

Eng. Dr. Kenneth D. Njoroge - Summary CV

Education:

- *PhD. Mechanical Engineering (Materials Modeling) - 2015 - University Of Nairobi.
Thesis title: An Multi-Scale Dislocation Model Applied to Metal Plasticity*
- *M.Sc. Mechanical Engineering (Applied Mechanics) - 2009 - University Of Nairobi.
Thesis title: An Intrinsic Discrete Dislocation - Finite Element Formulation of Metal Plasticity*
- *B.Sc. Mechanical Engineering, 1st class Honors 1990 - University Of Nairobi.
Project title: Cold Storage Design for a University Farm*

Research Interests:

- *Development of simulation platforms for dynamic structural analysis*
- *Modeling of material evolution using multi-scale methods*
- *Development of solar cells and distributed PV generation systems*

Profession:

- *Registered Professional Engineer - Engineers Board of Kenya, Reg. no. A2127 (Registered in 2004).*
- *Member - Institute of Engineers of Kenya, Reg. no. M4270 (Member since 2012).*