


## FACULTY PROFILE

Name	:	Dr.K.Geetha	
Designation		Assistant Professor Nanotechnology Division	
Department		ECE	
Educational Qualification		Ph.D M.Tech(Nanotechnology) B.V.Sc	
Subject of Interest	:	Animal Nutrition, Drug Delivery and Tissue Regegnartion	
Publications :	:	<ol style="list-style-type: none"> <li>1. <b>Geetha.K</b>, FarjanaBegum.A, Kumar.D, “Sustained delivery of Non-Steroidal Anti-Inflammatory drug for Wound dressing”,International Journal of PharmTech Research CODEN (USA): IJPRIF ISSN : 0974-4304 Vol.6, No.7, pp 1999-2007, November 2014</li> <li>2. Geen, <b>Geetha Kathiresan</b>, Durairaj Kumar, Sreenath Subrahmanyam, Kumaran Shanmugam “Raman Fingerprints in Detection of Breast Cancer”,J of BiosensBiomark Diagn 1(1): 1-11,2016</li> <li>3. Arulnathan , R. Karunakaran<sup>1</sup> , V. Balakrishanan<sup>1</sup> , M. Chellapandian and <b>K.Geetha</b>,of Science, Environment ISSN 2278-3687 (O) and Technology, Vol. 5, No “Synthesis and characterization of nano selenium as feed supplement”,International Journal, 2016, 2296 – 2300.</li> <li>4. Arulnathan,,R.Karunakaran, V. Balakrishanan, M. Chellapandian, <b>K. Geetha</b> and A. Sabareeswaran, “In vitro Cytotoxicity Assessment of Nano Selenium in Mice for its Biocompatibility as Feed Supplement”,Indian Vet. J., March 2017, 94 (03) : 28 – 30,2016.</li> <li>5. <b>Geetha Kathiresan</b> and Uma Maheswari Krishnan B, “Electrospunbioceramic composite scaffold for bone regeneration”,Journal of Chemical and Pharmaceutical Research, 2015, 7(11):574-580</li> <li>6. S.Kanimozhi,R.Suganthy, M. Monika, S. Harini and <b>K. Geetha</b>, “advanced composites - organic nanoscaffolds</li> </ol>	

		<p>for wound healing” Indian j.sci.res. 14 (1): 241-243, ISSN: 0976-2876 (print) issn: 2250-0138 (online), 2017.</p> <p>7. Electrical and thermal properties of silicon carbide using different nano materials: a review ,k. deepika, d. kumar, r. elavarasi, k.geethadoi:10.23883/ijrter.2018.4290.hfo2b</p> <p>8. Kavithayeni V, Geetha K,Akash Prabhu S “ A review on dye reduction mechanisms using nano adsorbents in waste water”IJRTE,V-7,Issue -652,April 2019</p> <p>9. Geetha Kathiresan,Kanimozhi,N.Arulnathan “Silver nanoparticle: A Bactericidal agent for pathogenic poultry bacteria”, IJRTE,V-7,Issue -652,April 2019</p> <p>10. R. Vinoth (1) ,D. Kumar (1) ,Raviraja Adhikari (3),S. Vijayapradeep (1),K. Geetha (1),R. Ilavarasi (1),Saravanakumar Mahalingam (4),” Steady and Transient Flow CFD Simulations in an Aorta Model of Normal and Aortic Aneurysm Subjects”</p> <p>11. RagaviPriyadharshani Raja, Geetha Kathiresan, R. Ilavarasi ,Nano Titanium Dioxide -An Effective Photocatalyst for Emerging Applications,International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019</p> <p>12. Akash Prabhu S, Geetha Kathiresan, SuganthyR, Synthesis of Nano Copper Shell for Conductive Ink in Wearable Electronics,International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019</p>
Funded Projects	:	<ul style="list-style-type: none"> <li>• Fabrication and Analysis of Nano Copper coated Wi – Fi Antenna funded by TNSCST</li> <li>• Activated Nano carbon reinforced in textile for indoor air purification funded by TNSCST</li> <li>• Organic Nano Fibrous Band Aid for Wound Healing funded by TNSCST</li> </ul>
Google Scholar Link	:	<a href="http://scholar.google.co.in/citations?user=L3wgvZkAAAAJ&amp;hl=en">http://scholar.google.co.in/citations?user=L3wgvZkAAAAJ&amp;hl=en</a>

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