STATEMENT

I hereby declare that the matter embodied in this thesis is the result of investigation carried out by me in School of Chemistry, University of Hyderabad, India under the supervision of Dr. Anunay Samanta.

In keeping with the general practice of reporting scientific observations, due acknowledgements has been made wherever the work described is based on the findings of other investigators. Any omission which might have occurred by oversight or error is regretted.

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