Aditanar College of Arts and Science
Virapandianpatnam – 628216
Tiruchendur
Bio-data

Name of the department	**: Physics**
Name of the faculty member	**: Dr.P.SELVARAJAN**
Qualification	**: M.Sc., M.Tech., Ph.D., PGDCA**
Present designation	**: Associate Professor of Physics**
Vidwan id	**: 200543**
Residential address	**: 1/416-1, Kurinji nagar, Tiruchendur-628216, Tuticorin district, Tamilnadu**
Contact Nos.	**: 8870428536**
Email	**: pselvarajanphy@yahoo.co.in, pselvarajanphy@gmail.com**
Gender	**: Male**
Community	**: MBC**
Date of birth and Age	**:06-05-1965, 58 years**
Date of joining	**:19-6-2000**
Date of retirement	**:19-6-2025**

I. Particulars of Educational Qualification

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.	Physics	1985	Sri Vasavi college, Erode	Bharathiar University, Coimbatore	78%	First
PG	M.Sc.	Physics	1987	Sri Ramakrishna Vidhyalaya, Coimbatore	Bharathiar University, Coimbatore	73%	First
M.Tech.	M.Tech.	Industrial Physics	1989	IIT, Kharagpur	IIT, Kharagpur	CGPA=8.57/10	First
Ph.D.	Ph.D.	Crystal growth	1993	IIT, Kharagpur	IIT, Kharagpur		
PGDCA	PGDCA	Computer	2003	Part-time	M.S. University, Tirunelveli	81%	First

II **Additional Qualification** : **GATE exam conducted by IIT, NET/SLET** **score: 92.25 percentile**

III **Title of Ph.D. thesis** : Studies on the effect of laser excitation or electric fields on optical absorption, thermoluminescence and dielectric properties of LiF and TGS crystals irradiated with X-rays

IV **Faculty/Discipline/Subject in which Ph.D. was awarded** :

List of Publications : (Details attached in separate sheet)

No. of Candidates Completed Ph.D. under your Guidance : (Details attached in separate sheet)

No. of candidates doing Ph.D. under your Guidance : (Details attached in separate sheet)

V Academic Experience:

Name of the College	Whether Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Christ College, Bangalore	S.F.	Lecturer in Physics	20-6-1994	18-7-2000	6 years	1 month	2 days
Aditanar College of Arts and Science, Tiruchendur	Aided	Associate Professor of Physics	19-6-2000	Till date	23 years	6 months	25 days
				Total	29 years	7 months	27 days

VI Administrative/other experience:

1. Outstanding Reviewer award given to me by Elsevier Publications.
2. Best NSS programme officer award, M.S. University, Tirunelveli, for the academic year 2013-2014.
3. Best NSS unit (Unit No. 43) award for the academic year 2012-2013.
4. Research Paper Reviewer for the Journals like Materials Research Bulletin, Materials Science and Engineering B, Materials Chemistry and Physics etc
5. Approved M.Phil. guide of M.S.University, M.K. University , Bharathidasan Allagappa and Periyar Univsersities.
6. Gave a speech on Nanoscience on AIR, Tuticorin on 4-1-2008.
7. A member appointed by University to approve B.Sc. course in nanoscience at Sarah Tucker College, Tirunelveli
8. Six books on Ancillary Physics have been published
9. Ph.D. theses valued Approved Ph.D. guide of Manonmaniam Sundaranar University, Tirunelveli, Bharathiar University, Coimbatore and PRIST University, Thanjavur.
10. Member, IQAC, Aditanar College, Tiruchendur (2011-2016).
11. Editorial board member in the International journals viz. Recent Research in Science and Technology, World Journal of Science and Technonogy, International Journal of simulation in Physics, International Journal of open scientific research.
12. Member, Physics board of studies, Manonmaniam University, Tirunelveli.
13. Member, Physics board of studies, Bharathiar University, Coimbatore and St.Joseph's college, Tirunelveli.
14. Completed Major projects sponsored by UGC and DST

15. Member, Physics board of studies, St.Mary's college, Tuticorin
16. Subject expert appointed by M.S. university for selecting Assistant professors in ST Hindu College, Nagercoil and St.Joseph's college, Tirunelveli

VII) Other relevant information : a) Details of seminars organized

1) Regional Seminar on Crystal growth and nanoscience (CRYSTAL-NANO-2007) was orgainized at Aditanar College of Arts and Science, Tiruchendur during 30th, 31 st, August, 1 st September, 2007. (UGC sponsored)
2) State level seminar on Crystal growth and nanotechnology organized at Aditanar College, Tiruchendur on 18-10-2008 (Management sponsored)..
3) National Conference on Crystal Growth, Thin Films and Nano-structured Materials organized at Aditanar College, Tiruchendur during August 5th and 6th , 2009. (UGC sponsored)
4) XVI National seminar on crystal growth at Aditanar college of arts and science, Tiruchendur during January 19-21, 2012 (DST, BRNS, UGC sponsored).
5) National seminar on recent trends in materials science organized at Aditanar college of arts and science, Tiruchendur on16-2-2018.
6) International conference on advanced materials organinsed at Aditanar college of arts and science, Tiruchendur on 26th August, 2019.
7) International conference on technologically important materials for device fabrication organized at Aditanar college of arts and science, Tiruchendur on 1-9-2023.

b) Details of invited talks/presented papers in seminars/conferences :

1. 24th National seminar on crystal growth and applications organized at Periyar University, Salem during 3-5 February, 2020 **(Invited talk).**
2. 22nd national seminar on crystal growth and applications held at Sacred Heart College, Tirupattur during 29-31 January, 2018 (**Invited talk).**
3. 21st National seminar on crystal growth and applications at National college, Trichy during 6-8th March, 2017 **(Invited talk)**
4. National conference on current advancement in Physics at St.John's college, Palayamkottai during 3-4th Feb., 2017 **(Invited talk).**
5. International conference on materials processing and applications at VIT, Vellore during December 14-16, 2016 **(Invited talk).**
6. National seminar on nanoscience and nanotechnology at St.Ignatius college of education, Palayamkottai on 14th October, 2017 (**Invited talk).**
7. Second International conference on Advances in Materials science and Technology at VIT, Vellore during 9-11, October 2017 **(Invited talk).**
8. Title of invited talk: Investigations growth and characterization of some third-order NLO crystals, International conference on Materials and characterization techniques, VIT, Vellore, March 10-12, 2014. **(Invitedtal**k)
9. Title of the invited talk: Fundamentals of Nonlinear Optical Crystals and their Characterization, State level seminar on Crystal science and

Nanotechnology (UGC sponsored), Government Arts College, Karur, 6-10-2014 (**Invited talk**).

10. Title of invited talk: Studies on various properties of L-alanine and dimethyl urea picrate crystals grown by solution method, XVIII National seminar on crystal growth, SSN college of engineering, Chennai, Feb.24-26, 2014 **(Invited talk)**
11. Title of the invited talk: Nucleation and studies of organic NLO crystals, National Conference on Innovative Trends in Materials Science, : Arignar Anna College, Nagercoil, August 23-24, 2013. (**Invited talk)**
12. Title of the invited talk: Nonlinear optical crystals and characterization Seminar: National Seminar on Materials: Process and Applicatins of Novel Technologies, H.H.M.S.P.B.N.S.S. College for Women, Tiruvananthapuram, Kerala, November 7-8, 2013**. (Invited talk)**
13. Title of the invited talk: Nucleation phenomena, Crystal growth and Characterization of some organic NLO crystals, National seminar on recent trends in crystal growth and nanomaterials, National College, Trichy,March 13-15, 2013. (**Invited talk)**
14. Title of the invited talk: Fundamentals, growth and studies of some nonlinear optical crystals, Second National seminar on new materials research and nanotechnology, Govt. Arts College, Ooty, September 25-27, 2013.(**Invited talk).**
15. Seventeenth National Seminar on Crystal growth, Anna Unversity, Chennai, January 9-11, 2013, (**Invited talk**)
16. National Seminar on Recent Trends in Crystal Growth and Nano Materials 2012,held during 15-17, March 2012, National College, Trichy **(Invited talk).**
17. National seminar on new materials research and nanotechnology at Govt. Arts College, Ooty, 12-14, September 2012**.(Invited talk)**
18. XV National seminar on crystal growth, at PSN college of Engineering, Tirunelveli, 23-25, Febuary 2011 **(Invited talk)**
19. National conference on recent trends on crystal growth and nanotechnology, Arignar Anna college, Aralvoymoli, Nagercoil, 28-29, January 2011 **(Invited talk).**
20. National conference on Advanced Materials, PSN College of Engineering and Technology, August 27-29th, 2009 **(Invited talk)**
21. National Seminar on Crystalline materials and nanotechnology, Malankara Catholic College, Mariagiri-629153, Tamil Nadu, Feb.26-27th , 2009**(Invited talk)**
22. Seminar on Lasers and Optics, M.K.University, Madurai, Feb.3-5, 2003.
23. Tenth National seminar on crystal growth, Kongu Engineeering College, Erode, January, 27-29, 2005.
24. Symposium on nonlinear optical crystals and modelling in crystal growth, Anna University, Chennai, Feb. 28 to Mar. 1, 2005.
25. Seminar on Photonics, M.K.Univsersity, Madurai, July 18-19, 2005.
26. Regional seminar on Condensed matter Physics, V.V.Vanniaperumal College for women, Virudhunagar, August 17-19, 2005.
27. Seminar on NLO materials, Sivanthi Aditanar College, Nagercoil, Sep. 2, 2005.
28. National conference on preparation of crystalline materials, S.T.Hindu College, Nagercoil, Jan. 19-21, 2006. **(Invited talk)**
29. National symposium on crystal growth and characterization , Loyola College, Chennai, Sep. 29-30, 2005.
30. Second National symposium on crystal growth and laser related materials, SSN College of Engineering, Kalavakkam, Chennail, Dec. 19-20, 2005**.(Invited talk)**
31. National conference on recent advances in Materials Science, Periyar University, Salem, Feb. 16-17, 2006.
32. National seminar on advances in Materials Science, M.S. University, Tirunelveli, March 27-28, 2006.

33. 11 th National seminar on crystal growth, SSN College of Engineering, Kalavakkam, Chennai, Dec. 7-9, 2006(**Invited talk).**
34. International conference on Modelling and Simulation, CIT, Coimbatore,
27-29th August, 2007.
35. National seminar on crystal growth of nonlinear optical materials, National College, Trichy, Mar. 3-4, 2008.
36. National conference on emerging trends in crystal growth and nanomaterials , Loyola college, Chennai, Feb. 28-29, 2008. **(Invited talk**)

ATTACHMENTS

List of scholars completed Ph.Ds. under my guidance

Dr.N.Joseph John, Manonmaniam Sundaranar University,Tirunelveli (2008-2009).
Title of the Ph.D.thesis: Growth and Characterization of some hydrogen phosphate single crystals

(Completed)

Dr. N. Theresita Shanthi, Manonmaniam Sundaranar University, Tirunelveli (2008-2009).
Title of the Ph.D.thesis: Studies on TGS single crystals doped with halide compounds

(Completed)

Dr.C.Krishnan, Manonmaniam Sundaranar University,Tirunelveli (2009-2010).
Title of the Ph.D.thesis: Structural, electrical, spectroscopic, thermal and mechanical properties of ZTS doped with some alkali halides

(Completed)

Dr.A.Sivadhas, Manonmaniam Sundaranar University,Tirunelveli (2009-2010).
Title of the Ph.D.thesis: Characterization of triglycine sulpho-phosphate crystals doped with divalent metal impurities

(Completed)

Dr.S.L.Rayar,Manonmaniam Sundaranar University, Tirunelveli (September, 2010).
Title of the Ph.D. thesis: Growth and Characterization of nonlinear optical single crystals: L- histidine trifluroacetate, L-histidine tetrafluroborate(LHFB),L-arginine tetrafluroborate(LAFB) and divalent doped L-arginine acetate(LAA)

(Completed)

Dr.A .S .J. Lucia Rsoe, Manonmaniam Sundaranar University, Tirunelveli (2012-2013),
Title of the Ph.D.thesis: Studies of some L-alanine and urea based nonlinear optical single crystals grown by solution method.

(Completed)

Dr.E.Kumar, PRIST University, Thanjavur (2012-2013)
Title of the Ph.D. thesis: Synthesis and characterization of metal-oxide nanomaterials doped with polymers

(Completed)

Dr.J.Glorium Arulraj, Manonmaniam Sundaranar University,Tirunelveli (2012-2013).
Title of the Ph.D. thesis: Investigations on growth and characterization of Some glycine based undoped and doped single crystals

(Completed)

Dr.B.Helina, Manonmaniam Sundaranar University, Tirunelveli (2013)
Title of the Ph.D. thesis: Studies on growth and characterization of single crystals of gamma-glycine and some glycine complexes

(Completed)

Dr.S.Lincy Mary Ponmani, Manonmaniam Sundaranar University, Tirunelveil (2012-2013)
Title of the Ph.D. thesis: Structural, spectroscopic, electrical and mechanical properties of beta-alanine and DL-alanine based single crystals

(Completed)

Dr.N.Balasundari, Manononmaniam Sundaranar University, Tirunelveli (2012-2013).
Title of the Ph.D. thesis: Investigations on structural, optical, thermal, electrical and mechanical properties of NLO based and doped bis-glycine picrate and zinc tris thiourea sulphate single crystals

(Completed)

Dr.D.Jencylin Navarani, Manonmaniam Sundaranar University, Tirunelveli,(2013-2014).
Title of the Ph.D. thesis: Studies on characterization of some NLO based undoped and doped single crystals grown by solution method.

(Completed)

Dr.K.Balasubramanian, PRIST University, Thanjavur (2011-2012)
Title of the Ph.D. thesis: Growth and studies of some ferroelectric crystals doped with some divalent impurities.

(Completed)

Dr.Sivasankari, Manonmaniam Sundaranar University, Tirunelveli (2014-2015).
Title of the Ph.D. thesis: Growth and various studies of L-malic acid based single crystals

(Completed)

Dr.R.Jothimani, Manonmaniam Sundaranar University, Tirunelveli (2014-2015).
Title of the Ph.D. thesis: Investigations on growth and characterization of some NLO based L-alanine dependent single crystals.

(Completed)

Dr.R.Kumuthini, Manonmaniam Sundaranar University, Tirunelveli (2015-2016).
Title of the Ph.D. thesis: Studies on crystallization and characterization of

(Completed)

Dr.R.Thamizhselvi, Manonmaniam Sundaranar University, Tirunelveli (2015-2016).
Title of the Ph.D. thesis: Physical characteristics, chemical properties, jotophine compound analysis and antifungal studies on jatropha curcas samples using various spectroscopic techniques.

(Completed)

Dr.A.S.I. Joy Sinthiya,
PRIST University, Thanjavur (2014-2015).
Title of the Ph.D. thesis: Investigations on nucleation kinetics, growth and studies of some L-asparagine based NLO crystals.

(Completed)

Dr.C.Anbulakshmi Manonmaniam Sundaranar University, Tirunelveli (2020).
Title of the Ph.D. thesis: CRYSTALLIZATION AND CHARACTERIZATION OF L-TARTARIC ACID AND L-LYSINE BASED CRYSTALS FOR LASER APPLICATIONS

(Completed)

Dr. .Jude Brillin Manonmaniam Sundaranar University, Tirunelveli (2018).
Title of the Ph.D. thesis: INVESTIGATIONS ON GROWTH AND STUDIES OF SOME CRYSTALS FOR NLO APPLICATIONS

(Completed)

Dr.T.Manju Manonmaniam Sundaranar University, Tirunelveli (2018).
Title of the Ph.D. thesis: STUDIES ON INFLUENCE OF METAL DOPANTS AND ORGANIC DOPANTS ON VARIOUS PROPERTIES OF NLO CRYSTALS

(Completed)

Dr.D.Shanthi Manonmaniam Sundaranar University, Tirunelveli (2018).
Title of the Ph.D. thesis: GROWTH, SPECTRAL, THERMAL AND OTHER PROPERTIES OF SOME SINGLE CRYSTALS FOR OPTICAL APPLICATIONS

(Completed)

Dr.R.Thilagavathi Manonmaniam Sundaranar University, Tirunelveli (2016).
Title of the Ph.D. thesis: GROWTH AND CHARACTERIZATION OF SOME GLYCINE BASED CRYSTALS

(Completed)

Dr.V.Vasantha Kumari Manonmaniam Sundaranar University, Tirunelveli (2016).
Title of the Ph.D. thesis: GROWTH AND STUDIES OF SOME L-PROLINE COMPOUND CRYSTALS

(Completed)

Dr. M. Andiappan Manonmaniam Sundaranar University, Tirunelveli (2017).
Title of the Ph.D. thesis:GROWTH AND STUDIES OF SOME CADMIUM SULFATE BASED NONLINEAR OPTICAL CRYSTALS

(Completed)

Dr.S. Gracelin Juliana Manonmaniam Sundaranar University, Tirunelveli (2017).
Title of the Ph.D. thesis:NUCLEATION KINETICS, GROWTH AND STUDIES OF
SOME UNDOPED AND DOPED NONLINEAR OPTICAL AND FERROELECTRIC CRYSTALS

(Completed)

Dr.P.S. ANGEL PRABHA Manonmaniam Sundaranar University, Tirunelveli (2020).
Title of the Ph.D. thesis:GROWTH AND STUDIES OF SOME MIXED CRYSTALS FOR SECOND ORDER AND THIRD ORDER NLO APPLICATIONS

(Completed)

Dr.P. MANIMEKALAI Bharathiar University, Coimbatore (2018).
Title of the Ph.D. thesis: INVESTIGATIONS ON GROWTH AND STUDIES OF SOME UNDOPED AND DOPED ORGANIC, INORGANIC AND SEMIORGANIC NLO CRYSTALS

(Completed)

Dr.K. Thilaga Manonmaniam Sundaranar University, Tirunelveli (2023).
Title of the Ph.D. thesis: Investigation on growth and characterization of certain second-order and third-order NLO single crystals for applications of laser technology

(Completed)

Dr.D.Nallamuthu Manonmaniam Sundaranar University, Tirunelveli (2009).
Title of the Ph.D. thesis: Studies on Growth and Characterization of Barium Hydrogen Phosphate(BHP) and Triammonium Barium Pentachloride(TABPC) crystals doped with metal ions

(Completed)

List of candidates doing Ph.D. under my guidance

1) A.Suba, Title of Ph.D. work: Synthesis and characterization of some germanium dioxide based nanocomposites, Year of registration: 2018

2) S.Prema Thanapackiam, Title: Investigations on growth and characterization of some rare earth sulfates based NLO crystals, Year of registration: 2020

3) L.R. Latha, Title: Investigations on growth and characterizations of some NLO crystals for laser applications, Year of registration: 2020

4) S.Sudhar Thini, Title: spectral, mechanical, electrical, thermal and NLO studies of some l-histidine based single crystals, Year of registration: 2017 (Thesis submitted)

List of papers published

1. K.Thilga, P.Selvarajan, S.M.Abdul Kader, J. Molecular Structure 1270 (2022) 133841.
2. ASuba, P.Selvarajan, J.Jebaraj Devadasan, Chemical Physics Letters 793(2022) 139463.
3. K.Thilga, P.Selvarajan, S.M.Abdul Kader, Physics and Chemistry of Solid State 23 (2022) 210- 215.
4. S.Vasumathi, H.Johnson Jeyakumar, P.Selvarajan, J. Molecular Structure 1263(2022) 133158.
5. V. Kathiravan, G. Satheesh kumar, S. Pari, P. Selvarajan Journal of molecular structure, 1223 (2021) 128958.
6. J. Uma Maheswari, C. Krishnan, S. Kalyanaraman, P. Selvarajan, Journal of Functional Materials and Biomolecules, 1 (2017)6-12.
7. J. Uma Maheswari, C. Krishnan, S. Kalyanaraman, P. Selvarajan, Physica B (2016) 32-38.
8. J Uma Maheswari , C Krishnan , S Kalyanaraman and P Selvarajan, Mat.Res.Express 3 (2016) 105101.
9. D. Shanthi, P. Selvarajan, S. Peruml, Optik 127 (2016) 3192–3199.
10. R. Gandhimathi, C. Muthu Krishnan, P. Selvarajan, Optik 126 (2015) 2925–2929.
11. D Shanthi, P.Selvarajan, Physica Scripta 89 (2014) 125805.
12. A. Shanthi, C. Krishnan, P. Selvarajan, J. Crystal Growth, 393(2014) 7.
13. S. Nazarath Begum, U. Sankar, T. ChithambraThanu, P. Selvarajan, Optik, 125(2014)149.
14. E. Kumar, P. Selvarajan , D. Muthuraj, J. Materials Science, 47 (2012) 7148.
15. D. Shanthi, P. Selvarajan, R. Jothi Mani, Optik, 124(2014) 2531.
16. C. Vijayakumar, M. Brightson, S.L. Rayar & P. Selvarajan, J. Experi. nanoscience, iFirst (2012) 1-8. DOI: 10.1080/17458080.2012.67552.
17. A.S.J. Lucia Rose, P. Selvarajan, S. Perumal, Materials Chemistry and Physics 130 (2011), 950.
18. A.S.J. Lucia Rose, P. Selvarajan, S. Perumal, Spectrochimica Acta Part A (2011) 270.
19. B. Helina, P. Selvarajan and A. S. J. Lucia Rose, Physica Scripta 85 (2012) 055803
20. P.Selvarajan, J.Glorium Arul Raj, S.Perumal, J. Crystal Growth 311(2009) 3835.
21. N.Theresita Shanthi, P.Selvarajan, C.K.Mahadevan, Current Applied Physics, 9(2009)1155.
22. P.Selvarajan, A.Siva dhas, T.H.Freeda, C.K.Mahadevan, Physica B 403 (2008) 4205.
23. N.J.John, P.Selvarajan, C.K.Mahadeven, Mater. Manufact. Process., 22 (2007) 379.
24. C.Krishnan, P.Selvarajan, T.H.Freeda, Materials Letters, 62 (2008) 4414.
25. C.Krishnan, P.Selvarajan, T.H.Freeda, J.Crystal Growth 311 (2008) 141.
26. P. Selvarajan, J. Glorium Arulraj, S. Perumal, Physica B, 405 (2010) 738.
27. P.Selvarajan, B.N.Das, H.B. Gon and K.V.Rao, J.Mater.Sci. Letters 11 (1992) 1312.
28. P.Selvarajan, B.N.Das, H.B. Gon and K.V. Rao, J. Mater. Science Letters 12 (1993) 1210.
29. J. Glorium Arul Raj, P. Selvarajan, S. Perumal, and N. Murali Krishnan,
30. Mater.Manufact.Process. 26 (2011) 1254.
31. C.Krishnan, P.Selvarajan, T.H.Freeda, Mat.Manufact. Process., 23 (2008) 800.
32. P. Selvarajan, B.N.Das, H.B. Gon and K.V.Rao, J. Materials Science 29 (1994) 4061.
33. A. Sivadhas, P.Selvarajan, T.H.Freeda, Materials and Manufacturing Processes, 24: 1–6, 2009
34. D. Nallamuthu, P. Selvarajan and T.H. Freeda, Asian Journal of Chemistry
35. (2010) 6077.
36. A. S. J. Lucia Rose, P. Selvarajan, S. Perumal, Rec.Res. Sci. Technol.2010,
37. 2(3): 76-79
38. D. Nallamuthu, P. Selvarajan and T.H. Freeda, International Journal of Pure

39. and Applied Physics, 6, 3 (2010), pp. 353–364
40. P.Selvarajan, B.N. Das, H.B.Gon and K.V. Rao, Indian J. Pure and Appl.
41. Physics 30, 743 (1992) P.Selvarajan, B.N.Das, H.B.Gon and K.V.Rao Indian J. Pure and Appl. Physics 31, 771 (1993).
P. Selvarajan, B.N. Das, H.B. Gon and K.V. Rao., Indian J. of Pure and
Appl. Physics 31,_838 (1993). T. Vela, P. Selvarajan, T. H. Freeda, J.Experimental Sciences 8(2010) 29.
42. P.Selvarajan**,** World J. Sci. Techn. 1(2011) 52.
43. .M.Rajamoorthy, P.Selvarajan, N.Srinivasan, Bull. Pure and Appl.Sci., 24D, 33(2005)
44. Fernando Loretta, T. Josephine Rani, P. Selvarajan, S. Perumal and S. Ramalingom, World J.
45. Sci. Tech. 1 (2011) 01-06.
46. N. Theresita Shanthi, P. Selvarajan and A. S. J. Lucia Rose, Optics:
47. Phenomena, Materials, Devices, and Characterization, AIP Conf. Proc. 1391,
48. (2011) 164.
49. P.Selvarajan et al, J. Minerals and Materials Characterization and Engineering, 11(2012)1069.
50. R.Jothi Mani, P. Selvarajan, Int.J.Chem. Tech. Res. 6 (2014)4702.
51. C.Anbulakshmi, P.Selvarajan, S.Selvaraj, J. Research and Analytical Reviews**,** 5 (2018) 917-921. (UGC approved journal).
52. C.Anbulakshmi, P.Selvarajan, S.Selvaraj, International J. Research,(2019) 186-197 (UGC approved journal).
53. Shanthi. D, Selvarajan. P, S.Perumal, Materials Today: Proceedings,
54. vol. 2, no. 3, pp. 943-8, 2015.
55. Shanthi, D, Selvarajan, P, HemaDurga, K & Ponmani, SLM, Spectrochimica Acta Part A, vol. 110, pp. 1-6, 2013.
56. Shanthi D, Selvarajan, P & Perumal. S, Journal of Applied Science and Comp. vol. 5, no. 10, pp. 970-982, 2018.
57. Shanthi D, Selvarajan, P & Perumal. S, Int. J. Research and Analytical Reviews, vol. 5, no.4, pp. 525-534, 2018.
58. Selvarajan, P, Mani, RJ & Shanthi, D., Optoelectronics and Advanced Materials-Rapid Communications, vol. 9, no. 7-8, pp. 937-43, 2015.
59. Shanthi, D, Selvarajan, P & Perumal.S, Int. J. Science and Research, pp.72-75, 2014.
60. .Selvarajan, P, Devadoss, HA & Shanthi, D, Advances in Optoelectronic
61. Materials, vol. 1, no. 4, pp. 67-73, 2013.
62. T.Manju and P.Selvarajan, Int.J. Current research and Modern education,
63. Volume 3. Issue1, 2018, pp. 523-533. (UGC approved)
64. T.Manju and P.Selvarajan,Asian J. Engineering and applied Technology,
65. Vol.7, No.1 2018, pp. 53-58. (UGC approved)
66. T.Manju and P.Selvarajan, Int.J. Applied Engineering Research, Volume 13,
67. Number 13 (2018), pp. 11054-11061. (UGC approved).
68. J.Jude Brillin and P.Selvarajan, Int. J. Scientific research and Reviews,
69. vol.7, issue 2, pp. 404-420, 2018 (UGC approved).
70. J.Jude Brillin and P.Selvarajan, Int. J. Res. Analytical Reviews, vol.5, issue
71. 3, pp. 1105- 1111, 2018 (UGC approved).
72. P. Manimekalai and P. Selvarajan, Int. J.Advanced Scientific and Technical
73. Research, Vol. 5(6) (2016) 440- 456 (UGC approved).
74. P. Manimekalai and P. Selvarajan, Int. J. Engineering and Advanced
75. Technology, Vol. 6, Issue 6 (2017) 78-82 (UGC approved).
76. U. Rajesh Kannan, G. Narayanasamy, S. Subramanian, P. Selvarajan, (2017),
77. Int. J. Advanced Trends in Engineering and Technology, vol. 2, pp.185-
78. 193,2017. (UGC Approved)
79. U. Rajesh Kannan, G. Narayanasamy, S. Subramanian, P.Selvarajan, Journal
80. of Applied and Advanced Research,vol.3, pp. 1–8, 2018. (UGC Approved)