

Bhilai, 28 February 2026 (Saturday):

The students of **M.Sc. Nursing (1st Year and Final Year) from Government College of Nursing Durg, Chhattisgarh, conducted an educational industrial visit to Bhilai Steel Plant (BSP)** as part of their Community Health Nursing and Occupational Health curriculum.

The visit was organized under the esteemed guidance of Dr. Rema Rajesh, Principal, GCON Durg. The program was coordinated by Dr. Kalpana Bhushan Joshi, Associate Professor, and Mrs. Shalini Deshmukh, Demonstrator, along with all respected teachers of the Community Health Nursing Department.

Pre-Briefing Session

A detailed pre-briefing session was conducted by the HRD Department. Special thanks were extended to Mr. Rajesh Shrivastava, GM HRD; Mr. Fauzly; Mr. Balram Meshram; and Mr. Tiwari for their valuable support.

During the session, Mr. Balram Meshram highlighted that BSP is a flagship unit of Steel Authority of India Limited (SAIL) and one of India's leading integrated steel plants. The plant has received prestigious recognitions, including the Prime Minister's Trophy for Best Integrated Steel Plant. BSP is globally known for producing 130-meter-long rails at its Universal Rail Mill (URM), which are further welded into 260-meter panels and exported worldwide.

Other major SAIL units include Bokaro Steel Plant, Durgapur Steel Plant, and Rourkela Steel Plant.

Plant Visit Highlights

Under the guidance of Mr. Tiwari Sir, students visited:

Blast Furnace-8 – Observed iron-making and high-temperature operations.

SMS-3 (Steel Melting Shop-3) – Learned about steel refining and continuous casting.

Universal Rail Mill (URM) – Witnessed advanced rolling technology and rail production.

Students gained practical knowledge about Raw Material Handling, Ironmaking, Steelmaking, Rolling Mills, and Auxiliary Units.

Safety and Occupational Health Awareness

Strict safety measures were followed, including use of helmets, safety shoes, PPE, adherence to marked pathways, and awareness of emergency exits. Students were educated about fire safety systems and emergency preparedness.

They also studied occupational health hazards such as heat exposure, noise pollution, dust and fumes, risk of burns and injuries, and ergonomic strain. Preventive measures like PPE usage, ventilation systems, periodic health check-ups, and safety training were explained.

Conclusion and Vote of Thanks

The visit was highly informative and enriched students' understanding of industrial safety and occupational health nursing. It provided practical exposure linking classroom learning with real industrial settings.

On behalf of Government College of Nursing, Durg, Dr. Kalpana Bhushan Joshi, Associate Professor and Coordinator, delivered the Vote of Thanks, expressing sincere gratitude to the management and HRD Department of Bhilai Steel Plant for their warm hospitality, guidance, and for providing such a valuable learning opportunity to the students.

The visit proved to be a remarkable and professionally enriching experience for all participants.

Video Link Click Here

<https://youtube.com/shorts/cgVlkDAU1Q0?feature=share>