

## Activities of the Mechanical Engineering department 1441 H

1- Seven training course was carried out by the department with attendance of 108 students from all the departments of the college of engineering.

NO.	TRAINING COURSE	TRAINEE	HOURS	ATTENDECE
1	Basics in Solid Work's CAD software	Dr. Amir Mohammed KESSENTINI	9	52
2	Product Design and Development	Dr. Abhilash Edacherian	9	9
3	Organic Phase Change Materials	Dr. Ahamed Saleel C	3	11
4	Methodology to Write Graduation Project Reports	Dr. Vineet Tirth	6	7
5	CFD of flow through channels by using ANSYS workbench.	Dr. Sarfaraz Kamangar	3	13
6	Steel Heat Treatment	Dr. Mohammad Abdulaziz Syed	4	4
7	Solar thermal system design – Numerical methods	Dr. Mohammad Ali Marghani	2	12



2- Three training course was carried out by Shell Company with attendance of 55 students from the department.

NO.	TRAINING COURSE	TRAINEE	HOURS	ATTENDECE
1	The Nxplorer Global Program	Mr. Mutaib Faleh Asiri (Al Watan Institute)	9	20
2	How to set up your business?	Mr. Mohammed Al-Sharif (Al Watan Institute)	9	15
3	Entrepreneurial project management	Mr. Mohammed Al-Sharif (Al Watan Institute)	20	20



### 3- Scientific seminars were done :

- The first with title "Biodiesel from direct masking" is presented by Dr. Muhammad Yunus as part of the faculty members 'initiative in the teaching and learning process.



- The second:

1- At the college level, Dr. Amir bin Mohammed Kessentini presented it on the transition to full electronic learning due to the Corona pandemic



2- Dr. Amir bin Mohammed Kessentini presented a webinar at the university level: "How to transform your problem-solving and calculations' exam from paper-pencil format to blackboard".

## How to transform your problem-solving and calculations' exam from paper-pencil format to blackboard?

By:

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Assistant Professor, Mechanical Engineering Department  
College of Engineering



E-Learning Deanship  
@ King Khalid University

Activate Windows  
Go to Settings to activate Windows

#### 4- Initiatives:

Two initiatives are presented :

- i) The first; Within the initiatives of Nashama Asir, the initiative to manufacture medical protective devices and spare parts for ventilators using 3D printers according to the technical specifications by Dr. Saqr Al-Omari , Dr. Ali Anqi , Dr. Ahmed bin Dajam, Dr. Saad Al-Qahtani and students of the college.
- ii) The second; Study of air quality in residential buildings in Asir region was supported by the Institute for Research and Consulting Studies at the KKU by Dr. Salem Ahmad Al-Qarni.









## 5- Make a scientific visit to Al-Shaqiq desalination plant.

