

Vision, Mission of institute

Vision:

To empower rural youth through affordable and sustainable technical education that builds skills, confidence, and values.

Mission:

1. To equip rural youth with practical skills and confidence for successful careers and lives.
2. To provide affordable, sustainable education that empowers students to benefit their communities and environment.
3. To connect students with industry, providing hands-on, real-world experience and career ready skills.
4. To nurture ethical, responsible individuals who make a positive impact on society.

Vision, Mission of Department

Vision

To nurture civil engineers through affordable, skill-based education, preparing them to build sustainable infrastructure and serve society.

Mission

1. To provide quality education in civil engineering with a strong emphasis on practical and technical skills.
2. To promote sustainable design, construction practices, and innovative problem-solving.
3. To develop ethical, environmentally conscious, and socially responsible engineers.
4. To inculcate lifelong learning attitude for continuous professional growth.

CHIEF PATRON

Hon. Shri Ganpatrao (Dada) Patil
(Head Datta Sankul)
(Shri Datta S.S.S.K.Ltd Charitable Trust's)

PATRONS

Shri. Raghunath (Data) Patil
Chairman
(Shri Datta S.S.S.K.Ltd Charitable Trust's)

Shri. Sharadchandra Pathak
Vice Chairman
(Shri Datta S.S.S.K.Ltd Charitable Trust's)

Shri. M. V. Patil
Ex-officio Trustee
(Shri Datta S.S.S.K.Ltd Charitable Trust's)

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Director (Health & Education)

Dr. D. N. Mudgal
Campus Director

CONVENER

Prof. S. N. Pawar
Dean Engineering

Prof. P. R. Patil
Vice Principal

Prof. N. B. Bhole
Head of Department Civil Engineering,
Contact No- 8600035777

CO-CONVENER

Prof. Mrs. J. S. Chudmunge
Contact No- 9764141638

CO-ORDINATOR

Mr.N. K. Shinde
Contact No- 9890360933

ORGANIZING COMMITTEE

All Faculty Members
(Civil Engineering Department)



ISTE APPROVED

**ONE WEEK FACULTY
DEVELOPMENT PROGRAM**

ON

“BIM Using Revit Architecture”

(Online Mode)

9th March to 14th March

Organized by

Department of Civil Engineering

Shree Datta Shetkari Sahakari Sakhar Karkhana
Pvt. Ltd. Charitable Trust

**Appasaheb Alias Sa. Re. Patil Institute of
Technology, Dattanagar, Shirol.**

AICTE New Delhi, DTE Mumbai, GOVT. Of Maharashtra & Affiliated
to MSBTE, Mumbai & DBATU, Lonere. Dattanagar Shirol, Tal-Shirol,
Dist-Kolhapur, Maharashtra, India-416120

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About Institute

Dr. Appasaheb Alias Sa. Re. Patil Institute of Technology, Shirol, was established in 2010 and is approved by AICTE and the Government of Maharashtra. It is affiliated with MSBTE Mumbai and Dr. Babasaheb Ambedkar Technological University, Lonere. The institute is located at Shirol in Kolhapur district and is known for providing quality technical education. The campus has greenery and facilities like sports ground, hostel, canteen, bank, and medical support. Its main aim is to provide technical education to rural and economically weaker students, fulfilling the vision of Late Dr. Appasaheb Alias Sa. Re. Patil. Many well-known personalities have visited the institute. The institute offers diploma courses in Civil, Computer, Electrical, and Mechanical Engineering and, from 2024, started degree courses in Computer Science, Electrical, Mechanical, and Electronics & Telecommunication Engineering.

About Department

The Technical Education Department aims towards making available the trained and technically qualified hands to serve the industry & society. The department laboratories equipped with UTM, CTM, Impact Testing Machine, Tilting Flume, Abrasion Testing Machine, Total Station, Digital Planimeter, Digital Level, Auto Level, Theodolite. The Civil department has well qualified and experienced teaching faculty members with various specializations. Faculty and students publish their Technical papers in national and international journals. Students Projects are sponsored by Industry helps to solve Real-Time Problem. Department has signed MOUs with various industries. Department has professional membership with The Indian Society for Technical Education.

About FDP

A Faculty Development Program (FDP) on Building Information Modeling (BIM) using Autodesk Revit Architecture is designed to equip educators and professionals with practical and theoretical knowledge of modern digital construction workflows. The program focuses on understanding BIM concepts, parametric modeling, collaborative project environments, and data-driven design processes within the Revit Architecture platform.

The FDP covers core topics such as:

1. Importance of Revit in Industry, Installation of Revit, User Interface Overview, Units Setup, Creating & Understanding Levels.
2. Linking CAD File, Wall Creation using CAD Reference, Types of Walls & Editing.
3. Floor Creation, Adding Doors, Understanding Door Families.
4. Window Families, Adding Windows, Ceiling Creation, Adding Lighting Fixtures.
5. Staircase Creation, Roof Creation, 6. Completion of Ground Floor House Model.

Resource Persons

Industry Experts and Academicians from renowned Industries and Institutions.

Target Audience

Faculty members from Diploma, Degree & PG Courses, Research Scholars, and Academicians, Industry Professionals.

Registration

Registration is Free

Registration link-

<https://forms.gle/YLWf6NYeBSzcHzZH6>

Guidelines

- Program will be conducted in online mode.
- Attendance is mandatory for all Sessions.
- Certificates will be issued to participants who attend all sessions, qualify in the final test, and submit feedback.
- The name that appears on the Registration form will be appearing on the certificate.

SCHEDULE

| Day | Date | Time | Topic | Resource Person |
|---------|---------------|----------------------|--|-------------------------------------|
| Day I | 09 March 2026 | 10:30 am to 10:45 am | Inauguration | Principal, HOD |
| | 10 March 2026 | 10:45 am to 05:00 pm | Importance of Revit in Industry, Installation of Revit, User Interface Overview, Units Setup, Creating & Understanding Levels. | Mr. Hemant Patil & Ar. Rutuja Patil |
| Day II | 10 March 2026 | 10:00 am to 05:00 pm | Linking CAD File, Wall Creation using CAD Reference, Types of Walls & Editing. | Ar. Rutuja Patil |
| Day III | 11 March 2026 | 10:00 am to 05:00 pm | Floor Creation, Adding Doors, Understanding Door Families. | Ar. Rutuja Patil |
| Day IV | 12 March 2026 | 10:00 am to 05:00 pm | Window Families, Adding Windows, Ceiling Creation, Adding Lighting Fixtures. | Ar. Rutuja Patil |
| Day V | 13 March 2026 | 10:00 am to 05:00 pm | Staircase Creation, Roof Creation. | Ar. Rutuja Patil |
| Day VI | 14 March 2026 | 10:00 am to 05:00 pm | Completion of Ground Floor House Model. | Mr. Hemant Patil & Ar. Rutuja Patil |
| | | 05:00 pm to 05:30 pm | Valedictory Function & Participants' Feedback Session | Principal, HOD |