

## Objective of FDP

**Fundamental Knowledge Transfer:** To provide in-depth, strong antenna fundamentals and latest advancements in the field.

**Emerging Technologies Awareness:** To introduce key 5G/6G enabling technologies such as mmWave, THz bands, Reconfigurable antenna design.

**Research & Development Focus:** To train faculty and researchers in identifying research gaps in antenna miniaturization, MIMO performance, and high-efficiency structures.

**Hands-on Skill Acquisition:** To provide practical, hands-on experience using industry-standard simulation software HFSS for 5G antenna design.

**Industry-Academia Collaboration:** To strengthen ties between academic research and industry requirements

## Topics to be Covered :

- Introduction to 1G to 6G
- Understand fundamental concepts of antenna design and analyze antenna performance using industry-standard simulation tool Ansys HFSS
- MIMO antenna design for modern Wireless communication
- Software-Defined Radio (SDR) and Cognitive Radio
- Reconfigurable antennas for wireless applications
- Meta materials for advanced antenna applications
- Antennas for biomedical and microwave engineering

## Eligibility

Faculty members of AICTE approved Institutions, research scholars, PG Scholars, Participants from government Institutes etc.

## Resource Persons

Session will be handled by eminent persons from reputed Institutions & Industry.

## Registration Details

Registration Fee : Rs.200/- Per Participant

## Important Dates

- Last date of registration: 15th April 2026
- Intimation of the selected candidates : 18th April 2026
- FDP Duration : 20 to 24th April 2026

## Registration Link

[https://docs.google.com/forms/d/e/1FAIpQLSds4Up\\_9tqELolbbJz4Q4rAW6lDd0Gqiyohea4cdnhimBDLtA/viewform?usp=header](https://docs.google.com/forms/d/e/1FAIpQLSds4Up_9tqELolbbJz4Q4rAW6lDd0Gqiyohea4cdnhimBDLtA/viewform?usp=header)

It is mandatory to attend the test to be conducted at the end of the day related to the topics covered. It is also mandatory for the participants to have a minimum of 80% attendance and 60% marks in the test to earn the certificate.

## About Department

### Vision

In pursuit of excellence in Electronics and Telecommunication Engineering through quality education for progressive career in industry and academia globally.

### Mission

1. To provide quality education by promoting professionalism
2. Improve employability/entrepreneurship/higher studies through value-added education.
3. To expose students with a multidisciplinary technology spectrum in order to prepare them for global competition.
4. To inculcate research attitude and professional ethics for addressing the needs of Industry and Society.



Shri Mahatma Basweshwar Education Society's

**M.S. BIDVE ENGINEERING COLLEGE**

P. O. Box No. 112, Barshi Road, Latur - 413 531 (Maharashtra)

**Electronics & Telecommunication  
Engineering Department**

*Organizes*



**ISTE Approved One Week**

**Faculty Development Program (FDP)  
on**

**Recent Trends in Antenna  
Design For Wireless  
Applications (5G/6G)**

**20 to 24th April 2026**



**: Patron :**

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M.B.Education Society, Latur

**Hon'ble Shri Madhavrao T. Patil**

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Principal

M.S. Bidve Engineering College

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**M.S. Bidve Engineering College**

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Dr. S.R.Halhalli

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Mr. A.A.Kadam.

Prof. S.S.Killarikar

Mr. S.N.Shete

Mr. A.B.Bidve

## Courses offered by the Institute :

- **Engineering & Technology**

B.Tech., M.Tech., Diploma(Polytechnic)

- **Management**

MBA

- **Computer Applications**

BCA, MCA



## Institute Innovation Council:

The Institute Innovation council (IIC) is an initiative by the Ministry of Education under the Government of India to promote Innovation and Entrepreneurship across Education institutions. The IIC aims to foster a culture of Innovation, Encourage. Students to develop creative solutions, and transform ideas in to real word applications.

The overall goal of the IIC is to build an ecosystem that encourages students to think critically, solve problems and contribute to the country's innovation landscape. It is a part of the Atal Innovation Mission(AIM) which is also aimed at driving innovation across India.

## About the Institute.

In pursuance with the dream of Mahatma Basweshwar and Deshikendra Maharaj the Mahatma Basweshwar Education Society has been established in the year 1963 at Latur. This Society is one of the oldest & reputed educational societies in Marathwada region. In the era of globalization, to create engineering graduates having knowledge with global insight, meeting the needs of industry, M.B. Education Society started M. S. Bidve Engineering College in 1983 at Latur, introducing under graduate engineering & technology program affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere and approved by AICTE, New Delhi. Different programs such as Management & computer applications and post graduate, diploma engineering and technology programs are introduced in addition to the under graduate engineering & technology program are introduced as on date. The UG & PG engineering & technology program is now Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere., Diploma (Polytechnic) program is affiliated to MSBTE Mumbai and Computer application, management programs are Affiliated to SRTM University Nanded.

## Vision

To attain technical excellence for the welfare of mankind.

## Mission

"It is our mission to impart qualitative technical education at affordable cost for the students hailing from vernacular background and deprived classes. It is our conviction to make them competitive in global environment through dissemination of knowledge, development of technical and social skills & by inculcating human values. We, the management, faculty and staff find the privilege and pride to commit whole heartedly to accomplish this goal."