# **BIO-DATA**

## **PERSONAL**

Name : P. ANBU SRINIVASAN

Date of birth & Age : 18.03.1972. 44 years

Qualification : M.Sc., M.Phil., Ph.D.,

Religion / community : Hindu / forward

Residential & corresponding : N.G. Nagar,

address Fifth new street,

Mayiladuthurai ,609001

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panbusrinivas@gmail.com

# **ACDEMIC QUALIFICATIONS**

Degree	College/university	Year of passing	Percentage of Marks	class
B.Sc. Chemistry	A.V.C. COLLEGE Bharathidasan university	1993	78 %	First
M.Sc. Chemistry	Annamalai University	1995	68 %	First
M.Phil.	Annamalai University	1999	73 %	First
P.G.D.F.T.	Annamalai University	1995	48 %	Second
Ph.D.	Bharathidasan University	Dec'2007	Commended	

## **WORKING EXPERIENCE**

Worked as P.G.Assistant in Chemistry in Raj Matriculation Higher Secondary School, Mayiladuthurai, from 1996-1998.

Working as Assistant Professor in Chemistry from 1999 to Till date in A.V.C.College, (Autonomous). Mannampandal, Mayiladuthurai.



#### RESEARCH EXPERIENCE

M.Phil., --- kinetics of oxidation

Ph.D --- Crystal Growth Chemistry

M.Phil., --- Guided---22

Ph.D --- Registered -06: Awarded -02

Received - UGC-MINOR RESEARCH PROJECT-

"A phytochemical evaluation of *Cassia fistula* Linn with special emphasis on its chemical constituents useful in optical fabrication"- No. F MRP-2702/09 (MRP/UGC-SERO) Dated Feb 2009 –LINK No. 2702 (During Feb 2009-Oct 2010 :Grant received Rs 1,13,000.00/-).

## RESEARCH AREA

Crystal Growth Chemistry, Environmental Chemistry, Phyto Chemistry and Synthetic Organic Chemistry

#### HONOURS/CREDITS

Reviewer - Journal of Thermal Analysis and Calorimetry

**Reviewer - Journal of Crystal Growth** 

Editorial Board member-Asian Journal of Chemistry and Pharmaceutical Sciences

## MEMBERSHIP IN PROFESSIONAL BODIES

1. Indian Science Congress- SLM342

## **BOOKS WRITTEN**

- 1. A Laboratory manual for first year chemistry "PRINCIPLES OF VOLUMETRIC ANALYSIS" (For private circulation only)
- 2. A Laboratory manual for second year chemistry "SYSTEMATIC QUALITATIVE INORGANIC ANALYSIS" (For private circulation only)
- 3. A Laboratory manual for Third year chemistry "ORGANIC PREPARATIONS AND ANALYSIS" (For private circulation only)
- 4. A Laboratory manual for Allied chemistry "PRINCIPLES OF VOLUMETRIC AND ORGANIC ANALYSIS" (For private circulation only)

#### **COURSES ATTENDED**

Attended the UGC sponsored "Special Summer School On Basic Science" organized by Academic Staff College, Pondicherry University, Puducherry, from 05.08.08 to 25.08.08.

Attended the "Refresher course in chemistry" from 01.02.14 to 21.02.14 held at Academic Staff College, Bharathidasan University, Tiruchiappalli.

Attended the "Refresher course in chemistry" from 15.07.2016 to 04.08.2016 held at UGC-HRDC, Bharathiar University, Coimbatore.

#### CO-CURRICULAR ACTIVITIES / OTHER RESPONSIBILITIES

Exam committee member : 2007-08 ➤ NSS Programme Officer : 2008-11 > RRC Coordinator : 2010-11 > Convocation committee member : 2007-12 Application processing committee member : 2007-08 ➤ Anti –tobacco committee member : 2010-11 ➤ College calendar & hand book : 2008-10 Magazine & calendar committee member : 2010-11 > Staff council member : 2012-13 > Target CE Coordinator : 2012-13 Placement officer : 2013-14 ➤ Men's hostel Deputy Warden : 2014- till date ➤ Campus Green Auditing : 2018-19

- > ORGANIZING SECRETARY for UGC Aided Workshop on "Microscale Experiments in Chemistry" On 07th October 2014
- ➤ Organizing committee member in the UGC sponsored a two day National Seminar on Emerging Trends in Chemistry (February 23 & 24, 2007), organised by the Department of Chemistry, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai.
- ➤ Organizing committee member for the CRSI sponsored "Interaction meeting with Under-Graduate and Post Graduate students of Chemistry (CRSI-IYC 2011)" organized by the Department of Chemistry, A.V.C. College (Autonomous) on 15th October, 2011 in connection with "International Year of Chemistry 2011".

- ➤ Organizing committee member for the UGC sponsored "National Seminar on Recent Trends in Chemistry" (NSRTC- 2011),organized by the Department of Chemistry, A.V.C. College (Autonomous), during February 25 & 26, 2011.
- ➤ Organizing committee member in the UGC sponsored a two day National Seminar on Emerging Trends in Chemistry, NSETC-2014, March 13&14 2014 organised by the Department of Chemistry, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai.
- ➤ Coordinator for Inservice Training Programme for Science Teachers of Nagappattinam District, Catalysed and supported by Tamil Nadu State Council For Science And Technology, organized by A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, held during 21.01.2019 &12.02.2019 to 15.02.2019.

## RESEARCH PUBLICATIONS

- 1. Sundari.V, Meenakshisundaram.S, **PA Srinivasan** -, 2002 "Mechanistic studies on the Ru (III) catalysed and uncatalysed oxidation of benzilic acid by sodium salt of N-chlorobenzenesulphonamide" .*Oxidation communications*. 25 (4), 579-586.
- 2. Madhurambal.G, **Anbusrinivasan.P**, 2006 "Growth of high quality anthracene crystals by a simple solution technique" *Crystal Research and Technology* 41 (3), 231-235.(*Cited by* 25)
- 3. Madhurambal .G, Ramasamy. P, **Anbusrinivasan.P**, SC. Mojumdar.2006. "Synthesis and characterization of a novel non-linear optical (NLO) material" *Journal of thermal analysis and calorimetry* 86 (3), 601-604. (*Cited by 07*).
- 4. Madhurambal .G, Ramasamy. P, **Anbusrinivasan.P**, SC. Mojumdar. 2007. "Thermal properties, induction period, interfacial energy and nucleation parameters of solution grown benzophenone" *Journal of Thermal Analysis and Calorimetry 90 (3), 673-679. (Cited by 37)*
- 5. Madhurambal .G, Ramasamy. P, **Anbusrinivasan.P**, G. Vasudevan, 2008. "Growth and characterization studies of 2-bromo-4'-chloroacetophenone (BCAP) crystals" *Journal of thermal analysis and calorimetry 94 (1), 59-62. (Cited by 71)*
- 6. **Anbusrinivasan.P**, Kavitha.S, 2008. "Growth and Characterization Studies of 2-Bromo-4-chloroacetophenone Crystals". *Asian journal of chemistry* 20 (2), 979. (*Cited by 09*)
- 7. Madhurambal .G, Ramasamy. P, **Anbusrinivasan.P**, Suganthi.M, 2008."The growth and characterization of 2, 4-dinitro phenyl hydrazone of benzophenone and mixed crystals" *Journal of thermal analysis and calorimetry* 94 (1), 45-51.(*Cited by 04*).

- 8. **Anbusrinivasan.P**, Suganthi.M,.2008. "Growth and Characterization of Benzophenone and Mixed Crystal of Benzophenone and 2, 4-Dinitrophenyl hydrazone of Benzophenone. *Asian Journal of Chemistry* 20 (3), 1775. (*Cited by 02*).
- 9. Santhi.PR, **Anbusrinivasan**.P, 2008. "Phytochemical Studies on *Parthenium hysterophorus Linn*" *Asian Journal of Chemistry* 20 (2), 987. (Cited by 02).
- 10. Vasudevan.G, **Anbusrinivasan.P**, Madhurambal.G. Mojumdar S.C. 2009. "Thermal analysis, effect of dopants, spectral characterisation and growth aspects of KAP crystals" *Journal of thermal analysis and calorimetry 96 (1), 99-102. (Cited by 76)*
- 11. **Anbusrinivasan.P**, Madhurambal.G. Mojumdar S.C.2009. "p-N,N-dimethyl amino benzaldehyde (DAB) grown by solution technique using CCl4 as growth medium: Thermal studies and spectral characterization" *Journal of thermal analysis and calorimetry* 96 (1), 111-115.(Cited by 13)
- 12. Rajasekaran.M, **Anbusrinivasan.P**, Mojumdar, S.C.2010. "Growth, spectral and thermal characterization of 8-hydroxyquinoline" *Journal of Thermal Analysis and Calorimetry* 100 (3), 827-830.(*Cited by 22*)
- 13. Vasudevan.G, **Anbusrinivasan.P**, Madhurambal.G. Mojumdar S.C. 2011 "Effect of dopant on the characterization of KAP crystal. *Journal of Thermal Analysis and calorimetry* 104 (3), 975-979. (*Cited by 02*)
- 14. Ramalingam.S, **Anbusrinivasan.P**, Periandy.S, 2011. "FT-IR and FT-Raman spectral investigation, computed IR intensity and Raman activity analysis and frequency estimation analysis on 4-chloro-2-bromoacetophenone using HF and DFT calculations" *Spectrochimica Acta Part A:78*, 826-834.(Cited by 26)
- 15. **Anbusrinivasan.P**, Arokiaraj.A, Vijayarajan.D, .2011. "Isolation, Spectral And Optical Studies Of Fistulic Acid A Phytochemical Constituent Of Cassia Fistula Linn. *Indian Journal of Science and Technology* 4 (4), 422-424.
- 16. **Anbusrinivasan.P**, Madhurambal.G, Mojumdar S.C. 2012. "Thermal and spectral properties and induction period, interfacial energy and nucleation parameters of solution grown anthracene" *Journal of Thermal Analysis and Calorimetry* 108 (3), 939-946.(*Cited by 14*)
- 17. **Anbusrinivasan.P** and Pandian.G.V 2012. "Determination of Nucleation Temperature, meta stable zone width spectral analysis of sulphanilic acid grown from Ethanol-Water as growth medium "*Journal of Ultra Chemistry* 8 (1), 83-90.

- 18. **Anbusrinivasan.P** and Pandian.G.V.2013. "Preparation, spectral and thermal characterization of an organic NLO material [(E)- benzylideneamino] thiourea." *Journal of Ultra chemistry*, Vol, 9 (2), 233-240, 2013.
- 19. **Anbusrinivasan.P** and Pandian.G.V.2013 "Experimental investigation of Spectral, Thermal and Non linear optical properties of new Thiosemicarbazone of Benzophenone crystals" *International Journal of Innovative Research in Science, Engineering and Technology.* Vol. 2, Issue 9.
- 20. Pandian.G.V, **Anbusrinivasan.P** 2014. "Determination of Induction period,Interfacial energy, Nucleation parameters Thermal studies and SHG efficiency of [(E)-benzylideneamino] thiourea" *Research Journal of Recent Sciences*, 3 (ISC-2013), 1-8.
- 21. Pandian.G.V, **Anbusrinivasan.P.** 2014 "Investigation of induction period, spectral, Band gap energy, Microhardness and optical property of thiosemicarbazone of acetaldehyde." *Chemical Science Transactions* 3(4), 1590-1596
- 22. Pandian.G.V, **Anbusrinivasan.P**, Mojumdar S.C 2015. "Preparation, spectral, and thermal characterization of acetaldehyde thiosemicarbazone (ATSC)" *Journal of Thermal Analysis and Calorimetry* 119 (2), 845-850.
- 23. Thenral M, **Anbusrinivasan.P**, Mani.P, and Pazhanisamy.S. 2015 "Studies on the physicochemical parameters and the microbial investigation of the freshwater exotic carp catla catla in lower anaicut reservoir, tamil nadu, India" *Acta Biomedica Scientia* 2(1),5-10
- 24. Pandian.G.V, John David Ebenezar.I, **Anbusrinivasan.P** 2015 "Experimental Determination of Metastable Zone Width, Induction Period, Interfacial Energy, Growth and SHG Efficiency of N-[(propan-2-ylidene) amino] Thiourea" *International Journal of Scientific Research in Science, Engineering and Technology* (IJSRSET.com) (1)6: 203-208.
- 25. Moorthy.N, Prabakar.PCJ, Ramalingam.S, Pandian.G.V, **Anbusrinivasan.P** 2016. "Vibrational, NMR and UV–visible spectroscopic investigation and NLO studies on benzaldehyde thiosemicarbazone using computational calculations" *Journal of Physics and Chemistry of Solids* 91, 55-68(*Cited by 02*).
- 26. Thenral.M and **Anbusrinivasan.P**.2016. "Analysis of physico-chemical parameters in coleroon river water, thanjavur district, Tamil nadu, India" *International Journal of Pharmacology & Toxicology* 6(1), 38-43.
- 27. Hemachandran.K, **Anbusrinivasan.P**, Ramalingam.S, Manoharan.C .2018 "Exploration of unknown Biological and Structural properties of drug 5-Methoxy 2-Methyl Indole by

- experimental and theoretical molecular spectroscopy" *International Journal of Basic and Applied Research*,8(9),1152-1171.
- 28. Jeevarathinam.C, Daisi Rani.B, Pandian.G.V, **Anbusrinivasan.P**, Ramesh.K.2018 "Spectral, Optical, Semiconducting and Thermal Characteristics of thiosemicarbazone of Benzaldehyde and Acetaldehyde" *International Journal of Current Research in Chemistry and Pharmaceutical Sciences* .5(4),46-55.
- 29. Hemachandran.K, **Anbusrinivasan.P**, Ramalingam.S, Manoharan.C, 2018, Biological and structural properties interpretation on antitumour drug 3-(2-aminoethyl) indole (tryptamine) using molecular spectroscopy and computational tools, *Journal of Taibah University for Science* (**Taylor & Francis**), Vol. 13, No. 1, 231–247.
- 30. Sasikala.S and **Anbusrinivasan.P**, 2018, "Perception, Growth, Spectral, Thermal and Band gap studies on Thiosemicarbazone of 4 hydroxyl N phenyl acetamide (TSCHPA) Crystal" *Journal of Emerging Technologies and Innovative research*, 5,10,43 50.
- 31. Sasikala.S and **Anbusrinivasan.P**, 2018,"Growth, aspects, spectral, Thermal characterization and band gap analysis on Semicarbazone of 4-hydroxy –N-phenyl acetamide (SCHPA) Crystal. *International journal of basic and applied research*.8,12,587 596.
- 32. Sasikala.S and **Anbusrinivasan.P**, 2018, "Crystal growth and characterization of new non linear optical material: Thiosemicarbazone of -N phenyl acetamide". *Journal of emerging technologies and innovative research.5*, 12, 624 632.
- 33. Sasikala.S and **Anbusrinivasan.P,**2019 "Preparation,growth spectral thermal and band gap studies of phenyl hydrazone of N phenyl acetamide (PHPA) crystal" *International Journal of Research and Analytical reviews*.6,1,772 778.

<u>Citation indices</u>	All	Since 2011
Citations	351	255
<u>h-index</u>	9	8
<u>i10-index</u>	9	8

## INTERNATIONAL SEMINARS / CONFERENCES- PARTICIPATION AND CONTRIBUTIONS

1. Participated in the "International workshop on crystal growth and characterisation of technologically important materials" held at crystal growth centre, Anna University, Chennai, India during 24-28, Feb 2004.

- 2. Presented paper on "Experimental study on the energy band gap of anthracene" 7<sup>th</sup> International conference on opto electronics Fiber optics and photonics 9-11 Dec-2004 KOCHI, KERALA, India.
- 3. Presented paper on "Synthesis and characterization studies of a novel NLO material Diel's Alder adduct of anthracene "International conference on electronic and photonic materials devices and systems- EPMDS 2006 4-6 January 2006 Kolkata India
- 4. Presented paper on "Study of band gap measurement of benzophenone" International conference on electronic and photonic materials devices and systems- EPMDS 2006 4-6 January 2006 Kolkata India.
- 5. Presented paper on "Growth aspects and spectral characterization of para dimethyl amino benzaldehyde" International conference on perspectives in vibrational spectroscopy-ICOPVS 2008 24-28 February 2008 Trivandrum India.
- 6. Presented paper on "Crystal Growth aspects and spectral analysis of Ranitidine hydrochloride using isopropyl alcohol as solvent "International conference on perspectives in vibrational spectroscopy- ICOPVS 2008 24-28 February 2008 Trivandrum India.
- 7. Presented paper on "Growth aspects and spectral studies on solution grown p-chloro nitrobenzene" International conference on frontiers in chemical sciences ICFCS 2-4 October, 2008 Chennai India.
- 8. Presented paper on "Preparation, spectral analysis and growth aspects of phenyl isopropylcarbamate (PIC)"International conference on frontiers in chemical sciences ICFCS 2-4 October, 2008 Chennai India.
- 9. Presented paper on "FTIR and FT-RAMAN spectral investigation and vibrational frequency analysis on 4- chloro bromo acetophenone using HF and DFT calculations" International conference on waves and material science- IC-WAMS 23<sup>rd</sup> August, 2010 St. Joseph college of arts &science Cuddalore India.
- 10. Presented paper on "Determination of induction period, interfacial energy, nucleation parameters, spectral and thermal studies of solution grown thiosemicarbazone of Acetaldehyde" **International Conference on Chemical and Environmental Research, ICCER-2014** -11 & 12 March 2014, organised by Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020, India.
- 11. Presented paper on "Analysis of physico-chemical parameters and the microbial investigation of the fresh water fish labeo rohita in lower anaicut reservoir, Tamil Nadu, India" **International Conference on Chemical and Environmental Research, ICCER-2014** -17<sup>th</sup> December 2015, organised by Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020, India.

- 12. Presented paper on "Determination of induction period, interfacial energy, nucleation parameters, thermal studies and shg efficiency of [(e)-benzylideneamino] thiourea" **3<sup>rd</sup> International science congress (ISC-2013)-**08 & 09 December 2013, organised by Karunya university-Coimbatore.
- 13. Presented paper on "Environmental Pollution-Pollution control" **8**<sup>th</sup> **International conference** (**Tamil**) **by All India Research Committee** (**AR**), 22 & 23 December 2012 organised by Karpagam University- Coimbatore.
- 14. Presented a paper "Interpretation on pharmaceutical activity of the drug; 3-(2-aminoethyl) indole hydrochloride: Spectroscopic and computational tools', **International Conference on Nanomaterials and Molecular Research**, December 8-9, 2016, St. Joseph's College of Arts and Science (Autonomous), Cuddalore.
- 15. Presented a paper "Vibrational investigation on pharmaceutical activity of 3-(dimethylaminomethyl) indole by theoretical and experimental support ', **International Conference on Nanomaterials and Molecular Research**, December 8-9, 2016, St. Joseph's College of Arts and Science (Autonomous), Cuddalore.
- 16. Presented a paper "Interpretation of pharmaceutical activity of the Drug; Beta-carboline: Spectroscopic and Computational Tools" in the **International Conference on Chemcial and Environmental Research (ICCER 2017),** 07<sup>th</sup> Jan 2017, organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020, India.
- 17. Presented a paper "Vibrational Investigation on pharmaceutical activity of 5- methoxy-2-methyl indole by theoretical and experimetnal support" in the **International Conference on Chemcial and Environmental Research (ICCER 2017),** 07<sup>th</sup> Jan 2017, organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020, India.
- 18. Presented a paper "Pharmacodynamic Investigation on molecular structure and molecular spectroscopy analysis of 5- methoxy-2-methyl indole supported by quantum calculations" in the **International Conference on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018),** 02 & 03<sup>rd</sup> Feb 2018, organized by Department of Chemistry, Annamalai University, Annamalai nagar, Tamilnadu India.
- 19. Presented a paper "Preparation Growth, Spectral, Thermal characterization and Band gap analysis on Semicarbazone of 4-hydroxy –N-phenyl acetamide (SCHPA) crystal".
  International conference on chemical and environmental research organised by Jamal Mohamed College (Autonomous), Tiruchirappalli on 19.12.2018.

## NATIONAL SEMINARS / CONFERENCES- PARTICIPATION AND CONTRIBUTIONS

- 20. Presented paper on "Mechanistic studies on the Ru(III) catalyzed Oxidation of Benzilic Acid by Sodium Salt of N Chlorobenzene sulphonamide" Second National symposium in chemistry- 27,29January-2000, IICT- Hyderabad.
- 21. Participated in the UGC sponsored national symposium on Recent trends in Heterocyclic chemistry, 24 & 25 Sep 2004, held at Jamal Mohamed college ,Trichy
- 22. Presented paper on "Isolation, spectral studies and screening for the anti-bacterial efficiency of cassia fistula linn" –98<sup>th</sup> Indian Science Congress- held during Jan 2011 at SRM University, Chennai-India.
- 23. Presented paper on "Growth and characterization of undoped and doped benzophenone"

  National seminar on applied research on solid chemistry and Nano technology –

  NSASN 2005 –25,26 February 2005 Annamalai University India.
- 24. Presented paper on Growth and characterization studies of 2-bromo-4-chloroacetophenone(BCAP) Crystals"National conference on crystal growth for electro-optic applications CGFEOA-2006, 16, 17 June 2006-KITS(Deemed university) Coimbatore India.
- 25. Presented paper on "Spectral studies on solution grown acetanilide" National seminar on crystal growth (with international participation)-7-9-December, 2006 organised by centre for crystal growth, SSN college of Engineering, SSN Nagar Tamilnadu.
- 26. Presented paper on "An eco –friendly method of application of nutrients on plants" **National level seminar on emerging trends in life sciences** during 24-25 Aug 2006,held at Bishop Heber College –Trichy.
- 27. Presented paper on "Spectral studies and determination of metastable zone with width of solution grown benzophenone" National seminar on emerging trends in chemistry (NSETC-07)-23&24- february, 2007 organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.
- 28. Presented paper on "Growth and characterization of acetanilide grown by solution technique". **National seminar on emerging trends in chemistry(NSETC-07)-23&24-february, 2007** organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.
- 29. Presented paper on "Characterization of LiMn <sub>1-x</sub> Ni <sub>x</sub> O<sub>2</sub> as a cathode material in Li-ion Cells". **National seminar on emerging trends in chemistry(NSETC-07)-23&24-february, 2007** organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.

- 30. Presented paper on "Spectral studies and metastable zone width determination of anthracene grown by solution technique using CS<sub>2</sub> as solvent" **National seminar on recent advances in chemistry(NSRAC-09)-**27&28- february, 2009, organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.
- 31. Presented paper on "Preparation, growth aspects and spectral characterization of 2,4 dinitrophenyl hydrazone of benzophenone" **National seminar on recent advances in chemistry**(**NSRAC-09**)-27&28- february, 2009, organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.
- 32. Presented paper on "Effect of dopant on KAP crystal studied by thermal analysis, spectral characterization and SHG efficiency". **National seminar on recent advances in chemistry**(**NSRAC-09**)-27&28- february, 2009, organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.
- 33. Presented paper on "Preparation, crystal growth, determination of induction period, interfacial energy, nucleation parameters, of thiosemicarbazone of acetone" **National Seminar on Emerging Trends in Chemistry**, **NSETC-2014**, 13 & 14 March 2014, organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.
- 34. Presented paper on "Competitive adsorption of dyes (crystal violet, methylene blue, malachite green) on chlor-alkali waste (slurry)" **National Seminar on Emerging Trends in Chemistry**, **NSETC-2014**, 13 & 14 March 2014, organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.
- 35. Presented paper on "Physico-chemical characteristics of coleroon river water in Thanjavur District, Tamil Nadu" **National Seminar on Emerging Trends in Chemistry , NSETC-2014,** 13 & 14 March 2014, organised by Department of chemistry, A.V.C. College (Autonomous), Mayiladuthurai, Mannampandal 609305.

# EXTRA CURRICULAR ACTIVITIES

- ❖ Acted as **Judge** in the Mayiladuthurai educational District level **Science Exhibition** held at NKHSSchool, Mayiladuthurai, on 14.11.2008.
- ❖ Delivered an endowment lecture on "Environmental studies-Chemistry aspects" on 27.01.11 at SKSS Arts College, Tiruppanandal.
- ❖ Delivered an invited lecture on "Photo Chemistry –An Introduction" on 27.02.13 at Annai College of Arts &Science, Kumbakonam.
- ❖ Gave an invited talk on "Chemical kinetics and Catalysis" at Vivekananda college of arts & Science for Women, sirkali , held on 03.03.14.
- ❖ Delivered a special talk on "Chemistry −A classical Approach" at TBML college, Porayar, on 05.08.14.

- ❖ Worked as chief Invigilator in A.V.C.College centre for TNPSC-CSSE-I during 2007&2009.
- ❖ Worked as Presiding Officer in the election of Tamilnadu Legislative Assembly during 2006 & 2011
- ❖ Worked as Master Trainer in CENSUS -2011.
- ❖ Undergone one day training programme on 12.08.13 for "Content enrichment training for PG Teachers" organised by State Council of Education& Training, Chennai.
- ❖ Acted as Resource person in "Content enrichment training programme for PG teachers" organized by STATE CONCIL OF EDUCATION RESEARCH&TRAINING, CHENNAI