E-mail: ddethe@itk.ac.in

Fax: +91-512-259 7436

Tel. (O): +91-512-259 6537



## Department of Chemistry INDIAN INSTITUTE OF TECHNOLOGY KANPUR Kanpur - 208 016 (India)

**Dr. Dattatraya H. Dethe** Professor

## Certificate

It is certified that the research work entitled "Synthesis of Norpyrenophorin, Hydroxy β-San§hool and ZP amide-I via Ru-Catalyzed C-H Activation" submitted for "Sun Pharma Science Foundation Science Scholar Award" has been carried out by the Nagabhushana C. B. under my supervision and has been published in the international peer-reviewed journals.

October, 2021

Kanpur

Prof. Datttatraya H. Dethe

(Thesis Supervisor)

Dr. Dattatraya H. Dethe
Professor
Department of Chemistry
Indian Institute of Technology Kanpur
Kanpur - 208 016 (India)