Faculty Profile

Name : **SAKTHI SUDAR SARAVANAN R**

Designation : **Assistant Professor of Physics**

Address : Chikkanna Government Arts College,
Tiruppur, Tamilnadu - 641602
India.

Contact Number : Mobile : +91 9443483449
Resi. : 04651 270664

Email ID : **rsakthiss@yahoo.com ; rsakthiss@cgac.in**

Date of Joining in Collegiate Education : 31.07.2015

Date of Joining in the Present College : 31.07.2015

Academic Profile :

Degree	Institute/College	University	Period
B.Sc.	Vivekananda College, Kanyakumari	Manonmanium Sundaranar University, Tirunelveli	1992 - 1995
M.Sc.	V.H.N.S.N College, Virudhunagar	Madurai Kamaraj University, Madurai	1995 - 1997
M.Phil.	Scott Christian College, Nagercoil	Manonmanium Sundaranar University, Tirunelveli	2001 - 2002
Ph.D.	S.T. Hindu College, Nagercoil	Manonmanium Sundaranar University, Tirunelveli	2004 - 2010

Teaching Experience :

i) **Total** : **19 Years 8 Month**
ii) **UG** : **19 Years 8 Month**
iii) **PG** : **15 Years 8 Month**

Name of the college	Position held	Period
Tamilnadu Government Collegiate Education Service	Assistant Professor of Physics	2015 till date
Satyam College of Engineering and Technology, Nagercoil	Associate professor & Head of Physics	2010 – 2014
Sun College of Engineering and Technology, Nagercoil	Assistant professor of Physics	2008 – 2010
Sun College of Engineering and Technology, Nagercoil	Lecturer in Physics	2004 – 2008

Honors and Research Awards : Received Best Paper Award for ‘Green Nanosynthesis’ at National conference held in Government arts college, Ooty.

Field of Interest :

i) **Teaching** : Electronics, Solid State Physics, Nuclear Physics

ii) **Research** : Material Science, Nanotechnology – Semiconductor nanoparticle synthesis, Thin film, Crystal Growth and Characterization.

iii) **Proficiency in instrumentation** : UV-Vis-NIR Spectrometer, Impedance Analyzer, Photoluminescence Spectrometer, Hall-Effect Instrument, Bandgap four probe setup

Research Guidance
Guidance Number :03876/A2/2016 18/03/2016 (Bharathiar University)

S. No	M.Phil/Ph.D	Name of the Student	Thesis Title	Completed/ongoing
1.	M.Phil.	VENKATESHWARI P		Completed
2.	Ph.D.	VALLIYAMMAL K		ongoing
3.	Ph.D.	SHARON SOPHIA V		ongoing
4.	Ph.D.	KANAGA P		ongoing
5.	Ph.D.	KASTHURI D.		ongoing

Funded Projects : Nil
Membership in Professional Bodies :

S. No	Name of the Professional Body	Membership Detail with Number
1.	Indian Society for Technical Education	Life member - LM

Research Publications : (Refer Annexure – I)

i) Research Papers : 18
ii) Book/Book Chapters : 2
iii) Patent : Nil

National and International Conferences : (Refer Annexure – II)

i) Participated **: 12**
ii) Paper Presented **: 08**
iii) Poster Presented **: 14**

Conference/Seminars Organized :

Workshop attended : 1

1. National programme on technology enhanced learning workshop conducted by IIT Madras.

Resource Person/Invited Lectures :

Faculty Development Programs Attended :

Course	University/Institute	Subject	Period
Orientation Programme	UGC – Human Resource Development Centre, Bharathiar University		16.12.2016 – 12.01.2017
Refresher Course	UGC – Human Resource Development Centre, Bharathiar University	Physics	23.11.2018 – 13.12.2018
Refresher Course	Teaching Learning Centre, Ramanujan College, University of Delhi	Advanced Research Methodology	20.08.2021 – 03.09.2021
Refresher Course	Teaching Learning Centre, Ramanujan College, University of Delhi	Physics	31.10.2022 – 14.11.2022

Academic Activities :

i) Subject Handled

UG: Mechanics, Properties of matter and Sound, Heat and Thermodynamics, Atomic Physics and Spectroscopy, Instrumentation, Mathematical Physics, Solid State Physics, Nuclear Physics, Allied Physics, Engineering Physics, General Lab, Electronics Lab, Digital and microprocessor Lab and Allied Lab

PG: Electronic Devices and Circuits, Physics of Non-conventional Energy Resources, Advanced Computational Physics, Nuclear and Particle Physics, Thermodynamics and Statistical Mechanics, Astronomy & Cosmology, Materials Science, Electronic Circuits Lab and Special Electronics Lab**.**

ii) Mentor

UG: I – B.Sc., Physics (2015-2016 & 2020 - 2021); II – B.Sc. Physics (2016 – 2017 & 2021 - 2022); III – B.Sc. Physics (2017-2018 & 2022 - 2023),

PG: I – M.Sc., Physics (2018-2019 & 2023 - 2024); II – M.Sc. Physics (2019 – 2020);

iii) Special Coaching **:** Remedial Classes

iv) Student Community Beneficial Activities :

v) Co-curricular and extra curricular activities

Professional Activities **:**

i) Reviewer **:** 20+
ii) Board of Studies/UR **:** Anna University Representative (2008-2013)
iii) Examiner/Scrutiny **: Examiner:** Bharathiar University, Anna University, NI University (Deemed)
Scrutiny: Periyar University
iv) Senate/Syndicate **:** Nil

National/ International Collaborators **:** Nil

Reviewer for the Journals

a) International Journal of Hydrogen Energy (Publisher: Elsevier)
b) Journal of Nanoparticle Research (Publisher: Springer)
c) Nano Energy (Publisher: Elsevier)
d) Journal of Alloys and Compounds (Publisher: Elsevier)
e) Colloid and Polymer Science (Publisher : Springer)
f) Journal of Physics and Chemistry of Solids (Publisher : Elsevier)
g) Journal of materials Science (Publisher : Springer)
h) Journal of Collides and Interface Science (Publisher : Elsevier)
i) Journal of Material Chemistry and Physics (Publisher : Elsevier)
j) Superlattices and Microstructures (Publisher : Elsevier)
k) Optical Materials (Publisher : Elsevier)
l) Materials Performance and Characterization (Publisher : ASTM International)

Annexure – I

Papers Published In International Journals

1. C.K. Mahadevan and ***R.S.S.Saravanan***, 'Nucleation parameters of pure and impurity added $MgSO_4.7H_2O$ single crystals', Journal of Materials and Manufacturing Processes, **22** (2007) 357 – 361. Publisher: Taylor & Francis; ***Impact Factor: 4.8. doi: doi.org/10.1080/10426910701190782***

2. ***R. Sakthi Sudar Saravanan,*** D. Pukazhselvan and C. K. Mahadevan, 'Studies on synthesis and characterization of $Zn_{(1-x)}Cd_xS$ and $Zn_{(1-x)}Cd_xS:Mn^{2+}$ semiconductor quantum dots' Philosophical Magazine, **91** (2011) 389-403. Publisher: Taylor & Francis; ***Impact Factor: 1.948. doi: 10.1080/14786435.2010.522214***

3. ***R. Sakthi Sudar Saravanan***, D. Pukazhselvan and C. K. Mahadevan, 'Investigation on the synthesis and quantum confinement effects of pure and Mn^{2+} added $Zn_{(1-x)}Cd_xS$ nanocrystals', Journal of Alloys and Compounds, **509 (**2011) 4065-4072. Publisher: Elesvier; ***Impact Factor: 6.371. doi:10.1016/j.jallcom.2010.12.198***

4. ***R. Sakthi Sudar Saravanan***, D. Pukazhselvan and C. K. Mahadevan, 'Studies on the synthesis of cubic ZnS quantum dots, capping and optical–electrical characteristics'**,** Journal of Alloys and Compounds, **517 (**2012) 139-148. Publisher: Elesvier; ***Impact Factor: 6.371. doi: 10.1016/j.jallcom.2011.12.060***

5. ***R. Sakthi Sudar Saravanan*** and C. K. Mahadevan, 'Photoluminescence and electrical impedance measurements on alloyed $Zn_{(1-x)}Cd_xS$ nanocrystals'**,** Journal of Alloys and Compounds, **541 (**2012) 115-124. Publisher: Elesvier; ***Impact Factor: 6.371. doi: 10.1016/j.jallcom.2012.06.048***

6. M. Priya, ***R. S. S. Saravanan*** and C. K. Mahadevan, 'Novel Synthesis and Characterisation of CdS Nanoparticles', Energy Procedia **15** (2012) 333 – 339. Publisher: Elesvier; ***Impact Factor: 2.3. doi: 10.1016/j.egypro.2012.02.040***

7. D. Pukazhselvan, ***R. Sakthi Sudar Saravanan*** and T. P. Yadav, 'Towards Sustainable Green Energy development and Insights on Few Scientific Problems Leading to Less Carbon Economy', Reviews in Advanced Sciences and Engineering **1** (2012) 302-318. Publisher: American Scientific publishers. **doi: 10.1166/rase.2012.1019**

8. ***R. Sakthi Sudar Saravanan***, M. Meena, D. Pukazhselvan and C. K. Mahadevan, 'Structural, optical and electrical characterization of Mn^{2+} and Cd^{2+} doped/co-doped PbS nanocrystals', Journal of Alloys and Compounds, **627 (**2015) 69-77. Publisher: Elesvier; ***Impact Factor: 6.371. doi: 10.1016/j.jallcom.2014.12.008***

9. D. Pukazhselvan, Nivas Babu Selvaraj, Igor Bdikin, **R. Sakthi Sudar Saravanan**, Suresh Kumar Jakka, M. J. Soares, Duncan Paul Fagg, 'Unique dielectric features of a ceramic-semiconductor nanocomposite $MgNb_2O_6 + 0.25Zn_{0.5}Cd_{0.5}S$', Applied Surface

Science, **424** (2017) 127-131. Publisher: Elesvier; ***Impact Factor: 6.7. doi:*** ***10.1016/j.apsusc.2017.01.124***

10. P. Gowdhaman, V.N. Praveen, **R. Sakthi Sudar Saravanan**, P. Venkateswari, Haresh M. Pandya, 'Facile synthesis of undoped and Sn doped CdS nanoparticles for dye-sensitized solar cell applications', Optical Materials **120** (2021) 111465. Publisher: Elsevier; ***Impact Factor: 3.9.*** **doi:** ***10.1016/j.optmat.2021.111465***

Papers Published In National Journals

1. M Meena, C. K. Mahadevan, **R. Sakthi Sudar Saravanan,** VN Praveen, 'Effect of Added Impurities on the Properties of LAHCL Single Crystals', International Journal of Macro and Nano Physics 1 (1), 2016, 12-18. **doi: 10.18831/djphys.org/2016011002**

2. VN Praveen, **R. Sakthi Sudar Saravanan**, M Meena 'Growth and Characterization of Pure and Metal Halides Doped Acetoacetanilide Single Crystals', International Journal of Macro and Nano Physics 1 (1), 2016, 19-32. **doi: 10.18831/djphys.org/2016011003**

3. P Gowdhaman, **R. Sakthi Sudar Saravanan**, V Annamalai, Haresh M Pandya 'Poling Effect and Temperature on Electrical Behaviour of PZT-Polymer Composites with 0-3 Connectivity', International Journal of Macro and Nano Physics 1 (2), 2016, 1-7. **doi: 10.18831/djphys.org/2016021001**

4. P. Gowdhaman, R. Sakthi Sudar Saravanan, T. Venkatesan, Haresh M. Pandya, 'Wide Band Gap Semiconductor Alloy Nanomaterials for Potential Applications – A Future Perspective Approach', J. Environ. Nanotechnol., Vol. 7 (1), 2018, 37-40. DOI: **https://doi.org/10.13074/jent.2018.03.181299**

5. P. Gowdhaman, R. Sakthi Sudar Saravanan, Haresh M. Pandya, 'Facile Solvothermal Synthesis and Characterization Studies of Pure and Pb Doped Cadmium Sulfide Nanoparticles for Potential Photovoltaic Applications', J. Environ. Nanotechnol., Vol. 10 (1), 2021, 19-24. DOI: **https://doi.org/10.13074/jent.2021.03.211430**

Papers Published in Proceedings

1. ***R. Sakthi Sudar Saravanan*** and C.Mahadevan, 'A study on the preparation of II -VI compound nanocrystals in solutions', Proceedings of International Workshop on Crystal Growth and Characterization of Technologically Important Materials, February 24-28, 2004, Crystal Growth Centre, Anna University Chennai – 25.

2. ***R. Sakthi Sudar Saravanan***, M.Meena and C.K. Mahadevan, 'Electrical studies on alloyed $Zn_{(1-x)}Cd_xS$ nanocrystals', Proc. Intl. Conf. Advanced Materials (2012), 34-38.

3. ***R. Sakthi Sudar Saravanan***, M.Meena and C.K. Mahadevan, 'Effect of NaOH on the structural and electrical properties of α-Fe_2O_3 nanoparticles', Proc. of the First National Seminar on new Materials Research and Nanotechnology (2012), 356-360.

4. ***R. Sakthi Sudar Saravanan***, M.Meena, A. Sundar and C.K. Mahadevan, 'Synthesis and optical properties of ZnS nanocrystals doped with Cu^{2+} and Ni^{2+}', Proc. of the First National Seminar on new Materials Research and Nanotechnology (2012), 388-392.

5. M.Meena, ***R. Sakthi Sudar Saravanan*** and C.K. Mahadevan, 'Effect of added nanoparticles on the properties of ADP-KDP mixed crystals', Proc. of the First National Seminar on new Materials Research and Nanotechnology (2012), 383-387

6. R. Sakthi Sudar Saravanan, M.Meena and C.K. Mahadevan, 'Synthesis of silver nanoparticles from plant extract', Proc. of the Second National Seminar on new Materials Research and Nanotechnology (2013), 383-386.

7. M.Meena, R. Sakthi Sudar Saravanan and C.K. Mahadevan, 'Influence of Annealing temperature on the properties of SnO2 nanoparticles', Proc. of the Second National Seminar on new Materials Research and Nanotechnology (2013), 378-382.

Papers Published in Proceedings

1. **Engineering Physics Laboratory Manual - I:** Engineering Physics Laboratory Manual by P. Sheik Mujabar and R. Sakthi Sudar Saravanan, Published by Virutcham Publications. Ltd., India.

2. **Engineering Physics Laboratory Manual - II:** Engineering Physics Laboratory Manual by P. Sheik Mujabar and R. Sakthi Sudar Saravanan, Published by Virutcham Publications. Ltd., India.

Annexure – II

Papers presented in National/International Conferences

1. ***R. Sakthi Sudar Saravanan,*** S.Karpagavalli and C.Mahadevan, 'Nucleation parameters of $MgSO_4.7H_2O$ single crystals added with urea and thiourea', Ninth National Seminar on Crystal Growth, 24-26, February 2003, Crystal Growth Centre, Anna University, Chennai. (Paper No. S-13; Page 28 in Abstract Book)

2. ***R. Sakthi Sudar Saravanan*** and C.Mahadevan, 'Dielectric measurements on ZnS and CdS nanocrystals', XXXIII National Seminar on Crystallography, 8-10 January 2004, National Chemical Laboratory, Pune. (Paper No. P 128; Page 239 in Abstract Book)

3. S.L.Sugitha Jose, C.P.Glory, ***R. Sakthi Sudar Saravanan*** and C.Mahadevan, 'Nucleation parameters of $MgSO_4.7H_2O$ single crystals added with KBr and Glycine, XXXIII National Seminar on Crystallography, 8-10 January 2004, National Chemical Laboratory, Pune. (Paper No. P 140; Page 252 in Abstract Book)

4. V.N.Praveen, ***R. Sakthi Sudar Saravanan,*** T.Asai Thambi and C.Mahadevan, 'FT-IR spectral analyses of pure and doped ZTS single crystals', UGC sponsored National Seminar on Modern trends in Applied Spectroscopy (NASMTAS-2004), 25th & 26th March-2004, Physics Section, Faculty of Engineering & Technology, Annamalai University, Annamalainagar-628002. (Paper No. E-1; Page 47 in Abstract Book)

5. V.N.Praveen, ***R. Sakthi Sudar Saravanan*** and C.Mahadevan, 'Lattice variation and thermal parameters of ZTS crystals added with urea', Tenth National Seminar on Crystal Growth, January 27-29th 2005, Kongu Engineering College, Erode-52. (Abstract No:73, Page 73 in Abstract book)

6. V.N.Praveen, ***R. Sakthi Sudar Saravanan*** and C.Mahadevan, 'Lattice Variation and thermal parameters of ZTC crystals added with urea', Symposium on Nonlinear Optical Crystals and Modelling in Crystal Growth, 28 February-1 March 2005, Dept. of Physics, Anna University, Chennai-25

7. ***R. Sakthi Sudar Saravanan*** and C.K Mahadevan, 'Nucleation Parameters of pure and impurity added $MgSO_4.7H_2O$ single crystal', UGC sponsored National Conference on Preparation and Characterization of Crystalline Materials, PADIKA 2006, January 19-21, 2006, Physics Research Centre, Department of Physics, S.T.Hindu College, Nagercoil -629 002, Tamilnadu, India. (Paper No. CP-70; Page 93 in Abstract Book)

8. ***R. Sakthi Sudar Saravanan,*** V.N. Praveen, M. Priya and C.K Mahadevan, 'Synthesis and Characterization of $Cd_{(1-x)}Zn_xS$', A Theme Symposium on "Materials for Energy Generation, Conservation and Storage" (MRSI-AGM 2007) February 12-14, 2007, Materials Research society of India (MRSI) and National Physics Laboratory (NPL), New Delhi. (Paper No. B-21; Page 64 in Souvenir & Abstracts Book)

9. V.N. Praveen, ***R.Sakthi Sudar Saravanan*** and C.K Mahadevan, 'Lattice and Thermal parameters of ZTS single Crystals Added with some Divalent Impurities', A Theme Symposium on "Materials for Energy Generation, Conservation and Storage" (MRSI-AGM 2007) February 12-14, 2007, Materials Research society of India (MRSI) and

National Physics Laboratory (NPL), New Delhi. (Paper No. I-15; Page 216 in Souvenir & Abstracts Book)

10. ***R. Sakthi Sudar Saravanan,*** M.Priya and C.K Mahadevan, 'Studies on Solvothermally Prepared ZnS Nanocrystals', National Conference on Recent Trends in Optoelectronics and Laser Technology (NCOL 2007), April 9-11, 2007, Department of Physics, University of Kerala, Thiruvananthapuram, Kerala. (Paper No. PP 40; Page 87 in Abstract Book)

11. V.N.Praveen, ***R. Sakthi Sudar Saravanan*** and C.Mahadevan, 'Studies on the electrical, mechanical, structural and optical properties of pure and doped Zinc thiourea sulphate (ZTS) single crystals', 12th National Seminar on Crystal Growth (NSCG-11), 21-23, December 2007, Centre for Crystal Growth, SSN College of Engineering, SSN Nagar – 603110, Tamil Nadu, India.

12. ***R. Sakthi Sudar Saravanan,*** V.N.Praveen, N. Vijayan, C. K. Mahadevan, 'Preparation and characterization analyses on pure and Mn^{2+} doped $Zn_{(1-x)}Cd_xS$ nanocomposites', 14th National Seminar on Crystal Growth (March 2010) held at SSN Engineering College, Chennai. India. (Paper No. O1; Page 32 in Abstract Book)

13. T. Thivya Bharathi, ***R. Sakthi Sudar Saravanan,*** D. Kathirvel and R. Balan, 'A novel approach to synthesis of $Zn_{0.95}Cu_{0.05}S$ quantum dots and its optical and electrical characteristics', DRDO sponsored National Conference on Emerging Sensor Devices, Materials and Technologies (NCESDMT-2017) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Paper No. OP 65; Page 22 in abstract Book)

14. M. Karthika, D. Kathirvel, ***R. Sakthi Sudar Saravanan*** and R. Balan, 'Structural and optical properties of pure and cu doped CdO nanocrystalline thin film', DRDO sponsored National Conference on Emerging Sensor Devices, Materials and Technologies (NCESDMT-2017) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 28 in abstract Book)

15. V. N. Praveen and ***R. Sakthi Sudar Saravanan***, 'Effect of Li ion on the growth and characterization of acetoacetanilide crystals', DRDO sponsored National Conference on Emerging Sensor Devices, Materials and Technologies (NCESDMT-2017) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 29 in abstract Book)

16. S. Karthik, ***R. Sakthi Sudar Saravanan***, R. Balan and D. Kathirvel, 'Synthesis of $Zn_{0.9}Pb_{0.1}O$ nanoparticles and their application in dye sensitized solar cells', DRDO sponsored National Conference on Emerging Sensor Devices, Materials and Technologies (NCESDMT-2017) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 38 in abstract Book)

17. K.Valliyammal, A. Kalavathi, **R.Sakthi Sudar Saravanan,** 'Structural, Magnetic And Dielectric Studies On $Bi_{1-X}la_xMnO_3$ Nanocrystaline Thin Film', National Seminar on "Current Innovations & Future Perspectives in Nanoscience and Technology (NSNST – 2019) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 13 in abstract Book)

18. Gowdhaman P, **Sakthi Sudar Saravanan R**, Venkatesan T, Haresh M Pandya 'Investigation on Microwave Synthesized $Zn_{(1-x)}Pb_xS$ Ternary Alloy Semiconductor Nanoparticle', National Seminar on "Current Innovations & Future Perspectives in

Nanoscience and Technology (NSNST – 2019) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 17 in abstract Book)

19. Priyadharshini R, **Sakthi Sudar Saravanan R '**Synthesis and Characterization Of Ternary Alloyed Cu0.5Mn0.5S Thin Film', National Seminar on "Current Innovations & Future Perspectives in Nanoscience and Technology (NSNST – 2019) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 40 in abstract Book)

20. Mythreye P, **Sakthi Sudar Saravanan R '**Structural and Optical Properties of Cu^{2+} And Ni^{2+} Doped ZnS Nonocrystalline Thin Films', National Seminar on "Current Innovations & Future Perspectives in Nanoscience and Technology (NSNST – 2019) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 41 in abstract Book)

21. Mathipriya M, **Sakthi Sudar Saravanan R '**Synthesis and Characterization of $Ni_{0.5}cd_{0.5}O$ Nanoparticles by Chemical Precipitation Method', National Seminar on "Current Innovations & Future Perspectives in Nanoscience and Technology (NSNST – 2019) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 56 in abstract Book)

22. Nithyapriya M S, Ramya G, **Sakthi Sudar Saravanan R '**Facile Synthesis and Characterization of pure and Sn doped Bismuth Oxide nanoparticles', National Conference on "Modern Innovations & Perspectives on Physical Sciences and (NCPST – 2020) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 33 in abstract Book)

23. Ramya G, Nithyapriya M S, **Sakthi Sudar Saravanan R '**Synthesis and Characterization of pure NiO and Alloyed $Ni_{0.9}Mn_{0.1}O$ Nanoparticles', National Conference on "Modern Innovations & Perspectives on Physical Sciences and (NCPST – 2020) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 33 in abstract Book)

24. Venkateswari P, **Sakthi Sudar Saravanan R '**Effect of Sn doping on the Structural, Optical and Electrical Properties of CdS Nanoparticles', National Conference on "Modern Innovations & Perspectives on Physical Sciences and (NCPST – 2020) held at Chikkanna Government Arts College, Tiruppur, Tamilnadu, India. (Page 44 in abstract Book)

Conferences / Seminars/ Schools/ Workshops Attended

1. DAE-BRNS National Laser Symposium-2002, 14-16, November 2002, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram.

2. Ninth National Seminar on Crystal Growth, 24-26, February 2003, Crystal Growth Centre, Anna University, Chennai.

3. Inter State Seminar on Recent Trends in Physics, 17th September 2003, Sree Ayyappa College for Women, Chunkankadai, Nagercoil.

4. Fourth Asian Meeting on Ferroelectrics (AMF4), 12 –15 December 2003, Indian Institute of Science, Bangalore, India.

5. XXXIII National Seminar on Crystallography, 8-10 January 2004, National Chemical Laboratory, Pune.

6. International Workshop on Crystal Growth and Characterization of Technologically Important Materials, February 24-28, 2004, Crystal Growth Centre, Anna University, Chennai, India.

7. UGC Sponsored National Seminar on Modern Trends in Applied Spectroscopy (NASMTAS-2004), 25th & 26th March-2004, Physics Section, Faculty of Engineering & Technology, Annamalai University, Annamalainagar-628002.

8. National Conference on Preparation and Characterization of Crystalline Materials, PADIKA 2006, January 19-21, 2006, Physics Research Centre, Department of Physics, S.T.Hindu College, Nagercoil -629 002, Tamilnadu, India.

9. International Conference on Nanoscience and Nanotechnology (ICNSNT 2006), August 26-28, 2006, Center for Nanoscience and Nanotechnology, University of Madras, Guindy Campus, Chennai – 600 025, India.

10. National Conference on Recent Trends in Optoelectronics and Laser Technology (NCOL 2007), April 9-11, 2007, Department of Physics, University of Kerala, Thiruvananthapuram, Kerala.

11. 14th National Seminar on Crystal Growth (March 2010) held at SSN Engineering College, Chennai. India.

12. International conference on advanced materials ICAM 2012, January 5-7, 2012, Department of Physics, Loyola College, Chennai-600 034, India.