

# CURRICULUM VITAE

## Personal Details

**Name** : Dr.Venkata Prasad Pattisam  
MSc.,MA(RD).,Ph.D.,  
**Father's Name** : Narayana Murthy(late)  
**Date of Birth** : August 09, 1980  
**Marital Status** : Married  
**Permanent Address** : D.NO:54-12-1,  
Rajendra Nagar, Rajahmundry-533103,  
**Email** : [nenu0908@gmail.com](mailto:nenu0908@gmail.com).



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Aspiring for a challenging career and responsible position where I would be able to utilize my teaching potential and personal skills for the Institutional growth, thereby improving myself and exhibiting mutualism.

## Doctor of Philosophy :

Title of the Thesis *"UNIDIRECTIONAL GROWTH & CHARACTERIZATION OF SOME NONLINEAR OPTICAL SINGLE CRYSTALS WITH METAL DOPANTS"*, from  
Andhra University, Visakhapatnam,

## Post-Graduation:

M.Sc., Physics, first class from Andhra university, Visakhapatnam.

## SOFTWARE SKILLS:

**Languages:** MS Office, C - Program

## TEACHING EXPERIENCE: 10 Years

1. Worked as a Lecturer in Physics at B.S.R degree College Divili, East Godavari District., Andhra Pradesh from 20-06-2009 to 09-03-2011.
2. Worked as associate professor at KITS engineering College, Ramachandrapuram., From 2015 to 2017.
3. Working as an assistant Professor of Physics(Ad-hoc) at AKNU Rajahmundry. From 2017 to Till date.

## RESEARCH EXPERIENCE: 11 years

### **Paper presented in National / International Seminars**

1. Presented a paper P.V.Prasad, S.Rajyalakshmi, B.Brahmaji, T.Samuel, K.Ramachandra Rao. entitled “ Enhancement in quality and optical Properties Of Mn 2+ doped L Cysteine hydrochloride monohydrate nonlinear Optical materials” at National Seminar on “Developments of Advanced Materials in Physics & Electronics and their Applications” (NSDAMPE -15-16, Oct 2014) during 15th -16th October 2014 at KBN College (A), VIJAYAWADA, A.P, INDIA.
2. Presented a paper S.Rajyalakshmi, P.V.Prasad, B.Brahmaji, Somasekhar rao, T.H.Y.A.G.Gandhi, E.Nageswararao, K.Samatha and K.Ramachandra Rao entitled “Incorporation of Iron (II) on Structural, Optical, Spectroscopic Studies of Sulphamic Acid Single Crystals” at National Conference on “Advanced Technology Oriented Materials-ATOM-2014.” during December 8th & 9th, 2014 organized by Crystal Growth & Nano science Research Centre, Department of Physics, Govt.College(A), Rajahmundry, A.P.
3. Presented a paper on “Photoluminescence Studies of Eu<sup>3+</sup> doped L-Tartaric Single Crystal through Evaporation Technique” at two day International conference on “Emerging Trends in Chemical, Pharmaceutical, Environmental Sciences and Technology” Organised by Department of Chemistry, Pithapur Rajah’s Govt. College(autonomous), KKD, AP, India.

### **Workshops/Seminars/Conferences Attended/Participated:**

1. Attended three day International conference on “ Nanoscience, Nanotechnology & Advanced Materials” at GITAM university , Visakhapatnam on 17-19 December 2010
2. Attended UGC sponsored one day workshop on “Modern Trends in Horticulture” at Government College (A), Rajahmundry on 5th March 2011.
3. Attended a one day National Workshop on “Preparation and Characterization of Nonlinear Optical Materials” Organized by Crystal growth Research Centre, Department of Physics, Government College (A), Rajahmundry, held on 18th March, 2011.
4. Attended a two day National conference on “Advanced Research Concepts in Physics” Organized by Department of Physics, Government College (A), Rajahmundry, held on 24th to 25th November, 2011.
5. Attended a two day National Seminar on “Recent Trends in Advances Materials” during 27th and 28th January, 2012 organized by Dept. of Physics and Chemistry, Sir C R Reddy Autonomous College, Eluru, W.G.Dt, A.P, india.
6. Attended a two day National Workshop on “Recent advances in composite materials” during 14th and 15th March, 2014 organized by Dept. of Mechanical Engineering, JNTUK, Kakinada.
7. Attended Three day workshop on “Functional Materials” at Andhra University Visakhapatnam held on 4-6 february 2014 sponsored by Indian Academy of Sciences.

8. Attended a three day Training Programme on Nuclear Magnetic Resonance Spectroscopy held from 06th to 08th March, 2014 at Andhra University and GVP College of Engineering (A), Visakhapatnam.

9. Attended IASc-Andhra University, National Workshop on “Functional Materials and their Applications in Devices” during 3rd and 4th April, 2014 at Dept. of Physics, Andhra University, Visakhapatnam.

10. A Six day National workshop has attended on 88th DAE BRNS – IANCAS “ Radio Chemistry & Applications of Radioisotopes” from 24th – 29th November 2014 at Government College(A), Rajahmundry.

11. Attended a three day International Seminar on “Glasses & other functional materials” (ISGFM), from 11th-13th December 2014 at Acharya Nagarjuna University, Guntur, AP.

12. Invited talk at two day UGC National Seminar on “ Development of Advanced Materials in Physics and Electronics and their Applications ” organised by KBN College, Vijayawada, 15th – 16th Oct 2014

#### **Refresher Courses Attended/Participated**

Attended IISc-Bangalore, Refresher Course on “Experimental Physics”, at Govt.College (A), Rajahmundry during 27th May to 11th June, 2014

#### **CO- CURRICULAR ACTIVITIES:**

1. Visited, Indian institute Of Science (IISc), Bangalore, NPL, New Delhi and RRCAT, Indore for Research Experience.

2. Organized several awareness programs as a NSS Co-ordinator are as follows

a) awareness on“ Cashless transactions” at Sivala village, K.Gangavaram Mandal.

b) Conducted Medical camp at Yanamadala village, Ramachandrapuram , to eradicate the seasonal diseases by distributing the medicines.

C) Conducted the Blood camp at KITS College, Ramachandrapuram associated with the Rotary club Kakinada and HDFC Bank Ramachandrapuram, donated by 55 units of blood in the presence of RDO Ramachandrapuram.

#### **Social activities :**

1. Distributed blankets and buckets, to the children of “Zeon Deaf & dumb” School Rajahmundry in November 2013.

2. Conducted essay competition on awareness of“ NIRBHAYA Act”, at Govt. college (A), Rajahmundry in January 2014.

#### **LIST OF RESEARCH PUBLICATIONS:**

- 01 Structural and Photoluminescence Studies of  $\text{Eu}^{3+}$  doped L-Tartaric Single Crystal through Evaporation Technique **P.V. Prasad**, T K Visweswara Rao, Ch. Satya Kamal, S.Rajya Lakshmi, Ramachandra.R.K, V.Sudarsan, M.C.Rao and P.S.V SubbaRao MOLSTR21239 : Journal of Molecular Structure : Elsevier- Science Direct doi: 0.1016/j.molstruc.2014.12.086
- 02 Spectroscopic Studies on Pure and  $\text{Mn}^{2+}$  Doped Nonlinear L-Cysteine Hydrochloride Monohydrate for Electro-optic Modulation **P.V. Prasad**, T.K.V. Rao, S. Rajya Lakshmi, Brahmani, K. Ramachandra Rao and M.C. Rao International Journal of ChemTech Research, CODEN (USA): IJCRGG ISSN : 0974-4290 Vol.6, No.17, pp 269-274, 2014
- 03 Studies on influence of  $\text{Cd}^{2+}$  ions in unidirectional growth and characterization of L-Cysteine hydrochloride monohydrate single crystals **P.V. Prasad**, T.K. Visweswara Rao, K. Ramachandra Rao  $\uparrow$ , Ch. Satya Kamal, T. Samuel Crystal Growth and Nanoscience Research Centre, Department of Physics, Government College (A), Rajahmundry, Andhra Pradesh, India Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 136 (2015) 1950– 1954
- 04 Incorporation of Iron (II) on Structural, Optical, Spectroscopic Studies of Sulphamic Acid Single Crystals S.Rajyalakshmi, **P.V. Prasad**, B.Brahmani, V.Somasekhara Rao, T.H.Y.A.G.Ghandhi, E.Nageswara Rao, K.Samatha and K.Ramachandra Rao International Journal of Science and Research (IJSR): ATOM-2014 Conference Special Issue: Page No: Vol.1. (2014) 127--130 ISSN (Online): 2319-7064, Impact Factor (2013): 4.438
- 05 The Influence Of  $\text{Zn}^{2+}$  on Growth and Characterization of L-Cysteine Hydrochloride Monohydrate NLO Single Crystals, K.Ramachandra Rao. **P.V. Prasad**, TKV Rao, Ch. Satya Kamal, T Samul and S Rajya Lakshmi International Journal of Scientific Research, Vol3.Issue 5- May 2014.
- 06 Synthesis and characterisation of transition metal doped l-cysteine hydrochloride mono hydrate single crystals by conventional and unidirectional method and its comparative study. K. Ramachandra Rao, **P. V. Prasad**, Ch. Satyakamal, T. K. Visweswara Rao, P. S. V. SubbaRao & M. C.Rao, Material Research Innovations.
- 07 Studies on Crystal growth and characterization of transition metal doped L-Cystene hydrochloride monohydrate single crystal for non linear optical applications. K. Ramachandra Rao, **P. V. Prasad**, Ch. Satyakamal, T. K. Visweswara Rao.

**DECLARATION:**

I, hereby declare that the above furnished information is true to the best of my knowledge and belief.

Place: Rajahmundry

Date:

**(Dr. Venkata Prasad Pattisam)**