Curriculum Vitae

Faculty Name: Gururaj M. Neelgund, Ph.D.

Work Address: P.O. Box 519; MS 1060
Prairie View, TX 77446

Position Title: Adjunct Assistant Professor
Office Location: Room# 201 at E. E. O'Banion Science Building
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Education:

Degree and Area of Study	Institution Name	Degree Date
Ph.D., Chemistry	Karnatak University, Dharwad, India	2003
MSc, Chemistry	Karnatak University, Dharwad, India	1998
BSc, Physics, Chemistry, Mathematics	Karnatak University, Dharwad, India	1998

Teaching Experience

Position Title	Institution Name	Position Dates (Beginning and End)
Adjunct Assistant Professor	Prairie View A&M University Prairie View, TX, USA	Aug 2012–Present
Postdoctoral Research Fellow	Prairie View A&M University Prairie View, TX, USA	May 2009–July 2012
Postdoctoral Research Fellow	Western Michigan University Kalamazoo, MI, USA	Jan 2007–April 2009
Postdoctoral Research Fellow	Indian Institute of Science Bangalore, India	July 2003–Oct 2004 and Nov 2005–Dec 2006
Postdoctoral Research Fellow	Ewha Womans University Seoul, South Korea	Nov 2004–Oct 2005
Postgraduate Guest Lecture	Karnatak University Dharwad, India	June 2002–May 2003

Professional Publications:

Selected publications from total 41 publications

G.M. Neelgund, V.N. Bliznyuk, A. Oki "Photocatalytic activity and NIR laser response of polyaniline conjugated graphene nanocomposite prepared by a novel acid-less method" ***Applied Catalysis B: Environmental*** (In press).

G.M. Neelgund, B. Karthikeyan, S. A.Shivashankar, A. Oki "Single-step, size-controlled synthesis of colloidal silver nanoparticlesstabilized by octadecylamine" ***Applied Surface Science*** 356, (2015), 726-731.

G.M. Neelgund, A. Oki and Z. Luo "ZnO and cobalt phthalocyanine hybridized graphene: efficient photocatalysts for degradation of rhodamine B" ***Journal of Colloid and Interface Science*** 430 (2014) 257-264.

G.M. Neelgund, A. Oki and Z. Luo "Antimicrobial activity of CdS and Ag_2S quantum dots immobilized on poly(amidoamine) grafted carbon nanotubes" ***Colloids and Surfaces B: Biointerfaces*** 100 (2012) 215-221

G.M. Neelgund and A. Oki "Photocatalytic activity of CdS and Ag_2S quantum dots deposited on poly(amidoamine) functionalized carbon nanotubes" ***Applied Catalysis B: Environmental*** 110 (2011) 99-107.

G.M. Neelgund, K. Olurode, Z. Luo and A. Oki "A simple and rapid method to graft hydroxyapatite on carbon nanotubes" ***Materials Science and Engineering C*** 31 (2011) 1477-1481 ***(Cited as most read article between July-September 2011)***.

G.M. Neelgund and A. Oki "Pd nanoparticles deposited on poly(lactic acid) grafted carbon nanotubes: Synthesis, characterization and application in Heck C–C coupling reaction" ***Applied Catalysis A: General*** 399 (2011) 154-160.

G.M. Neelgund, V.N. Bliznyuk, A.A. Pud, K.Y. Fatyeyeva, E. Hrehorova and M. Joyce "Formation of nanostructured composites with environmentally-dependent electrical properties based on poly(vinylidene fluoride)-polyaniline core-shell latex system" ***Polymer*** 51 (2010) 2000-2006.

G.M. Neelgund, E. Hrehorova, M. Joyce and V. Bliznyuk "Synthesis and characterization of polyaniline derivative and silver nanoparticle composites" ***Polymer International*** 57 (2008) 1083-1089.

Additional Trainings/Skills:

Reviewer certificate from *Materials Science and Engineering C*

Reviewer certificate from *Superlattices and Microstructures*

Reviewer certificate from *Polymer*

Reviewer certificate from *Journal of Hazardous Materials*

Member of the Royal Society of Chemistry (MRSC)

Associate Editor, American Journal of Engineering and Technology Research, ISSN 2162-33844

31 publications in peer reviewed international journals

10 presentations in national and international conferences

Reviewer for more than 15 international journals

Awarded the DST (Department of Science and Technology) postdoctoral fellowship in nano science and technology, 2006

Biography has published in the book of Marquis Who's Who 2013 Edition