

INFORMATION
ON THE NEW CONTRIBUTIONS OF DOCTORAL THESIS

Title: *“Modification of g-C₃N₄ material with non-metallic elements as photocatalysts under the visible-light”*

Speciality: **Physical and Theoretical Chemistry**

Code No.: **9 44 01 19**

PhD student: **Tran Doan An**

Course: **4**

Advisors:

1. Advisor 1: **Assoc. Prof. Vo Vien;**
2. Advisor 2: **Assoc. Prof. Nguyen Phi Hung.**

Training institution: **Quy Nhon University**

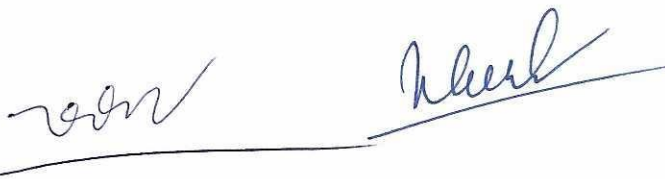
NEW CONTRIBUTIONS OF THE THESIS

1. The new point of the thesis is the successful doping of some non-metallic elements of the halogen group (VII group) and chalcogen (VI group) systematically and finding the relationship between the catalytic activity of the doped materials and the periodicity of non-metallic element dopants.
2. For the first time co-doping two elements F and O by a simple calcination method has been successfully carried out.
3. The kinetics, photocatalytic mechanism and paths of RhB decomposition on the photocatalyst materials are proposed.


Advisors

Binh Dinh, June 10, 2021

PhD Student



Assoc. Prof. Vo Vien Assoc. Prof. Nguyen Phi Hung



Tran Doan An