

Session Program

2-3 Apr 2018



1st International Conference on Advances in Engineering and Technology (ICAET-2018)

Chemical Engineering

BUIEMS, Quetta, Pakistan
BUIEMS, Takatu Campus, Airport Road, Quetta, Pakistan

Monday 2 April

12:20

Chemical Engineering: Chemical Engineering

Session | **Location:** BUIITEMS, Purple Hall, Takatu Campus Airport Road, Quetta Pakistan

12:20-12:40

Thermal Processing of Biosources and Biodiesel Using Microwave Heating

Speaker

Prof. Farid Bin Ani

12:40-13:00

Production of Alternative Energy from Microalgae

Speaker

Dr Pakamas Chetpattananondh

13:00-13:20

Promoting Modern Applications of Biomass Energy for Cooking and Heating in household Sector in Pakistan

Speaker

Prof. Abdul Waheed Bhutto

13:20-13:40

Catalytic Pyrolysis of microalgae (*Chlorella* sp.) Using Zeolite as Catalysts in a Fixed Bed Reactor

Speaker

Sukritthira Ratanawilai

13:40-14:00

Study the effects of epoxy/tri functional mercaptan resins structure based PDLC films

Speaker

Dr Mujtaba Ellahi

14:00

15:00

Chemical Engineering

Session | **Location:** BUIITEMS, Purple Hall

15:00-15:20

Photocatalytical Degradation of Congo Red dye by Nano Titanium Dioxide coated glass Bead under UV light

Speaker

Dr Asadullah Khan

15:20-15:40

Carbon Dioxide Capture from Natural Gas and Flue Gases Using Membrane Technology

Speaker

Dr Arshad Hussain

15:40-16:00

Simulation of PEMFC by Using ANSYS Fluent for Isothermal and Non-isothermal Models

Speaker

Dr Mehmood Saleem

16:00-16:20

Features of Convective Heat Transfer on MHD Peristaltic Movement of Williamson Fluid with the Presence of Joule Heating**Speaker**

Mrs Naheeda Iftikhar

16:20-16:40

Upscale fermentation of *Bacillus licheniformis* to produce probiotic for poultry, using cheap media (molasses)**Speaker**

Dr Zia-ud- din

16:40-17:00

Reorientation of Pakistan's Energy policy**Speaker**

Mrs Sadia Karim

17:00