

## Report on Unnat Bharat Abhiyan (UBA) Foundation Day Celebration

The UBA Foundation Day event held at the K. K. Wagh Institute of Engineering Education and Research, Nashik,

### Event and Organizational Details

Component	Detail
Event Name	UBA Foundation Day Celebration
Organizing Body	UBA Cell, KKWIEER
Host Institution	K. K. Wagh Institute of Engineering Education and Research, Nashik
Event Coordinator	Prof. R. D. Rakhade
Venue	Mechanical Engineering Department
Participants	30 Staff Participants
Key Session Title	Advancing Rural Development through Research Opportunities
Speaker	Dr. M. N. Shelar

### Objectives of Unnat Bharat Abhiyan (UBA)

The fundamental objective of UBA is to achieve **rural development** by leveraging the knowledge, experience, and resources of higher educational institutions

The presentation outlines five key goals for a transformed India:

- **Educated India**
- **Capable India**
- **Clean India**
- **Self-Reliant India**
- **Prosperous India**
- **Core Action:** To converge knowledge/experience/resources for rural development
- **Overall Goal:** To involve the entire community in the development of the village

### Key Areas and Content of Discussion

The session focused on various areas for rural development, offering potential **Research Opportunities**<sup>7</sup> for the participating staff. These areas represent multidisciplinary themes vital for sustainable village growth

#### A. Water Resource Management

- Gravity based irrigation
- Divergence based irrigation
- Rain water harvesting
- Farm pond concept

## B. Organic Farming and Livelihood

- Organic fertilizers
- Indigenous native seed varieties
- Cactus plantation
- Tribal Livelihood Development

## C. Renewable/Sustainable Energy

- Solar energy systems
- Biogas unit

## D. Basic Amenities and Technology

- Digital school
- Automatic weather station
- Rain gauge project made by school students

## Expected Outcomes

Based on the nature of the event (a foundation day celebration with a focused session on research opportunities), the likely outcomes for the participating college staff and the institution include:

- **Increased Awareness:** Staff members are now more aware of the UBA's core philosophy and the pressing development challenges in rural areas.
- **Identification of Research Areas:** The session provided clear, actionable domains and sub-areas (e.g., solar energy systems , farm pond concept ) where technical expertise can be applied to solve local problems.
- **Development of UBA Projects:** The event serves as a catalyst for the 30 participating staff members to formulate and initiate new UBA projects focused on the mentioned areas like Organic Farming, Water Management, and Sustainable Energy.
- **Interdepartmental Collaboration:** The diverse topics discussed suggest potential for collaboration between departments (e.g., Mechanical Engineering Department being the venue, potentially working on biogas units or solar systems)

