



Vidarbha Youth Welfare Society, Amravati

# PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH

(An Autonomous Institute)

Recognized By : All India Council for Technical Education, New Delhi,  
Directorate of Technical Education (DTE) Maharashtra State, Mumbai

Affiliated to: Sant Gadge Baba Amravati University, Amravati.



## **7.2 Best Practices (AY 2023-24)**

### **Best Practice I:**

#### **1. Title of the Practice:**

“Promoting Awareness of the National Education Policy (NEP) 2020 in other Schools and Colleges”

#### **2. Objectives of the Practice:**

To disseminate knowledge about NEP-2020 among stakeholders and encourage its implementation for holistic educational development.

#### **3. The Context:**

The introduction of NEP-2020 required significant awareness among educators, students, and administrators to understand its transformative potential and align institutional practices with its vision.

#### **4. The Practice:**

The institute organized seminars, workshops, and expert talks on NEP-2020 for faculty, students and parents at the Institute as well as around 18 schools and colleges of the region. Collaborative events with experts were conducted to highlight opportunities and challenges, ensuring clarity of the policy's objectives and actionable insights.

#### **5. Evidence of Success:**

More than 85% of faculty members have integrated NEP principles into their teaching methodologies. The institute has restructured its curriculum to offer interdisciplinary learning, flexibility, and vocational training as recommended by NEP-2020. The schools and colleges of the region assured to tune their curricula in accordance with NEP-2020 framework.

#### **6. Problems Encountered and Resources Required:**

Initial resistance to change and a lack of understanding among stakeholders were key challenges. Resources required included expert facilitators, multimedia tools, and an adaptable academic framework. The institute conducted programs at the schools and colleges of the region bearing the expenses.



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- Notes:** This initiative can serve as a model for other institutions aiming to align with NEP-2020. Continuous efforts in awareness and training will ensure its effective implementation.

### **Additional Information:**

This practice emphasizes the institute's proactive approach to adopting NEP-2020, ensuring its stakeholders remain informed and aligned with national educational reforms.

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### **Best Practice II:**

- Title of the Practice:**

“Sustainable Water Management through Wastewater Treatment and Rainwater Harvesting”

- Objectives of the Practice:**

To conserve water by treating wastewater for gardening and improve the groundwater table through rainwater harvesting techniques.

- The Context:**

Water scarcity in urban areas and the rising need for efficient water management necessitated innovative solutions for recycling and conserving water on campus.

- The Practice:**

The institute constructed a Wastewater Treatment Plant behind the parking area that collects and treats wastewater through phytoremediation. The treated water is used for gardening. Additionally, rainwater harvesting systems are implemented to recharge the groundwater table. This practice ensures sustainability and water conservation, aligning with the goals of higher education institutions in India.

- Evidence of Success:**

The institute now uses treated wastewater for 80% of its gardening needs, reducing



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freshwater usage. Rainwater harvesting has led to a measurable improvement in the groundwater table during annual reviews.

6. **Problems Encountered and Resources Required:**

7. Initial challenges included infrastructure costs and training staff for maintenance. Resources required include trained personnel, treatment plant machinery and rainwater harvesting structures.
8. **Notes:** This practice can be replicated in other institutions with minimal recurring costs and contributes significantly to environmental sustainability.

**Additional Information:** This initiative aligns with the institution's commitment to sustainable development and fosters awareness among students about water conservation and environmental responsibility.

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