

To: The National Medical Commission (NMC)

Dear DR .B.N. Gangadhar

Chairmen NMC

Subject: Request to Include a Mandatory Basic Course in Biomedical Research (BCBR) in the Undergraduate Curriculum

I hope this message finds you well.

I am writing to request the inclusion of a mandatory Basic Course in Biomedical Research (BCBR) in the undergraduate medical curriculum for MBBS students. This course would be designed to provide foundational research training similar to that which is currently available to postgraduate students.

Objective:

The aim of this course is to equip MBBS students with essential research skills and knowledge that are crucial for their professional development. The course would cover the following key areas: reach average publication 1 to 5 publication during MBBS similar to developed countries

BCBS course more essential to UG students.

1. **Introduction to Research Methods:** Basics of various research designs and methodologies, including their application in clinical and biomedical research.
2. **Statistical Analysis:** Training in fundamental statistical tools and techniques for analyzing research data and interpreting results.
3. **Ethics in Research:** Understanding of ethical issues related to research, including informed consent, data privacy, and responsible conduct.

Rationale:

1. **Foundation in Research:** Early exposure to research methods will help students develop a solid foundation in research skills, which are increasingly important in advancing medical science and improving patient care.
2. **Enhanced Competence:** Providing research training will enable students to engage more effectively in research activities, contribute to scientific knowledge, and pursue future research opportunities.

3. **Alignment with Postgraduate Training:** Integrating research training at the undergraduate level ensures that students build upon their research skills, which will be further developed during their postgraduate studies.
4. **Career Preparation:** A strong research background will better prepare students for careers in academia, industry, or clinical practice, where research plays a significant role.

Implementation:

We propose that the Basic Course in Biomedical Research (BCBR) be included as a mandatory component of the undergraduate curriculum. The course should include theoretical lectures, practical sessions, and hands-on research projects to provide a comprehensive learning experience.

We believe that the inclusion of this course will significantly benefit MBBS students by providing them with essential research skills and preparing them for successful careers in research and publications.

Thank you for considering this proposal. We look forward to your positive response and are available to provide any additional information or support needed for the implementation of this course.

Sincerely,

Lokesh Edara, MD, FAAAI, FACAAI

Assistant Professor of medicine.

WMU school of medicine, Kalamazoo

dredara@yahoo.com

8/15/2022