

**Shree Somnath Education Society's**  
**J M SCIENCE COLLEGE & P.G. CENTRE-VERAVAL**  
*(Affiliation with Bhakta Kavi Narsinh Mehta-University)*

**INSTITUTIONAL DEVELOPMENT PLAN (IDP)**

**(2026–2031)**

**As per University Grants Commission (UGC) Guidelines**

**1. Executive Summary**

J. M. Science College and PG Center, established in the year 2016 and affiliated to Bhakta Kavi Narsinh Mehta University (BKNMU), presents its Five-Year Institutional Development Plan (IDP) for the period 2026–2031. This plan has been prepared in accordance with the guidelines of the University Grants Commission (UGC) and aligned with the objectives of the National Education Policy (NEP) 2020.

The IDP serves as a strategic framework to enhance academic quality, research culture infrastructure, governance, and student support systems, ensuring sustainable institutional growth and excellence in higher education.

**2. Institutional Profile**

Name of the Institution: J. M. Science College and PG Center Year of Establishment: 2016 Affiliating University: Bhakta Kavi Narsinh Mehta University (BKNMU)

Type of Institution: Higher Education Institution (HEI)

Nature: Co-educational

Programmes Offered:

B.Sc. Chemistry

B.Sc. Microbiology

M.Sc. Microbiology

NAAC Accreditation Status: Not yet accredited

**3. Vision**

To emerge as a center of excellence in science education and research by nurturing scientific temper, innovation, ethical values, and social responsibility.

**4. Mission**

To provide quality science education through learner-centric and outcome-based pedagogy

To promote research, innovation, and interdisciplinary learning

To inculcate ethical values, critical thinking, and scientific temper among students

To align academic and administrative practices with the National Education Policy 2020

## **5. Core Values**

Academic Excellence Integrity and Transparency Inclusivity and Equity Innovation and Research Orientation Environmental Sustainability.

## **6. Situational Analysis**

### 6.1 SWOT Analysis

Strengths Qualified and committed faculty Focused UG and PG science programmes Supportive academic environment Weaknesses Limited research funding Infrastructure and laboratory upgradation required Opportunities NEP-2020 implementation UGC schemes and research funding Scope for interdisciplinary and skill-based courses Threats Increasing competition among HEIs Rapid technological changes in science education.

## **7. Strategic Goals (2026–2031)**

Implementation of NEP-2020 compliant academic reforms Strengthening research, innovation, and extension activities Faculty and staff capacity building Enhancement of student support and employability Infrastructure development and digital transformation Strengthening governance and quality assurance mechanisms.

## **8. Academic Development Plan**

Adoption of Choice Based Credit System (CBCS), Learning Outcome-based Curriculum Framework (LOCF), and Outcome Based Education (OBE) Introduction of skill-based, value-added, and certificate courses Promotion of experiential learning through internships, projects, and fieldwork Integration of ICT tools, MOOCs, and blended learning approaches Continuous evaluation and assessment reforms.

## **9. Research, Innovation and Extension**

Formation of a Research and Development Committee Encouragement for research publications, seminars, and conferences Promotion of faculty and student research projects Industry–academia collaboration and consultancy Community outreach and extension activities through social engagement.

## **10. Faculty and Human Resource Development**

Recruitment and promotion as per UGC norms Faculty participation in Orientation, Refresher Courses, and FDPs Performance appraisal and feedback mechanisms Leadership development and mentoring initiatives.

## **11. Student Support and Progression**

Scholarships and financial assistance for eligible students Mentor–mentee system for academic and personal guidance Career guidance, placement support, and skill development Coaching for competitive examinations Strengthening alumni association and alumni engagement.

## **12. Infrastructure and Learning Resources**

Development of smart classrooms and modern laboratories Library automation and access to e-resources Enhancement of ICT infrastructure Promotion of green, clean, and sustainable campus initiatives.

### **13. Governance, Leadership and Management**

Decentralized and participative governance structure Strengthening of Internal Quality Assurance Cell (IQAC) Implementation of e-governance in administration Transparency, accountability, and stakeholder participation.

### **14. Financial Planning and Resource Mobilization**

Systematic budgeting and financial planning Mobilization of funds through UGC and government schemes Introduction of self-financed certificate and skill courses Consultancy services and CSR funding.

### **15. Quality Assurance Mechanism**

Preparation and implementation of IQAC annual action plans Collection and analysis of stakeholder feedback Academic and administrative audits Continuous quality improvement measures.

### **16. Implementation, Monitoring and Evaluation**

Time-bound implementation of IDP activities Annual review by IQAC and Governing Body Documentation of progress and outcomes Corrective and preventive actions based on evaluation

### **17. Risk Management**

Academic risks mitigated through faculty training and curriculum revision Financial risks managed by diversified funding sources Technological risks addressed through ICT Upgradation

### **18. Conclusion**

The Five-Year Institutional Development Plan (2026–2031) of J. M. Science College and PG Center reflects the institution's commitment towards academic excellence, research growth, effective governance, and student-centric development in alignment with UGC guidelines and the National Education Policy 2020. The institution endeavours to achieve sustainable growth and quality enhancement during the proposed plan period.