



**Tanzania Industrial Research and  
Development Organization (TIRDO)**

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**THE 21<sup>st</sup> MEETING OF COMSATS'  
COORDINATING COUNCIL**

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**1. INTRODUCTION**

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- The Tanzania Industrial Research and Development Organization (TIRDO) is a multi-disciplinary research and development organization established by an Act of Parliament No. 5 of 1979 and it became operational on 1st April, 1979.
- TIRDO is a semi autonomous organization under the Ministry of Industry, Trade and Investment



## 1.1 Mission

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- To conduct research, development and technical services on industrial processes and products, while utilizing local materials in partnership with industries



## 1.2 Core functions

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- i. Carry out and promote the carrying out of applied research designed to facilitate the evaluation, development and use of local materials in industrial processes.
- ii. Research into local and foreign industrial techniques and technologies and evaluate their suitability for adoption and use in industrial production.
- iii. Promote and provide facilities for training personnel for carrying out applied scientific and industrial research.
- iv. Operate documentation system to disseminate information on applied research.
- v. Provide technical services for industrial development
- vi. Provide technical capacity to mitigate industrial pollution.

## 1.3 Core departments

- **Industrial Research (Director)**
  - Food & biotechnology Division (Head)
  - Industrial Chemistry and Agro-processing Division (Head)
  - Environment and Occupational Safety Division (Head)
- **Engineering Development (Director)**
  - Materials Science and Technology Division (Head)
  - Textile and Leather Division (Head)
  - Energy Division (Head)
- **Information, Communication Technologies and Technology Transfer (Director)**
  - ICT Division (Head)
  - Instrumentation Division (Head)
  - Technology Transfer Division (Head)

## 2. ACTIVITIES UNDER COMSATS' NETWORK FOR ACHIEVING SDGs AND FACILITATING SOUTH-SOUTH COOPERATION

### 2.1 Areas of research

- i. Energy
- ii. Coal
- iii. Food and biotechnology
- iv. Environment
- v. Industrial chemistry
- vi. ICT
- vii. Instrumentation
- viii. Textile
- ix. Leather



## 2.2 On-going collaboration with other Centres of Excellence

- i. Tubitak Marmara Research Centre of Turkey (Tubitak MAM)
- ii. IRCC Sudan collaboration in leather and textile research (*Initial stages*)
- iii. TIRDO participates in thematic groups (Mathematic modeling)
- iv. Other potential collaborators solicited

## Tubitak MAN, Turkey – TIRDO Collaboration

- MoU for technical collaboration was signed in 2016
- Areas of collaboration
  1. Energy
  2. Engineering
  3. Food science and technology
  4. Biotechnology
  5. Materials technology
  6. Environment, and
  7. Chemistry



TIRDO Director General  
Tubitak MRC President



## **2.3 Future Prospects for collaboration under COMSATS' Network**

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1. Joint research projects
  - Continuing with TUBITAK, IRCC, and others.
2. Capacity building activities
  - Training at COMSATS and by utilizing member countries' capacity building programs
3. Expert exchange
  - Exchange program with TUBITAK, and IRCC.
4. Technology transfer
  - TUBITAK & IRCC. Now at initial stages of technology development and transfer

**THANK YOU, ASANTE**

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