



etuRESCIF

Réseau d'excellence
des sciences de l'ingénieur
de la Francophonie

APPLICATION OF MEMBRANE BIOREACTOR FOR TANNING WASTEWATER TREATMENT

Context

Tanning industry is considered a heavy polluted industry in Vietnam. This generates a high amount of wastewater which contains organic, nutrients and heavy metals. Thus, it is important to develop a suitable technology for pollution control from this industry.

Objectives

The research objectives are as follows:

- Evaluate performance of membrane bioreactor (MBR) treating real tanning wastewater
- Investigate membrane fouling behavior.

Overall research content

- Study on physio-chemical and biological parameters of water and sludge at various operating conditions of MBR.

Qualification requirement

- Passion for research, honest and responsibility

Length of the internship: 3-5 months

Coaching institution: Ho Chi Minh City University of Technology (HCMUT)
& CARE-RESCIF

Location of the internship: HCMUT