

# Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University.

At Sahajanandnagar, Post Shingnapur-423603, Ta.: Kopargaon, Dist.: Ahmednagar (MS)

Approved by AICTE, ISO 9001-2015 Certified, Accredited by NBA, Accredited 'A' Grade by NAAC,

Website: [www.sanjivanicoe.org.in](http://www.sanjivanicoe.org.in), Email: [principalcoe@sanjivani.org.in](mailto:principalcoe@sanjivani.org.in),

Ph.No.: (+91) 9130191301, Fax: (02423)-222682



## Department of Civil Engineering

# Engineering Geology Laboratory Details



# Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University.

At Sahajanandnagar, Post Shingnapur-423603, Ta.: Kopargaon, Dist.: Ahmednagar (MS)

Approved by AICTE, ISO 9001-2015 Certified, Accredited by NBA, Accredited 'A' Grade by NAAC,

Website: [www.sanjivanicoe.org.in](http://www.sanjivanicoe.org.in), Email: [principalcoe@sanjivani.org.in](mailto:principalcoe@sanjivani.org.in),

Ph.No.: (+91) 9130191301, Fax: (02423)-222682



## Department of Civil Engineering

### Engineering Geology Laboratory



# Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University.

At Sahajanandnagar, Post Shingnapur-423603, Ta.: Kopargaon, Dist.: Ahmednagar (MS)

Approved by AICTE, ISO 9001-2015 Certified, Accredited by NBA, Accredited 'A' Grade by NAAC,

Website: [www.sanjivanicoe.org.in](http://www.sanjivanicoe.org.in), Email: [principalcoe@sanjivani.org.in](mailto:principalcoe@sanjivani.org.in),

Ph.No.: (+91) 9130191301, Fax: (02423)-222682



## Department of Civil Engineering

---

### List of Major Equipment

- Petrographic Microscope (with polarizing facility)
- Resistivity Meter
- Mineral and Rock Specimen Sets
- Brunton Compass / Geological Compass
- Topographic Maps and Geological Maps



# Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University.

At Sahajanandnagar, Post Shingnapur-423603, Ta.: Kopargaon, Dist.: Ahmednagar (MS)

Approved by AICTE, ISO 9001-2015 Certified, Accredited by NBA, Accredited 'A' Grade by NAAC,

Website: [www.sanjivanicoe.org.in](http://www.sanjivanicoe.org.in), Email: [principalcoe@sanjivani.org.in](mailto:principalcoe@sanjivani.org.in),

Ph.No.: (+91) 9130191301, Fax: (02423)-222682



## Department of Civil Engineering

### Major Equipment



### Petrographic Microscope

**Manufacturer-** Lynx [Lawrence & Mayo \(India\) Private Ltd.](#) Kolkata

**Cost-** Rs. 46.654/-

**Application-** A Petrographic Microscope is a specialized optical microscope designed for studying thin sections of rocks and minerals under transmitted polarized light. It helps identify the mineral composition, texture, and microstructure of rocks — all of which are essential for geological and geotechnical investigations in civil engineering.

# Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University.

At Sahajanandnagar, Post Shingnapur-423603, Ta.: Kopargaon, Dist.: Ahmednagar (MS)

Approved by AICTE, ISO 9001-2015 Certified, Accredited by NBA, Accredited 'A' Grade by NAAC,

Website: [www.sanjivanicoe.org.in](http://www.sanjivanicoe.org.in), Email: [principalcoe@sanjivani.org.in](mailto:principalcoe@sanjivani.org.in),

Ph.No.: (+91) 9130191301, Fax: (02423)-222682



## Department of Civil Engineering



### Resistivity Meter (Aquameter CRM)

**Manufacturer-** Anvic [System ,Pune.](#)

**Cost-** [Rs. 41,000/-](#)

**Application-** A Resistivity Meter (Aquameter CRM) is a geophysical instrument, used to measure the electrical resistivity of subsurface materials. It works on the principle that different earth materials (soil, rock, groundwater, etc.) have different electrical resistivity's, which helps determine the subsurface composition and groundwater conditions. Commonly used in Vertical Electrical Sounding (VES) surveys. Determines the layered structure of subsurface materials by measuring resistivity variations with depth. Important for site investigation in civil engineering projects.