

Republic of Iraq
Ministry of Higher Education
& Scientific Research
University of Kerbala / College of Science



CERTIFICATE

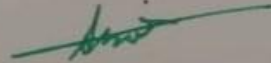
This is to certify that

Dhafer Manea Hachim AL-Hasnawi, Ali Abdulabbas Abdullah and Furkan Kamil

has presented a scientific paper entitled

**NOVEL TECHNIQUE FORPHOTOVOLTAIC SOLAR CELLEFFICIENCY ENHANCEMENTSBY
COATING WITHCHLOROPHYL**

The 6th Conference of College of Science - University of Kerbala
Renewable Energy and its Applications
which has held on 21 - 22 Feb. 2018


Prof. Dr. Amir Al Qaraawi
Dean of College of Science