

BIODATA

Name : K.N.Shashikumar

Designation : Assistant Professor

Department : Humanities & Sciences

Institute : Annamacharya Institute of Technology & Sciences

Date of Birth : 2th February 1976

Nationality : Indian

Sex : Male

EDUCATIONAL QUALIFICATIONS

2009-2010 *Research Professor*, Dept. of Material Chemistry, Korea University, Seoul, South Korea

2006 **Ph.D** Degree from Sri Venkateswara University, Tirupati, India entitled “**Electro Analysis of Pesticides in Environmental Samples**”.

2000 **M.Sc (Inorganic Chemistry)** Degree from Sri Venkateswara University, Tirupati, India.

1998 **B.Sc (Chemistry, Physics and Zoology)** From Sri Krishnadevaraya University, Anantapur, India.

RESEARCH / TEACHING EXPERIENCE- 16 Years

2010- Till to date

Assitant Professor, Dept of Humanities & Sciences, AITS, Kadapa.

2009-10

Research Professor, Dept of Material Chemistry, Korea University,
Seoul, Korea.

2008-09

Scientist, APOTEX Research Pvt Ltd , Bangalore-560099, India.

2007-08

Research Associate, Dept of chemistry, S.V. University. Tirupathi.

2002-07

Research Scholar, Dept of Chemistry, S.V. University. Tirupathi.

PROJECT HANDLED(as Doctoral & Post Doctoral fellow)

Electrochemical behaviour of water-splitting cobalt, Dept. of Material Chemistry, Korea University, Seoul, South Korea (BK 21 project from Korean government)

Synthesis and development of novel polymeric Drug Delivery systems based on Biopolymers (AICTE funded project under Research Promotion Schemes)

LIST OF PUBLICATIONS

1. N.Y. Sreedhar, T. Thriveni and **K.N. Sasi Kumar**, Electrochemical Investigations and Analysis of Allethrin in Formulations and in Household Dust, **J. Indian Chem. Soc.**, 81 (2004) 613-615

Impact Factor : 0.13, ISSN 0019452

2. **K.N. Shashi Kumar**, T. Thriveni, Y. Jyothi and N.Y. Sreedhar, Differential Pulse Adsorptive Stripping Voltammetric Determination of Bifenthrin in Formulations and Vegetables, **J. Electrochem Soc. India**, Vol.55-1(2006).

ISSN:0013-466X Publishers:IISC Bangaluru.

3. N.Y.Sreedhar, M.Sankar nayak, **K.N. Shashi Kumar**, K. sriniva Prasad, and P.Reddy Prasad. Differential Pulse Adsorptive Stripping Voltammetric Determination of Simeton in its formulations and Vegetables, **Environmental Monitoring and Assessment**, Volume 170, Numbers 1-4(2010),59-63.

Impact Factor : 1.672

4. **K.N. Shashi Kumar**, Popuri SrinivaRao, Reddy K.V.N. Suresh. Determination of Diphacinone in Grian samples by using Adsorptive Stripping Voltammetry **International Journal of Reseach in chemistry and Environment**, Vol.2 Issue1, January 1(2012),74-81.

ISSN:2248-9649

5. **K.N. Shashi Kumar**, N.Y.Sreedhar. Electrochemical Behaviour and Analysis of Cyphenothrin in Formulations and Grain Samples, **Indian journal of advances in chemical sciences** 1(2012), 33-39

ISSN:2320-0928

6. Yu-Hsien Peng,¹ Ching-Hwa Lee,¹ Srinivasa R. Popuri,^{2,4} and **K. N. Shashi Kumar**³ "Synthesis of High-Purity Ultrafine Copper Powder in Mass-Production by ChemicalReduction Method: Taguchi Robust Design Optimization" **Powder Metallurgy and Metal Ceramics**, Vol. 55, Nos. 7-8, November, 2016 , DOI 10.1007/s11106-016-9818-8

Impact Factor : 0.342 UGC no:

7. **K.N. Shashi Kumar**, N.Y.Sreedhar "Electrochemical Determination of Pindone in Agricultural Formulation and Cereal Samples by Differential Pulse Adsorptive Stripping Voltammetry **Indian Journal of Advances in Chemical Science** 4(4) (2016) 484-489.

ISSN:2320-0928

8. Text book of Social Values & Ethics, Research India Publications.

ISBN: 978-93-87374-08-9

9. **K.N. Shashi Kumar**, T. Thriveni, and N.Y. Sreedhar, Voltammetric Behaviour of Dimethametrynn and its determination in soil and water using Adsorptive Stripping voltammetry at hanging mercury drop electrode. **International journal of current Advanced Research**, Volume 7, issue 1(K) (2018) 9487-9491.

UGC no:43892, ISSN: O: 2319-6475, ISSN: P: 2319-6505

SEMINARS & CONFERENCES

1. **K.N. Shashi Kumar** , Participated and presented a paper entitled " Development of Chelating Hydrogels Based on Chitosan/Poly(acrylamide-co-2-acrylamido-2-methyl-1-propane sulfonic acid: Removal of copper and Nickel Ions from Aqueous Solutions" at 7thNational Conference on Novel Polymeric Materials. Dept. of Polymer Science and Technology, JSS Science and Technologyuniversity.
2. **K.N. Shashi Kumar**, one day Work shop on "Awareness on Washington Accord for Outcome Based education" on 4th August, 2015. JNTUA, Ananthapuram.
3. **K.N. Shashi Kumar** , Participated and presented a paper entitled "Synthesis and characterization of chitosan and poly microgels for controlled release of Antibiotic drug" at one day national seminar on New Trends on Advanced Materials(NTAM) on 27.02.2015. Govt.college for men(A) Kadapa.
4. **K.N. Shashi Kumar**, Participated and presented a paper entitled "Electrochemical Behavior of Water-Splitting Cobalt(II) in potassium Dihydrogen Phosphate Buffer" National seminar on New Frontiers in Chemical Sciences" NFCS-2014 4th March 2014, Department of Chemistry, Yogi Vemana University, Kadapa.
5. **K.N. Shashi Kumar**, Participated "Two day National wrok shop on Analytical Techniques in Research and Analysis"(ATRA-2013) under TEQIP PhaseII, JNTUA :: Pulivendula

6. **K.N. Shashi Kumar**, N.Y.Sreedhar, Participated and presented a paper entitled “Study Of The Voltammetric Behavior Of The Pindone Determination In Soil And Water Using Adsorptive Stripping Voltammetry At Hanging Mercury Drop Electrode” UGC Sponsored national Seminar on Recent trends in Chemical Sciences (RTCS-2012) 31th March 2014, Department of Chemistry, Yogi Vemana University, Kadapa.
7. **K.N. Shashi Kumar**, N.Y.Sreedhar, Participated and presented a paper entitled “Study Of The Voltammetric Behavior Of The Dimethametryn And Trietazine And Its Determination In Soil And Water Using Adsorptive Stripping Voltammetry At Hanging Mercury Drop Electrode” National seminar on Role of Chemistry in Emerging Areas of Biology and Industries (RCEABI-2006) March 24-25, 2006. Department of Chemistry, S.K.University, Anantapur.
8. **K.N. Shashi Kumar**, N.Y.Sreedhar, Participated and presented a paper entitled “Differential Pulse Adsorptive Stripping Voltammetric Determination of Simeton in its formulations and Vegetables” National seminar on Role of Chemistry in Drug development Strategies 13-14 august 2005, Department of Chemistry, S.V. Arts college for Men, TTD Tirupati.