

أعلنت جامعة طيبة مؤخراً – كلية الهندسة – المدينة المنورة – السعودية

العنوان الإلكتروني لجامعة طيبة : [www.taibahu.edu.sa](http://www.taibahu.edu.sa)

عن تأسيس كرسي للدراسات والأبحاث في مجال الصيانة والتشغيل باسم " كرسي المعلم محمد بن لادن لأبحاث التشغيل والصيانة"، لتطوير وتقديم المعارف الرئيسية لتنظيم وتقييم طرق الأداء وتقييمها في مجال التشغيل والصيانة في المملكة العربية السعودية ويهدف هذا البرنامج إلى تدريب وتأهيل الكفاءات الشابة والاتصال والتعاون مع الجهات والهيئات العلمية والهيئة المتخصصة في هذا المجال ، وتدعو الجامعة الباحثين والأساتذة المختصين الراغبين في الترشيح والتقدم للالتحاق بهذا الكرسي فعليه المبادرة بالاتصال على المشرف المسئول على برنامج الكرسي الدكتور مهندس/ وسيم أسعد أورفلي – جوال رقم / 0546639351 – هاتف/ أو 0148460008 أو على الأيميل : [orfaliwasim@hotmail.com](mailto:orfaliwasim@hotmail.com) .

## **Chair for Operation and Maintenance Technology**

Scope

College of Engineering,

Taibah University, AI-Madinah AI-Munawwarah

Kingdom of Saudi Arabia

### **Mission Statement:**

To establish a chair that will conduct basic and applied research in developing new and innovative solutions to technological problems in operation and maintenance with emphasis on pertinent technological challenges in Saudi Arabia.

### **The objectives of the chair are:**

- Develop a research base in operation and maintenance at Taibah University and the Kingdom of Saudi Arabia as a whole.
- Conduct research in the frontiers of knowledge on technological aspects of operation and maintenance that will have impact on productivity and reliability.
- Educate and train young Saudi on research and consulting in the area of operation and maintenance.
- Establish strong links with industry and governmental bodies to enhance

## Taibah University in achieving the chair's mission

### **Areas of Interest:**

The main focus is on technology in the area of operation and maintenance. The chair holder will be given, however, the time and opportunity to examine technological challenges in Saudi Arabia in the area of operation and maintenance and to develop a list of research thrusts in coordination with the chair sponsor, Taibah Administration, local industry and government agencies. The following are some tentatively suggested areas:

- New technologies to improve reliability of equipment and systems.
- Provide scientific and technical support for removing any bottle-necks in the smooth, safe and economic operation of any kind of equipment.
- Design and modify existing equipment to improve operation and maintenance.
- Establishing effective online monitoring systems for pertinent sectors in industry.

### **Expected Outcomes:**

The expected outcomes of the incumbent chair are summarized below:

- Research papers in reputable journals and refereed conferences.
- Patents in technology development in the area of operation and maintenance.
- Establish M.S. and Ph.D. programs at Taibah University.
- Funded projects from industry.
- Attracting post doctoral students.
- Organizing workshops and conferences to enhance industrial collaboration and to disseminate knowledge to industry and academia.
- Developing effective inter-departmental cooperation and encouraging multi-disciplinary programs and research.

**Strategies for Support of Chair Operation:**

Taibah University is committed to support the chair operation and is keen in developing effective strategies and measures to help in achieving the chair's mission and objectives. The university is endeavored and committed to hire the most qualified person(s) for the chair position, provide infrastructure and lab facilities necessary for the operation of the chair activities, and facilitate all possible means for the smooth operation of the chair holder.

**Duration:**

It is expected that the chair holder will be given a six year contract in order to ensure continuity and to provide enough time for establishing the chair activities.