Higher Institute for Applied Sciences and Technology
For highly qualified engineers

Director
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Outlines

- About HIAST
- Achievements
- Collaborations with other Centres of Excellence
- Science and Technology for achieving SDGs
- Future Work

www.hiast.edu.sy
About HIAST

- Established in 1983
- Graduating highly qualified engineers and researchers in many applied science fields:
  - Informatics, Telecommunication, Electronic Systems, Mechatronics, Materials Science, Aeronautics
- Offered degrees:
  - Bachelor of Science in Engineering (BSE)
  - Masters
  - PhDs

About HIAST

- Academic staff:
  - 100 PhD (35 part-time employees)
  - 110 Engineers
- Students:
  - 340 undergraduates
  - 80 postgraduates (45 Master + 35 PhD)
Achievements

- Graduated students:
  - 44 Eng.
  - 20 Masters
  - 5 PhDs

- Publishing:
  - Scientific Books (3 new, reprint 5)
  - Research papers (20 in International Scopus ranked Journals)

- Organizing national workshops
  - Big data system, Arabic digital content, Metallurgy, Quality assurance, ....

- Developed software applications for public institutions
  - Ministry of Agriculture (7 Projects)
  - Ministry of finance (2 Projects)
  - Hospitals (2 Projects)
First contact has been made to launch collaboration with some COMSATS’s Centres of Excellence:

- IROST-Iran: Solar and fuel cell and hybrid PV systems, Nanotechnology (ferrites materials, microwave absorbing materials, Carbon quantum dots, ...)
- COMSATS: Tele-health Program

HIAST is also ready to collaborate with other organizations in the R&D domains of common interests.

HIAST Works on linking other Syrian research organizations with COMSTATS Centres of Excellence

Three organizations interested in cooperation on biotechnology

- Research Institute for Pharmaceutical and Chemical Industries (RIPCI)
  - A Cooperation proposal has been sent to TIB
  - Preparing to apply for the Postdoctoral fellowship offered by ICCBS
- Atomic Energy Commission of Syria (A ECS)
  - Prepared 4 Cooperation proposals to be sent to TIB
- National Commission for biotechnology (NCBT)
Science and Technology for achieving SDGs

- Provided advanced training to public and private customers covering many advanced technologies and specialized industrial tools

- Cooperation with the Ministry of Agriculture to implement management information system for animal resources in Syria

- Joint research with the General Commission for Scientific Agriculture Research (GCSAR) to improve pomace oil extraction

- Providing water and air pollution assessments

Future Work

- Building a new nanotechnology Laboratory

- Launching a new Master program in Aeronautics

- Upgrading our educational system to comply with credit system standards
Thank you for your attention...