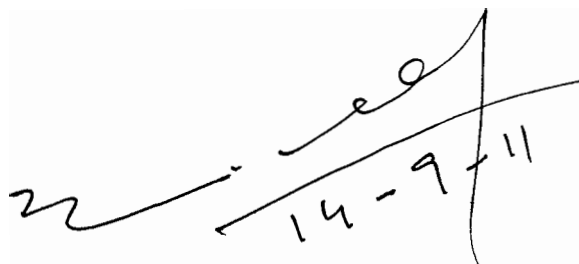


CERTIFICATE

This is to certify that the work embodied in the thesis entitled 'PETROGRAPHY, CHEMISTRY AND EVOLUTION OF SOILS FROM TWO CONTRASTING ENVIRONMENTS' has been carried out by Mr. Benno Joseph under my supervision and guidance.

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A handwritten signature in black ink, followed by a horizontal line and the date '14-9-11' written below it.

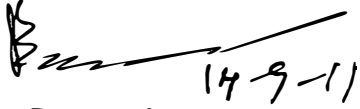
Prof. (Dr.) Thrivikramaji K. P.
(Supervising Teacher)
UGC-Emeritus Fellow

September, 2011

DECLARATION

I hereby declare that the Ph.D. thesis entitled '**PETROGRAPHY, CHEMISTRY AND EVOLUTION OF SOILS FROM TWO CONTRASTING ENVIRONMENTS**' is an independent work carried out by me and it has not been submitted anywhere else for any other degree, diploma or title.

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