



BIO-DATA

1.Name	Dr. T.VELA
2.Husband's Name	P.GOMATHI SUNDARAVEL
3.Sex	FEMALE
4.Permanent address	T.VELA, W/o P.GOMATHI SUNDARAVEL, PLOT NO.16W, 'ANBAGAM', SIVANANTHAR COLONY, REDDIARPATTI, PERUMALPURAM-P.O, TIRUNELVELI-627 007.
5.Address for communication	T.VELA, W/o P.GOMATHI SUNDARAVEL, PLOT NO.16W, 'ANBAGAM', SIVANANTHAR COLONY, REDDIARPATTI, PERUMALPURAM-P.O, TIRUNELVELI-627 007.
(Phone No.and e-mail address)	9486635266, glpriyavela@yahoo.in
6.a)Date of Birth	20-04-1977
b)Place of Birth	AMBASAMUDRAM
c)District and state	TIRUNELVELI, TAMIL NADU
7. Nationality and Religion	INDIAN, HINDU
8. Name of the community and Sub-caste	THONDAI MANDALA MUDALIAR, (O.C.)

9. Teaching Experience	
a) Institution	The M. D. T. Hindu College, Tirunelveli-10
b)Position	Assistant Professor of Physics
c)Teaching	UG , PG and M. Phil. classes
d)Duration	1)From 5/9/2008 to 12/1/2016(Management staff) 2)From 13/1/2016 to 02/08/2017(FDP Substitute Teacher)
e)M.Phil. Teaching experience	From 2013 onwards
f)Total years of service	7 Years and 10 Months

10. PG, M.Phil. Guidance and Research Experience	
a)Number of candidates guided for P.G. project	: 1
b) Number of candidates guided for M. Phil.	: 5
c) Number of years of Research Experience including Post Doctoral	: 7
d) Number of Publications in International Journals (With ISSN/ISBN)	: 9
e) Number of Papers published in Proceedings(without ISSN/ISBN)	: 4
f) Number of Papers presented in International Conferences	: 2
g) Number of Papers presented in National Seminars	: 11

I hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge.

Place: Tirunelveli

Date:

(T.VELA)

List of Publications in International Journals (With ISSN/ISBN) - 9

1. Growth and Characterization of Bis L-Alanine Picrate (BLAP) single crystals

T.Vela, P. Selvarajan, T.H. Freeda

Journal of Experimental Sciences, Vol.1, issue 8, Pages 29-32 [2010]. (ISSN: 2218-1768)

2. Synthesis, Growth and Material Characterization of Bis L-Alanine Triethanolamine (BLATEA) single crystals Grown by Slow Evaporation technique

T.Vela, P. Selvarajan, T.H. Freeda

Journal of Minerals and Materials characterization and engineering, Vol.10, PP-959-972, 2011.

3. Growth and characterization of pure and semiorganic NLO Lithium Sulphate admixtured L-Alanine (LSLA) crystal

T. Vela, P. Selvarajan, T. H. Freeda, K. Balasubramanian

Journal of Physica Scripta, 87 (2013) 045801.

4. Characterization on sodium chloride admixtured L-Asparagine monohydrate by slow evaporation technique

T. Vela

International Journal of Current Research, Vol.6, Issue 04, pp.6188-6196, April, 2014. (ISSN: 0975-833X).

5. Growth of L-Asparagine Sodium Chloride Acetate (LASCA) crystal and its studies such as structural, optical, mechanical, thermal and dielectric studies

T. Vela

Archives of Physics Research, 2014, 5(3):49-58. (ISSN : 0976-0970).

6. Growth, optical, spectral and mechanical studies of pure L-Asparagine and its based crystal.

T. Vela, E.Essaki, G. Rajan

Journal of chemical and pharmaceutical sciences, issue 11:October 2015,151, (ISSN: 0974-2115).

7. Synthesis, Growth, Solubility and Characterisation of Pure L-Asparagine and its based crystal LABP.

T. Vela, I. ShubaShini

Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333.

8. Synthesis, Growth and characterization of pure L-Asparagine and its based crystal:L- Asparagine admixed with cadmium chloride using different solutions.

T. Vela and I. Shubashini

Journal of Advanced Applied Scientific Research – ISSN: 2454-3225.

9. Synthesis, Growth, Structural, Spectral, Mechanical and Optical Studies of pure L-Alanine and its based crystal

T. Vela and I. ShubaShini

VI National Seminar on Advances in Materials Science – NSAMS-2017, March 2, 3 – 2017, Manonmaniam Sundaranar University, Tirunelveli, ISBN-978-93-81402-40-5.

List of Papers published in Proceedings (without ISSN/ISBN) - 4

1. Growth and structural studies of L-Asparagine admixed with sodium chloride crystal

T. Vela, K. Balasubramanian

RTMS – Sadakathullah Appa College, Tirunelveli – 17th December 2012.

2. Growth, Structural, FTIR Spectroscopic and NLO Studies of L-Asparagine admixed with sodium chloride crystal

T. Vela, P. Selvarajan, T.H. Freeda, K. Balasubramanian

IIIrd National Conference on Advanced Materials (3rd NCAM – 2013), February 2013, PSN College of Engineering and Technology, Melathediyoore, Tirunelveli – 627 152, Tamilnadu, India.

3. Growth and various characterizations such as single powder XRD and FTIR studies on sodium chloride admixed L-Asparagine (LASSC) crystal

T. Vela

National seminar on materials and Nanomaterials NSMNM-2013, ST.Xavier's College, Palayamkottai, March 7-8, 2013.

4. Studies on growth, structure, NLO, optical, electrical and EDAX analysis of L-Asparagine admixed with sodium chloride

T. Vela

XVII National seminar on crystal growth (with International participation), Centre for crystal growth, SSN college of Engineering, Chennai, Feb 24-26, 2014.

List of Papers presented in International Conferences - 2

1. Powder XRD, Single XRD and Dielectric studies of Bis L-Alanine – Lithium Sulphate Crystal

T. Vela, P. Selvarajan, T.H. Freeda

International Conference on Advanced materials ICAM 2012 – 5th to 7th January 2012 – Loyola College, Chennai – 600 034, Tamilnadu, India.

2. Synthesis, Growth, Dielectric, Conductivity studies of Bis L-Alanine Triethanolamine (BLATEA) Single Crystals grown by slow evaporation technique

T. Vela, P. Selvarajan, T.H. Freeda

International Conference on Recent Trends in advanced Materials, 20-22, February 2012, Vellore Institute of Technology, Vellore – 632 014, Tamilnadu, India.

List of Papers presented in National Seminars -11

1. Contributed Paper in the UGC-Sponsored National Conference

T. Vela

National Conference on Recent Trends in Crystal Growth and Nanotechnology January 28-29, 2011 at Arignar Anna College, Aralvoymozhi, Tamilnadu.

2. Growth, Structural, Thermal, Mechanical, Spectral and Dielectric Properties of Bis-L-Alanine Picrate (BLAP) Crystals

T. Vela

XV National Seminar on Crystal Growth, February 23-25, 2011, PSN College of Engineering & Technology, Melathediyoore, Tirunelveli.

3. Growth, Structural and Optical Properties of Bis-L-Alanine Tri Ethanolamine (BLATEOA) Single Crystal

T. Vela

National Seminar on Recent Advancements in Materials Research, March 3 & 4, 2011, Scott Christian College (Autonomous), Nagercoil, Tamilnadu.

4. Growth and Characterization of L-Alanine Phthalide Crystal

T. Vela, P. Selvarajan, T.H. Freeda

XVI National Seminar on Crystal Growth, 19-21, January 2012 – Aditanar College of Arts and Science, Tiruchendur – 628216, Tamilnadu, India.

5. Synthesis, Growth, Single XRD and Characterization of BLATEA Single Crystals

T. Vela, P. Selvarajan, T.H. Freeda

National Seminar on advances in Material Science – 23 and 24 January 2012, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India.

6. Growth, Structural, NLO and Mechanical studies of Phthalic acid admixed L-Alanine

T. Vela, P. Selvarajan, T.H. Freeda

National Seminar on Technologically Important Crystalline and Amorphous Solids (TICAS – 2012), 2-3 March 2012, Kalasalingam University, KrishnanKoil – 626 126, Virudhunagar, Tamilnadu, India.

7. Study on Characterizations of Phthalic acid admixed L-Alanine grown by Slow Evaporation Technique

T. Vela, P. Selvarajan, T.H. Freeda

DRDO sponsored National Level Workshop on Recent Trends in Inorganic Materials, RTIM-12, 9th and 10th March 2012, National Engineering College, Kovilpatti – 628 503, Tamilnadu.

8. Growth, Structural, Optical and Electrical studies of L-Asparagine admixed with sodium chloride crystal

T. Vela, K. Balasubramanian

National Conference on Advanced Materials NCAM – 2013, February 15-16, 2013, St. Mary's College, Thoothukudi.

9. Growth and Characterization such as Single XRD, Powder XRD, NLO and Thermal studies of L-Asparagine admixed with sodium chloride crystal

T. Vela, K. Balasubramanian

National Conference on "Emerging Trends in Chemistry", March 8-9, 2013,

The M.D.T Hindu College, Tirunelveli.

10. Presented Paper in UGC – Sponsored National Conference

T. Vela

National Conference on Innovative Trends in Materials Science, August 23-24, 2013, Arignar Anna College, Aralvoymoli, Tamilnadu.

11. Growth, PXRD, UV-Visible transmission, absorption and mechanical studies of pure L-Asparagine, LAN and LAP crystals

T. Vela

National Conference on recent trends and advances in Physics, February 19-20, 2015, The M.D.T. Hindu College, Tirunelveli, Tamilnadu.