

Combustion Synthesis of Nanomaterials for Photocatalytic and Photovoltaic Applications

A. Daya Mani

A Dissertation Submitted to
Indian Institute of Technology Hyderabad
In Partial Fulfillment of the Requirements for
The Degree of Doctor of Philosophy



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Department of Chemistry

August, 2014

Declaration

I declare that this written submission represents my ideas in my own words, and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be a cause for disciplinary action by the Institute and can also evoke penal action from the sources that have thus not been properly cited, or from whom proper permission has not been taken when needed.

A. D. Mani

A. Daya Mani

(CY10P006)

Approval Sheet

This thesis entitled "Combustion Synthesis of Nanomaterials for Photocatalytic and Photovoltaic Applications" by A. Daya Mani is approved for the degree of Doctor of Philosophy from IIT Hyderabad.



Uthayakumar

-Name and affiliation-

Examiner



-Name and affiliation-

Examiner


Dr. Ch. Subrahmanyam

-Name and affiliation-

Associate Professor
Department of Chemistry
Indian Institute of Technology, Hyderabad
Yeddumalaram, 502 205, A. P., INDIA

-Name and affiliation-

Co-Adviser



-Name and affiliation-

Chairman

S. Keeshav