

Faculty Profile

Dr.A.Yelilarasi, Associate Professor

hodphy@kamarajengg.edu.in

Mobile No:9940973754

Educational Qualification			
Degree	Class & %	Institution	Year
Ph.D.(Part time)		Ayya Nadar Janaki ammal college Madurai Kamaraj University, Madurai	2005-2011
M.Phil .(<i>Part time</i>)	Second Class 54.5%	VHNSN College Madurai Kamaraj University, Madurai	1998-2001
M.Sc Physics	First Class 61.2%	H.H. Maharaja College for women Kerala University	1984-86
B.Sc Physics	First Class 68.2%	H.H. Maharaja College for women Kerala University	1981-84

Experience			
Name of the College	Designation	Period	No. of. Years
V.V.Vanniaperumal College For Women Virudhunagar	Lecturer	10.01.1994 - 31.07.2008	14Y 7 M
Kamaraj College of Engineering and Technology	Lecturer	01.08.2008 - 30.06.2010	1Y11 M
Kamaraj College of Engineering and Technology, Virudhunagar	Assistant Professor	01.07.2010- 31.12.2011	1Y6M

Kamaraj College of Engineering and Technology, Virudhunagar	Associate Professor	01.01.2012 – till date	7Y 6M
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Area of Specialization

- **polymer nanocomposites**
- **Nano materials**
- **Dye Solar cell**

RESEARCH PUBLICATIONS

Publications in International Journals

1. The structural property relationship of PANI-Analysis via FTIR spectroscopy **A. Yelil Arasi**, J. Juliet Latha Jeyakumari, B. Sundaresan, V. Dhanalakshmi, R. Anbarasan *Spectrochimica Acta Part A* 74(2009)1229-1234.
2. FTIR Spectroscopy: A usefull tool for structural determination of Polyaniline and its nanocomposites, J. Juliet Latha Jeyakumari, **A. Yelilarasi**, B. Sundaresan, V. Dhanalakshmi, R. Anbarasan *Polymer and polymercomposites* Vol 17, no7, 2009.
3. Chemical synthesis of poly(aniline-co-o/m-toluidine)/V₂O₅ nano composites and Their characterizations J. Juliet Latha Jeyakumari, **A. Yelilarasi**, B. Sundaresan, V. Dhanalakshmi, R. Anbarasan *Synthetic Metals* 160 (2010) 2605–2612.
4. Catalytic activity of V₂O₅ on aniline polymerization and the study of structural properties of poly(aniline)/V₂O₅ nanocomposite , **A.Yelil Arasi**, J. Juliet Latha Jeyakumari, B.Sundaresan, V.Dhanalakshmi, R.Anbarasan *e-Polymers* 2010, no. 088,1.
5. Synthesis and characterisations of poly(aniline-co-o/m-toluidine)/Sb₂O₃ nanocomposites, **A. Yelil Arasi**, J. Juliet Latha Jeyakumari, B. Sundaresan, V. Dhanalakshmi, R. Anbarasan, *Micro&NanoLetters*,2010,Vol.5,Iss.4,pp.241–246.
6. Synthesis And Characterizations Of Poly(Aniline)/ Sb₂O₃ Nano Composite **A.Yelil arasi**, J.Juliet latha jeyakumari, B.Sundaresan, V. Dhanalakshmi and R.Anbarasan, *J. Chil. Chem. Soc.*, 56, No.1 (2011).

7. Synthesis and characterizations of nano sized MgO and its nano composite With poly(vinyl alcohol) S. Gandhi, P. Abiramipriya , N. Pooja , J. Juliet Latha Jeyakumari , **A. Yelil Arasi** , V. Dhanalakshmi , M.R. Gopinathan Nair , R. Anbarasan, Journal of Non-Crystalline Solids 357 (2011) 181–185.
8. Effect of nano sized clay and TiO₂ on the structure and thermal stability of poly(aniline-co-o-toluidine), J. Juliet Latha Jeyakumari, **A. Yelilarasi** and R. Anbarasan, Acta Physica Polonica 3516 Vol. 125 (2014).
9. Synthesis, Characterization and band gap energy of Poly(ε-caprolactone)/ Sr-MSA nano composite, L Kannammal, S Palanikumar, B Meenarathi, **A Yelilarasi** and R Anbarasan, Physics D: Applied Physics J. Phys. D: Appl. Phys. 47 (2014) 135109 (10pp).
10. The conducting polymer electrolyte based on polypyrrole-polyvinyl alcohol and its application in low-cost quasi-solid-state dye-sensitized solar cells K. M. Manikandan1 & **A. Yelilarasi** & P. Senthamaraikannan & S. S. Saravanakumar & Anish Khan Journal of Solid State Electrochemistry (2018) 22:3785–3797 <https://doi.org/10.1007/s10008-018-4070-4>
11. A study on optical limiting properties of Eosin-Y and Eriochrome Black-T dye-doped poly(vinyl alcohol) composite film. INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION 2019, VOL. 24, NO. 4, 326–333 <https://doi.org/10.1080/1023666X.2019.1596366> M. Manikandan1 & **A. Yelilarasi** & P. Senthamaraikannan & S. S. Saravanakumar & Anish

Publications in National Journals

1. Characterization of Titania nanoparticles, M.Hema, **A.Yelil Arasi**, P.Tamilselvi and R.Anbarasan, International journal of Nanotechnology and Applications 6(2012) 202-206.
2. Synthesis and Characterizations of poly(benzidine) and Poly(O-Toluidine) Nano composites-A Comparative study, J. Juliet Latha Jeyakumari, **A. Yelilarasi** and R. Anbarasan, Indian Journal of Science 1(2012)2,105-112.
3. Titania Nano particles synthesized by Sol-Gel Technique, M.Hema, **A.Yelil Arasi**, P.Tamilselvi and R.Anbarasan, Chemical Science Transaction 2(1) (2013), 239-245.
4. Synthesis of hierarchical structured MgO by sol-gel method, Ponnaiah Tamilselvi, **Arunagiri Yelilarasi** ,Muthusamy Hema, Ramasamy Anbarasan, Nano bulletin vol2 no1 130106 April(2013).

5. Synthesis and characterization of SiO₂ nanoparticles by sol-gel process, **Yelil Arasi A**, Hema M, Tamilselvi P, Anbarasan R, Indian Journal of Science, 2012, 1(1), 6-10.
6. Synthesis, characterisation and non-isothermal degradation kinetics of novel poly(monoethyleneglycoldimethacrylate- co-4-aminobenzoate A Jancirani, V Kohila, B Meenarathi **A Yelilarasi** and R Anbarasan) Bulletin of Material Science ., Vol. 39, No. 7, December 2016, pp. 1725–1733 Indian Academy of Sciences
DOI 10.1007/s12034-016-1314-8

Research work Published in Conference Proceedings

- 1) Ultrasonical Assisted Sol-Gel Synthesis And Characterization Of MgO Nanoparticles: A.Yelil arasi, M.Hema, P.Tamilselvi, R.Anbarasan - Second International Conference on Advanced Materials Processing and Characterization (**AMPC 2013**), Anna University, Chennai: 6- 8 Feb 2013. **ISBN: 978-81-8424-819-7**.
- 2) Synthesis and characterization of cost effective SiO₂ nanoparticles, A.Yelil arasi, M.Hema, P.Tamilselvi, R.Anbarasan - International conference of Advanced Materials (**ICAM 2012**), Loyola College, Chennai: 5-7 January, 2012. **ISBN No: 9-788190-949019**).
- 3) Enhancement of the Conductivity of the Polymer Electrolyte by Nano Al₂O₃ K. M. Manikandana, B. Sundaresanb, **A. Yelilarasi**, International Journal of Engineering Research & Technology (IJERT) page 18 NSNMN-2015 Conference Proceedings
- 4) The Role of Nanotio₂ on the Physical and Chemical Properties of Poly (Aniline) K.M. Manikandan, A. Yelil Arasia, R. Anbarasan NSNMN-2015 Conference Proceedings.
- 5) Non Isothermal Degradation Kinetics of Poly (monoethyleneglycol dimethacrylate-co-4-aminobenzoate) A.Jancirani B. Meenarathi, **A.Yelilarasi** and R.Anbarasan Recent Advances in Materials and Chemical Sciences Department of Chemistry The Gandhigram Rural Institute Dec14-15 2015 ISBN no 978-93-85477-46-1 page no 104.
- 6) Recent Trends in Material Science And Applications 29th Feb 2016 Post Graduate department of Physics Jamal Mohamed College Trichi, “Photovoltaic and stability of PPy doped bcarbon block /ppy polymer based dye sensitized Solarcell ” **K.M.Manikandan, A.Yelilarasi**
- 7) Structural And Thermal Characterization Of Poly (Ani-Co-O-Toluidine/M-Toluidine) / As₂O₃ Nanocomposites J.Juliet Latha Jeyakumaria, **A.Yelilarasi**, B. Sundaresanc and R.Anbarasan,

International Journal of Technical Research and Applications e-ISSN: 2320-8163, www.ijtra.com Special Issue 38 (February, 2016), PP. 35.

- 8) Thermal and Structural Property of Poly (Aniline)/Clay and TiO₂ nano composites, **A.Yelil Arasi**, J. Juliet Latha Jeyakumari, B. Sundaresan and R.Anbarasan, International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Special Issue | REDEEMS-17 , February 2017.
- 8) Effect of TiO₂ on Chemically synthesized Polymer blend Electrolytes (PVA-PANI) J.Juliet Latha Jeyakumari^{1*}, **A. Yelilarasi**, D. Moonru Ugam Kondal, M. Stephy Mary , T.Vandi Malachi Special Issue Published in International Journal of Trend in Research and Development (IJTRD),19th Feb 2018

Research papers presented in National Conferences

1. National Level Seminar on Recent trends in Physics present the paper entitled “Laser in Industrial Application Review “**A.Yelilarasi** at St.Joseph College, Trichy. 27-01-2005to 28-01-2005
2. Twelfth National Convention on Electrochemists Thiagarajar College of Engineering, Madurai. 18-02-2005 to 19-02-2005 Paper entitled Non Renewable energy sources A Review **A.Yelilarasi**
3. National Level Seminar on Applications of Electronics Dept.of Physics, V.V.Vanniaperumal .College For Women, Virudhunagar 24-07-2005 to 25-07-2005.paper entitled Applications of Electronics in Non conventional energy system **A.Yelilarasi** A review
4. National Seminar on Energy and Environment Dept.of Chemistry, V.V.Vanniaperumal .College For Women, Virudhunagar13-09-2005 to 15-09-2005. Solar Energy Applications **A.Yelilarasi** A review
5. National Seminar on Applications of Nanotechnology Dept. of Physics, V.V.V.College for Women, Virudhunagar. 21-09-2006 Synthesis and Characterization and Applications

of Poly aniline nano composites **A.Yelilarasi** J,Juliet Latha Jeyakumari and R.Anbarasan B.Sundaresan

6. National Seminar on Recent Trends in Polymer Chemistry Dept. of Polymer Technology, KCET, Virudhunagar12-10-2006.Catalytic activity of nano sized particle on Chemical polymerization on Aniline **A.Yelilarasi** J,Juliet Latha Jeyakumari and R.Anbarasan B.Sundaresan
7. State Level Conference on Nano Technology Dept. of Physics, S.F.R. College, Sivakasi. 06-03-2007 to 07-03-2007The synthesis and Characterization of Poly Aniline Nano composites **A.Yelilarasi** J,Juliet Latha Jeyakumari and R.Anbarasan B.Sundaresan
8. National Seminar on Advances in Materials Science(NSAMS-2008) Dept. of Physics, M.S.University, Tirunelveli 04-02-2008 to 05-02-2008.The Effect Of Nano nano sized As_2O_3 on the structural property relationship on PANI **A.Yelilarasi** J,Juliet Latha Jeyakumari and R.Anbarasan B.Sundaresan
9. National Seminar on Advances in Materials Science(NSAMS-2008) Dept. of Physics, M.S.University, Tirunelveli 04-02-2008 to 05-02-2008Synthesis and Charecterization of Copolymer Nano composites J,Juliet Latha Jeyakumari **A.Yelilarasi** and R.Anbarasan B.Sundaresan
10. National Level Conference on Recent Trends in Polymers-08 Dept. of Polym.Tech., KCET, Virudhunagar21-02-2008.The role of V_2O_5 nano material on PANI **A.Yelilarasi** J,Juliet Latha Jeyakumari and R.Anbarasan B.Sundaresan
11. International Conference on Materials Science Research and Nanotechnology, ICMSRN-2008 Dept. of Physics, MTWU, Kodaikanal. 27-02-2008 to 29-02-2008Synthesis And Chacterizations Of Copolymer Nano Composites J,Juliet Latha Jeyakumari and **A.Yelilarasi** R.Anbarasan B.SundaresanV.Dhanalakshmi
12. International Conference on Materials Science Research and Nanotechnology, ICMSRN-2008 Dept. of Physics, MTWU, Kodaikanal. 27-02-2008 to 29-02-2008 Effect of Nano Sized Arsenic Oxide on the Structure property relation ship on Poly (Aniline) **A.Yelilarasi** J,Juliet Latha Jeyakumari and R.Anbarasan B.Sundaresan

13. National Symposium on Polymers-Prospects and Challenges. 04-04-08 to 05-04-08
Polymer Science and Technology Laboratory NITC, Effect of Nano materials on the
Structural property relation ship on PANI **A.Yelilarasi** J, Juliet Latha Jeyakumari and
R.Anbarasan B.Sundaresanv.Parthasarathy Calicut Kerala.
14. National Level Seminar Solar Energy Technologies in food Processing and Food
Preservation V.V. Vanniaperumal College for Women, Virudhunagar 01.02.2008.Solar
energy For Dhall Processing A review **A,Yelilarasi**
15. National Seminar on the Roll of Chemistry in Environmental protection 4&5 Aug 2008
at V.V.Vanniaperumal College For Women Department of Chemistry. Role of Nano
Material on Li Rechargable Bateries **A.Yelilarasi** and R.Anbarasan Aruna Asan
16. National seminar on material Science 16 -03-2009 16-17 2009(NSAMS-2009) At M.S.
University Thirunelveli Effect of AS₂O₃ on the thermal and electrical property on
conducting polymer **A.Yelilarasi** J, Juliet Latha Jeyakumari and R.Anbarasan
B.Sundaresan.
17. National symposium on Emerging Concept and trends in Bioinorganic chemistry National
Engineering College KovilPatti 24-2-2011 25-2-2011 Synthesis and Charecterization of
PANI/TiO₂ nano Composites **A.Yelilarasi** J, Juliet Latha Jeyakumari and R.Anbarasan
B.Sundaresan.
18. National Conference On Recent Trends in Nanotechnology KCET, Polymer dept 11-3-
2011 The structural and Thermal Charecterization of Poly Aniline /TiO₂ nano composites
A.Yelilarasi J. Juliet jeya jumari, R.Anbarasan, B.Sundaresan
19. National Seminar in Recent trends in chemistry. V. H.N.S.N.College VNR27&28-7-
2011 Catalytic activity of nanomaterials on PANI **A.Yelilarasi** J. Juliet jeya
jumari, R.Anbarasan, B.Sundaresan
20. National Seminar in Irradiation techniques in Science, Engineerng and Medical field
KCET, Polymer dept Ultrasound Assisted SolGel Synthesis of SiO₂ nano particle
A.Yelilarasi. M.Hema P.Tamilselvi , R.Anbarasan KCET 29-2-2012

21. National conference on Nanomaterials (**NCN 2012**) Karunya University, Coimbatore: 3-4 Dec 2012. Synthesis and Characterization of cost effective SiO₂ nano Particles
A.Yelilarasi, M.Hema P. Tamilselvi, R. Anbarasan
22. National conference in Nano technology Nano India 2013, Synthesis and Characterization of Novel Silica and Magnesia nano particles
P. Tamilselvi, **A.Yelilarasi**, M.Hema, R. Anbarasan CSIR-NIIST, Trivandrum: 19-20 Feb 2013.
23. National conference in Modern trends in Chemistry MTC II PSNA college 24 & 25 July 2014 Michael Addition Polymerization of Mono ethylene Glycol Diacrylate with Aniline Jancirani, **A.Yelilarasi** R. Anbarasan
24. National seminar on Recent trends in Novel Materials For Technical Applications K.L.N College Sivagangai Michael Addition Synthesis and Characterization of Semiconducting nano polymer A. Jancirani, **A.Yelilarasi**, R. Anbarasan 18 & 19 Sep 2014
25. National seminar on New materials and Nano Technology, Heera College of Engineering and Technology 16-17 Jan 2015 Trivandrum Kerala The Role of nano TiO₂ on the Physical and Chemical properties of PANI **A.Yelilarasi**, K.M. Manikandan R. Anbarasan
26. National seminar on New materials and Nano Technology, Heera College of Engineering and Technology 16-17 Jan 2015 Trivandrum Kerala Enhancement of the conductivity of polymer electrolyte by of nano Al₂O₃ **A.Yelilarasi**, K.M. Manikandan R. Anbarasan
27. National conference on Advanced Materials and Application Hindustan University Chennai 29-30-1-2015 Preparation and Characterization of PMMA-PVC and lithium bromide Polymer blend electrolytes K.M. Manikandan **A.Yelilarasi** B. Sundaresan
28. DST Sponsored Two day National conference on Recent Frontiers In Bioinorganic And Medicinal Chemistry (RFBMC-NOV2015) Sree Sowdambika College of Engineering Department of Science and Humanities Non – Isothermal Degradation Kinetics of Poly (monoethylene glycol Dimethacrylate –CO-4-Aminobenzoate)/Ag nanoparticles A. Jancirani, **A.Yelilarasi** R. Anbarasan

29. Kudankulam Sponsored one day National Seminar on Nuclear Energy For Future Generations 26th Feb 2016 Department of Physics Kamaraj College Of Engineering and Technology, Vnr XRD Pattern of green synthesized novel Co –polymer nanocomposite with incorporated Ag NP A.Jancirani, **A.Yelilarasi**, R.Anbarasan

30. Kudankulam Sponsored one day National Seminar on Nuclear Energy For Future Generations 26th Feb 2016 Department of Physics Kamaraj College Of Engineering and Technology, Vnr Ultrasonic irradiated PPY doped with carbon black /PVA solid polymer electrolytes based dye sensitized Solar cell. **A.Yelilarasi** ,K.M.Manikandan

31. UGC sponsored national seminar on recent advances in chemical research, 25th Jan 2017, Department of Chemistry, V.H.N.S.N College, Virudhunagar, Kinetics of Non isothermal degradation kinetics of poly(monoethylene glycol dimthacrylate- co- anthranilic acid), A.Jancirani, **A.Yelilarasi**, R.Anbarasan.

32. UGC-SAP DRSII Sponsored National conference on Energy Materials 2018 June 28 & 29 Department of Physics M.S.University Thirunelveli composite polymer electrolytes for dye sensitized solar cells **A.Yelilarasi** ,K.M.Manikandan.Pandaram

Research papers presented in INTERNATIONAL CONFERENCE

1. Synthesis and Characterization of copolymer nanocomposite, J.Juliet Latha Jeya kumari, **A.Yelilarasi**, B.Sundaresan, V.Dhanalakshmi, R. Anbarasan - International Conference on Materials Science Research and Nanotechnology, ICMSRN 2008, Dept. of Physics, MTWU, Kodaikanal 27-02-2008 to 29-02-2008.
2. Effect of Nano sized arsenic oxide on the structure property relationship of Poly(aniline), **A.Yelilarasi**, J.Juliet Latha Jeya kumari, B.Sundaresan, V.Dhanalakshmi, R. Anbarasan, Anbarasan - International Conference on Materials Science Research and Nanotechnology, ICMSRN 2008, Dept. of Physics, MTWU, Kodaikanal 27-02-2008 to 29-02-2008.

3. Synthesis and characterization of cost effective SiO₂ nanoparticles, **A.Yelil arasi**, M.Hema, P.Tamilselvi, R.Anbarasan - International conference of Advanced Materials (**ICAM 2012**), Loyola College, Chennai: 5-7 January, 2012. **ISBN No:** 9-788190-949019).
4. Ultrasonical Assisted Sol-Gel Synthesis And Characterization Of MgO Nanoparticles: **A.Yelil arasi**, M.Hema, P.Tamilselvi, R.Anbarasan - Second International Conference on Advanced Materials Processing and Characterization (**AMPC 2013**), Anna University, Chennai: 6- 8 Feb 2013. **ISBN:** 978-81-8424-819-7.
5. Michael Addition polymerization of monoethylene glycoldiacrylate with aniline A.Jancirani, **A.Yelilarasi**, R.Anbarasan - 5thInternational conference Perspective in Vibrational spectroscopy(ICOPVS2014) Mar Ivanius College Trivandrum 8-12 july 2014.
6. Non Isothermal Degradation Kinetics of Poly (monoethyleneglycol dimethacrylate-co-4-aminobenzenoate) A.Jancirani B. Meenarathi,**A.Yelilarasi** and R.Anbarasan, Recent Advances in Materials and Chemical Sciences Department of Chemistry The Gandhigram Rural Institute Dec14-15 2015 ISBN no 978-93-85477-46-1
7. Photovoltaic and stability of PPy doped bcarbon block /ppy polymer based dye sensitized Solar cell, K.M.Manikandan, **A.Yelilarasi**, Recent Trends in Material Science And Applications 29th Feb 2016 Post Graduate department of Physics Jamal Mohamed College Trichi.
8. "A comparative study on the Thermal kinetics of Co-Polymers of Poly (monoethylene)glycol di methacrylate A.Jancirani, **A.Yelilarasi** and R.Anbarasan, International conference on Functional material 7-10 Sep 2016 Center for Scientific and Applied Research PSN College of Engineering and Technology Trinelvei.
9. Photovoltaic studies on polymer electrolytes for DSSC, K.M.Manikandan, **A.Yelilarasi**, International seminar on materials science and applications, Department of Physics, Mother Theresa Women's University, Kodaikanal, Tamilnadu (25th Nov 2016).
10. Effect of imidazole content on polymer blend electrolytes for dye sensitized solar cells, K.M.Manikandan, **A.Yelilarasi**, International conference on renewable energy and

environment, Department of Physics, Sri Ramakrishna mission vidyalaya college of Arts and Science (Autonomous) Coimbatore (15-16th Dec 2016).

11. Aza-Michael addition synthesis and characterisation of poly(monoethylene glycol imethacrylate -co-dodecylamine A.Jancirani1, **A.Yelilarasi** , R.Anbarasan
International International seminar on Materials Science and Technology (ISMST2017)
Department of Physics Mother Theresa University Kodaikanal on 4/8/2017
12. Gamma ray Irradiated conducting polymer electrolyte for DSSC **A.Yelilarasi**
K.M.Manikandan International Seminar on new perspectives in Science and Technology (INPST – 2017) Department of chemistry St.Antony s College of Arts and Sciences for Women Dindigul 11th oct 2017
13. International conference on recent trends in Chemistry Vivekanaadha college Madurai Feb 2018 Aza Micheal addition synthesis and Characterization of poly mono ethylene glycol dimetha acrylata Co-1-4 ethyl amino benzene A.Jancirani1, **A.Yelilarasi** , R.Anbarasan
14. International Conference on Sustainable Development in Energy & Environment 18-20 July 2019 Department of Bio Technology Kamaraj College Of Engineering and Technology Conductivity behavior of Novel Quasi –Solid State Electrolyte For DSSC **A.Yelilarasi** K.M.Manikandan Pandaram

FDP/Seminar/workshop/Short Term Course Attended

1. Four day FDP program Conducted by Ma FOI Academy from 23/06/2009 to 26/6/2009 at Kamaraj College of Engineering & Technology
2. TEQIP II Sponsored Two day workshop on Physics in Engineering Organized by the Department Of Physics Thiagarajar College Of Engineering 5/11/2015 & 6/11/2015
3. Indian Science Academies Two day Lecture Workshop on Scope of Non linear Physics Organized by the Department Of Physics Fatima College Madurai on 5&6 Jan 2017

4. Two day Workshop on outcome based Education Organized by IQAC KCET on 27&28Jan 2017

5. One day Workshop on Nano materials and Characterization techniques organized by V.V.Vanniaperumal College of Women Virudhunagar Department Of Physics on 11th Jan 2018

6. One day Workshop on Magnetic Particle in Future Applications Organized by Mepco Schlenk Engineering College Sivakasi on 29/3/2019

Conference/Symposium/FDP/Seminar/workshop/Short Term Course

Organized

- Organized One Day KKNP Sponsored National Seminar on Nuclear Energy For Future Generation on 29/02/2016 organized by Department of Information Technology, Kamaraj College of Engineering and Technology, Virudhunagar
- Organized National Science Day For the First Year Students KCET 26/2/2019

Resource Person / Jury / Lectures Delivered

1) National seminar on Recent trends in Physics for M.Sc Physics department V.V.V college 18/8/2010 on the topic synthesis and Characterization of nano composite polymer

2) Association Meeting for M.Sc Physics and B.Sc Electronics Science V.V.V College on the topic Wonders in Physics, 31-7-2014

3) The Institution of Engineers Madurai zone sponsored ALL INDIA SEMINAR on “Application of Nano Materials on Solar Energy “on 9&10 March 2018 conducted by Mechanical department KCET on the Topic Preparation and Charecterization of Nano materials and ROLE OF NANO MATERIAL IN DYE SENSITIZED SOLAR CELLS

4) The Institution of Engineers Madurai zone sponsored ALL INDIA SEMINAR on “Energy Materials “on 5&6 Feb 2019 conducted by Mechanical department KCET on the Topic Non Renewable Energy Sources and Nano materials and nano composites for Solar cells

5) Five day workshop on “Working with Nano Materials” organized by the Department of Biotechnonology KCET from 2 /1/2019 to 6/1/2019 on the topics Synthesis and Applications of nano materials

- Judge – Intra Poly Technic Technical Symposium held at V.S.V.N Polytechnic College for the Technical paper presentation on 20/02/2018
- Judge –State level Technical Symposium held at V.S.V.N Polytechnic College for the Technical paper presentation on 09/03/2018
- Judge – Mini project Contest held at EEE department KCET on 15/07/2016

D.C Member

- A.Tamizh Selvi Full Time Scholar Center in Research ,Department Of Physics KCET under the Guidance of Dr.M.Hema during the period 2013-2017
- Mrs.C.T.Anuradha Part time Scholar in Mepco Schlenk Engineering College Sivakasi under the guidance of Dr.B.Raji from 15/09/17

Awards/Recognition Received

Best research Paper Awards

- 1) National seminar on Non Conventional Energy Systems, Thiagarajar College of Engineering, Madurai, on 18 & 19-02-2005
- 2) National Conference on Recent Trends in Nanotechnology KCET , Polymer department On 11-3-2011
- 3) National Conference on New materials and Nanotechnology, Heera College Of Engineering and Technology Department of Physics, Trivandrum On 15&16 Jan 2015.
- 4) National Conference on Energy Material Gandhigram Rural Institue Dinigul 2&3/1/2019

Recognition

- 100% Result in Engineering Physics II for IB.E EIE Anna University Examination 2013-14

- OXFORD University Press recognized for reviewing the content and providing the quality inputs for Engineering Physics book prescribed by Anna University

Membership

- ISTE Member

Certification

Cambridge English Entry Level Certificate

Subject Expert

- Engineering Physics
- Physics For Electronics Engineering
- Physics for Information Science
- Physics for Civil Engineering
- Fundamental Of Nano Science

Industrial Visit

- Anu World Solar Power Plant Dealer Madurai on 20/11/2013
- Kudam kulam Nuclear Power Plant 5/11/7/2014
- National Institute Of Wind Energy Kayathar 20/09/2016
- Geo Magnetic Center Equatorial Geophysical Research Laboratory, Tirunelveli8/2/2017