

## TEACHER PROFILE

1. NAME : Dr. K.PURUSHOTHAM NAIDU

2. DESIGNATION & ADDRESS : LECTURER (ONCONTRACT)

Department of Chemistry

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3. DATE OF BIRTH : 19-07-1980

### 4. ACADEMIC QUALIFICATIONS:

- **Ph.D. (2011)** : Sri Venkateswara University, Tirupati
  - Title of the thesis: “**Study of Pollution by Pesticides**”
- **M.Phil. (2007):** Sri Venkateswara University, Tirupati
  - Title of the Dissertation “**Study of Pollution by Pesticides**”
- **M.Sc. (2002):** Applied Chemistry, Sri Venkateswara University, Tirupati.
- **B.Sc. (2000):** (Maths, Physics, Chemistry), Sri Venkateswara University, Tirupati.

### TEACHING EXPERIENCE: 17 years

1. Contract Lecturer in Chemistry since 30-08-2011 to Till Date in TTD Degree Colleges, Tirupati.
2. Junior Lecturer (On Contract) in Chemistry from 2007 to 2011 in S.P.W. Junior College, TTD, Tirupati.
3. Junior Lecturer (On Contract) in Chemistry from 2003 to 2007 in Govt. Junior College, Piler, Chittoor Dist
4. Handling M.Sc (Organic Chemistry) Classes since 2013 (Inorganic Chemistry Theory and Organic Chemistry Practicals) and Dr.B.R.Ambedkar Open University UG Chemistry Theory and Practicals

### Area of Specialisation and Research Interest: Applied Chemistry.

Development and validation of simple methods for the analysis of Pesticide residues/Drugs in its formulations, environmental and biological samples using Electro analytical methods, Spectrophotometry and HPLC techniques.

## **RESEARCH PUBLICATIONS:**

1. N. Krishnaiah, **K. Purushotham Naidu**, K. Saraswathi and N. V.S.Naidu “Xanthates as selective ligands for voltammetric study of Cu (II) in Environmental samples”, *Analytical Chemistry: An Indian Journal*, 7(5), 279-284, 2008.
2. **K. Purushotham Naidu**, N. Krishnaiah, A.Varaprasad, K. Sraswathi and N. V.S.Naidu “Adsorption studies of potassium heptylxanthate at mercury electrode Surface”. *Materials science: An Indian Journal*, 5(4), 2009.
3. **K. Purushotham Naidu**, C. Swarna, M. Sulochana, K. Saraswathi and N. V.S.Naidu “Polarographic determination of Insecticide Imidacloprid at DME”. *Environmental Sciences: An Indian Journal*, 6(1), 1-6, 2011.
4. **K. Purushotham Naidu** and N.V.S.Naidu “Spectrophotometric determination of Rosiglitazone in pure form and in pharmaceutical formulations”. *Asian Journal of Research in Chemistry*, 4(9), 1420-1424, 2011.
5. **K. Purushotham Naidu**, T. Niranjan and N. V.S.Naidu “Spectrophotometric determination of Carbendazim in its formulations and Environmental samples”. *International Journal of Chem Tech Research*, 3(4), 1728-1733, 2011.
6. C.Swarna, **K.Purushotham Naidu**,G.nagendrudu, N.V.S.Naidu “Spectrophotometric method for the determination of Carboxin in its formulations and environmental samples” *E-Journal of Chemistry*, 8(4), 1680-1685, 2011.
7. **K.Purushotham Naidu**, N.Sathish Kumar and N.V.S Naidu Naidu “Spectrophotometry method for the determination of Metaformin hydrochloride in Pharmaceutical formulations and human urine sample. 92(4), 593-596, April 2015.

## **WORKSHOPS/SYMPOSIUMS/CONFERENCES/SEMINARS**

### **ATTENDED/ORGANIZED**

1. N. Krishnaiah, **K.Purushotham Naidu**, K. Saraswathi, and N.V.S.Naidu presented a paper entitled “Xanthates as Selective Ligands for Voltammetric Study of Cu (II) in Environmental Samples” to “*National Seminar on Recent Research trends in Synthetic Organic and Natural Products Chemistry*” Department of Chemistry, S.V. University, Tirupati. 25-26<sup>th</sup>, February, 2008.

2. **K. Purushotham Naidu**, N. Krishnaiah, A. Varaprasad, K. Saraswathi and N. V.S. Naidu presented a paper entitled “Adsorption Studies of Potassium heptylXanthate at mercury electrode surface” to “*National seminar on Analytical Chemistry-Vision 2020*”, ICT, Hyderabad. 27-28<sup>th</sup> March, 2008.
3. **K. Purushotham Naidu**, C. Swarna, K. Saraswathi and N. V.S.Naidu presented a paper entitled “Polarographic determination of insecticide Acetamiprid at DME” to “*National Seminar on Recent Research trends in Synthetic Organic and Natural Products Chemistry*” Department of Chemistry, S.V. University, Tirupati. 29-30<sup>th</sup>, March, 2010.
4. **K. Purushotham Naidu**, P. Krishna Murthy, K. Saraswathi and N. V.S.Naidu presented a paper entitled “Determination of fungicide Carbendazim by d.c.polarography at DME” to “*National seminar on Analytical Chemistry – Its importance in Industry , Environment and health*” , Andhra University, Visakhapatnam.22- 24<sup>th</sup> September, 2010.
5. C. Swarna,**K.Purushotham Naidu**, K. Sraswathi and N. V.S.Naidu presented a paper entitled“Spectrophotometric method for the determination of Carboxin in pure form and formulations” to “*2<sup>nd</sup> International Seminar on Medicinal plants and Herbal products*” Dept of Botany, S.V.University, 27-29<sup>th</sup> December, 2010.
6. C. Swarna, **K. Purushotham Naidu**, K. Saraswathi and N. V.S.Naidu presented a paper entitled “Polarographic determination of Carboxin in formulations and spiked water samples“ to “*National Seminar on Recent Advances on analytical science Indian perspective (RAASI)*” ICT, Hyderabad, 20 – 21<sup>st</sup> January, 2011.
7. Participated in Workshop “**Advanced Analytical Techniques for materials Characterization**”at S.R.M.University, Chennai, 19-20<sup>th</sup> July 2011.
8. **K. Purushotham Naidu**, K.Babunaidu and N. V.S.Naidu presented a paper entitled “Spectrophotometric method development and validation of Rosiglitazone in Pharmaceutical formulations” to “**International conference on updates on protein drug discovery, formulations and production challenges**” SPMVV, Tirupati. 28- 29<sup>th</sup> October, 2011.
9. **K. Purushotham Naidu**, P.Suguna, T. Niranjana and N. V.S.Naidu presented a paper entitled “New Spectrophotometric method for the determination of Imidacloprid in pure and pesticide formulations” to “**National seminar on recent research trends in chemical sciences**” S.V.University, Tirupati. 23<sup>rd</sup> December, 2011.

10. **K. Purushotham Naidu**, B. Ramachandra and N. V.S.Naidu presented a paper entitled “Synthesis of Potassium Isooctylxanthate and its electrochemical behavior at dropping mercury electrode” to “**National conference on interface between chemical science and technologies**, Dept. of Chemistry, NIT, Warangal, 29-30<sup>th</sup> December 2011.
11. **K. Purushotham Naidu**, N.Satish Kumar N. Venkatasubba Naidu presented a paper entitled “Spectrophotometric method for the determination of Metaformin hydrochloride in Bulk, Pharmaceutical formulations and Human Urine samples” to “*International conference on Emerging Trends in Chemical Sciences*” VIT University, Vellore, Tamilnadu. 5-7<sup>th</sup> December, 2013.
12. **K. Purushotham Naidu**, A.Saranga Pani, P.Supriya and N. V.S.Naidu presented a paper entitled “Determination of Pesticide Chlorothalonil in its formulations and agricultural samples” to “**National conference on Role of Chemistry in Energy and Development and Environmental Protection**” S.V.University, Tirupati. 3-4<sup>th</sup> March 2014.

#### **ATTENDED**

1. Participated in “*National Seminar on RAIGC – 2010*” Dept of Chemistry, Satavahana University, Karim Nagar, 14 – 15 November, 2010.
2. Participated in “*98<sup>th</sup> Indian Science Congress*” SRM University, Chennai, 3<sup>rd</sup> -7<sup>th</sup> January, 2010.
3. Participated in ”**UGC National Seminar on Current research trends and development in Chemical sciences**” P.V.K.N Degree college, Chittoor, A.P. 9-10<sup>th</sup> March, 2013.
4. Participated in **7<sup>th</sup> National Conference on “Thermodynamics of Chemical, biological and environmental process**” S.V.University, Tirupati. 10-12<sup>th</sup> December, 2012.
5. Participated in” **UGC National Seminar on Recent trends in Organic Chemistry**” S.V.Arts College, TTD’s, Tirupati. 19<sup>th</sup> December, 2013.
6. Participated in” **National Seminar on Recent trends in Chemistry Research - 2014**”Govt. Degree college,Kodur, A.P. 30<sup>th</sup> July 2014.
7. Participated in ”**National Conference on Emerging trends in Pharmaceutical Chemical sciences**” Dept. Of Chemistry, S.V.University, Tirupati. 28 to 29<sup>th</sup> March 2016.

8. Participated in "**104<sup>th</sup> Indian Science Congress**" S.V.University, Tirupati. 3<sup>rd</sup> to 7<sup>th</sup> January 2017.
9. Participated in "**National Conference on Current trends in Chemical and Pharmaceutical sciences**" Dept. Of Chemistry, S.V.University, Tirupati. 1<sup>st</sup> December, 2017.
10. Participated in "**International Conference in Chemistry (iConChem2018)**" Indian Institute of Science Education and Research, Tirupati. 24 to 26<sup>th</sup> May, 2018.
11. Participated in "**UGC National Seminar on Role of Chemistry in Nano Technology (RCNT)**" S.V.Arts College, TTD's, Tirupati. 13 to 14<sup>th</sup> March, 2019.
12. Participated in "**National Seminar on Recent advances in materials and Chemical Sciences**" Dept. Of Chemistry, S.V.University, Tirupati. 28<sup>th</sup> March, 2019.

### **ORIENTATION/REFRESHER/SUMMER COURSES ATTENDED**

1. Participated in **6 day Training Programme to UG Chemistry Teachers** working in Govt./Aided/Unaided degree colleges sponsored by APSCHE, Hyderabad held at P.V.K.N.Degree College, Chittoor, 19-24<sup>th</sup> January 2012.

### **FACULTY DEVELOPMENT PROGRAMMES PARTICIPATED**

1. One week International FDP on **Synergia to Revitalize, Reform, and Refresh Ourselves as Agents to Ensure Quality Education** organized by Department of Business Administration, Auxilium College (Autonomous) Vellore. 1<sup>st</sup> to 7<sup>th</sup> June 2020
2. One week National level FDP on **Capacity Building and Skill Enhancement for Higher Education Teachers** organized by Indira Priyadarsani Govt. College for Women, Hyderabad. 20/7/2020 to 25/07/20
3. One Week Online Faculty Development Program entitled "**Unlockdown 3.0: A Period of Reorienting the Teaching & Learning**", Department of Chemistry, GITAM School of Sciences, GITAM, Bangalore. 17<sup>th</sup> to 23<sup>rd</sup> August 2020.
4. One week International FDP on **Enhancing Digital Proficiency: A platform of Refining Research and Teaching Skills** Organised by Adikavi Nannaya University, Rajamahendravaram, AP. 12<sup>th</sup> to 16<sup>th</sup> August 2020.