

## CURRICULUM VITAE

....Dr. Nabel Kalel Asmel....

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**EDAS** : -----

### EDUCATION

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- 2017** PhD of Civil and Environmental Engineering,  
Faculty of Civil Engineering, Universiti Teknologi Malaysia (UTM),  
Malaysia
- 2004** Master of Civil and Environmental Engineering ,  
Faculty of Civil Engineering, Mosul Iraq.
- 2001** Bachelor of Civil and Environmental Engineering.  
Faculty of Civil Engineering, Mosul, Iraq.

### ACADEMIC EMPLOYMENT

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**Nov. 2005- Now** Academic senior lecturer, Technical College/ Mosul, Northern  
Technical University

### HONORS AND AWARDS

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### PUBLICATIONS

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Kalel, N., Rahim, A., Yusoff, M., Krishna, S., Abdul, Z., & Salmiati, S.  
(2017). High concentration arsenic removal from aqueous solution using  
nano-iron ion enrich material ( NIIEM ) super adsorbent. *Chemical  
Engineering Journal Journal*, 317, 343–355.

M., Krishna, S., Kalel, N., L. Sivarama Krishna, K. Soontarapa, K.  
Mohammad, A. Yuzir & W.Y. Wan Zuhairi (2018) Adsorption of acid  
blue 25 from aqueous solution using Zeolite and surfactant modified  
Zeolite" Desalination and Water Treatment (acceptance)

## MANUSCRIPTS IN PREPARATION/SUBMITTED FOR REVIEW \_\_\_\_\_

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- 1- . Kalel, N. A new approach for Arsenic speciation in environmental water coexisting with phosphate and silicate via on-site flow injection redox analysis ( Submitted to [Ecotoxicology and Environmental Safety](#)).
- 2- Kalel, N. Effect of Cetyltrimethyl ammonium bromide on the Biosorption of Acid Blue 25 onto Bengal gram fruit shell ([Submitted to Desalination and Water Treatment](#))

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## TEACHING EXPERIENCE \_\_\_\_\_

Undergraduate level:

- Environmental engineering
- Sanitary Engineering
- Heavy metal remediation.
- Water and wastewater treatment
- ISO

Graduate level:

- Research methodology

## TEACHING INTERESTS \_\_\_\_\_

Undergraduate level:

- Water Analysis
- Solid waste
- Wastewater Analysis

- Air pollution
- Hazardous waste remediation

Graduate level:

- Nano-materials
- Heavy metal removal
- Adsorption
- Chemical engineering
- Nanoscience & Nanotechnology
- Water and waste water treatment