



Dr. S K MAITI

Assistant Professor

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Qualifications: MSc (Botany specialization Microbiology; Calcutta Univ.), M.Tech (Env. Sc. & Engg. IIT B), Ph.D (Env. Sc. & Engg. ISM, Dhanbad).

Specialization: Ecology; Environmental microbiology; Biological Reclamation; Biological Waste Water Treatment, EIA

Research Interest: Biological reclamation of mined out areas; Bioremediation of heavy metals in metallic waste; Biological wastewater treatment; Bioremediation of Fly ash; EIA.

Research Publications: Books – 2; Journals – 28 (International = 7); Seminar & conferences = 50; Chapter in books = 10

DR SK MAITI has 17 years of teaching and research experience in the field of Environmental Science & Engg. He has established Environmental Ecology & Microbiology Lab in the Centre facilitates with sophisticated microscopes with image capturing & analysis system for *Mycorrhiza studies*. He has undertaken various consultancy and R&D projects sponsored by Coal S&T, MOC; MOEF in the area of bioreclamation of mined out areas, fly ash and other metallic waste, dust attenuation by tree, withering of trees in OB dumps etc. He has guided 1 Ph.D and 15 M.Tech students.

R&D projects

- ◆ An Assessment of overburden dump rehabilitation technologies adopted in CCL, NCL, MCL & SECL mines (MoEF (9)/2001-2002/R&D) (on going).
- ◆ Studied of green belt regarding its noise attenuation & Dust arresting capacity in coal mining areas (MT/S&T/EE12/94) (Coal S&T grant of Dept of Coal) (Completed).