

Instructional Workshop on Logic and Set Theory

February 18 – March 1, 2013

at

KERALA SCHOOL OF MATHEMATICS, KOZHIKODE

The workshop is meant to benefit research scholars and young teachers of Mathematics, Statistics and Computer Science.

The course will cover fundamentals of propositional logic, first order logic, completeness theorem, model theory with applications in number theory, algebra and geometry.

Cardinal arithmetic, partially-ordered sets, well-ordered sets, transfinite induction, ordinal numbers, axiom of choice and its equivalent forms such as Zorn's lemma and well-ordering principle and their applications in mathematics, Zermelo-Fraenkel axioms.

Applications are invited from interested research scholars and young teachers from university departments and colleges for participation in the workshop. The application should be supported by a letter of recommendation (by e-mail to workshop@ksom.res.in) in the case of research scholars. The local hospitality of the selected candidates would be taken care of by KSOM and also they would be given return AC III tier train fare to Kozhikode. Register online by filling up the registration form available on www.ksom.res.in

The last date for receiving the application is **December 31, 2012**.

Coordinator

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