



## Sardar Patel College

### Report on Three-Day National Workshop on NAAC Accreditation and Outcome-Based Education through AI-Powered Digital Learning

**Organized by:** The Office of Dean, Development and UGC Affairs, and Internal Quality Assurance Cell (IQAC), Osmania University.

**Date:** 3rd to 5th March 2025.

**Venue:** Tagore Auditorium, Osmania University.

**Attended by:** Dr. N. Hemalatha and Dr. Bindu Ambaru.

The three-day national workshop on "NAAC Accreditation and Outcome-Based Education through AI-Powered Digital Learning" was organized by Osmania University to provide insights into accreditation processes, outcome-based education (OBE), and the implementation of AI-powered digital learning. The workshop was graced by eminent academicians, researchers, and policymakers in higher education.

#### Day 1:

##### Inaugural Function

The workshop commenced with an inaugural session chaired by Prof. Kumar Molugaram, Vice-Chancellor, Osmania University. Distinguished guests included V. Balakista Reddy, Chairman of the Telangana Higher Education Council (TGCHE), Prof. G. Naresh Reddy, Registrar, OU, and Prof. S. Jithender Kumar Naik, OSD to VC, OU. The conveners of the event were Prof. B. Lavanya, Dean, Development and UGC Affairs, OU, and Prof. B. Sireesha, Director, IQAC, OU. The dignitaries emphasized the significance of OBE in aligning higher education with industry and global standards.

##### Session 1 & 2: Accreditation and Outcome-Based Education

**Speaker:** Prof. Urmila A. Patil, Head, Dept. of Electrical Engineering, and Dean Academics, D.Y. Patil Institute of Technology, Pune. Prof. Patil elaborated on the accreditation process, emphasizing the importance of implementing an input-process-output framework. She discussed the evaluation of course outcomes (COs), program outcomes (POs), and program-specific outcomes (PSOs), highlighting essential documentation techniques.

### **Session 3: Preparing Faculty for OBE as per NEP**

**Speaker:** Dr. D. P. Agarwal, Ex-Director, ABV-IIITM Gwalior, Former Chairman, UPSC. Dr. Agarwal provided insights into preparing faculty for outcome-based education as per the National Education Policy (NEP). He emphasized faculty training, curriculum design, and assessment strategies crucial for effective OBE implementation.

### **Session 4: Challenges of Resource Mobilization for NEP Implementation**

**Speaker:** Dr. D. P. Agarwal, Ex-Director, ABV-IIITM Gwalior, Former Chairman, UPSC. This session highlighted the financial and infrastructural challenges associated with NEP implementation. Dr. Agarwal discussed innovative strategies for resource mobilization and institutional funding to support the transition to OBE.

### **Day 2:**

#### **Session 1: Changing Higher Education – Accreditation Reforms**

**Speaker:** Dr. K. Rama, Professor of Practice, MAANU, Hyderabad. Dr. Rama provided an in-depth analysis of accreditation reforms in higher education, outlining the evolving policies and quality assurance frameworks necessary for institutional excellence.

#### **Session 2: Empowering Teachers for Challenges in Higher Education in the 21st Century**

**Speaker:** Dr. A.K. Bakhshi, Chair Professor of Chemistry, University of Delhi. Dr. Bakhshi delivered an inspiring talk on the role of educators in adapting to modern teaching methodologies. He emphasized the need for continuous learning and professional development to meet the demands of contemporary higher education.

#### **Session 3: Innovative Pedagogy for Quality Education in the Digital Age**

**Speaker:** Dr. A.K. Bakhshi, Chair Professor of Chemistry, University of Delhi. Dr. Bakhshi highlighted various innovative pedagogical approaches for digital-age education. He discussed the integration of technology in teaching to enhance student engagement and learning outcomes.

## **Session 4: Outcome-Based Education, Technology-Enhanced Teaching, and Learning.**

**Speaker:** Prof. B. Rajashekhar, Senior Professor, School of Management Studies, University of Hyderabad Prof. Rajashekhar, a three-time Ph.D. holder, shared valuable insights on digital-enhanced teaching methodologies. He discussed AI-powered tools for improving teaching efficiency and student performance assessment.

### **Day 3:**

#### **Session 1: Guidelines for CO-PO Assessment and Attainment**

**Speaker:** Dr. T. Ravinder Reddy, Accreditation Expert, International Institute of Quality Accreditation (IIQA). Dr. Reddy provided a comprehensive overview of assessing course outcomes (COs) and program outcomes (POs). He explained the structured framework for attainment measurement in OBE.

#### **Session 2: Research Innovations and Outputs**

**Speaker:** Prof. Samrat L. Sabat, Director, R&D, University of Hyderabad Prof. Sabat delivered an engaging talk on research ethics, project writing, funding opportunities, and project implementation. His insights helped participants understand the importance of research outputs in academia.

#### **Session 3 & 4: Mastering OBE: A Framework for Quality Education**

**Speaker:** Prof. S. Bhaskar, Dean, R&D, Thiagarajar College of Engineering, Tamilnadu. Prof. Bhaskar provided an in-depth explanation of Bloom's Taxonomy and its application in OBE. He emphasized curriculum mapping, learning levels, and strategies for achieving quality education through structured assessment models.

The workshop concluded with a grand valedictory function, followed by the national anthem.

We gained valuable knowledge on accreditation processes, outcome-based education, AI-powered digital learning, innovative pedagogy, and research innovations from this workshop. Additionally, the event provided excellent opportunities for networking and collaboration with experts in the field. We wish to share the knowledge and insights gained from this workshop with the faculty

members of Sardar Patel College. Together, we aim to enhance the quality of education at this college in alignment with the new guidelines for NAAC accreditation.

