



Scientific Sustainability Activities 2021  
Northern Technical University  
Mosul Technical Institute



Quality Assurance and Performance Evaluation Division

Under the Auspices of the President of Northern  
Technical University

Prof. Dr. Alya'a Abbas Al-Attar

And

Managing by Head of Department of Quality Assurance and  
University Performance

Assist. Prof. Dr. Omar Rafae Alomar

Supervision by Dean of Mosul Technical Institute

Assist. Prof. Shahla A. Abdel Qader

Prepared by:

Mohammed K. Yousif

Sabhan H. Ali

Zinah A. Idrees

Scientific Sustainability Activities 2021

“ Toward Green University “



Contact us..  Iraq – Mosul- Almajmo'aa althakafiaa



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[mti.ntu.edu.iq](mailto:mti.ntu.edu.iq)



[institute.mosul@ntu.edu.iq](mailto:institute.mosul@ntu.edu.iq)



# Scientific Sustainability Activities 2021

## Northern Technical University

### Mosul Technical Institute



Quality Assurance and Performance Evaluation Division

## “ Toward Green University “

### Workshop

01

#### Sustainable Development:

The Main Concepts, Social, Economic and Environmental Impacts.

#### Lecturer :

Rafal Khalid Jassim

26 / 01 / 2021



Mechanics of Power Dept.

### Workshop

02

Environmental Sustainability  
1,400 years ago

#### Lecturer :

Dr.Shahla S. Alabadee

15 / 02 / 2021



Materials Management Dept.

### Workshop

03

Utilization of Solar Energy  
for Electricity Generation

#### Lecturer :

Firas Saaduldeen Ahmed

20 / 02 / 2021



Electric Techniques Dept.

### Workshop

04

Hydrokinetic Energy of  
Water

#### Lecturer :

Dr. Mohammad Akram Saadi

28 / 02 / 2021



Water Resources Dept.

### Workshop

05

#### Renewable Energy:

The Main Sources, Environmental Impacts and Economic for Renewable Energy Technology

#### Lecturer :

Najah Abdullah Hamad

02 / 03 / 2021



Mechanics of Power Dept.

### Workshop

06

Using Solar Energy to  
Exploit Groundwater

#### Lecturer :

Dr. MUZAHM M. ABED

14 / 03 / 2021



Water Resources Dept.

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#### Workshop

07

#### Green Marketing

Lecturer :  
Ibrahim K. Ibrahim

15 / 03 / 2021

Materials Management Dept.

#### Workshop

08

The Importance of  
Environmental Accounting in  
The Sustainability of  
Development

Lecturers :  
Hanan Ehsan Kaleel  
Samer Maree Hasan

18 / 03 / 2021

Materials Management Dept.

#### Workshop

09

Modern Methods of Waste  
Recycling

Lecturers :  
Dr. Arwa Mohammed Othman  
Dr. Ali Younis Hamed  
Dr. Heba Meshaal Awad

22 / 03 / 2021

Chemical Industries Dept.

#### Workshop

10

#### Warm Mixtures Asphalt (WMA)

Lecturer :  
Salim Abdullah Khalid

13 / 04 / 2021

Civil Techniques Dept.

#### Workshop

11

Grid Integration of a Wind  
Energy Generation Systems

Lecturer :  
Dr. Ahmed A. Allu

25 / 04 / 2021

Electric Techniques Dept.

#### Workshop

12

#### Renewable Energy

Lecturers :  
Dr. Wajdan Mohammed Saleh  
Dr. Rawia Zaghloul Saeed  
Dr. Rana Sami  
Ammar Ghanem

16 / 05 / 2021

Chemical Industries Dept.



### “ Toward Green University “

#### Workshop

13

#### Sustainable Architecture

##### Lecturer :

Raid Ismaeel Mohammed

 20 / 05 / 2021



Civil Techniques Dept.

#### Workshop

14

#### The Role of A Clean Green Economy in Sustainable Development

##### Lecturers :

Buthaina Luqman Ahmed  
Anwar Hadi Taha

 04 / 06 / 2021



Office Management Dept.

#### Workshop

15

#### Green Manufacturing Strategies as an Approach to Enhancing Sustainability

##### Lecturers :

Ahmed A. Abdulmohsin  
Nisreen M. Fathi Meshaal

 03 / 07 / 2021



Office Management Dept.


#### Workshop

16

#### Green Building

##### Lecturer :

Assitant. Prof. Dr. Omar Rafae Alomar  
MSc. Zinah Amer Idrees

 5 / 07 / 2021



Civil Techniques Dept.

#### Workshop

17

#### Duckweed Technology a step towards Sustainable Development

##### Lecturer :

Assitant. Prof. Dr. Omar Rafae Alomar  
MSc. Zinah Amer Idrees

 04 / 08 / 2021



Office Management Dept.

#### Workshop

18

#### The University Role in Enhancing Sustainable Development

##### Lecturer :

Assitant. Prof. Dr. Omar Rafae Alomar  
MSc. Mohammed Khalid Youusif

 10 / 08 / 2021



Office Management Dept.



### “ Toward Green University “

