

## Curriculum Development Policy

**Policy Creator** - NEP Coordinator, IQAC and Principal

**Superseding Authority** - Academic Council

**Date of Implementation** - 22/03/2022

**Revival Date** - 8/11/2025

**Purpose** - The curriculum development policy of Degree College of Science is to create a **learner-centric research-driven multidisciplinary curricula** that nurtures scientific aptitude and socio-ethical responsibility. At the same time, it intends to integrate current scientific advancements, environmental awareness and sustainability across all programmes to prepare students for higher studies, research and professional success in the global scientific community.

The policy aligns with **National Education Policy, NEP 2020** and the **Outcome-Based Education (OBE)** framework to ensure quality, academic excellence, relevance in scientific and societal needs. It emphasizes flexibility and interdisciplinary approach through mechanisms of **Choice Based Credit System (CBCS), Multiple Entry and Multiple Exit (MEME)** options, **Academic Bank of Credits (ABC), credit transfer** across institutions and **major/minor course options**. It also promotes **IKS (Indian Knowledge System)** in teaching and learning and offers **open electives** to support holistic education. **Field/ Research projects, on-job-training and internships** are encouraged to enhance professional skills, entrepreneurship and employability.

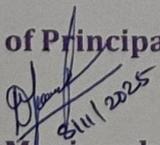
**Mechanism** - New curricula either in form of core courses of any programme or certificate course are developed through intellectual inputs shared by the members of respective Board of Studies (BoS). Programmes Outcomes, Programme Specific Outcomes and Course outcomes are designed as per Bloom's taxonomy and are mentioned in respective curricula. The sanctioned syllabi are reviewed in the meeting of the Academic Council (AC). After modification (if any) and approval from the Academic council the syllabi are presented to the Governing Body (GB). Thereafter new curricula are implemented.

(\*Note - Composition of BoS, AC and GB are as per UGC Rules and Regulations)

Regular curriculum review and revision are central to this policy. Feedback from stakeholders including students, faculty, alumni, industry experts and academic peers is systematically collected and analyzed to ensure that the curriculum remains aligned with advancements in science and technology thereby catering demands of local/societal, national and global needs. The revised curricula need approval from BoS, AC and GB before implementation.

**Scope** - This policy applies to all core courses of programmes as well as certificate courses offered by the college. This policy has been approved by the Academic Council meeting dated 8<sup>th</sup> November 2025.

**Name and Sign of Principal with date**

  
8/11/2025

Prof. Dr. Vinda Manjramkar  
B.N. BANDODKAR COLLEGE OF SCIENCE (AUTONOMOUS), THANE

