

CERTIFICATE

This is to certify that the thesis entitled “**Synthesis and Characterization of COX-2 Inhibitors and Carbazole Derivatives**” that is being submitted by Mr. **Anumula Raghupathi Reddy** in partial fulfillment for the award of **Ph.D** in **Chemistry** to the Jawaharlal Nehru Technological University is a record of bonafide work carried out by him under our guidance and supervision.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Signature of Supervisor

Dr. P. Pratap Reddy,
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Signature of Co-Supervisor

Prof. K. Mukkanti,
Head of the department,
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JNTUH, Hyderabad – 500 085.

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Date**Signature of Co-Supervisor**

Dr. K. Mukkanti,

Prof. of chemistry,

Head-CPS,

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Dr. KVS Ram Rao,

Vice President,

IPDO, Bachupally,

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Anumula Raghupathi Reddy