



**5-day Training Program for Young Scientists and Engineers on
Conventional and Non-Conventional Welding Processes – Arc Welding
– Laser & Laser Hybrid Welding – Underwater welding at the University
of Nairobi (UoN), KENYA**

5TH JUNE TO 9TH JUNE, 2023

PROGRAM FOR THE OPENING CEREMONY ON JUNE 5, 2023

TIME	
8:30 - 9:00 am	Arrivals and Registration
9:00 - 9:15 am	Opening prayers & Introduction
9:15 - 9:30 am	Chairman, Department of Mechanical Engineering, Faculty of Engineering, UoN
9.30 - 9.45 am	Prof Abdel-Monem El-Batahgy, Central Metallurgical Research Institute, Egypt (Visiting Professor)
9:45 - 10:00 am	Minister Sherine Emam, Ag Director, Arab Fund for Technical Assistance to African Countries (AFTAAC)
10:00 - 10:15 am	Prof. Ayub Gitau Dean, Faculty of Engineering, UoN
10:15 - 10:30 am	Prof. Julius Ogeng'o, Deputy Vice Chancellor, Academic Affairs, UON
10:30 - 10:45 am	Prof. Stephen Kiama, Vice Chancellor, UON
10:45 - 11:00 am	Photo session

CHAIRMAN
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Day	Lecture 09:00 12:00		Lecture 13:00 16:00
5/6/2023	Arc Welding Processes (SMAW, GMAW)	Lunch	Arc Welding Processes (GTAW, PAW, SAW)
6/6/2023	Laser Materials Processing (Cutting & Drilling)		Laser Materials Processing (Welding & Surface modification)
7/6/2023	Laser Welding of Ferrous and Non-Ferrous Alloys		Comparison between LBW and Arc Welding Processes
8/6/2023	Laser - Arc Hybrid Welding - Process - Advantages		Actual Applications of Laser and Laser - Arc Hybrid Welding
9/6/2023	Underwater Welding (Principles & Types)		Application of Underwater Welding
10/6/2023	Inspection/Quality of Underwater Welded Components		Risks and Safety in Underwater Welding