

## Toward a Comprehensive Strategic Research Plan

### Transforming the Faculty of Engineering at Pharos University in Alexandria

The Faculty of Engineering at Pharos University in Alexandria is presenting its strategic research plan following consultations across the faculty and with its members..

The plan is a live document and will be regularly revised and updated. It stems from the personal research interests of its faculty members, teaching assistants, and graduate students

Based on the individual Departmental inputs; the plan identifies the following objectives:

- Promoting focus in research and enhancing publication rates.
- Encourage collaborations, and engagement between faculty members within the Faculty as well as in other institution.
- Establishing effective guidance and mentoring to young researchers and graduate students.
- Striving to integrate research elements into student curricular and co-curricular experiences.
- Assisting teaching assistants and graduate students to pursue their graduate studies in internationally reputable institutions.
- Seeking institutional supports needed to foster research interests of faculty members.
- Strengthening interaction with industrial establishments and other national entities to link ongoing research with the needs of the society.

The main anticipated challenges are:

- Securing required funding and facilities for intensive research and Innovation.
- Recognizing research active faculty members and rewarding their achievements..
- Maintaining sustainable research activities that achieve the visibility of the Faculty both on the national and international levels.
- Striving to enhance the Faculty and University ranking.
- Working with the University Administration to launch graduate programs of discipline focus as well as interdisciplinary nature.