



**ST. JOSEPHS DEGREE
COLLEGE
SUNKESULA ROAD
KURNOOL-518002**



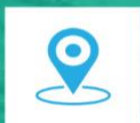
Field Visit to Meteorological Department



31/01/2026



9:00 AM – 12:00 PM



B-Camp, Birla Gate, Kurnool.

Organized by:

**Department of Physics
In Collaboration with IIC**

College website: <https://www.sjcknl.edu.in>



ST. JOSEPH'S DEGREE COLLEGE

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Report on Field Visit to Meteorological Department

Introduction:

A field trip to the **Meteorological Department** was organized to provide practical exposure to students on weather monitoring and forecasting techniques. This visit helped students to understand the theoretical concepts of meteorology through real-time observations.

Title: Field Visit to Meteorological Department

Date: 31/01/ 2026

Venue: B.Camp,Birla Gate, Kurnool.

Organized by: Department of Physics

In Collaboration with: EDC & IIC Cell

Target Audience: II B.Sc. Minor Physics & I B.Sc. Major Physics

Number of Participants: 50

Objectives of the Field Trip:

- To study weather measuring instruments and their functioning
- To understand data collection and weather forecasting methods
- To gain awareness about the importance of meteorology in daily life, agriculture, and disaster management.

Description of the Activity:

- The field trip was organized to enhance students' practical understanding of meteorology. Upon arrival at the Meteorological Department, the officials welcomed the participants and gave an introductory briefing about the department's functions.
- Students were explained the working principles of various meteorological instruments such as thermometer, barometer, hygrometer, rain gauge, anemometer, and wind vane. The officials demonstrated how atmospheric parameters like temperature, humidity, rainfall, wind speed, and pressure are measured and recorded.

- The session also covered weather forecasting techniques, data analysis, and early warning systems for cyclones and extreme weather conditions. Students actively interacted with the experts, making the visit informative and engaging.

Outcomes of the Field Trip:

The outcomes of the field visit include:

- Students gained hands-on knowledge of meteorological instruments
- Improved understanding of weather monitoring and forecasting techniques
- Enhanced analytical skills through real-time data observation
- Increased awareness about climate change and environmental issues
- Encouraged interest in atmospheric sciences and research-based learning

Conclusion:

- The field trip to the Meteorological Department was highly informative and educational. It successfully bridged the gap between theory and practice. The visit was well organized and beneficial for all participants.





Kurnool, Andhra Pradesh, India
R24q+8x8, Krishna Reddy Nagar, B Camp, Kurnool, Andhra Pradesh 518002, India
Lat 15.805688° Long 78.039948°
Saturday, 31/01/2026 11:01 AM GMT +05:30



Kurnool, Andhra Pradesh, India
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Saturday, 31/01/2026 10:48 AM GMT +05:30



Kurnool, Andhra Pradesh, India
R24q+8x8, Krishna Reddy Nagar, B Camp, Kurnool, Andhra Pradesh 518002, India
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Saturday, 31/01/2026 10:03 AM GMT +05:30



Kurnool, Andhra Pradesh, India
02, Sanjeevanagar, Krishna Reddy Nagar, B Camp, Kurnool, Andhra Pradesh 518002, India
Lat 15.805531° Long 78.039958°
Saturday, 31/01/2026 10:19 AM GMT +05:30



Kurnool, Andhra Pradesh, India
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Lat 15.805505° Long 78.039901°
Saturday, 31/01/2026 10:18 AM GMT +05:30



Kurnool, Andhra Pradesh, India
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