## Development of Electrostatic Actuated Nano Tensile Testing Device for Mechanical Characterization of Carbon Nanowires

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Objectiv

Understanding mechanical properties of carbon nano structures deposited by the FIB-CVD is of use in reliable and optimum design of carbon integrated nano electromechanical systems (NEMS). The objective of this research is to evaluate mechanical properties of carbon nanowires deposited by the FIB-CVD at room temperature. This research developed <u>E</u>lectrostatic <u>A</u>ctuated <u>NA</u> no <u>T</u>ensile testing devices (EANATs) using MEMS fabrication techniques.

