



DAR ES SALAAM INSTITUTE OF TECHNOLOGY COMPANY LIMITED





BACKGROUND

The Dar es salaam Institute Technology Company Ltd is an engineering company based in Dar es Salaam. The Company has been working in close collaboration with Institute Consultancy Bureau of Dar es Salaam Institute of Technology since 2010.

In 2017 the Company stood as its own entity as a Limited Company with registration no 78565 and started coordinating the use of the expertise and other resources to contribute effectively to the industrial and socio- economic development of the nation.

The company is dedicated to the construction and maintenance of civil, electrical, electronic and telecommunication, laboratory technology, mechanical, computer and industrial works. The Company is an implementing agency of Dar es Salaam Institute of Technology (DIT) .The Company engages itself in various professional activities in all engineering works.

VISION

To become a leading coordinator and promoter of DIT innovation products both nationally and internationally.

MISSION

To commercialize Institute's innovation products and professional works through coordinating, facilitating, development and marketing of students and staff applied research results.

OBJECTIVE

The main objective of Dar es salaam Institute of Technology Company Limited Operational Policy and Procedures is to provide a framework for execution and implementation of all major functions of the Company thereby contributing more effectively to income generation, addressing societal problems and enhancing quality of teaching and learning as well as research production and innovation.

SPECIFIC OBJECTIVE

- * Provide a platform through which DIT can transfer its research findings quicker than it is the case today and contribute effectively towards industrial development in Tanzania.
- * Enable the Institute to generate income to supplement grants/reimbursements from the Government and other Donors to meet its financial needs.
- * Facilitate the development of a culture of job creation which will also contribute towards providing the Institute students industrial practical training opportunities.
- * Reduce time lag between research discovery/findings and social returns from its application.
- * Enable DIT staff to supplement their income by applying their research findings to address real life problems thereby enhancing staff retention

THE SCOPE

Dar es salaam Institute of Technology Company Limited will be confined to the following;

- ◊ Providing Industrial products from all DIT Campuses and outside.
- ◊ Professional services embedded with works or productions from all DIT Campuses.
- ◊ DIT students-based flagship innovation projects.
- ◊ DIT Staff-based flagship innovation projects.
- ◊ Innovation projects emanating from joint ventures.



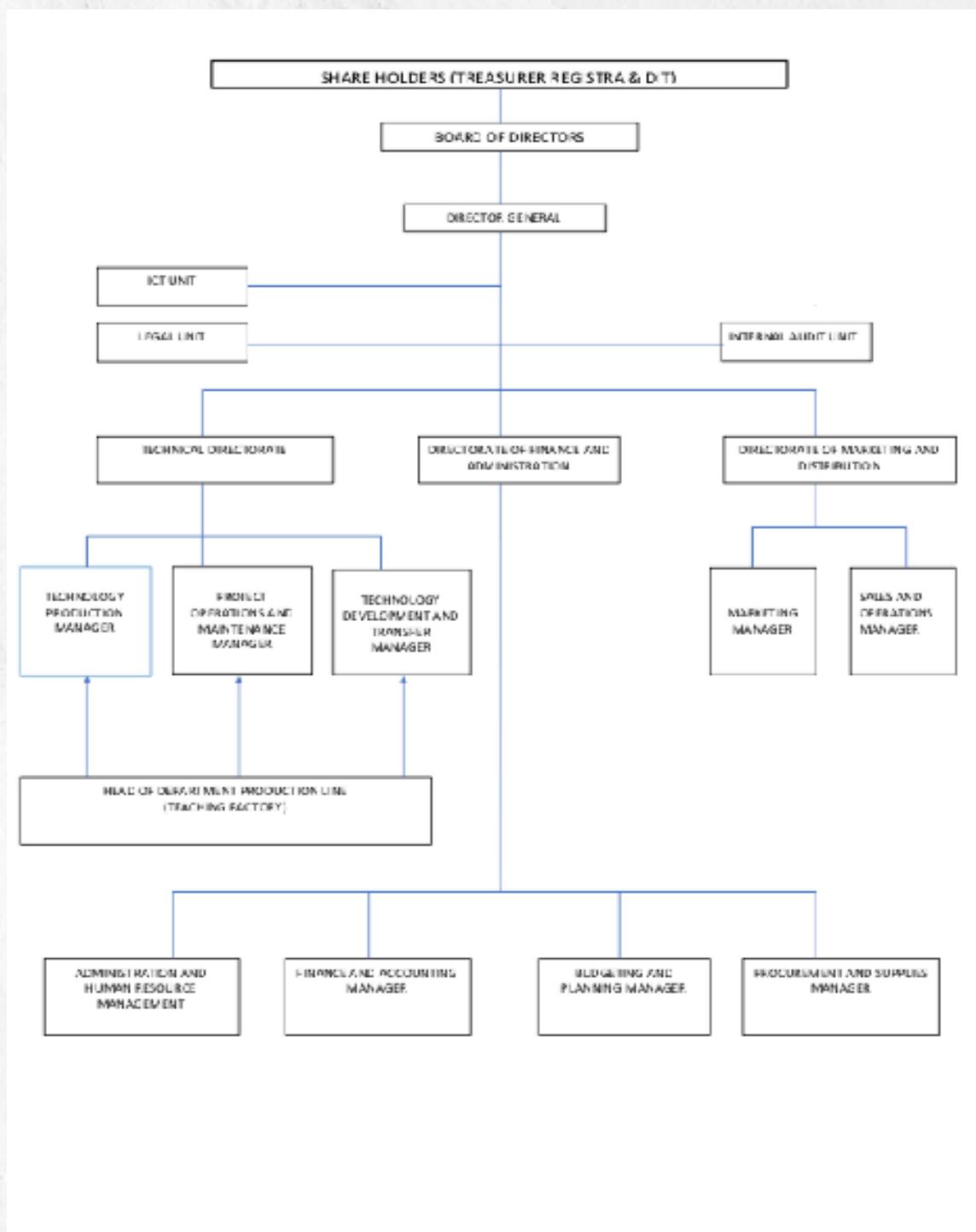
CORE VALUES

The Dar es salaam Institute of Technology Company Limited embarks all abbreviated/shortened by the word “RESPONSIVE”

1. Reliability
2. Expertise
3. Societal Orientation
4. Professionalism
5. Objectivity
6. Neutrality
7. Sustainability
8. Innovative
9. Value Addition
10. Entrepreneurial Oriented (Elegant)



ORGANOGRAM



OUR CORE SERVICES

The company is striving much towards delivering the best product and services to its clients. The services offered are extended into various disciplines;

CIVIL ENGINEERING DISCIPLINE

The company provides the following services

1. Supervision of construction works Building
2. construction and maintenance
3. Construction and maintenance of low cost highway structure
4. AutoCAD for architectural design
5. Design of low cost water supply projects
6. Road asset management
6. Fire safety in building structures



Some of the Civil works done by the Company.

MECHANICAL ENGINEERING DISCIPLINE

The company provides the following services;

- i. Fabrication of mechanical structures
- ii. Conversion of gasoline motor vehicles to Compressed Natural Gas(CNG) usage
- iii. Installation and maintenance of industrial Refrigeration systems as well as provision of motor vehicle maintenance and services
- iv. Modern garage
- v. Refrigeration and Air condition installation &repair
- vi. Car Air condition service and repair
- vii. Fitting and turning
- viii. Car Diagnosis
- ix. Machineries design and Fabrication.

One of the Engineers inspecting machines.



Our very own Briquette machine for pulverized charcoal, charcoal dust, coconut shell charcoal, carbonized charcoal dust suitable for wet powder ball pressing.

The Principal of DIT assessing the construction of DIT Library done by the Company



TELECOMMUNICATION, ICT AND SECURITY SYSTEM INSTALLATION

- i. Design, installation and commissioning of communication equipment such as transmitters, receivers and communication towers. Other services include maintenance of telecommunication equipment:
 - elevision and radio maintenance and repair.
- ii. Telecommunication system design.
- iii. GSM, UMTS (WCDMA) and LTE radio network planning and optimization
- iv. Cyber security which includes system auditing and Investigation.
- v. Optic fiber network repairing.
- vi. VSAT installation, configuration, and commissioning.
- vii. MPLS network design, installation, and commissioning.
- viii. MPLS VPN and Traffic Engineering (TE) configuration
- ix. Electronics and electrical equipment maintenance and repair.
- x. Optic fiber network design, installation, and commissioning



Radio Transmission tower at DIT done by the Company



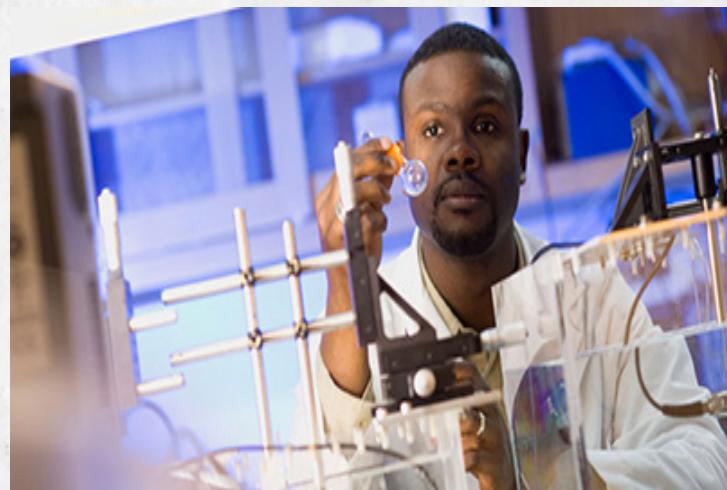
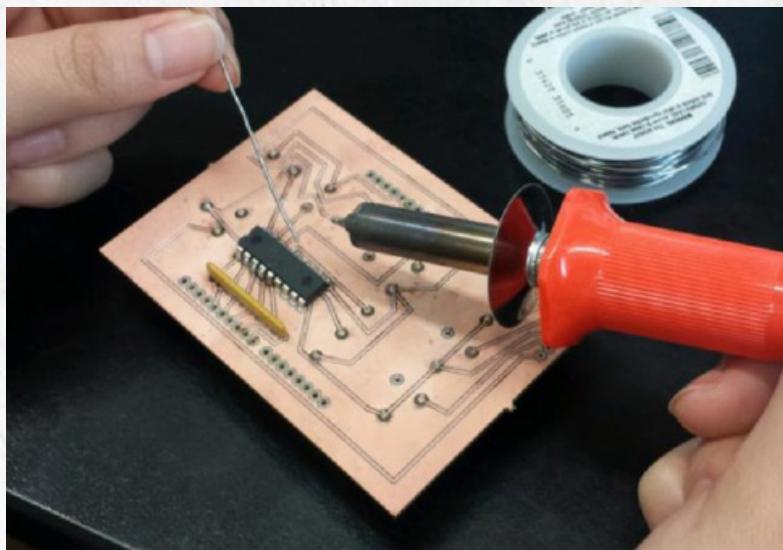
Telecommunication Transmission dish at DIT installed by the Company

BIOMEDICAL ENGINEERING DISCIPLINE

The company provides the following services:-

- i. Equipment Calibration
- ii. Safety inspection
- iii. Equipment repair
- iv. Preventive maintenance

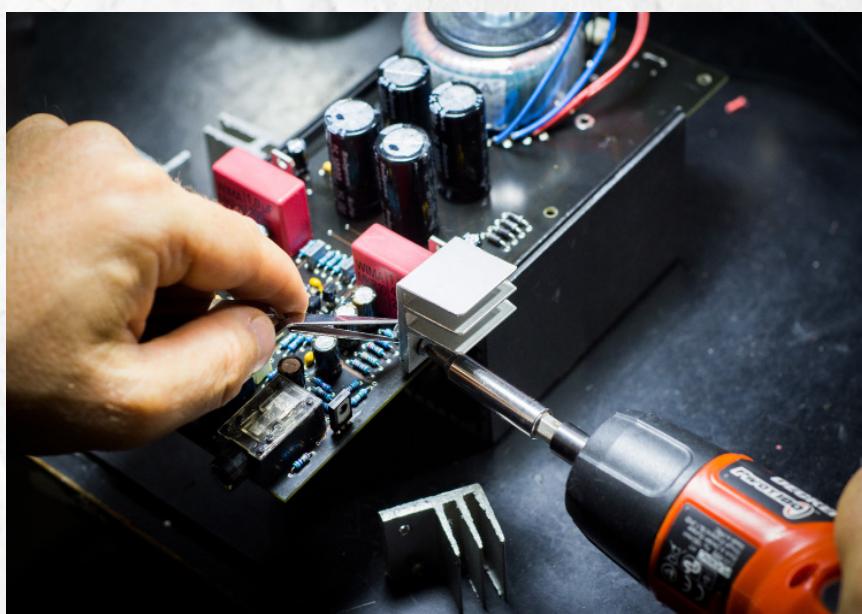
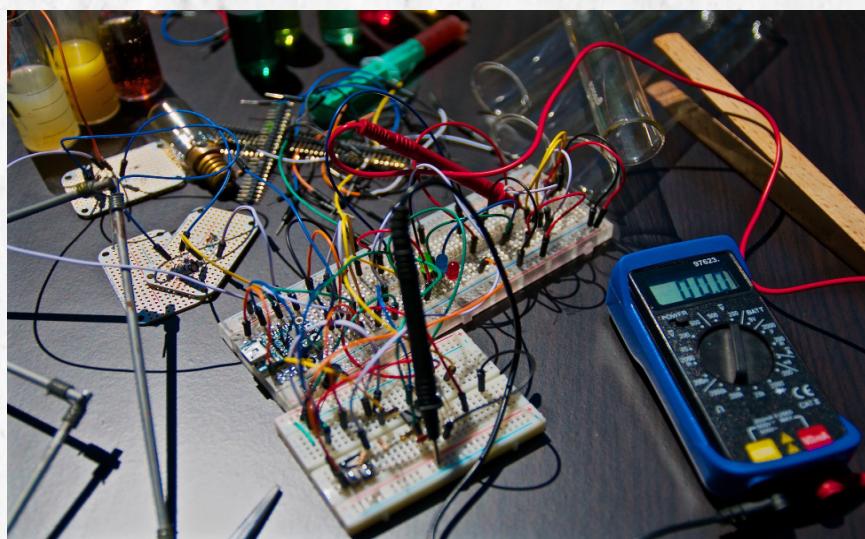
Furthermore the company has been providing solution to various problems in biomedical fields, among of the solutions such as, Surgical, Hospital diagnostic equipment, Modern X-rays machine, CT scan machine, MRI machine, Ultrasound machines, Microscope, Operating light, Delivery bed, Dental unit, Hematology analyzer, Operating bed and so many more



COMPUTER ENGINEERING DEPARTMENT

The company provides the following services:-

- i. Printer Maintenance and repair
- ii. Hardware Installation and Maintenance
- iii. Traffic lights maintenance and designing
- iv. Software development
- v. Web hosting
- vi. Networking installation
- vii. Multimedia technology



LABORATORY TECHNOLOGY DEPARTMENT

The company provides the following services

- i. Solution and bench reagents preparation(for chemistry and Biology practicals)
- ii. Laboratory layout, design and organization
- iii. Collection and analysis of food, chemicals and soil samples
- iv. Collection of specimens and preservation
- v. Production of distilled and de - ionized water
- vi. Preparation and compounding of soap, detergents and solvents for entrepreneurs
- vii. Animal skin processing and production of leather products such as shoes, bags, belts, balls for different sports



BUILDING WORKS CLASS FOUR

The Company provides the following services;

- Removing debris, garbage, and dangerous materials from sites.
- Assembling and breaking down barricades, temporary structures, and scaffolding
- Digging holes, tunnels, and shafts.
- Mixing, pouring, and leveling concrete.
- Construction of building structures
- Rehabilitation of Buildings
- Land Scaping
- Horizontal and Veritical extension of buildings
- Plumbing works
- Construction of dranage system.



the DIT library constructed by the Company



ELECTRICAL ENGINEERING DISCIPLINE

The Company provides the following services: -

1. Wiring installation domestic & industrial Water pump installation
2. Electrical Solar installation
3. Surface water pumps installation & services
4. Installation & service for generator
5. Testing of various electrical machines and diagnosis of major electrical faults in a state-of-the-art laboratory
6. Feasibility studies on mini-hydropower development
7. Development of procedures for auditing maintenance and operation performance
8. Formulation of Electrical Preventive Maintenance Programs
9. Maintenance testing for detecting deficiencies in electrical equipment
10. Maintenance and repair of LV and
11. HV motors, generators and Transformers.
12. Power Audit studies in industries and commercial organizations



Street Lights installed by the Company at Bariadi Simuyu



The Electrical Engineering Lab

WORK FLOWS AND MANPOWER

Dar es Salaam Institute of Technology Company Limited has a team of Engineer and technician whose experience spans over 20 years and which has been put to use both within and outside the country.

Nearly 200 employees of different disciplines are available from DIT main campus for Dar es Salaam Institute of Technology Company Limited to employ and works with in different multidiscipline pone project. And the number is expected to increase due to expansion of DIT sub campus Mwanza and Myunga.

Though many expert staff are allowed to participate in research, consultancies and community services.

Moreover during higher learning exhibition in year 2017, the Dar es Salaam Institute of Technology was trusted by Government and was instructed to perform specialized Tasks within the Country.

INFRASTRUCTURE

The company has all equipment's to support its operation such cars, computers to it employee and high speed data communication and back up service, soil test equipment, Laboratory equipment's, mechanics equipment etc.

Carpet Area:

3000 Square Feet space in 5 offices with a big workshop for laboratory work and equipment storage.

Equipment:

Equipped Workshop Garage

Computer equipment

Soil testing equipment

Bio medical equipment

Communication Facilities:

Wireless Broadband line for high speed communication

Wireless routers

Video Conferencing facilities



OVERVIEW OF CLIENTS PROJECT.

Some of our corporate client in the region include:-

S/n	Project name and country/location	Name of employer and full address	Type of work performed	Year
1	Supply and Installation of Solar Street Light for Upper Ruvu Bridge along Mlandizi – Chalinze Road	Regional Manager, TANROADS, P.O. Box 30150, Kibaha – Coast Region	Supply and Installation of Integrated (All-in-one) Solar Street Light. Completed	2019
2	Road Safety Improvement within Babati Urban section along Bereko Babati Minjingu Trunk Road in Manyara Region (Installation of Pedestrian Crossing and Traffic Light Signals)	Regional Manager, TANROADS, P.O. Box 24, Singida Road, Babati-Manyara	Installation of Pedestrian Crossing & Traffic Light Signals. Completed	2019
3	Road Safety Improvement in Mwanza Region (Installation of Pedestrian Crossing & Traffic Light Signals)	Regional Manager, TANROADS, P.O. Box 1410, Mwanza	Installation of Pedestrian Crossing & Traffic Light Signals. Completed	2018
4	Designing, building and installation of new solar pedestrian crossing with street light cobra along Bariadi – Lamadi road at Bariadi town, Simiyu	Regional Manager, TANROADS, P.O. Box 389, Bariadi	Designing, building and installation of new solar pedestrian crossing with street light cobra. Completed	2018
5	Designing, Installation and Commissioning of Traffic Signals at Kwamchina, Darajani and Mkunazini, Zanzibar.	Principal Secretary, Ministry of Infrastructure and Communications, P.O. Box 834, Zanzibar.	Designing, Installation and Commissioning of Traffic Signals. Completed.	2014
6	Modification of traffic signal control system at Chang'ombe/ Mandela road junctions, DSM, Tanzania.	Regional Manager, TANROADS, P.O. Box 4838, Dar Es Salaam	Design Modification of controller. Completed.	2013
7	Urgent repair and maintenance of traffic signal at Mandela/Buguruni and Mandela/Kilwa roads junctions, DSM, Tanzania.	Regional Manager, TANROADS, PO Box 4838, Dar Es Salaam	Design Modification, Build and Installation of Traffic Signals controllers. Completed.	2012
8	Supply and installation of LED traffic signal lights and controller at MovenPick Junction. DSM, Tanzania.	Regional Manager, TANROADS, PO Box 4838, Dar Es Salaam	Design, Build and installation of Traffic Signals Controller. Completed.	2012



CONTACTS



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