

- Analytical facilities: GC/MS, GPC/HPLC, GC, Ion Chromatography units
- Instrumentation for standard water and effluent analyses (BOD, COD, biological)
- Total Organic Carbon Analyzer (TOC-5000A, Shimadzu)
- System for particle size and zeta-potential measurements (Zetasizer, MALVERN)
- Surface profilometer-Thin film measurements (Veeco, DEKTAC3ST))
- Instrumentation for membrane characterization (contact angle, zeta potential)
- Instrumentation for fluid mechanical measurements (velocity, liquid film thickness, shear stress, mass transfer)
- Special lab and pilot units for studying scaling, inhibitors, thin film deposition
- Special bench-scale membrane units (MF, UF, NF, ULP-RO, SBR-Photocatalysis)
- Fully instrumented and computer controlled pilot units for low, medium and high pressure operations (MF/UF, NF, RO, MBR)
- High power capabilities & special software for advanced computations (CFD, etc)

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State of the art analytical facilities

Pilot Membrane Bio-Reactor

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