

## Curriculum Vitae

**Name** : **Dr. S. PARI**  
**Designation** : Associate Professor and Head,  
PG and Research Department of Physics  
**Institution** : National College (Autonomous), Tiruchirappalli-620001  
**Date of Birth**: 22-07- 1964  
**Permanent Address** : 1/1188, IV Cross, II Main Road,  
Vasan Nagar, Tiruchirappalli -620 102.  
Cell: 9443311281 e-mail: sparimyr@gmail.com

### Academic Qualification:

Examination passed	University	Subjects/ Specialization	Year of Study	Grade
M.Sc.	Bharathidasan, Tiruchirappalli	Physics	1986-1988	I
M.Phil	Bharathidasan, Tiruchirappalli	Physics	1988-1990	I
B.Ed.	Annamalai University, Annamalainagar	Physics	1989	II
Ph.D	Bharathidasan, Tiruchirappalli	Physics	2008	Commended
PGDCA	Bharathidasan, Tiruchirappalli	Computer Science	1992	I

### Employment History:

- Lecturer in Physics, Bishop Heber College, Tiruchirappalli-17 (29-6-1991 to 11-4-1992)
- Assistant Professor, National College(Evening), Tiruchirappalli-1 (22-07-1992 to 03-08-1997)
- At National College(Autonomous), Tiruchirappalli-1 from 04-08-1997 to till date.

**Field of Specialization** : Crystal Growth- Synthesis, Growth and Characterization of Materials having Non-linear Optical Characteristics & Nano technology

**Ph.D. / M. Phil. Guided:** M. Phil. Awarded - 48 Candidates

Ph.D. - Awarded - 7 Candidates

Under Guidance 4 Scholars

**Membership in Academic bodies:**

- Indian Association for Crystal Growth.
- Indian SpectroPhysics Association – (ISPA)
- Indian Science and Technology Association (ISTA)- Elavenil, Chennai

**Membership in University Bodies:**

- (i) P.G-Board of Studies Member, Bharathidasan University, Tiruchirapalli.
- (ii) UG & P.G-Board of Studies Member, Bishop Heber College, Tiruchirapalli.
- (iii) UG & P.G-Board of Studies Member, EVR College, Tiruchirapalli.
- (iv) Question paper setter in various Universities and Colleges.
- (v) Expert member in teacher selection committees.

**Details of Seminars, Conferences, and Symposiaorganized**

- i. National Seminar on Crystal Growth of non-linear optical materials (NSCG-2008) organized by PG & Research Department of Physics, National College, Tiruchirapallduring March 3 - 4, 2008.
- ii. UGC Sponsored National Seminar on Crystal Growth of Laser and Non-Linear Optical Materials (NSCGOM-2008) during September 25 - 26, 2008.
- iii. First Golden Jubilee Endowment lecture on 22 February 2011 delivered by Dr.G.Bagavannarayana, Head, Crystal Growth and Crystallography Section, National Physical Laboratory, New Delhi.
- iv. UGC Sponsored National Seminar on Recent Trends In Crystal Growth and Nano Materials- NSCGNM-2013 during 13-15, March 2013.
- v. UGC Sponsored National Seminar on Recent Trends in Crystal Growth and Nano Materials-NSCGNM-2014 during 7-9, August 2014 - As Co-convener.
- vi. Crystal Growth of Functional and Exotic Materials on during 06-10 August 2018.
- vii. International Conference on Recent Trends in Applied Science and Technology during23-25 August 2018.
- viii. One Day Workshop on Analytical techniques at National College on 27-07-2018.
- ix. Organized three days UGC sponsored International Level conference as convener, International conference on Recent Advance in Material science during 04-06 February2019.
- x. As Convener, UGC Sponsored National Conference on Advanced Functional Materials(NCAFM- 2020) and Supported under DBT Star College Scheme in Association with Indian Science and Technology Association (ISTA)- Elavenil,

- Chennai on 13<sup>th</sup> February 2020 organized by PG & Research Department of Physics, National College(Autonomous), Tiruchirappalli.
- xi. As Convener, An National level Webinar entitled “Weather and Observation System” on 31<sup>st</sup> August 2020, 10.30 am to 12.00 pm, Resource Person Dr. S.R. Ramanan, Former Director Regional Meteorological Center, Chennai.
  - xii. Convener –Nobel Laureate, Bharat Ratna Dr. Sir C. V. Raman Memorial Endowment Lecture on 2<sup>nd</sup> March, 2022 at 11.00a.m. in the College Auditorium given by Dr.S.Gunasekaran, Dean(R&D), St.Peter’s Institute of Higher Education and Research, Avadi, Chennai. Founder President, Indian Spectrophysics Association (ISPA) delivered a Lecture on “Sir C.V.Raman- A Light Legendary and His Invention”
  - xiii. In commemoration of National Science Day (2022), a National Level Workshop held on 02 March 2022 in the topic “Research and Publication Metrics”
  - xiv. Convener -International Conference on Recent Advancements in Spectroscopy (ICRS-2023) during 05-06 October, 2023 Organized by PG and Research Department of Physics, National College, Tiruchirappalli.
  - xv. Convener -The P.G & Research Department of physics & Anna Science Planetarium, Tiruchirappalli jointly conducted a Special Lecture on Solar Variability and its Impact on Earth held at National College, Tiruchirappalli on 26-12-2023. Prof. Nat Gopalswamy, Astrophysicist, NASA, Goddard Space Flight Centre, USA was the chief guest.
  - xvi. In commemoration of National Science Day (2023) Celebrations based on theme “Science: The inevitable life force”
  - xvii. Diamond Jubilee Endowment lecture – Convener. Speaker: Ms. M. Precilla, Programme Head, All India Radio, Tiruchirappalli, Topic: Sky is Not the Limit., on 05-03-2024

### **Project Grants**

- (i) Minor Research Project entitled “Growth and Characterisation of Bismuth Silicon Oxide Crystals” by the University Grants Commission, SERO-Hyderabad.[2002-04]
- (ii) Minor Research Project entitled “Investigation on the Growth and Characterization of NLO Active Semi-organic Crystals” by University Grants Commission, SERO-Hyderabad [2009-11]

### **Publication of Research Papers:**

1. Thermogravimetric Analysis on BiOCl crystal-Asian Journal of Chemistry, IV-A, 2001.
2. Growth and Spectral investigation on BiOCl crystals, Bulletin of Electrochemistry (19) 2, Feb.2003, pp 85-88.

3. Growth and Characterization of SbSI crystals, Bulletin of Electrochemistry 20 (1) Jan-2004, pp 45-48.
4. Photoconductivity and IR studies 3-Nitroacetanilide Single Crystal: A Potential Organic Material, A Potential Organic Non-linear optical Material Vol. 20, No. 1 (2008), 81-85. Studies on the electrical, linear and nonlinear optical properties of Meta nitro aniline, an efficient NLO crystal, Physica B, 404 (2009) 1655-1660
5. Thermal, mechanical, electrical, linear and nonlinear optical properties of a nonlinear optical L-ornithine mono hydro chloride single crystal Physica B 404 (2009) 2336-2339
6. Synthesis, growth and studies of undoped and sodium chloride-doped Zinc Tris-thiourea Sulphate (ZTS) single crystals, Current Applied Physics 10(2010) 664-669
7. Linear and nonlinear optical properties of N-(3- nitrophenyl) acetamide single crystals, Optik 123 (2012) 104-108.
8. Growth and Characterization of Cadmium Sulphate Single Crystal by Gel Growth, Archives of Applied Science Research, 2013, 5 (3):247-253
9. Synthesis, Growth, Structural, Spectroscopic, Thermal and Optical Properties of Semiorganic Material-Tristhiourea Cadmium Sulphate (TTCS) Archives of Physics Research, 2013, 4 (3):61-66.
10. Structural, dielectric and hardness parameters of L-arginine hydrochloride crystals doped with L- tartaric acid, International Journal of Advanced Scientific and Technical Research, Issue4 Volume 2, March-April 2014 ISSN:2249-9954.
11. Growth and Studies of Strontium Nitrate added L-Alanine crystals, Indian Journal of Applied Research, Volume 4, April 2014,
12. Enhancement of second harmonic generation efficiency: Growth and characterization of La<sup>3+</sup> and Nd<sup>3+</sup> doped Metanitroaniline single crystals, International Journal of Chemtech Research (IJCRGG), Vol.6, No.3, May-June 2014, ISSN:0974-4290 S.No.1670-1672.
13. Influence of Mg<sup>2+</sup> and Cu<sup>2+</sup> metallic ions on the structural, Mechanical and optical properties of L-Arginine Maleate single crystals” International Journal of Chem. Tech Research, Volume6, Aug-Sep, 2014.
14. Growth and studies of L-alanine acetate Crystals doped with magnesium chloride, Journal of Chemical and Pharmaceutical Research, 2015, 7(5):44-53, ISSN:0975-73284 CODEN(USA):JCPRCS.
15. Growth and Characterization of L-Arginine Acetate Crystals Doped with Methyl Orange and Magnesium Chloride, International Journal of Advanced Scientific and Technical Research, Issue 5 Volume 2, March-April 2015 ISSN:2249-9954
16. Studies of L-histidine hydrochloride crystals grown by solution method, International Journal of Advanced Scientific and Technical Research, Issue 5 Volume 3, May-June 2015 ISSN:2249-9954
17. Synthesis, Growth and Characterization of L-histidine hydro bromide single crystal by slow evaporation method, International Journal of Computer Application, Issue 5 Volume 4, May-June 2015 ISSN:2250-1797.

18. Investigation on Physico – chemical properties of semiorganic NLO L–Arginine Hydrochloride single crystal, International Journal of Chemical and Pharmaceutical Sciences, June 2015.
19. Synthesis, Growth and studies of undoped and Magnesium Chloride doped L–Histidine Hydrochloride single crystals, Pelagia Research Library, Advances in Applied Science Research, Issue 6, Volume 6, July 2015, PP 211-219.
20. Optical properties of Potassium Iodide doped L-Arginine single crystal synthesised by slow evaporation method, International Journal of Scientific Research in Physics and Applied Sciences , Vol.7, Issue.3, pp.88-93, June (2019)
21. Growth and characterization of L-Arginine Potassium Iodide (LAPI) Semi organic single crystals,International Journal of Scientific Research in Physics and Applied Sciences,Vol.7, Issue.3, pp.119-124, June (2019)
22. Growth and Some Optical, Microhardness, Electrical Studies of L-Arginine Potassium Iodide (LAPI) NLO Crystals, Journal of Applied Science and Computations,Volume VI, Issue IV, April/2019
23. Crystal Growth and Spectral, Mechanical, Electrical Characterization of L-Leucine Potassium Chloride Crystals,Journal of Applied Science and Computations, Volume VI, Issue IV, April/2019
24. Third Order Nonlinear Property of L-Arginine Potassium Iodide Crystal,Compliance Engineering Journal,Volume 10, Issue 9, 2019
25. Growth and Characterization, Optical, Thermal Properties of L-Asparagine Monohydrate Potassium Iodide (LAMPI) NLO Crystals,Journal of Information and Computational Science,Volume 9 Issue 9 -2019
26. Crystal Growth, Electrical, Mechanical, Optical and Thermal properties Of Semi Organic NLO Active L- Threonine Potassium Iodide Crystal, Compliance Engineering Journal, Volume 10, Issue 10, 2019
27. Growth and Optical Studies, ThermalProperties of Semi Organic NLO Active L- Threonine Potassium Iodide Crystal, Journal of Information and Computational Science, Volume 9 Issue 10 -2019
28. Growth and Optical, Mechanical Studies of Semi Organic NLO Active L-Threonine Potassium Iodide Crystal,International Journal of Innovative Science, Engineering & Technology, Vol. 6 Issue 10,October 2019
29. Growth and some Characterization of L-Asparagine Monohydrate Potassium Iodide (LAMPI) Crystals, Compliance Engineering Journal,Volume 10, Issue 9, 2019
30. Crystal Growth and some Optical and Electrical Studies of NLO L-Threonine Potassium Iodide Crystal, Journal of Emerging Technologies and Innovative Research June 2019, Vol. 6, Issue 6 Synthesis, optical, thermal and mechanical studies of L Isoleucine DAlanine(LIDA),single crystal, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.08.698>,Aug2020

31. Spectroscopic characterization and DFT investigation of L-Isoleucine D-Norvaline: A potential NLO, *Materials Today: Proceedings*, <https://doi.org/10.1016/j.matpr.2020.08.228> , 25 August 2020.
32. Structural, optical, FT-IR and SHG studies of L-Isoleucine D-Valine: A spectroscopic and DFT approach. 11 July 2020 Available online xxxx, *Materials Today: Proceedings*, <https://doi.org/10.1016/j.matpr.2020.07.477>
33. Structural, Optical, Mechanical, and Electrical Measurements on Single Crystals of L-Alanine Sodium Sulphate, *Materials Today: Proceedings*.
34. Crystal Growth and Spectral, Mechanical, Electrical Characterization of L-Leucine Potassium Chloride Crystals, *Journal of Applied Science and Computations*, Volume VI, Issue IV, April/2019
35. Third Order Nonlinear Property of L-Arginine Potassium Iodide Crystal, *Compliance Engineering Journal*, Volume 10, Issue 9, 2019
36. Growth and Characterization, Optical, Thermal Properties of L-Asparagine Monohydrate Potassium Iodide (LAMPI) NLO Crystals, *Journal of Information and Computational Science*, Volume 9 Issue 9-2019
37. Crystal Growth, Electrical, Mechanical, Optical and Thermal properties of Semi Organic NLO Active L- Threonine Potassium Iodide Crystal, *Compliance Engineering Journal*, Volume 10, Issue 10, 2019
38. Growth and Optical Studies, Thermal Properties of Semi Organic NLO Active L- Threonine Potassium Iodide Crystal, *Journal of Information and Computational Science*, Volume 9 Issue 10 -2019.
39. Growth and Optical, Mechanical Studies of Semi Organic NLO Active L-Threonine Potassium Iodide Crystal, *International Journal of Innovative Science, Engineering & Technology*, Vol. 6 Issue 10, October 2019.
40. Growth and some Characterization of L-Asparagine Monohydrate Potassium Iodide (LAMPI) Crystals, *Compliance Engineering Journal*, Volume 10, Issue 9, 2019.
41. Crystal Growth and Some Optical and Electrical Studies of NLO L-Threonine Potassium Iodide Crystal, *Journal of Emerging Technologies and Innovative Research* June 2019, Volume 6, Issue 6.
42. Influence of Dye Doping on the Structural, Spectral, Optical, Thermal, Electrical, Mechanical and Nonlinear Optical Properties of L- Histidine Hydro fluoride Dihydrate Crystal” *Journal of Molecular Structure* 1223 (2020)128958
43. *Journal of Solid State Technology* the title of “Evaluation of Invitro Antidiabetic and Antioxidant activity Using Methanolic Extract of Medicinal Plants (Senna alata and Senna hirsuta)” ISSN No: 0038-111X, Volume: 63, Issue No: 2s, Page No: 4962 – 4973, Published year: 2020.

44. European Journal of Molecular & Clinical Medicine the title of “Synthesis of Silver Nanoparticles Using Methanolic Extract of Medicinal plants (Senna alata and Senna hirsuta) and Analysis of Antibacterial Activity” SSN No: 2515-8260, Volume: 7, Issue No: 2, PageNo: 1581 – 1594, Published Year: 2020.
45. Paper published in the Journal of Materials Today: Proceedings the title of “Synthesis and Characterization of Zn doped CdS nanoparticles as electrode materials for super capacitor application” , ISSN No: 2214-7853, published year: 2020.
46. Quantum Chemical Studies on the Molecular Structure and Optical Properties of 2-Amino-5-Bromo Benzaldehyde Compound Based on DFT Calculations, American Institute of Physics, Conference proceeding, ICMEE 2020,2023& year of publication 2022.
47. Density Functional Theory Calculations on 2-Chloro-4-Fluoropyridine, American Institute of Physics ,Conference proceeding, ICMEE 2020,2023& year of publication 2022.
48. Z-Scan Study of a Novel Optical Limiter N-(3,4- Dichlorophenyl)-4-(4-chlorophenyl)-1,3-thiazol-2-amine, American Institute of Physics ,Conference proceeding, ICMEE 2020,2023& year of publication 2022.
49. Spectroscopic, DFT and Z-Scan Assisted Study of an Azo Compound N-(2,6-Dimethylphenyl)-4-(4-Chlorophenyl) Thiazol-2-Amine, American Institute of Physics ,Conference proceeding, ICMEE 2020,2023& year of publication 2022.

### **Books Published**

- ❖ A Book Published –Titled“Analog and Digital Electronics”, Tamil Nadu State Council for Higher Education, Chennai.

### **Resource Persons/Invited Talks**

- ❖ Towards highly efficient quantum dot and dye-sensitized solar cells XVIII National Seminar on Crystal Growth (XVIII-NSCG-2014) Centre for Crystal Growth, SSN College of Engineering February 24-26, 2014.
- ❖ Enhanced performance of dye/QDs cosensitized solar cells International Conference on Materials and Characterization Techniques (ICMCT 2014) VIT University Vellore, March 10 – 12 2014

### **Refresher/ Orientation/Short term courses attended:**

- ❖ UGC Sponsored Orientation Course conducted by Academic Staff College, Pondicherry University, Pondicherry. 23-09-1998 to 20-10-1998

- ❖ A course on Internet and Its Applications conducted by Regional Engineering College, Tiruchirapalli . Nov. 14. – 15, 1998.
- ❖ UGC Sponsored Refresher Course conducted by Academic Staff College, Bharathidasan University, Tiruchirapalli from 30.08.2000 to 19.09.2000.
- ❖ UGC and Nuclear Science Centre Sponsored a Ph.D Teaching Program – Advance Lecture series on Ion Beams in Super Conductors conducted by Nuclear Science Centre, New Delhi from 28.04.2000 to 22.05.2000.
- ❖ UGC Sponsored Refresher Course conducted by Academic Staff College, Bharathidasan University, Tiruchirapalli from 10.12.2002 to 30.12.2002.
- ❖ UGC Sponsored Refresher Course conducted by Academic Staff College, Bharathidasan University, Tiruchirapalli from 01.02.2007 to 21.02.2007.

#### **International Seminar/ Workshop/Conference Attended:**

- ❖ ISPA Organised International Conference on Spectrophysics, Hosted by PG&Research Dept. of Physics, Pachaiyappa's College, Chennai. February 9-12, 2005.
- ❖ One of my co-author presented the paper in “the 3<sup>rd</sup> Asian Conference on Crystal Growth and Crystal Technology, Organised by the Chinese Association of Crystal Growth, Beijing, China, and Oct. 16-19, 2005”.
- ❖ International Workshop on Crystal Growth & Characterisation of Advanced Materials, Crystal Growth Centre, Anna University, Chennai. January 9-13, 2006.
- ❖ International Workshop on Nanoscience and Technology, Organised Jointly by Anna University and ICTP, Italy, Dept. of Physics, Anna University, Chennai. 13-17, February, 2006.
- ❖ UGC, DSA Sponsored National Conference on Emerging Materials, Devices and Technologies(EMDT-2009) Conducted by Department of Physics, Sri Venkateswara University, Thirupathi -517 502. Feb. 24 & 25, 2009.
- ❖ 13<sup>th</sup> National seminar on crystal growth organized by centre for crystal growth SSN college of Engineering, SSN Nagar-603110. Jan 27-30.2009
- ❖ Influence of Mg<sup>2+</sup> and Cu<sup>2+</sup> metallic ions on the Structural, Mechanical and Optical Properties of L-Arginine Maleate Single Crystals International Conference on Materials and Characterization Techniques (ICMCT 2014) VIT University Vellore, March 10 – 12 2014.
- ❖ Enhancement of second harmonic generation efficiency: Growth and characterization of La<sup>3+</sup> and Nd<sup>3+</sup> doped Metanitroaniline single crystals International Conference on Materials and Characterization Techniques (ICMCT 2014) VIT University Vellore, March 10 – 12 2014
- ❖ Influence of Mg<sup>2+</sup> and Cu<sup>2+</sup> metallic ions on the Structural, Mechanical and Optical Properties of L-Arginine Maleate Single Crystals International Conference on Materials and Characterization Techniques (ICMCT 2014), VIT University Vellore, March 10 – 12 2014



### **National Seminar/ Workshop/Conference Attended:**

- ❖ UGC Sponsored National Seminar on Recent Trends in Crystallography, Biophysics & Computational Biology conducted by Departments of Crystallography & Biophysics University of Madras, Chennai Apr. 24 – 26, 2000.
- ❖ UGC Sponsored National Seminar on Crystallography conducted by Department of Physics, Sri Venkateswara University, Thirupathy. June 28 – 30, 2000.
- ❖ UGC Sponsored Seminar on Optical Devices conducted by Crystal Growth Centre Anna University, Chennai. Aug 2000.
- ❖ UGC Sponsored Symposium on Fundamentals of Crystal Growth Conducted by Crystal Growth Centre, Anna University, Chennai. Nov 6 – 7, 2000.
- ❖ UGC Sponsored Seminar on Recent Trends in Crystal Growth Processes and Applications, Conducted by Post Graduate, Dept. of Applied Physics, Nehru Memorial College, Puthanampatti. Trichy Dt. Mar – 9 – 10, 2001.
- ❖ UGC Sponsored National Seminar on Recent Trends in Optoelectronic materials and Devices (NSRTOM – 2002). Conducted by Department of Physics, Sri Venkateswara University, Thirupathy. Nov 21 – 22, 2002.
- ❖ UGC Sponsored Ninth National Seminar on Crystal Growth, conducted by Crystal Growth Centre, Anna University Chennai. Feb 24 – 26, 2003.
- ❖ UGC Sponsored National Conference on Recent Advances in Molecular Interactions, Department of Physics, PSG College of Arts&science, Coimbatore. March 26&27, 2004.
- ❖ UGC,ISRO,DST,SVU Sponsored National Conference on Emerging Materials and Technologies, Conducted by Department of Physics, Sri Venkateswara University, Thirupathy. August 3-4, 2004.
- ❖ VIT Organised National Conference on Recent Conference on Recent Trends in Materials Science and Technology, Vellore Institute of Technology, Vellore. 10-12, August, 2005.
- ❖ UGC, ISRO, DST, CSIR Sponsored National Conference on Novel Materials and Technologies, Conducted by Department of Physics, Sri Venkateswara University, Thirupathy. Feb. 17-18, 2006.
- ❖ UGC Sponsored National Conference on Innovative Trends in Materials Science ITMS - 2013, Arignar Anna College, Aralvoymoli, August 23-24, 2013.
- ❖ Crystal Growth, optical, Mechanical And Electrical Properties Of Organic NLO Material – Meta Nitro Aniline, National Conference on Innovative Trends in Materials Science ITMS - 2013, Arignar Anna College, Aralvoymoli, August 23-24, 2013.
- ❖ Vibrational Spectroscopic Studies of L-HistidineHydrofluorideDihydrate Single Crystals National Conference on Innovative Trends in Materials Science ITMS – 2013, National Conference, Arignar Anna College, Aralvoymoli, August 23-24, 2013.
- ❖ Growth and Characterization of L-Arginine Maleate Single Crystals National Conference on Innovative Trends in Materials Science ITMS – 2013, National Conference, Arignar Anna College, Aralvoymoli, August 23-24, 2013.

- ❖ Linear and Nonlinear Optical Studies on L –Alaninium Maleate Single Crystals National Conference on Innovative Trends in Materials Science ITMS – 2013, National Conference, Arignar Anna College, Aralvoymoli, August 23-24, 2013.
- ❖ Theoretical investigations of L – Asparaginium picrate using density functional theory XVIII National Seminar on Crystal Growth (XVIII-NSCG-2014) Centre for Crystal Growth, SSN College of Engineering February 24-26, 2014.
- ❖ Linear and nonlinear optical properties of glycine lithium sulphate XVIII National Seminar on Crystal Growth (XVIII-NSCG-2014) Centre for Crystal Growth, SSN College of Engineering February 24-26, 2014.
- ❖ Vibrational spectral analysis and first hyperpolarizability studies of L-Prolinium tartrate based on DFT methods XVIII National Seminar on Crystal Growth (XVIII-NSCG-2014) Centre for Crystal Growth, SSN College of Engineering February 24-26, 2014.
- ❖ Spectroscopic, thermal and mechanical behavior of L – Isoleucine D - Norleucine single crystals XVIII National Seminar on Crystal Growth (XVIII-NSCG-2014) Centre for Crystal Growth, SSN College of Engineering February 24-26, 2014.
- ❖ Growth and Characterization of Ammonium Pentaborate Crystals National Seminar on Recent Advances in Materials Science (RAMS 2014) Bharathidasan University February 3-4, 2014
- ❖ Studies of Pure and Doped Triglycine Sulpho-Phosphate (TGSP) Crystals National Seminar on Recent Advances in Materials Science (RAMS 2014) Bharathidasan University February 3-4, 2014
- ❖ Growth of L-Histidine Hydrochloride Monohydrate Crystals and its Characterization National Seminar on Recent Advances in Materials Science (RAMS 2014) Bharathidasan University February 3-4, 2014
- ❖ Mechanical, Dielectric and Photoconductivity Studies on Pure, Mg and Cu doped LAA Single Crystals National Seminar on Recent Advances in Materials Science (RAMS 2014) Bharathidasan University February 3-4, 2014
- ❖ Synthesis, Growth and Characterization of L-Valine Cadmium Bromide – A Nonlinear Optical Single Crystal, National Seminar on Recent Advances in Materials Science (RAMS 2014) Bharathidasan University February 3-4, 2014
- ❖ Nonlinear optical, spectral, dielectrical and thermal analysis on pure and Mg<sup>2+</sup> metal doped L-Histidine Hydro bromide single crystals, National Seminar on Recent Advances in Crystal Growth and Nanomaterials-NSCGNM-2014, National College, Tiruchirappalli.
- ❖ Growth and Characterization of pure and metal doped L-Histidine Hydrochloride single crystals, National Seminar on Recent Advances in Crystal Growth and Nanomaterials-NSCGNM-2014, National College, Tiruchirappalli.
- ❖ Spectral, optical, dielectrical properties of pure and metal doped L-Histidine Acetate semi organic single crystals, National Seminar on Recent Advances in Crystal Growth and Nanomaterials-NSCGNM-2014, National College, Tiruchirappalli.

- ❖ Growth and Characterization of non-linear optical pure and metal doped L-alanine acetate single crystals, National Seminar on Recent Advances in Crystal Growth and Nanomaterials-NSCGNM-2014, National College, Tiruchirappalli.
- ❖ Growth, spectral, thermal, and electrical studies of pure and dyes doped L-arginine perchlorate single crystals National Seminar on Recent Advances in Crystal Growth and Nanomaterials-NSCGNM-2014, National College, Tiruchirappalli.

**MoU facilitations:**

Facilitated for an MoU signing between the Physics Department of National College and ISPA (Indian Spectro Physics Association) for the period 2019-21.

**DECLARATION:-**

I certify that the aforementioned information is correct and complete to the best of my knowledge and belief.

**S. Pari**