



DATTA MEGHE
INSTITUTE OF HIGHER
EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY)
LEARN. LEAD.

Sawangi (Meghe), Wardha 442107
Maharashtra, India

- Declared as deemed to be university under section 3 of (UGC Act, 1956)
- Formerly known as *Datta Meghe Institute of Medical Sciences* (Deemed to be University)
- Conferred 'X' Grade Status by H.R.D. Ministry, Govt. of India
- Re-accredited by NAAC (4th Cycle) with 'A++' Grade (Score 3.78 on 4 Point Scale)



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Doctor of Philosophy
Pharmaceutical Sciences

*This is to certify that the
degree of Doctor of Philosophy in
Pharmaceutical Sciences under the
Faculty of Pharmaceutical Sciences is awarded to
Dr. Pramod Ramdas Parshuramkar
Son / Daughter of Mrs. Kamal
on having been found to be duly qualified by the
evaluation of the thesis titled:*

*"Quality by Design (QBD) – Based Assessment of Effects
of Formulation and Process Variables of Functional Polymer
Coating on Drug Release"
in January 2024 by this Deemed to be University.*

*Sawangi (Meghe), Wardha
Date: 20th July 2024*



[Signature]
Vice-Chancellor



[Signature]
PRINCIPAL
Agnihotri College of Pharmacy
WARDHA



Datta Meghe Institute of Higher Education & Research
(Declared as Deemed to be University under Section 3 of UGC Act,1956)
(Formerly known as Datta Meghe Institute of Medical Sciences)
Conferred 'A' Grade Status by HRD Ministry, Govt. of India
Re-accredited by NAAC (3rd cycle) with A+ Grade (Score 3.53 on 4 Point Scale)
Placed under Group-I category (Autonomous Deemed to be University) by UGC

Certificate from the Co-supervisor

This is to certify that the Doctoral research work entitled “**Quality by Design (QbD)-based Assessment of Effects of Formulation and Process Variables of Functional Polymer Coating on Drug Release**” for the degree of **Doctor of Philosophy** in the subject of **Pharmaceutical Sciences**, Datta Meghe Institute of Higher Education & Research (Deemed to be University), Wardha, was undertaken by **Mr. Pramod R. Parshuramkar**. It was carried out at the Agnihotri College of Pharmacy, Wardha, under my guidance and direct supervision and is to my satisfaction.

This thesis fulfils the basic requirement of the governing by laws with respect to the submission of the thesis as laid down by, Datta Meghe Institute of Higher Education & Research (Deemed to be University), Wardha.

Date:

Place:

.....
Dr. Ram D. Bawankar

Co-supervisor



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