




# K. S. SCHOOL OF ENGINEERING & MANAGEMENT

**KSSEM**  
K. S. SCHOOL OF ENGINEERING & MANAGEMENT

# 15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109, Karnataka, INDIA.

<b>Faculty Name</b>	ANITHA R	
<b>Designation</b>	Assistant Professor	
<b>Educational Qualification</b>	M.Sc., M.Phil., (Ph.D)	
<b>Experience in Years</b>	Teaching: 16 Industry :	
<b>Areas of Interest</b>	Nanoscience	
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## Educational Details

Examination/ Degree	College / University	Year of Passing
UG	Mysore University	2000
PG	Mysore University	2003
PhD	Bharathiar University	Pursuing

## Publications

### Papers published in Journals:

SL.N O.	DATE	JOURNAL
1.	10 <sup>th</sup> , March 2019	<b>Journal: (Scopus Indexed Journal)</b> International Journal of Advanced Science and technology. <b>Impact Factor:</b> 0.48 <b>Article:</b> Synthesis, Characterization of CeO <sub>2</sub> nanoparticles via Eco-friendly green combustion technique and its antimicrobial, anticancer activities. <b>ISSN number:</b> 2005-4238 <b>Link:</b> <a href="http://sersc.org/journals/index.php/IJAST/article/view/428">http://sersc.org/journals/index.php/IJAST/article/view/428</a>
2.	14 <sup>th</sup> , December 2018	<b>Journal: (Elsevier Journal)</b> Journal of Science: Advanced material & Devices. <b>Impact Factor:</b> 5.469 <b>Article:</b> Cytotoxicity, antibacterial and antifungal activities of ZnO nanoparticles prepared by the <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method. <b>ISSN number:</b> 2468-2179 <b>Link:</b> <a href="https://doi.org/10.1016/j.jsamd.2018.11.001">https://doi.org/10.1016/j.jsamd.2018.11.001</a>
3.	7 <sup>th</sup> , November 2018	<b>Journal: (UGC recognized Journal)</b> International Journal of Scientific Research & Review. <b>Impact Factor:</b> SIJF Impact:6.946 ISI Impact: 1.536 <b>Article:</b> Synthesis of hybrid ZnO@Ag core shell nanospheres and its antibacterial applications. <b>ISSN number:</b> 2279-543X

		<b>Link:</b> <a href="http://dynamicpublisher.org/ICTTSTM-2018/">http://dynamicpublisher.org/ICTTSTM-2018/</a> DOI:16.10089.IJSRR.2018.V7I06.5245.2404
4.	21 <sup>st</sup> , August 2017	<b>Journal: (UGC recognized Journal)</b> International Journal of Pharma and Bio Sciences. <b>Impact Factor:</b> Scientific Journal Impact: 7.446 RG Journal Impact: 0.36 <b>Article:</b> Anti-microbial activity of ZnO nanoparticles, Synthesis using <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method. <b>ISSN number:</b> 0975-6299 <b>Link:</b> <a href="http://dx.doi.org/10.22376/ijpbs.2017.8.4.b90-97">http://dx.doi.org/10.22376/ijpbs.2017.8.4.b90-97</a>
5.	7 <sup>th</sup> , March 2017	<b>Journal: (UGC recognized Journal)</b> International Journal of Pharma and Bio Sciences. <b>Impact Factor:</b> Scientific Journal Impact: 7.446 RG Journal Impact: 0.36 <b>Article:</b> Photocatalytic activity of CeO <sub>2</sub> nanoparticles, synthesis using <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method. <b>ISSN number:</b> 0975-6299 <b>Link:</b> <a href="http://dx.doi.org/10.22376/ijpbs.2017.8.2.b933-936">http://dx.doi.org/10.22376/ijpbs.2017.8.2.b933-936</a>

#### Papers published in Conference:

SL.N O.	DATE	CONFERENCE
1.	27 <sup>th</sup> 28 <sup>th</sup> April 2022	<b>International Conference:</b> “Frontiers in Engineering, Management & Science”- APSCE, Bangalore. <b>Article:</b> Antibacterial and antifungal activities of Ag nanoparticles prepared by <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method.
2.	4 <sup>th</sup> to 7 <sup>th</sup> , August 2020	<b>International Conference:</b> “Accelerating innovations in material science”- BMSIT, Bangalore. <b>Article:</b> Antibacterial and antifungal activities of Ag nanoparticles prepared by <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method.
3.	17 <sup>th</sup> & 18 <sup>th</sup> , August 2018	<b>International Conference:</b> “Topical Transcends in Science, Technology & Management”- SVIT, Bangalore. <b>Article:</b> Synthesis of hybrid ZnO@Ag core shell nanospheres and its antibacterial applications.
4.	30 <sup>th</sup> , August 2017	<b>National Conference:</b> “Recent Advances in Materials”- APSCE, Bangalore. <b>Article:</b> Photocatalytic activity of ZnO nanoparticles, synthesis using <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method.
5.	4 <sup>th</sup> & 5 <sup>th</sup> , December 2015	<b>National Conference:</b> “Advanced Functional Materials”- DSATM, Bangalore. <b>Article:</b> Green synthesis of ZnO nanoparticles, Characterization and its Anti microbial activities.
6.	27 <sup>th</sup> & 28 <sup>th</sup> , March 2015	<b>National Conference:</b> “Emerging Trends in Nano Applications”- BMSIT, Bangalore. <b>Article:</b> Eco-friendly spherical ZnO nanoparticles and its Antimicrobial activities.
7.	3 <sup>rd</sup> to 7 <sup>th</sup> , January 2006	<b>National Conference:</b> “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. <b>Article:</b> Studies in the enzyme alkaline phosphatase from <i>Bacillus subtilis</i> .
8.	3 <sup>rd</sup> to 7 <sup>th</sup> , January 2006	<b>National Conference:</b> “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. <b>Article:</b> Studies in the enzyme alkaline phosphatase from <i>Physcia orbicularis</i> .

9.	3 <sup>rd</sup> to 7 <sup>th</sup> , January 2006	<b>National Conference:</b> “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. <b>Article:</b> Biochemical studies in leaves and galls of <i>Ficusglomerata</i> , Roxb. By <i>Pauropsylla depressa</i> , Crwf.	
10.	3 <sup>rd</sup> to 7 <sup>th</sup> , January 2006	<b>National Conference:</b> “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. <b>Article:</b> Molecular Biological studies in leaves and galls of <i>Ficusglomerata</i> , Roxb. By <i>Pauropsylla depressa</i> , Crwf.	

## Professional Membership

1. IFERP (Institute for Engineering Research and Publication)

2. IAAC

## Contact Details

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