

For uniformity.....

- Please do not alter the color, size , font or format of the table
- Some sample data is also given for reference, kindly fill accordingly

Name	Dr.V.DEVABHARATHI		
Designation & Department	PROFESSOR		
Qualification	M.Sc.,M.Phil.,Ph.D.		
Area of Specialization	Thin Film Technology, Nanotechnology, Solar Cell Applications		
Date of Joining (KSR IET)	11-08-2011		
Experience (as on 01.06.2020)	Teaching:16	Industry:00	Others: 03
Number of Papers Published	National Journals : 00	International Journals : 11	
Number of Papers Presented	National Conferences : 01	International Conferences : 03	
Books Published	National Publisher : 01	International publisher : 00	
Contact Details	E Mail: devabharathi@gmail.com		Mobile:9942619776

Publications (International Journals)

1. **V.Devabharathi**, K.L.Palanisamy & N.MeenakshiSundaram 2014, ‘Influence of pH on the performance of ZnO nanocrystal based dye sensitized solar cells’, Superlattices and Microstructures vol.75, pp. 99-104.
2. **V.Devabharathi**, K.L.Palanisamy & N.MeenakshiSundaram 2014, ‘Orange fruit mediated synthesis and characterisation of silver nanoparticles, International Journal of Chem Tech Research, vol.6, no.7, pp.3473-3477.

3. **V.Devabharathi**, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Role of annealing temperature and pH on structural and optical properties of ZnO nanocrystals by precipitation method' International Journal of Chem Tech Research, vol.6, No.14, pp.5485 -5489.
4. K.L.Palanisamy, N.MeenakshiSundaram, **V.Devabharathi** & P.Thangarasu, 2013 'Synthesis and characterization of olive oil mediated iron oxide nanoparticles' Digest Journal Of Nanomaterials And Biostructures, Vol. 8, No. 2, pp. 607 – 612. Impact factor 1.092
5. K.L.Palanisamy, **V.Devabharathi** & N.MeenakshiSundaram 2014, 'Investigation of carrier oil stabilized iron oxide nanoparticles and its antibacterial activity', 2014, African Journal of Biotechnology, vol.1, no.18, pp.1915-1919. Impact factor 0.654
6. K.L.Palanisamy, **V.Devabharathi** & N.MeenakshiSundaram 2013, 'The utility of magnetic iron oxide nanoparticles stabilized by carrier oils in removal of heavy metals from waste water' Impact: International Journal of Research in Applied, Natural and Social Sciences (Impact: IJRANSS) Vol. 1, no.4, pp. 15-22.
7. K.L.Palanisamy, **V.Devabharathi** & N.MeenakshiSundaram 2013, 'Water treatment studies of SPIONs treated with Olive Oil', Nano Vision, Vol.3, No.3, pp.161-167.
8. K.L.Palanisamy, **V.Devabharathi** & N.MeenakshiSundaram 2014, 'Antibacterial study of olive oil stabilized superparamagnetic iron oxide nanoparticles', International Journal of Phyto Pharmacy Research, Vol 5, no.1, 48-52.
9. K.L.Palanisamy, **V.Devabharathi** & N.MeenakshiSundaram 2014, 'Corrosion inhibition studies of mild steel with carrier oil stabilized iron oxide nanoparticles incorporated into a paint', International Journal of Chem Tech Research
10. K.L.Palanisamy, **V.Devabharathi** & N.MeenakshiSundaram 2014, 'stability assessment of olive oil and linseed oil stabilized iron oxide nanoparticles and photodegradation studies of olive oil stabilized iron oxide nanoparticles', International Journal of Chemical Sciences
11. A. Balamurugan, M. Sudha, S. Surendhiran, **V. Devabharathi**, Syed Khadar 2020, 'Effect of calcination process on structural and optical properties of tungsten doped ZnO nanostructures', International Journal of Multidisciplinary, Vol. 5, No.5, pp. 15-22

Publications (National Journals)

NIL

Publications (International Conferences)

1. Palanisamy, KL, Devabharathi, V, Meenakshisundaram, N & Rajendran, V 2010, ‘Olive oil mediated synthesis and characterization of iron oxide nanoparticles’, Proceedings of International Conference on Nanomaterials and Nanotechnology, Published in Synthesis and Characterization of Nanostructured Materials, Ed. V. Rajendran, K.Saminathan, B. Hillebrands & K.E. Geckeler, Macmillan Publishers India Ltd., ISBN 023-033-193-9, pp. 311-316.
2. Palanisamy, KL, Devabharathi, V, Thangarasu, P, Meenakshisundaram N & Rajendran, V 2011, ‘Low temperature synthesis and characterization of Metal oxide nanoparticles’ Proceedings of ICNN, pp. 93
3. Maheswari, S, Thambidurai, M, Soundararajan, D, Mangalraj, D, Nataraj, D, Palanisamy, KL, Devabharathi, V, & Thangarasu, PT, 2010, ‘Preparation and Characterization of Nanocrystalline Zn_{1-x}CoxO Thin Films Prepared by Sol-gel Method’, Proceedings of International Conference on Nanomaterials and Nanotechnology, Published in Synthesis and Characterization of Nanostructured Materials, Ed. V. Rajendran, K. Saminathan, B. Hillebrands & K.E. Geckeler, Macmillan Publishers India Ltd., ISBN 023-033-193-9, pp. 207-212.

Publications (National Conferences)

NIL

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Engineering Physics	Dr.J.C.Kannan, Dr.V.Devabharathi & Dr.D.madhan	Charulatha Publications, 24, Thambaiah road, Chennai-33	2019

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	-	-	-	-

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	-	-	-	-

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.		

Training Offered

Membership in Professional Bodies

- **Indian Society for Technical Education (ISTE) - Life Member**

Subject Links