



**Centre for Pollution Control and Environmental Engineering  
Pondicherry University**

**Cordially invite you for the seminar on**

**Biorefinery from microalgae  
biodiesel, ethanol and fuels similar to petroleum derivatives;  
results and perspectives**

**by**

**Prof. Emerson Andrade Sales**

**Professor at the Federal University of Bahia, Brazil**

**Visiting Professor, Centre for Pollution Control and Environmental  
Engineering, Pondicherry University**

**on**

**25<sup>th</sup> September, 2018 at 3 PM**

**Venue: Room No. 107**

**Dr. S. Gajalakshmi**

**Head (i/c)**

**Centre for Pollution Control and Environmental Engineering**

*About the speaker*

**Prof. Emerson Andrade Sales**



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Dr. Emerson Andrade Sales holds a degree in Chemical Engineering from the Federal University of Bahia (1981), specialization in Petrochemical Processing Engineering (Cenpeq) from UFBA and Petrobras (1981), specialization in Catalysis and Kinetics from UFBA and Cofic (1986). Master's degree in Chemistry from the UFBA (1990), Ph.D. in Science/Chemical Engineering by the Université Paris7 - Denis Diderot (1996) and postdoctoral studies by Université Paris7 - Denis Diderot (1998 and 2000) and IRCEL, Lyon, 2007-2008, developing new technologies for the generation of biofuels and another at the Université Paul Sabatier (Toulouse, France - 2009, on semiconductor nanoparticles as photocatalysts) and one in India, Bangalore University in 2015 on energy, environment and society. He is currently Full Professor at the Federal University of Bahia, and Visiting Professor at the Centre for Pollution Control and Environmental Engineering, Pondicherry University,. He has experience in the field of heterogeneous catalysis and kinetics, and is currently researching the energy potential of microalgae, in a biorefinery approach. He is a Coordinator of the Bioenergy and Catalysis Laboratory - LABEC, and a partner of the Teclim-UFBA Clean Technologies Network, with partnerships in France, USA and Germany. As an environmentalist, he also works in entities of organized civil society in Brazil and abroad, and in projects focused on sustainability, aiming at personal and collective transformation, seeking consistency between thought, expression and action.