

RESUME

Dr. N. LALITHA, M.Sc., M.Phil., Ph.D., DSS.,
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OBJECTIVE

I would like to make best use of my acquired skills to the growth of the institution and students.

ACADEMIC PROFILE

QUALIFICATION	NAME OF THE INSTITUTION / UNIVERSITY	YEAR OF PASSING	% OF PASSING
SSLC	Senaithalaivar Higher Secondary school, Papanasam.	2000	88.6%
HSC	Amali Higher Secondary school, Papanasam.	2002	90.2%
B.Sc, (Mathematics)	Thiruvalluvar College, Papanasam	2005	86.5% First Class
M.Sc., (Mathematics)	Manonmaniam Sundaranar University, Tirunelveli.	2007	83.99% First Class with Distn.
M.Phil., (Mathematics)	Manonmaniam Sundaranar University, Tirunelveli.	2008	83.4% First Class
Ph.D., (Full Time) (Mathematics) (2009-2011)	Manonmaniam Sundaranar University, Tirunelveli.	2013	
Dip in Saiva Siddhantha	Madurai Kamaraj University	2008	78% First Class

TEACHING EXPERIENCE – (3 years 5½ months)

- ❖ Worked as a Lecturer in the Department of Mathematics, Vivekanandha College for Women, Tiruchengode, Namakkal District, during June 2008 – April 2009. (UG & PG Level).

- ❖ Worked as a Lecturer in the Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli, during Sep 2011 – April 2012. (UG & PG Level)
- ❖ Worked as a Assistant Professor in the Department of Mathematics, Paramakalyani College, Alwarkurichi during June 2016 – April 2017. Sri (UG & PG Level)
- ❖ Working as a Assistant Professor in the Department of Mathematics, Paramakalyani College, Alwarkurichi from June 2017 to till date. Sri (from June 2018 to Nov.2019 on Maternity leave). (UG & PG Level)
- ❖ Taken many Guest Lectures in Thiruvalluvar College, Papanasam .(UG Level)
- ❖ Taken many Guest Lectures in Sri Paramakalyani College, Alwarkurichi. (PG Level)

Ph.D., THESIS

- ❖ My Ph.D research work has entitled “A Study of some generalizations in Topology “ under the guidance of Dr.M.Murugalingam, Associate Professor, Thiruvalluvar College, Papanasam.

Ph.D., GUIDESHIP

- ❖ Recognised as an approved Ph.D Guide in Manonmaniam Sundaranar University, Tirunelveli.
- ❖ Currently guiding one Ph.D., Scholar.

PUBLICATIONS

1. Q^* Sets, M. Murugalingam and N. Lalitha, Bulletin of Pure and Applied Sciences, 29E, Issue 2(2010), 369-376.
2. Properties of Q^* Sets, N. Lalitha and M. Murugalingam, Journal of International Academy of Physical Sciences, 15,(2011), 95 – 100.
3. Q^* Sets in Various Spaces, N. Lalitha and M. Murugalingam, Bulletin of Pure and Applied Sciences, 30E, Issue 2(2011), 267-277.
4. Q^* Sets in Bitopological Spaces, N. Lalitha and M. Murugalingam, Bulletin of the Calcutta Mathematical Society, 2011.
5. Operation Order Division of A Group - N.Lalitha, R.M.Muthulakshmi & D.Premalatha, Research and Reflection on Education, Vol.20, No.3A, Oct2022.

6. p-Order Prime Graph, N.Lalitha, R.M.Muthulakshmi & D.Premalatha, Journal of Xi'an Shiyou University, Natural Science Edition, Vol.17, issue 09, 466-470.
7. Independence Number of Order Prime Graph – N.Lalitha, R.M.Muthulakshmi & D.Premalatha, Indian Journal of Science and Technology, 25.04.2024
8. Closure graph of a Topological Space, M. Sattanathan, N. Lalitha and M. Murugalingam, Journal of Advance Research in Pure Mathematics - Communicated.

CONFERENCES

Papers Presented:

1. Presented a Paper in “**13th International Conference of the International Academy of Physical Sciences**” under Young Scientist Award Category held at Dehradun, New Delhi, India during June 14 -16, 2011.
2. Presented a Paper in UGC sponsored “**National Seminar on Applications of Algebra and Number theory**” held at National College, Tiruchirapalli during December 4-5, 2009.
3. Presented a Paper in “**National Seminar on Recent Trends in Mathematics**” (RTM 2011) held at A.P.C.Mahalaxmi College for Women, Thoothukudi, October 12-13, 2011.
4. Presented a Paper in “**National Seminar on Recent Trends in Mathematics**” held at Sri Sarada College for Women, Tirunelveli, March 1, 2017.
5. Presented a Paper in “**National Conference on “Current Scenario in Pure and Applied Mathematics**” held at Sri Sarada College for Women, Tirunelveli, (NCOCSAM) Feb 20, 2018.
6. Presented a Paper in **International Conference on “Recent Trends in Modern Mathematics, RTMM-2021**” held at St.John’s College, Palayamkottai, 23.09.2021 to 24.09.2021.
7. Presented a Paper in **International Conference on “Recent Trends in Mathematics, RETRIM’23**” held at Sarah Tucker College, Palayamkottai, 29.03.202

Participated:

6. Participated in “**National Conference on Algebra, Graph Theory and their Applications**” (NCAGA07) organized by Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli, December 5 -7, 2007.
7. Participated in “**National conference on Recent Advancements in Mathematics**” (NCRAM 2010) Sponsored by CSIR, New Delhi held on St.Xavier’s College(Autonomous) Palayamkottai, Feb 19-20, 2010.

8. Participated in “**One day seminar on Recent Trends in Modern Topology**” organized by the Department of Mathematics, V.V.Vaniaperumal College for Women, Virudhunagar on Feb 16, 2010.

9. Participated in UGC sponsored “**State level Workshop on New Insights in Modern Topology**” organized by Department of Mathematics, Arul Anandar College on March 1, 2010.

10. Participated in “**One day State level Seminar on Functional Analysis and Topology**” (SEFAT 2010) organized by Department of Mathematics, The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli on October , 22nd 2010.

11. Participated in “**One day National Level Workshop on Recent Trends in Topology**” held at Coimbatore Institute of Technology, Coimbatore, January 28th 2011.

12. Participated in “**National Conference on Nonlinear Functional Analysis**” held at Manonmaniam Sundaranar University, Tirunelveli, March 3 – 5, 2011.

13. Participated in “**National Seminar on Modern Topology and its Applications to Graph Theory**” held at Sarah Tucker College, Tirunelveli, January 25th, 2012.

RANK AWARDED

University Second Rank in Part I Tamil in Manonmaniam Sundaranar University 2002- 2004 Examination.

AWARDS RECEIVED

- ❖ Got Endowment prize for **Best student Award** in Mathematics in the year 2004 – 2005 at Thiruvalluvar College in UG level.
- ❖ Awarded **Rolling Cup** for **Mathematical UG level Quiz program** in Kamaraj College, Thoothukudi held on 29.1.2005.
- ❖ Got **Best Paper Presentation Award** in “**National Conference on Current Scenario in Pure and Applied Mathematics**” held at Sri Sarada College for Women, Tirunelveli, (NCOCS PAM) Feb 20, 2018

PROJECTS SUBMITTED

- ❖ Lattice Theory and Boolean Algebra (B.Sc.,)
- ❖ Nets and Filters (M.Sc.,) under the guidance of Dr. S.Somasundaram, Professor, Manonmaniam Sundaranar University, Thirunelveli.
- ❖ Fuzzy Topology (M.Phil.,) under the guidance of Dr. R. Kala, Professor, Manonmaniam Sundaranar University, Thirunelveli.

RESEARCH GUIDANCE : PG & M.Phil.,

- ❖ Guided 15 PG students and 3 M.Phil., students in Manonmaniam Sundaranar University and Sri Paramakalyani College, Alwarkurichi.

OTHER ACTIVITIES

- ❖ Served as NSS Volunteer from 2002 to 2004.
- ❖ Attended 10 days Special NSS camp from 22.1.2003 to 31.1.2003.
- ❖ Participated Mathematical UG level Quiz program in kamaraj College, Thoothukudi held on 29.1.2005 and won **Second Prize**.
- ❖ Participated Mathematical Quiz program in Sri Paramakalyani College, Alwarkurichi held on 04.2.2004 and won **Third Prize**.
- ❖ Participated Mathematical Quiz program in Manonmaniam Sundaranar University, Tirunelveli held on 02.3.2005
- ❖ Participated Mathematical Quiz program in Thiruvalluvar College, Papanasam held on 18.2.2005
- ❖ Got **many prizes** in the following competitions between 2002 & 2005
Thirukkural Essay Writing Competitions
Peria Puranam Elocution Competitions
Poem Composing Competitions
Elocutions in UG level Competitions between 2003 & 2005
- ❖ Got Endowment prize for Regular Attendance in the academic year 2003 - 2004.

WORKSHOP ORGANISED

- ❖ Organised and Attended One day Latex **Workshop** held at Sri Paramakalyani College, Alwarkurichi on 23 September 2016.

SUBJECTS HANDLED

- ❖ Statistics I for B.Sc., Mathematics (Produced 100 % result).
- ❖ Analytical Number theory for M.Sc., Mathematics.(Produced 100% result).
- ❖ Differential Equations for B.Sc., Mathematics (Produced 100% result).
- ❖ Discrete Mathematics for M.Sc., Mathematics.(Produced 100% result).
- ❖ Laplace Fourier Series and Trigonometry for B.Sc., Mathematics (Produced 100% result).
- ❖ Analysis. Algebra, Topology, Operation research for M.Sc., Mathematics (Sharing)

ADDITIONAL QUALIFICATION

- ❖ Passed Junior grade Type Writing (English)
- ❖ Computer knowledge: C, VB, HTML, Java, MS Office, lat

THIRUMURAI & SAIVA SIDDHANTHAM

- ❖ **Diploma in Saiva Siddhanta** (irt rpj;jhe;jj;jpy; gl;lak;)
- ❖ Attended 2 years - Saiva Siddhantha Class from 2004-2005 organised by Thiruvavaduthurai Aadheenam and got **Siddhantha Rathinam Award**.
- ❖ Attended 2 years - Saiva Siddhantha Class from 2008-2009 organised by Thiruvavaduthurai Aadheenam and got **Siddhantha Nanmani Award**.
- ❖ Attended 2 years – Panniru Thirumurai Class from 2011-2012 organised by Thiruvavaduthurai Aadheenam and got **Thirumurai Neri Selvar Award**.
- ❖ Attended **14days Saiva Siddhantha Specical Course** organised by SaivaNeri Kazhakam, Vickramasingapuram from 15.05.2009 to 28.05.2009.

PERSONAL DETAILS

Father's Name : Mr. A. Natarajan
Mother's Name : Mrs. U. Vijayalakshmi
Date of Birth : 6.2.1985
Mother's Occupation : Associate Professor in Mathematics (Rtd.)
Marital Status : Married
Husband's Name : Mr. P.Senthil Kumaran
Community : BC, Hindu (Vaniya Chettiyar)
Nationality : Indian
Languages Known : Tamil, English & Hindi

I hereby declare that the above mentioned information is correct up to my knowledge.

Place :Vickramasingapuram

Date :23.1.2020

Yours faithfully,



(N. LALITHA)