

**Faculty Name:** Gururaj M. Neelgund, Ph.D. **Work Address:** P.O. Box 519; MS 1060  
Prairie View, TX 77446

**Position Title:** Assistant Professor

**Office Location:** Room# 306 at E. E. O'Banion Science Building

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Education:	Degree and Area of Study	Institution Name	Degree Date
	PhD, Chemistry	Karnatak University, Dharwad, India	2003
	MSc, Chemistry	Karnatak University, Dharwad, India	1998
	BSc, Physics, Chemistry, Mathematics	Karnatak University, Dharwad, India	1996

Teaching Experience	Position Title	Institution Name	Position Dates (Beginning and End)
	Assistant Professor	Prairie View A&M University Prairie View, TX, USA	Aug 2018–Present
	Adjunct Assistant Professor	Prairie View A&M University Prairie View, TX, USA	Aug 2012–July 2018
	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 50 publications**

**G.M. Neelgund** and A. Oki “Folic acid and CuS conjugated graphene oxide: An efficient photocatalyst for explicit degradation of toxic dyes” *Applied Surface Science* 566 (2021) 150648.

**G.M. Neelgund**, A. Oki, S. Bandara, L. Carson “Photothermal effect and cytotoxicity of CuS nanoflowers deposited over folic acid conjugated nanographene oxide” *Journal of Materials Chemistry B* 9 (2021) 1792–1803 (**Featured on cover page**).

**G.M. Neelgund**, A. Oki, “Contribution of polylactic acid and Pd nanoparticles in the enhanced photothermal effect of carbon nanotubes” *Chemistry Select* 5 (2020) 11020–11028.

**G.M. Neelgund** and A. Oki “ZnO conjugated graphene: An efficient sunlight driven photocatalyst for degradation of organic dyes” *Materials Research Bulletin* 129 (2020) 110911.

**G.M. Neelgund** and A. Oki “Cobalt phthalocyanine-sensitized graphene–ZnO composite: An efficient near-infrared-active photothermal agent” **ACS Omega** 4 (2019) 5696-5704.

**G.M. Neelgund** M.C. Okolie, F.K. Williams and A. Oki “Ag<sub>2</sub>S nanocrystallites deposited over polyamidoamine grafted carbon nanotubes: An efficient NIR active photothermal agent” **Materials Chemistry and Physics** 234 (2019) 32–37.

**G.M. Neelgund** and A.R. Oki “Advancement in photothermal pffect of carbon nanotubes by grafting of poly(amidoamine) and deposition of CdS nanocrystallites” **Industrial & Engineering Chemistry Research** 57 (2018) 7826-7833 (**Featured on cover page**).

**G.M. Neelgund** and A.R. Oki “Photothermal effect: an important aspect for the enhancement of photocatalytic activity under illumination by NIR radiation” **Materials Chemistry Frontiers** 2 (2018) 64-75 (**Featured on cover page**).

**G.M. Neelgund** and A.R. Oki “Photothermal effect of Ag nanoparticles deposited over poly(amidoamine) grafted carbon nanotubes” **Journal of Photochemistry and Photobiology A: Chemistry** 364 (2018) 309-315.

#### **Additional Trainings/Skills:**

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

**Editorial Board Member** of Current Research in Materials Chemistry.

Member of the Royal Society of Chemistry (MRSC)

Member of Sigma Xi, The Scientific Research Society

Outstanding contribution in reviewing by *Journal of Photochemistry and Photobiology A: Chemistry*

Outstanding contribution in reviewing by *Materials Letters*

Certificate of reviewing by *Materials Science and Engineering C*

Certificate of reviewing by *Superlattices and Microstructures*

Certificate of reviewing by *Polymer*

Certificate of reviewing by *Journal of Hazardous Materials*

Certificate of reviewing by *Applied Catalysis B: Environmental*

Certificate of reviewing by *Chemical Engineering Journal*

Certificate of reviewing by *Journal of Molecular Liquids*

Certificate of reviewing by *Journal of Photochemistry and Photobiology A: Chemistry*

Certificate of reviewing by *Journal of Photochemistry and Photobiology B: Biology*

Certificate of reviewing by *Materials Letters*

Certificate of reviewing by *Sensors and Actuators B: Chemical*

Certificate of reviewing by *Trends in Analytical Chemistry*