

Curriculum Vitae
Nirmala Chandrasekharan
Cisco Community College
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Work Experience

2014- current	Chemistry Professor	Cisco College. TX
2013- 2012	Chemistry Instructor	

Certification from the University of Maryland Baltimore County on laboratory safety compliance (OSHA) and hazard waste management

Training Bayer LLC, Good Laboratory Practice (GLP) and Standard Operating Procedure (SOP)

Selected presentations

1. CTL (Center for teaching and learning) day Lecture presentation March 29 2013, Pipestone MN "infusing learner centered strategies into my courses" Pipestone campus, Minnesota west community and technical college

2. The teaching professor workshop "Infusing learner centered strategies into your course Jan 11-13 2013 Austin Texas Facilitators Maryellen Weimer, Dave Yearwood and Ike Shibley

3. Report "Ongoing development of assessment tools for learning outcomes in chemistry" Presentation at the Faculty organization IUN, Hawthorn hall 107 February 17 2011

4. Workshop on "Students Talk With Faculty About What Helps Them Learn" Tuesday November 22 2011 Library Conference center, IUN Gary, Indiana

5. Sub-surface brain tumor diagnosis using a portable NMPPAS based fiber optic microprobe SPIE Boston October 26 2005 J.B. Kiser, N. Chandrasekharan and B.M. Cullum

6. SERS chemical imaging nanoprobe

Selected Publications

1. Structural, Vibrational, and Optical Characterization of Anodically Electroplated Germanium Thin Films
Nirmala Chandrasekharan and Slavi Sevov J. Electrochem. Soc., 157, 12, C419-C423 (2010)
2. Anodic Electrodeposition of Germanium Films from Ethylenediamine Solutions of Octahedral Ge_9^{4-} Zintl Ions
Nirmala Chandrasekharan and Slavi C. Sevov J. Electrochem. Soc., 157, 4, C140-C145, (2010)
3. A fluorescent ratiometric alcohol sensor based on a solvatochromic polymeric dye, Nile Blue polymethacrylamide
Nirmala Chandrasekharan, Sherif Ibrahim, Dan Kostov International Journal Bioautomation 9, 2000 31-39, (2007)
4. Progress towards fluorescent molecular thermometers. Chandrasekharan, Nirmala; Kelly, Lisa A. Reviews in Fluorescence (2004), 1 21-40. Publisher: Kluwer Academic/Plenum
5. Tuning the properties of CdSe nanoparticles in reverse micelles. Chandrasekharan, Nirmala; Kamat, Prashant V.