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Registration Seminar

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Seminar Title	: Quantification of Ground Level Concentrations of PM <sub>10</sub> emitted from multiple sources of industries, mines and transportation in Angul – Talcher industrial area in the State of Odisha in India
Speaker	: Subhadarsini Das ( Rollno : 922ce5001)
Supervisor	: Kakoli Karar(Paul)
Venue	: Department Seminar Room
Date and Time	: 11 Jul 2025 (10:30 AM)
Abstract	: Air pollution, a critical environmental issue, is caused by release of harmful substances into the atmosphere. Industrial areas, being hubs of production and manufacturing are significant contributors to air pollution. Mining activities needed for resource extraction, are significant contributors to air pollution. With this background, the study intends to quantify PM <sub>10</sub> Ground Level Concentrations (GLCs) originating from industrial, mining, and transportation activities, and to generate spatial contour maps using dispersion modeling for the Angul&ndashTalcher industrial belt. For quantification of GLC, Gussian, Dispersion Model AERMOD has been proposed.