metakaolin and silica in concrete has received considerable attention in recent years. The present paper deals with the study of compressive strength of M60 grade HPC mixes incorporating different percentages of high reactivity metakaolin and silica fume by weight of cement along with some suitable super plasticizer. The results of the study indicate that the strength study of HPC mixes improved by incorporating metakoalin and silica fume up to a desirable content of 15% and 5% respectively by weight of cement.	Discover the world's research • 19+ million members • 135+ million publications • 700k+ projec Join for free	
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