

# FACULTY DEVELOPMENT PROGRAM



**Sunbeam**  
**Women's College Varuna**  
Towards Women Empowerment ...  
**Post Graduate College**  
(Affiliated to Mahatma Gandhi Kashi Vidyapith, Varanasi)  
(Accredited by NAAC)



**Institute of Science**  
**(Computer Science Dept.)**  
**BHU**

The Internal Quality Assurance Cell (IQAC) of  
**Sunbeam Women's College Varuna, Varanasi**  
in collaboration with  
**Institute of Science (Computer Science Dept.), BHU**  
is organising

**Five-Day Faculty Development Program on**

**Artificial Intelligence Tools for Advancing Research  
and Education**

**28<sup>th</sup> January to 1<sup>st</sup> February 2025**

## Resource Person



**Prof. Pramod Kumar Mishra**  
Head, IEEE (USA), FIMA (UK)



**Dr. Sunil Kumar Singh**  
Professor of Education- BHU



**Dr. S. K. Tiwari**  
Teachers Training Centre - BHU



**Dr. Vivek Kumar**  
Assistant Professor, Commerce  
Jananayak Chandrashekhar University  
Ballia

## About FDP

The rapid advancements in Artificial Intelligence (AI) have transformed various domains, including education and research. The Faculty Development Program (FDP) on "**Artificial Intelligence Tools for Advancing Research and Education**" aims to provide faculty members with an in-depth understanding of how AI tools and techniques can be utilized to enhance teaching methodologies, facilitate research, and promote innovative learning experiences.

## FDP Outcomes

- Understanding AI Fundamentals
- Skill Development in AI Tools
- Improved Research Capabilities
- Innovative Pedagogical Practices
- Interdisciplinary Collaboration
- Ethical and Responsible use of AI
- Enhanced Employability and Industry Readiness
- Creation of AI-based Educational Resources
- Certification and Recognition
- Future Readiness

## FDP Highlights

### AI Powered E-Learning Platforms

Learn about cutting-edge AI tools that can assist in data analysis, model building, and computational research online and learning management system.

### AI in Classroom Learning

Discover AI-based tools that can revolutionize teaching, including personalized learning systems, automated grading, and content generation.

### Hands-on Sessions and Demonstrations

Practical demonstrations and hands-on experience with popular AI tools for both research and education.

### Future Trends and Opportunities

Gain insights into the future of AI in academia and research, and the emerging trends in educational technology.

### Chief Patron

**Dr. Deepak Madhok**

Chairperson, Sunbeam Group of Educational Institutions

### FDP Director

**Prof. Pramod Kumar Mishra**

Head, IEEE (USA), FIMA (UK)

### Patron

**Mrs. Bharti Madhok**

Vice Chairperson, Sunbeam Group of Educational Institutions

### Co-Patron

**Mrs. Amrita Burman**

Director, Sunbeam Group of Educational Institutions

### Principal

**Dr. Rajeev Singh**

Sunbeam Women's College Varuna

### Administrator

**Dr. Shalini Singh**

Sunbeam Women's College Varuna

### Coordinators

**Dr. Manisha Singh**  
Academic Head

**Dr. Piyush Kumar Pathak**  
IQAC, Coordinator

**Dr. Ragini Tripathi**  
HoD, Dept. of Science

**Ms. Harshita Shah**  
Dept. of Science

### Organising Committee

**Dr. Rajiv Sikroria**  
Dept. of Management

**Dr. Himanshi Agarwal**  
HoD, Dept. of Commerce

**Dr. Ritu Singh**  
Dept. of Science

**Dr. Karunendra Pratap Singh**  
Dept. of Management

**Dr. Ravi Shekhar Singh**  
Dept. of Arts

**Dr. Soumik Goswami**  
Dept. of Science

**Dr. Sunil Kumar Rai**  
Dept. of Commerce

**Dr. Dipti Agarwal**  
HoD, Dept. of Arts

**Dr. Anju Rai**  
Dept. of Science