

R E S U M E

1. Name of the Applicant : **P. MAHALAKSHMI**
2. Father's Name : B. Paramasivam
3. Sex (Gender) : Female
4. Date of Birth : 30.04.1979
5. Religion : Hindu
6. Community : B.C. (Nadar)
7. Nationality : Indian
8. Martial Status : Married
9. Mother Tongue : Tamil
10. Communication Address : 190/2, Poundu Street,
Muthuramanpatti,
Virudhunagar – 626 001
- Phone No. 99949 – 67318
11. Academic Performance :

QUALIFICATION

Course	Institution	Year of Passing	Total Marks Obtained	Percentage of Marks Obtained
S.S.L.C.	Kshatriya Girls Higher Secondary School, Virudhunagar	April – 1994	412 / 500	83 %
H.S.C	Kshatriya Girls Higher Secondary School, Virudhunagar	March – 1996	951 / 1200	80 %
U.G.C	V.V.V. College, Virudhunagar	April – 1999	1877 / 2600	77 %
P.G.	V.V.V. College, Virudhunagar	April – 2001	1250 / 1600	79 %
M.Phil	V.H.N.S.N. College, Virudhunagar	April – 2002	432 / 500	86 %
(Ph.D.,)	M.D.T. Hindu College, Tirunelveli under M.S., University	Registration No. 10448 7 Papers published (5 - International Journal, 1 - International Peer Reviewed Journal 2 - National Journal 2 - National Journal)		

	Journal list:	<p>Topics :-</p> <ol style="list-style-type: none"> 1) "Odd Sum Labeling of Some Subdivision Graphs" in Kragujevac Journal of Mathematics, Serbia (2014) 2) "On Odd Sum Graphs" in International J.Math. Combin.Vol.4 (2013), 59-78 3) "Odd Sum Labeling of Graphs Obtained by Duplicating Any Edge of Some Graphs" in Electronic Journal of Graph Theory and Applications, 3 (2) (2015), 197-215 4) "Odd Sum Labeling of Graphs Obtained from Some Graph Operations" in Journal of Graph Labeling, 2(2)(2016), 217-233 5) "Odd Sum Labeling of Some Splitting Graphs" in Utilitas Mathematica 6) "Digital technologies in Global Business Marketing" in Sanlanx International Journal of Commerce. 7) "Survey on Data Driven and Analysis Driven Approach" in National Conference on Applications of Operations Research Techniques. 8) "A Study On Artificial Intelligence and Machine Learning" in an International Peer Reviewed Journal-Journal of Analysis and Computation 9)Published a paper in TNSCST sponsored International conference on Applications of Mathematics in Science & Technology AMST 2019, AMST-118 10. Published a paper on "Further Study On Odd Sum Labeling of Graphs" in the <i>National Conference proceedings on Recent Advancement in Mathematics on December 20, 2019</i> organized by PG Department of Mathematics, Sri Ramanas College of Arts and Science for Women, Aruppukottai. 11.Published a paper on "Non-Neighbor Harmonic Index of Glued Graphs" in the
--	---------------	--

National Conference proceedings on Recent Advancement in Mathematics on December 20, 2019 organized by PG Department of Mathematics, Sri Ramanas College of Arts and Science for Women, Aruppukottai.

12. Published a paper “*A Study on Artificial Intelligence and Machine Learning*” in the Journal of Analysis and Computation (JAC) (An International Peer Reviewed Journal), JAC ISSN 0973-2861, Vol-XIII Special Issue 1, January 2020

13. Published a paper “*Motivation Techniques: An Innovative Practice*” (P.No.175) in the journal *Bibliotherapy For All, An Innovative Practice in Library* edited by Central Library, Virudhunagar Hindu Nadars’ Senthikumara Nadar College (Autonomous), Virudhunagar

14. Published a paper “*A Simple Probabilistic Approach to Program Evaluation and Review Technique in CPM*” in the “*National Conference on Recent Trends in Graphs*” organized by UG, PG & Research Department of Mathematics (Unaided), Sadakathullah Appa College (Autonomous), Tirunelveli held on 05th February 2020

15. Published a paper “*A Study on Bibliotherapy*” (P.No.209) in the journal *Bibliotherapy For All, An Innovative Practice in Library* edited by Central Library, Virudhunagar Hindu Nadars’ Senthikumara Nadar College (Autonomous), Virudhunagar

16. Published a paper on “*Non-Neighbor Harmonic Index of Glued Graphs*” in the *National Conference proceedings on Recent*

		<p><i>Advancement in Mathematics on December 20, 2019</i> organized by PG Department of Mathematics, Sri Ramanas College of Arts and Science for Women, Aruppukottai.</p> <p>13. "A Simple Probabilistic Approach on Recent Trends in graphs(NCRTG-2k20)</p> <p>17. "A Study on Bibliotherapy" in an National seminar on 29th February 2020</p>
--	--	--

12. Other Qualification : **Computer**
 Basic, Pascal, Cobol
 M.S. Word, M.S – Excel, Foxbase, Word Star,
13. Teaching Experience : (a)3 Years 10 Months(2019-till now)
 (b)15 Years 4 Months (2002 to 2018)
14. Name of the Institution : (a)VHNSN College(A)
 Virudhunagar-626001
 (b)Kamaraj College of Engineering and Technology,
 S.P.G.C. Nagar,
 Virudhunagar
15. Membership : I.S.T.E
 (Indian Society for Technical Education)
16. Books Published : i) Maths Panorama
 ii) Engineering Mathematics – III
 iii) Thesis
 iv) I wrote on the topic *Interpersonal Skills (77-89)*" in the book Life Skills Education organized by V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.
 v)I wrote on the topic Motivation

Techniques: An Innovative Practice (P.No.175)in the book Bibliotherapy For all, An Innovative Practice in Library edited by Central Library, Virudhunagar Hindu Nadars' Senthikumara Nadar College(Autonomous), Virudhunagar.

vi)I wrote on the topic A Study on Bibliotherapy (P.No.209) in the book Bibliotherapy For All,An Innovative Practice in Library edited by Central Library, Virudhunagar Hindu Nadars' SenthikumaraNadar College(Autonomous), Virudhunagar.

Name	No. of Journals	No. of Books Published	No. of Conferences / Workshop attended	Extra Curricular activities
P. Mahalakshmi	7 (International Journal) 5 (National)	6 + Thesis	18	i) Open house Co-ordinator to be held on February 2009 – 10 ii) Group insurance for the students – Incharge iii) College Calendar – Incharge iv) Acted as a Judge for Solo Classical and Non-Classical v) Acted as a AUR (Anna University Representative) for the past 2 years (2009 – 10, 2010 – 11) vi) Handled Maths classes for TET coaching (2012-13) vii) Handled Maths classes & Maths aptitude to NTSE students (2014-till date)

				<p>viii) Gave aptitude training for 1 week to V.H.N.S.N. Hostel girls (Jan 2015-16 & Jan 2016-17)</p> <p>ix) Cleared BEC Vantage (2016-17)</p> <p>x) Acted as a Referee in two International Journal (2017-18)</p> <p>xi) Mathematical Models and Competition incharge (Nov. 2017) Xii) Mathematics Subject incharge in “School of Excellence” to the NTSE Scholars</p> <p>xii) Organized Mathematics Department Inter-collegiate programme “ZETA QUEST - 2k19” on 27.02.2019</p> <p>xiii) Quiz competition In-Charge for Both UG And PG association activities</p> <p>xiv) Organized Mathematics Department Inter-collegiate programme “ZETA QUEST - 2k20”</p> <p>Xv) Worked for TMB –BANK Coaching to our VHNSNC Students for the batch 2021 and 2022 Students contribution to Mathematics model lab</p>
--	--	--	--	--

I) GUEST LECTURE DELIVERED

- 1) Presented a Guest Lecture on “Operations Research” at A.S.L. Pauls College of Engineering & Technology, Coimbatore to be held on December 2011.
- 2) Handled N.T.S.C.E. classes organized by K.V.S. Managing Board, Virudhunagar
- 3) Handled T.E.T classes to the School Teachers organized by K.V.S. Managing Board, Virudhunagar
- 4) Delievered a guest lecture in the topic of “Motivation” held in VHNSNC library on 22 february on 2021
- 5) Acted as a judge for the BOOK REVIEW Competition held on 23rd june 2021
- 6) Delivered a TED TALK webinar on 4th septemper 2021,

Handled Maths aptitude training to our college students from March 2021- 5th July 2021

7) Chief Guest in KGHS School twin function celebration on 19.10.2022.

II) PAPER PRESENTATION

- 1) The National Conference on “Modern Trends in Science and Communication” held at Dr. Sivanthi Aditanar College of Engineering and Technology, Tiruchendur on 7th May, 2014
- 2) One day State Level Conference on “Recent Trends In Mathematics” held at Sri Kaliswari College (Autonomous), Sivakasi on 14th February, 2015
- 3) UGC Sponsored National Seminar on “Recent Advancements in Graph Theory and Applied Mathematics” held at The Standard Fireworks Rajaratnam College for Women, Sivakasi during 2 & 3 March, 2015.
- 4) UGC Sponsored National Seminar on “Recent Developments in Functional Analysis, Topology and Graph Theory” held at P.G. & Research Department of Mathematics, The M.D.T. Hindu College, Tirunelveli during 26 & 27 March, 2015.
- 5) Presented the paper in NBHM and UGC sponsored “National Seminar on Recent Advancement on Distance, Domination and Labeling in Graphs” held at The Madura College, Madurai during 21 & 22 January, 2016.
- 6) Mahalakshmi.P and Namasivayam.P, “Survey on Recent trends in Digital Marketing”, International conference proceedings held at Sourashtra College, Madurai on 24th February (2017) (UGC sponsored).
- 7) Mahalakshmi.P and Deepapriya.V, “Survey on Data Driven and Analysis Driven Approach” in National Conference on Applications of Operations Research Techniques held at Sri Kaleeswari College, Sivakasi on 22 & 23 September, 2017 (CSIR sponsored).
- 8) Presented a paper “*Probabilistic Approach using CPM*” in TNSCST sponsored Two day International conference on applications of Mathematics in science and Technology during 25th & 26th July 2019 at AACET, Sivakasi.
- 9) Presented a paper on “*Further Study On Odd Sum Labeling of Graphs*” in the National Conference proceedings on Recent Advancement in Mathematics on December 20, 2019 organized by PG Department of

Mathematics, Sri Ramanas College of Arts and Science for Women, Aruppukottai.

10) Presented a paper on “*Non-Neighbor Harmonic Index of Glued Graphs*” in the National Conference proceedings on Recent Advancement in Mathematics on December 20, 2019 organized by PG Department of Mathematics, Sri Ramanas College of Arts and Science for Women, Aruppukottai.

11) Presented a paper entitled “*The study on Digitalization, Impact of Indian Economy*” in the One Day State Level Seminar on “Digital Literacy and it’s Impact on Indian Economy” organized by the Department of commerce. V.H.N.S.College, Virudhunagar on 27th September,2019

12) Presented a paper titled “*Further Study on Odd Sum Labeling of Graphs*” in National Seminar on Recent advancement in Mathematics- NSRAM 2019 organized by The PG department of Mathematics and Forum de Mathematicians at Sri Ramanas college of Arts and Science for women, Aruppukottai on 20.12.2019

13) Presented a paper entitled “A Study on Artificial Intelligence and Machine Learning” in the International conference conducted by the Department of computer science, Mangayarkarasi college of Arts and Science for women, ”Madurai , on 30th jan,2020.

14) Presented a paper entitled “ A Simple Probabilistic approach to program evaluation and review technique in CPM, in National conference on Recent Trends in Graphs (NCRTG-2k20) organized by UG,PG and Research Department of Mathematics (Unaided) held on 05.02.2020

15) Presented a paper titled “A study on Bibliotherapy” in the one day National conference on ‘Bibliotherapy for All :An Innovative Practice in Library “ on 29th February,2020 organized by the Central Library Association (MALA)-Madurai chapter .

16) Presented a paper entitled “An Application On Odd Sum labeling of Graphs” organized by the Mathematics Department(SF), VHNSNC(A),Virudhunagar on 12.5.2022

17) Presented a paper entitled "Study on Odd Sum labeling Of Graphs" organized by the Mathematics Department at Government Arts and Science College, Sivakasi on 14.5.2022

18) Presented a paper entitled "Odd Sum labeling of Splitting graphs" organized by the Mathematics Department at ANJAC college, Sivakasi on 3.6.2022

III) CONFERENCE PARTICIPATION DETAILS

1. National Conference on Applications of Mathematics in Engineering, Science and Technology from 23 to 25, 2002 at "Mahendra Engineering College" Namakkal.
2. International Conference on Operations Research for Development from 27 to 30 December, 2002 at Anna University, Chennai.
3. Participated in the National level conference on "Recent Trends in Applied Mathematics-2020" organized by the Department of Mathematics (SF), V.H.N.S.N.College, Virudhunagar
4. Participated in the International Web Conference on "Advances in Mathematics" organized by the PG and Research Department of Mathematics, St. Mary's College (Autonomous), Thoothukudi, India from 17th June to 19th June 2020.
5. Participated in the "*National Webinar on Mathematical Analysis & Topology*" organized by the PG & Research Department of Mathematics, G. Venkataswamy Naidu College, Kovilpatti on 20.06.2020.
6. Participated in the 4th National Level Webinar "*Role of Online Resources in Teaching and Learning with reference to National Digital Library of India*" held on 17.07.2020, organized by Department of Commerce, ACAS College, Coimbatore.

IV) FACULTY DEVELOPMENT PROGRAMME

1. Faculty Development Programme for Mitra on 15.02.2003.
2. Faculty Development Programme on Probability and Random Processes at "Kongu Engineering College, Erode" from 30th June to 4th July – 2003.

3. Faculty Development Programme on probability and Random Process at “Arulmigu Kalasalingam College of Engineering, Krishnankovil” from November 24 to 29, 2003.
4. Faculty Development Programme on Latest Trends and Applications of Probability, Random Variables and Random Process at “MEPCO, Sivakasi” from 20 to 25, 2006.
5. Faculty Development Programme on Probability Theory and Random Process at “Shree Sowdambika College of Engineering, Aruppukottai” from 6th to 8th November 2006.
6. Faculty Development Programme on Random Process at “Shree Sowdambika College of Engineering, Aruppukottai” from 3rd to 15th December 2007.
7. Participated in a one week Faculty Development Programme on “*Probability and statistics (with hands on training using virtual MATLAB & R)*” organized by School of Advanced Sciences, Department of Mathematics, Kalasalingam Academy of Research and education, Krishnankoil during May 16-22,2020
8. Successfully completed a 4-Week Induction / Orientation Programme for “Faculty in University / Colleges / Institutes of Higher Education” from June 04 – July 01, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi.
9. Participated in the National Level Live Faculty Development Programme (Webinar) on “Future of Examinations: Bloom’s Taxonomy and Multiple Assessment Tools” conducted by G.T.N. Arts College (Autonomous), Dindigul, Tamil Nadu on 08.06.2020.
10. Participated in the Faculty Development Program on “**Outcome** Based Education” conducted on 08 June 2020 and 09 June 2020 by IQAC, V.H.N.S.N. College, Virudhunagar.
11. Completion of an Online Faculty Enrichment Programme on “Rethinking on Quality Teaching and Academic Strategies in Higher Education” hosted by the Department of Hotel Management and Catering Sciences, G.T.N. Arts College (Autonomous), Dindigul from 21st July to 23rd July 2020.
12. Participated in the Five day Faculty Development Programme on “*Agriculture, Environment and Climate Change*” organized by V.H.N.S.N. College (Autonomous), Virudhunagar and PEARL – A Foundation for Educational Excellence, Bengaluru from 20.07.2020 to 24.07.2020.
13. Successfully completing the Online Faculty Development Programme on “*Appraisal of Mathematical Learning Outcomes in Cybergogy Environment*” organized by the Department of

Mathematics, Arul Anandar College (Autonomous), Karumathur, Madurai from 15.07.2020 to 17.07.2020

14. Participated in the Five day Faculty Development Programme on “*Agriculture, Environment and Climate Change*” organized by V.H.N.S.N. College (Autonomous), Virudhunagar and Pearal – A Foundation for Educational Excellence, Bengaluru from 20.07.2020 to 24.07.2020.
15. Successfully completing the Online Faculty Development Programme on “*Appraisal of Mathematical Learning Outcomes in Cybergogy Environment*” organized by the Department of Mathematics, Arul Anandar College (Autonomous), Karumathur, Madurai from 15.07.2020 to 17.07.2020
16. Attended orientation programme from 6-07-2021 to 26-07-2021, organized by HRDC, Mizoram University.

V) WORKSHOP

1. State Level Workshop on Analysis of Algorithms at “Lady Doak College, Madurai” from 20th and 21st March, 2007.
2. One Day Workshop on “*Delay Differential Equations*” Participated in the workshop organized by the department of Mathematics under UGC Autonomy Grant of V.V.V. College for Women (Autonomous)-Virudhunagar on 20.09.2019
3. Participated in the Two Days workshop on “Complex Analysis and its Applications” held at Mepco Schlenk engineering college, Sivakasi during March 12 &13,2020
4. Participated in the “Three Days International Workshop on Real Time Cognitive Services on Azure Cloud” from 10th June 2020 to 12th June 2020 organized by Parvathy’s Arts & Science College, Wisdom City, Madurai Main Road, Dindigul-2.

VI) SEMINARS

1. State Level Seminar on “Fuzzy Theory” Cryptography and Image Processing at “S.F.R. College, Sivakasi” on February 20, 2006.

2. National Seminar on Recent Trends in Cryptography at “Velammal College of Engineering & Technology, Madurai” on 07.11.2008.
3. National Seminar on “Discrete Mathematics and Applications” at Ayya Nadar Janaki Ammal College, Sivakasi on 18th and 19th March 2009.
4. Participated in the One Day National Level seminar on “*Online Publishing, plagiarism and Research Integrity*” organized by V.H.N.S.N, College, Virudhunagar, Central Library in collaboration with Society for the Advertisement of Library and Information Science (SALIS) held on 15th Feb.2019.
5. Participated in the Webinar on “Professional Development Programme- Innovative Ideas of Professional Teaching in Mathematics” on 21.05.2020 organized by Department of Mathematics, P.K.R. Arts College for Women, Gobichettipalayam.
6. Participated in the Webinar on “Mathematical Documentation and Computation Using Online Tools” organized by the PG & Research Department of Mathematics, St. Mary’s College (Autonomous), Thoothukudi, Tamil Nadu, India, on 28th & 29th May 2020.
7. Participated in the Webinar on “National Webinar on Theories of Learning and Methods of Teaching” organized by MASS College of Education, Chennai Salai, Kallapuliyur Village, Kumbamonam-612 501, held on 02.06.2020.
8. Participated in the Webinar on “நலம் தரும் யோகா” organized by National Service Scheme, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar on 20.06.2020.
9. Participated in the webinar on “*Outcome Based Assessment Strategies*” conducted on 18th July 2020 by IQAC, V.H.N.S.N. College, Virudhunagar.
10. Participated in the National Level Webinar on “*Machine Learning for All*” organized by PG & Research Department of Computer Science, Muthurangam Govt. Arts College (Autonomous), Vellore on 1st July 2020.
11. Participated in the webinar on “*Minimal Surfaces and Univalent Harmonic Mappings*” organized by the Department of Mathematics, The S.F.R College for Women, Sivakasi, Tamilnadu on 17th July 2020.
12. Participated in the webinar on “*Siddha Medicinal Herbs to Fortify the Safety Measures against the Covid-19 Pandemic*”

organized by Extension Service Forum, V.V.V. College for Women, Virudhunagar on 17.07.2020 AN.

13. Participated in the webinar on Yoga practices for present scenario on 21.06.2021

14. Handled Maths aptitude training to our college students from March 2021- 5th July 2021

Training Programme attended

1. Participated in the Two days Webinar on the topic LATEX-learning by doing organized by PG & Research department of Mathematics on 15.05.2020 & 16.05.2020 organized by Idhaya College for Women, Kumbakonam.

2. Successful Participation of the National Level Webinar on “Open Access Resources for Teaching and Research” on 15th June 2020 organized by the Central Library, V.H.N. Senthikumara Nadar College, Virudhunagar.

3. Worked for the STAR college Project fund for Mathematics Department
Activities Organized under star college :

Sl.no	Activity	Report
1.	Guest Lecture On Happy Numbers	The UG Mathematics students and the Staff members attended the “Guest Lecture “ in the topic of “On Happy Numbers” delivered by Dr.K.NAGARAJAN, M.Sc., M.Phil.,PGDCA,Ph.D, Professor of Mathematics (Retd.), Sattur . Our students are benefited to activate numbers, number riddles, number theory ,etc. from this Guest Lecture on 20.01.2021
2.	Guest Lecture on Career Paths And Applications of Mathematics	Final year UG Mathematics students and the Staff members attended the “Guest Lecture “ in the topic of Career Paths And Applications of Mathematics on 12.02.20201 by Mr.Gnanaprakasam M.Sc.,M.phil., Lecturer in Mathematics ,Government Polytechnic college,Madurai. All of our students are actively participated and gets more benefited because of his career guidance in Mathematics.

4. Completed Refresher Course from September 12 to 24th september

5. Act as a member in the Interview panel for staff selection of Mathematics in KGHSS, Virudhunagar 4.6.2022

Signature,

(P.MAHALAKSHMI)