



**Dr. Habib Ibrahim Abualhamayel**

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### *Laboratories Established*

#### **LABORATORIES & FACILITIES ESTABLISHED**

*The following are the laboratories and facilities we have established thus far at our Center of Research Excellence in Renewable Energy (CoRE-RE)*

- ***A state-of-the-art Solar cells research laboratory*** equipped with the necessary tools to synthesize and characterize crystalline and thin film silicon solar cells.
- ***Outdoor Photovoltaic modules testing facilities*** at KFUPM located at:
  1. KFUPM Campus
  2. KFUPM Beach
- ***Residential Solar Water Heater testing facility***
- ***Solar Collectors testing facility***
- ***Fuel Cell and CO<sub>2</sub> Research Laboratory*** including fuel cells and electro-chemical reactor system for carbon dioxide reduction.