



Personal profile

Name : **Dr. T. NARASIMHA MURTHY**

Date of Birth : 07-04-1977

Category : O. C.

Religion : HINDU

Educational Qualifications:

Ph.D. : Inorganic and Analytical chemistry from Andhra University

Title of thesis: Photocatalytic degradation of some organic pollutants using H₂O₂ sensitized Cu₂O and visible light.

M.Phil. : Inorganic & Analytical chemistry from Andhra University securing first class

Title of dissertation : synthesis and photo luminescence Studies of Li₂CaSiO₄:Eu³⁺ and Zn_{1.9}Mg_{0.1}SiO₄ : Mn²⁺ Phosphors

M.Sc. : Chemistry (Inorganic chemistry) from Andhra University securing first class

CSIR-UGC NET : Qualified LECTURESHIP

Service Profile :

Date of appointment as Degree Lecturer : 26-12-2011

Total Service as Degree College Lecturer : 9 years

Received award of **Best Research Paper publication** from **Journal of applicable chemistry** in 2015

No. of publications as first author: 09

List of Publications

T. Narasimha Murthy, P. Suresh, A. M. Umabala and A. V. Prasada Rao. Visible light activated photocatalytic degradation of mono-, di- and tri - nitrophenols using Cu_2O .

Der Pharma Chemica. 2016, 8(6):228-236.

T. Narasimha Murthy, P. Suresh, A.M. Umabala and A.V.Prasada Rao. Visible light activated photocatalytic degradation of Nitrobenzene using Cu_2O .

Int. J. Recent Sci. Res. 2016, 7(5), 10895-10898.

T. Narasimha Murthy, K. Deepti, A. M. Umabala and A. V. Prasada Rao. Photocatalytic degradation of Bromocresol green, Rosaniline and Eosin blue using H_2O_2 sensitized Cu_2O and visible light.

Der Pharma Chemica. 2016, 8(9):140-146.

T. Narasimha Murthy, P. Suresh, A.M. Umabala and A.V.Prasada Rao. H_2O_2 -assisted visible light activated photocatalytic degradation of aniline and acetophenone using Cu_2O .

Asian J. Chem. 2016, 28(12): 2713-2716.

T. Narasimha Murthy, P. Suresh, A.M. Umabala and A.V. Prasada Rao. Evaluation of Visible Light Photocatalytic Activities of MoO_3 , Cu_2O And V_2O_5 For Degradation of Rhodamine-B, Methylene Blue And Methyl Orange.

J. Applicable. Chem. 2015, 4 (6): 1751-1756.

T. Narasimha Murthy, P. Suresh, A.M. Umabala and A.V.Prasada Rao. Photocatalytic degradation of 2-, 4- amino and chloro phenols using H_2O_2 sensitized Cu_2O and visible light.

Int. J. Chem. Sci. 2016,14(4): 2084-2094

T.NarasimhaMurthy, U.Sujanakumari and A.V.Prasada Rao.
Visible light activated photocatalytic degradation of Eosin Y using H₂O₂
sensitized Cu₂O.

Int. J. Chem. Sci. 2016, 14(4): 2309-2317.

T. Narasimha Murthy, A.M. Umabala and A.V. Prasada Rao
Rapid Visible Light Induced Photocatalytic Degradation of Orange-II using H₂O₂
sensitized Cu₂O

Asian J. Chem. 2017, 29(4): 817-820.