Dr.G.HARIHARAN

Phone :

Mobile: +91 – 9894518720

Work: +91- 4362 – 264101-108

Permanent Job address:

Assistant professor – III
Department of Mathematics
School of Humanities &
Sciences,
SASTRA University,
Thanjavur – 613 401.
Tamilnadu, India.

Email:

hariharan@maths.sastra.edu

hariharang2011@gmail.com.

Date of Birth: 12-04-1977

Nationality: Indian

Religion: Hindu

Appointments:

08 -09-2011 – Present	**Assistant Professor – III**
	Departments of Mathematics,
	School of Humanities & Science
	SASTRA University, Thanjavur – 613 401,
	Tamilnadu, India.
01.08.2010 – 07.09.2011	**Assistant Professor – II**
	Department of Mathematics,
	School of Humanities & Science
	SASTRA University, Thanjavur – 613 401,
	Tamilnadu, India.

01.04.2009 – 31.07.2010	**Assistant Professor – I**
	Department of Mathematics,
	School of Humanities & Science
	SASTRA University, Thanjavur – 613 401,
	Tamilnadu, India.
02.07.2003 – 31.03.2009	**Lecturer**
	Department of Mathematics,
	School of Humanities & Science
	SASTRA University, Thanjavur – 613 401,
	Tamilnadu, India.
09.10.2000 – 01.07.2003	**Lecturer**
	Adhiparasakthi Engineering College
	Melmaruvathur – 603 319
	Kauelipuram district
	Tamilnadu, India.
01.07.1999 – 08.09.2010	**P.G.T** in Mathematics,
	National Hr. Sec. School,
	Mannargudi,
	Thiruvarur district,
	Tamilnadu.

Education:

2004 -2010	**Ph.D in Computational Mathematics**
	(Thesis Title: Haar Wavelet Solutions for a Few Reaction-Diffusion Problems)

SASTRA University,

Thanjavur-613 401, Tamilnadu, India.

Field of specialization: Wavelet Analysis,

Mathematics Modelling, Numerical

Analysis, Wavelet methods for solving PDEs,

Fractional Differential Equations,

Reaction-Diffusion Equations

1997 – 1999	**Master of Science (M.Sc.)** in Mathematics,
	A.V.V.M. Sri. Pushpam college (Autonomous) Poondi, Thanjavur, Tamilnadu. (Affiliated to Bharathidasan University, Trichy).
2000 – 2001	**PGDAOR** (Post Graduate Diploma in Applied Operations Research) Annamalai University, Chidambaram, Tamilnadu.
2003 – 2004	**PGDCA** (Post Graduate Diploma in Computer Application) Annamalai University, Chidambaram, Tamilnadu.
1994 – 1997	**Bachelor of Science (B.Sc.)** Bharathidasan University, Trichy.

Areas of Research interests:

1. Partial Differential Equations (PDEs)

2. Ordinary differential equations (ODEs)

3. Boundary value problems

4. Mathematics modeling

5. Wavelet methods for PDEs.

6. Numerical solution of highly oscillatory integrals and integrals with singularity.

7. Semi- analytical methods for PDES. (HAM, HPM, RDTM, VIM etc.)

8. Reaction – Diffusion equations in science and Engineering.

9. Numerical Linear Algebra.

10. Asymptotic methods.

Awards:

2013-2014- Young Scientist Project (SERB), Department of Science and Technology (DST), New Delhi, India

2004 – 2010 - **1 Lakh Cash award** for time- bound Ph.D research work by SASTRA University.

2009 – 2010 Best **Ph.D thesis** award by the SASTRA University.

1991 – **Best criticism letter award**" in Ediroli programme, Doordarshan Kendra (DD) Chennai.

International Journal Publications:

S. No	Title of the paper	Co-author (s)	Name of the Journal	Volume/Issue	Year	SCI/ SCI-E	SCOPUS	MathSciNet
1	Haar wavelet in estimating depth profile of soil temperature	G.Hariharan K.Kannan, K.R.Sharma	Applied Mathematics and Computation	210 119-125.	2009	SCI-E	SCOPUS	MathSci Net
2	Haar wavelet method for solving Fisher's equation	G.Hariharan K.Kannan, K.R.Sharma	Applied Mathematics and Computation	211 284-292	2009	SCI-E	SCOPUS	MathSci Net
3	Haar wavelet method for Solving Cahn-Allen equation	G.Hariharan K.Kannan	Applied Mathematical Sciences	Vol.3 2523-2533	2009	---	SCOPUS	MathSci Net
4	Haar wavelet method for solving some nonlinear parabolic equations	G.Hariharan K.Kannan	Journal of Mathematical Chemistry	48 1044-1061	2010	SCI	SCOPUS	MathSci Net
5	A comparative study of a restrictive Taylor's series method for solving convection-diffusion equations	G.Hariharan K.Kannan	International Journal for Computational Methods in Engineering Science & Mechanics	11:4 173-184.	2010	SCI-E	SCOPUS	MathSci Net
6	Haar wavelet method for solving FitzHugh-Nagumo equation	G.Hariharan K.Kannan	International Journal of Computational and Mathematical Sciences	4:6	2010	---	SCOPUS	MathSci Net

7	A comparison of Haar wavelet and Adomain Decomposition Method for solving one-dimensional reaction-diffusion Equations	G.Hariharan K.Kannan	International Journal of Applied Mathematics and Computation	2(1), 50-61	2010	---	---	MathSci Net
8	A comparative study of Haar Wavelet Method and Homotopy Perturbation Method for solving one-dimensional Reaction-Diffusion Equations	G.Hariharan K.Kannan	International Journal of Applied Mathematics and Computation	3(1), pp 21–34	2011	---	---	MathSci Net
9	Haar Wavelet Method for Solving the Klein-Gordon and the Sine-Gordon Equations	G.Hariharan	International Journal of Nonlinear Science	Vol.11, No.2, pp.180-189	2011	---	---	MathSci Net
10	Wavelet solutions for a class of fractional Klein-Gordon equations	G.Hariharan	Journal of Computational and Nonlinear Dynamics	Vol. 8, Issue 2, 021008	2013	SCI	SCOPUS	MathSci Net
11	Wavelet method for a class of space and time fractional telegraph equations	G.Hariharan, M.Mahalakshmi R.Rajaraman	International Journal of Physical Sciences	Vol. 7(10) 1591-1598	2012	---	---	MathSci Net
12	Approximate analytical solutions of two dimensional transient heat conduction problems	G.Hariharan, M.MahalakshmiR.Rajaraman,K.Kannan	Applied Mathematical Sciences	Vol.6, Vol. 71, 3507-3518	2012	----	SCOPUS	MathSci Net
13	Analytical solutions for some of the nonlinear hyperbolic-like equations with variable coefficients	G.Hariharan, R.Rajaraman	Global Journal of frontier research mathematics and decision sciences	Vol.12 Issue 5 Ver.1	2012	---	---	---
14	Wavelet method to film-pore diffusion model for methylene blue adsorption onto plant leaf powders	G.Hariharan, V.Ponnusamy,R.Srikanth	Journal of Mathematical Chemistry	J Math Chem (2012) 50:2775–2785	2012	SCI	SCOPUS	MathSci Net
15	Solving Helmholtz equation by the homotopy perturbation transform Method	R.Rajaraman	International Journal of Mathematics and Computer Applications Research	Vol.2, Issue 3 70-75	2012	---	---	MathSci Net
16	The homotopy analysis	G.Hariharan	Journal of	J Math	2013	SCI	SCOPUS	MathSci

								Net
	applied to the Kolmogorov-Petrovkii-PisP v and fractional KPP equations		Mathematical Chemistry	Chem (2013) 51:992–1000				
17	Homotopy perturbation transform method for solving Klein-Gordon equations	G.Hariharan, R.Rajaraman	International Journal of Emerging Trends & Technology in Computer Science	Vol. 1, Issue 4	2013	---	---	MathSci Net
18	Solving Finite Length Beam Equation by the Haar Wavelet Method	G.Hariharan, K.Kannan	International Journal of Computer Applications	Volume 9– No.1,	2010	---	---	MathSci Net
19	The Wavelet Method for Solving a Few Linear and Nonlinear Wave-type Equations	G.Hariharan	International Journal of Modern Mathematical Sciences	5(2): 77-91	2013	---	SCOPUS	MathSci Net
20	Homotopy analysis method to water quality model in a uniform channel	S.Padma G.Hariharan K.Kannan R.Srikanth	Applied Mathematical Sciences	Accepted (Press)	2013	---	SCOPUS	MathSci Net
21	Analytical solutions for Cauchy Reaction-diffusion equations	R.Rajaraman G.Hariharan K.Kannan	Asian Journal of Current Engineering & Maths	Accepted (Press)	2013	---	---	MathSci Net
22	An Efficient Wavelet Method for Initial Value Problems of Bratu-Type Arising in Engineering	G.Hariharan P.Pirabaharan	Applied Mathematical Sciences	Vol. 7, no. 43, 2121 – 2130	2013	---	SCOPUS	MathSci Net
23	An efficient wavelet based approximation method to time fractional Black-Scholes European option pricing problem arising in financial market	G.Hariharan S.Padma P.Pirabaharan	Applied Mathematical Sciences	Vol. 7, no. 69, 3445 - 3456	2013	---	SCOPUS	MathSci Net
24	Haar wavelets approach of traveling wave equation- A plausible solution of lightning stroke model	G.Hariharan, RRajaraman, K. Kannan	International Journal of Engineering and Technology	2(2) 149-156	2013	---	---	MathSci Net
25	Shifted Second Kind Chebyshev Wavelet Method for a Few Second Order Differential Equations Arising in Engineering	M.Mahalakshmi G.Hariharan, K.Kannan	Australian Journal of Basic and Applied Sciences	7(7): 414-422, 2013	2013	---	SCOPUS	MathSci Net
26	An efficient analytical algorithm for wave-type and time-fractional	G.Hariharan R.Rajaraman	World Applied Sciences Journa	Accepted	2013	---	SCOPUS	MathSci Net

	PDEs							
27	An overview of Haar wavelet method for solving differential and integral equations	G.Hariharan K.Kannan	World Applied Sciences Journal	23 (12): 01-14	2013	---	SCOPUS	MathSci Net
28	A new coupled wavelet-based method applied to the nonlinear reaction–diffusion equation arising in mathematical chemistry	G.Hariharan R.Rajaraman	J Math Chem DOI 10.1007/s10910-013-0217-9	Volume 51, Issue 9, pp 2386-2400	2013	SCI	SCOPUS	MathSc iNet
29	The wavelet methods to linear and nonlinear reaction–diffusion model arising in mathematical chemistry	M. Mahalakshmi G. Hariharan K. Kannan	J Math Chem DOI 10.1007/s10910-013-0217-9	Volume 51 2361-2385	2013	SCI	SCOPUS	MathSc iNet
30	Two reliable wavelet methods to Fitzhugh–Nagumo (FN) and fractional FN equations	G.Hariharan R.Rajaraman	J Math Chem DOI 10.1007/s10910-013-0217-9	Volume 51, Issue 9, pp 2432-2454	2013	SCI	SCOPUS	MathSc iNet
31	An efficient wavelet based approximation method for a few second order differential equations arising in science and engineering	S.Padma G. Hariharan K. Kannan	International Journal of Engineering and Technology	Accepted	2013	---	SCOPUS	MathSc iNet
32	An Efficient Wavelet Analysis Method to Film-Pore Diffusion Model Arising in Mathematical Chemistry.	G.Hariharan	Journal of Membrane Biology	Accepted (Press)	2014	SCI	SCOPUS	MathSc iNet
33	An Efficient Legendre Wavelet-Based Approximation	G.Hariharan	Journal of Membrane Biology	Accepted (Press)	2014	SCI	SCOPUS	MathSc iNet

	Method for a Few Newell–Whitehead and Allen–Cahn Equations							
32	An Efficient Wavelet Based Approximation Method to Steady State Reaction-Diffusion Model Arising in Mathematical Chemistry.	M.Mahalakshmi G.Hariharan	Journal of Membrane Biology	Accepted (Press)	2014	SCI	SCOPUS	MathSciNet

14 More papers have been communicated to various reputed internal journals (ELSEVIER, SPRIGER, TAYLOR & FRANCIS). Three more staff members had registered their Ph.D degree under my supervision.

Number of citation in Scopus :100

Computers Skills

➢ Mathematical Software : Mathematica, Matlab.
➢ Typesetting Software : Latex, Microsoft Office.

Research Involvement

➢ Mathematical Modelling

➢ Fractional Calculus

➢ Integral Equation

➢ Nonlinear Sciences

➢ Mathematical Physics

➢ Numerical Methods and Analytical Methods, **(Homotopy Analysis Method, Homotopy Analysis Transform Method, Homotopy Perturbation Method, Homotopy Perturbation Transform Method, Adomian Decomposition method, Laplace Decomposition Method, Galerkin Method, Fractional Order Legendre Function, Operational Matrix Method)**

➢ Analytical and Numerical Solutions of Nonlinear Problems Arising in Applied Sciences and Engineering.

- ➢ Numerical Analysis

- ➢ Wavelet Methods

Ph.D. Supervision

1. Smt. M.Mahalakshmi, (July, 2012) (In progress)
2. Shri.R.Rajaraman, (July, 2012) (In progress)
3. Smt.S.Padma, (July, 2013) (In progress)

Funding Research Projects

S.No.	Title of the project	Funding Agency	Amount (In Rs.)
1	Wavelet solutions for partial differential equations with applications	DRDO	8.45 Lakhs
2	Wavelet solutions for steady and unsteady reaction-diffusion equations arising in science and engineering	DST	15.5 Lakhs

Editorial in Chief of International Journal

- ➢ **Update Soon**

Editorial Board Member in International Journals

1. **International Journal of Modern Mathematical Sciences (http://modernscientificpress.com/Journals/IJMMS.aspx)**

2. **International Journal of Computer Applications (IJCA)**

3. **International Journal of Applied Mathematics and Computation (IJAMC)**

Professional Service as Reviewer in reputed International Journals

1. **Reviewer** of Mathematical Methods in Applied Sciences **(Wiley).**

2. **Reviewer** of International Journal of Nonlinear Sciences and Numerical Simulation
3. **Reviewer** of Computer and Mathematics with Application **(Elsevier)**
4. **Reviewer** of World Applied Sciences Journal
5. **Reviewer** of International journal of Nonlinear Sciences
6. **Reviewer** of Mathematical and Computer Modelling **(Elsevier)**
7. **Reviewer** of International Journal of Computer Mathematics **(Taylor and Fransis)**
8. **Reviewer** of International Journal of Computational Methods
9. **Reviewer** of Applied Mathematics and Information Science Journal
10. **Reviewer** of Indian Journal of Science and Technology
11. **Reviewer** of Applied Mathematics Latter **(Elsevier)**
12. **Reviewer** of Applied Mathematics Computation **(Elsevier)**
13. **Reviewer** of Application and Applied Mathematics: An International Journal
14. **Reviewer** of Applied Mathematical Modelling **(Elsevier)**
15. **Reviewer** of Communication Numerical Analysis
16. **Reviewer** of Mathematical Modelling and Analysis
17. **Reviewer** of Differential equation and Dynamical Systems **(Springer)**
18. **Reviewer** of International journal of Physical Sciences
19. **Reviewer** of International journal of Nonlinear Science
20. **Reviewer** of International journal of Applied Mathematics Computation
21. **Reviewer** of Advances in Applied Mathematics and Mechanics
22. **Reviewer** of International Journal of Modern Mathematical Sciences
23. **Reviewer** of Journal of Egypatian Mathematical Society **(Elsevier)**
24. **Reviewer** of International journal of Mathematical Archive
25. **Reviewer** of Journal of Mathematical Chemistry
26. **Reviewer** of Journal of Membrane Biology
27. **Reviewer** of Ains Shams Engineering Journal
28. **Reviewer** of Alexandria Engineering Journal

<u>Diversity of Publications</u>

Scopus

Print Document by Source Graph

Date of Creation: 14 Mar 2014

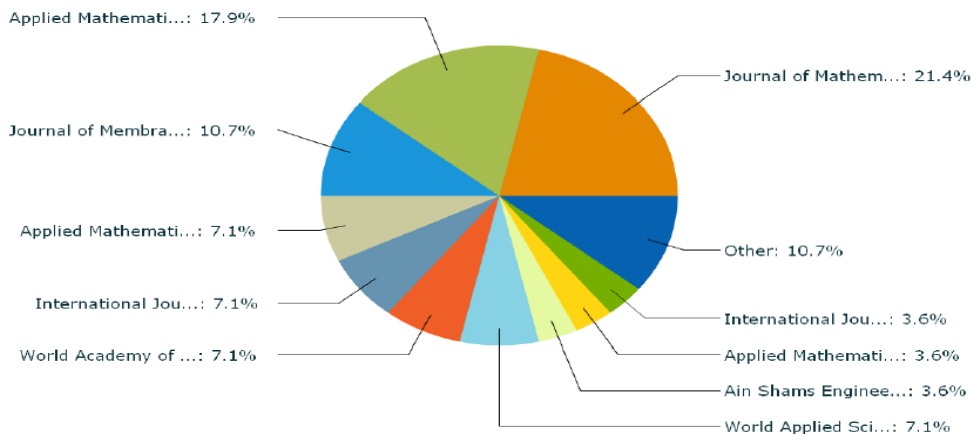**Author:** Hariharan, G.

h **index = 5** (of the 28 documents considered for the h-Index, 5 s been cited at least 5 times.)

Note: The h Index considers Scopus documents published after 1995.

Only consider documents published from 1996 to 2014

The Document by Source Graph shows a history of the number of documents published per source for an author.

Document by Source Graph

- Applied Mathemati...: 17.9%
- Journal of Membra...: 10.7%
- Applied Mathemati...: 7.1%
- International Jou...: 7.1%
- World Academy of ...: 7.1%
- Journal of Mathem...: 21.4%
- Other: 10.7%
- International Jou...: 3.6%
- Applied Mathemati...: 3.6%
- Ain Shams Enginee...: 3.6%
- World Applied Sci...: 7.1%

Source	Documents
Journal of Math	6
Applied Mathem	5
Journal of Meml	3
Applied Mathem	2
International Jo	2
World Academy	2
World Applied S	2
Ain Shams Engi	1
Applied Mathem	1
International Jo	1
International Jo	1
Journal of Comp	1
Journal of Engir	1
Total	28

Scopus

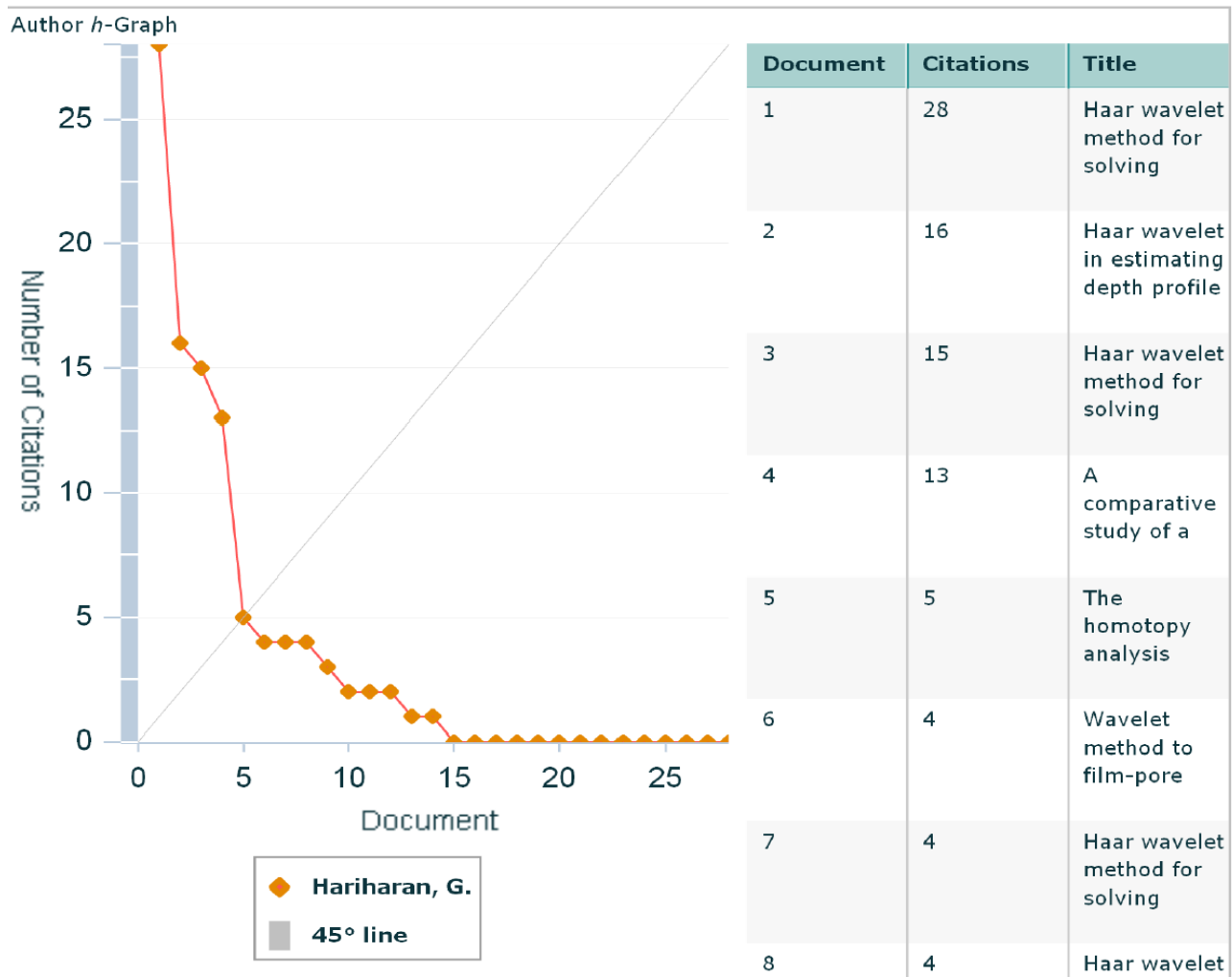Print *h*-Graph
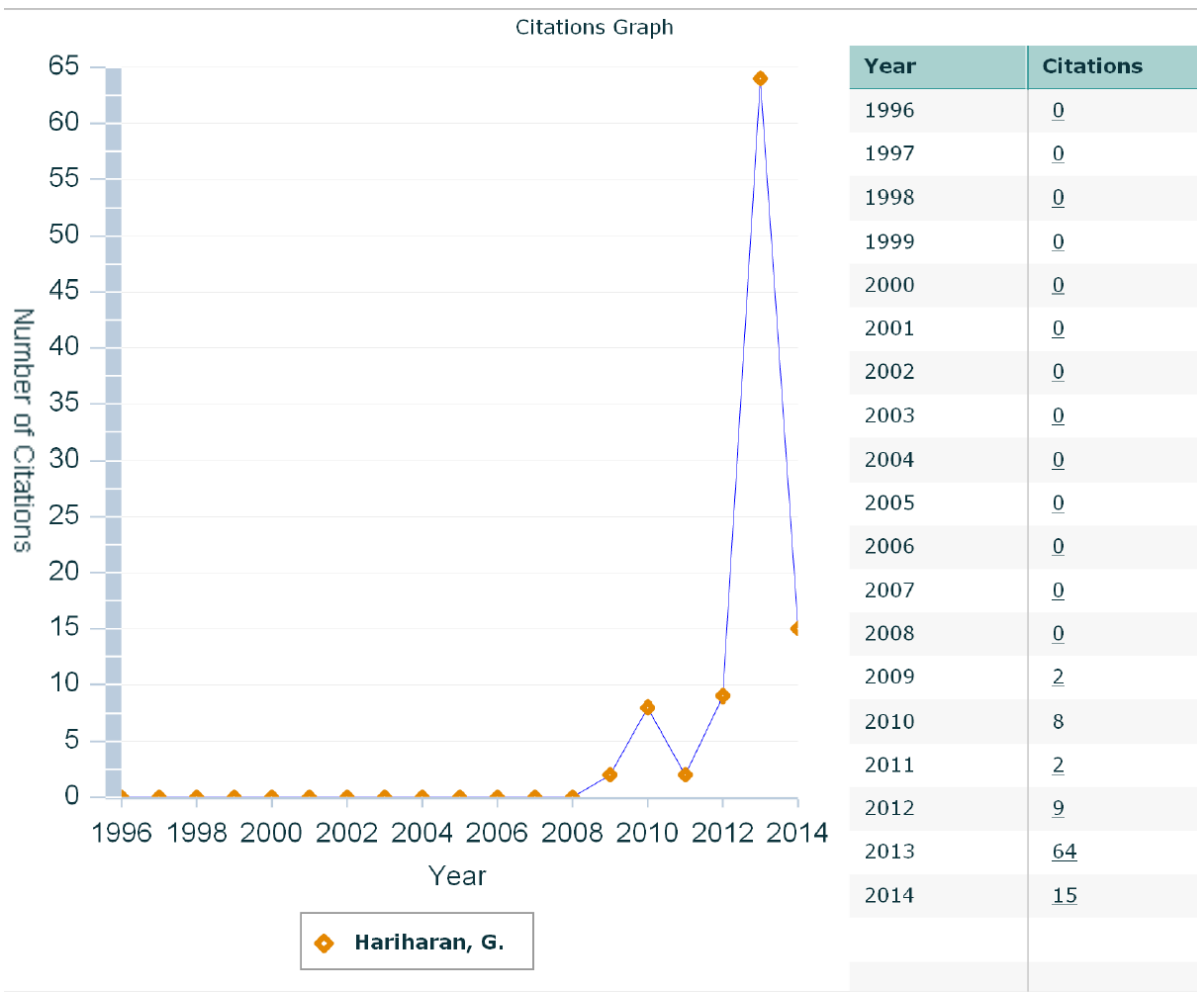
Date of Creation: 14 Mar 2014

Author: Hariharan, G.

h **index = 5** (of the 28 documents considered for the *h*-Index, 5 s been cited at least 5 times.)

Note: The *h* Index considers Scopus documents published after 1995.

Only consider documents published from 1996 to 2014

The *h*-graph measures an author's output and shows the number of citations per document.

Author *h*-Graph

Document	Citations	Title
1	28	Haar wavelet method for solving
2	16	Haar wavelet in estimating depth profile
3	15	Haar wavelet method for solving
4	13	A comparative study of a
5	5	The homotopy analysis
6	4	Wavelet method to film-pore
7	4	Haar wavelet method for solving
8	4	Haar wavelet

Scopus

Print Citations Graph

Date of Creation: 14 Mar 2014

Author: Hariharan, G.

h index = 5 (of the 28 document considered for the *h*-Index, 5 been cited at least 5 time.)

Note: The *h* Index considers Scopus documents published after 1995.

Only consider documents published from 1996 to 2014

The Citations Graph shows the total number of citations received per year for an author's published works.

Citations Graph

Year	Citations
1996	0
1997	0
1998	0
1999	0
2000	0
2001	0
2002	0
2003	0
2004	0
2005	0
2006	0
2007	0
2008	0
2009	2
2010	8
2011	2
2012	9
2013	64
2014	15

Cumulative Impact Factor: 31.27(As on March-2014)

Refereed Conference Papers

1. G.Hariharan , " Wavelet method for a class of fractional reaction - dispersion equations" National Conference on Frontiers in Analysis and Differential Equations (NAFADE – 2012).

2. G.Hariharan and K.Kannan ,Haar wavelet method for solving travelling wave equations" International conference on chemical society (CHEMCON) – 2008.

International conference and seminars

- Attended a one-day seminar on 'Significance of Applied Mathematics for Engineers' at Adhiparasakthi Engineering College, Melmaruvathur – 603 319 on January-2003.

- Attended a one-day workshop on 'Industrial Safety' at Adhiparasakthi Engineering College, Melmaruvathur-603 319 on 6th February-2003.

- Attended a one-day workshop on 'Rain Water harvesting' at Adhiparasakthi Engineering College, Melmaruvathur-603 319 on December-2002.

- Participated in National Instructional Seminar on 'Automata and Computation' at Annamalai University, Chidambaram on 1st and 2nd December-2002.

- Participated and presented a paper paper in National symposium on 'Mathematical Methods and Applications' at IIT Madras on 22nd December-2001.

- Attended a 2-day International conference on 'Number Theory and Fourier Techniques' at Srinivasa Ramanujan Center (SRC), Kumbakonam un 22nd December-2004.

- Attended a 2-day National seminar on 'Application of Management tools for sustainable water resources development' on 12th and 13th December-2003.

- Participated and guided in the Below Poverty Line Survey conducted from 27th to 30th Sepetember -2003 and 11th to 12th October-2003 at Kumbakonam and Thanjavur Municipal areas, Jointly organized by SASTRA University and the Regional Directorate of Municipal administration ,Thanjavur.

- Participated in International conference on 'Number Theory and Mathematical Physics' at Srinivasa Ramanujan Centre (SRC),SASTRA,Kumbakonam on 20th and 21st Dec- 2005.

- Participated in International Conference on 'Number Theory and Combinatorics' at Srinivasa Ramanujan Center (SRC),SASTRA, Kumbakonam un 19th to 22nd December-2006.

- Participated in International Conference on 'Number Theory , Theoretical Physics and Special functions' at Srinivasa Ramanujan Center (SRC),SASTRA, Kumbakonam on 20th to 22nd December-2007.

- Participated in International Conference on 'Number Theory and Modular forms' at Srinivasa Ramanujan Center (SRC),SASTRA, Kumbakonam on 20th to 22nd December-2008.

- Attended a Five-Day ISTE-AICTE sponsored Short-Term training programme on 'Soft Computing Techniques Employed in Image Processing and Cryptography', School of Computing,SASTRA University,Thanjavur-613 401.

- Participated in National Conference on Graph Theory - Generalizations and applications Aug 2012

- Participated in International Conference the Legacy of Srinivasa Ramanujan - SRC, SASTRA University,Kumbakonam, December-2012

- Participated and presented in National Conference on Frontiers in Analysis and Differential Equations - Bharathidasan university, Trichy-December 19-20, 2012

- Attended a workshop on 'Number Theory and Modular Forms' at SASTRA-SRC,Kumbakonam on December-10 to December-20, 2008

- Attended a national conference on 'Vedic Mathematics' at SASTRA University, Thanjavur-Feb-18 & 19-2010.

- Attended a national conference on 'Vedas-Source of all Sciences' at SASTRA University, Thanjavur-Feb-17-19-2011.

Professional membership bodies

IAENG , RMS, ISTE (Life member)

Courses Taught:

(i) B.E / B.Tech / B.Arch   1) Engineering mathematics – I, II, II & IV.

2) Numerical methods

3) Advanced numerical methods for PDEs.

4) Applied mathematics.

5) Operations Research / Resources Management Techniques.
6) Discrete mathematics.

7) Computer Algorithm.

8) Probability Random process & Queuing theory

9) Mathematics Statistics

10) Biostatistics

11) Programming in C

12) Transform methods

13) Complex analysis

14) Differential Equations (ODEs and PDEs)

Post. Graduate Level (2000 to till date)

1. MCA- mathematics foundations of computer Applications.

2. MBA- Resource Management Techniques, Statistics for management.

3. M.Sc (Biotechnology) – Biostatistics - I & II.

4. M.Tech (Medical Nanotechnology) – Biostatistics.

5. M.Tech -Applied mathematics for engineers

6. M.Tech- Probability and Stochastic processes

7. M.Tech - Advanced Mathematics

8. M.Tech -Numerical methods and Statistics

9. M.Tech -Optimization problems

10. M.Tech -Stochastic Processes and estimation Theory.

11. M.Tech-Optimization Techniques

12.M.Tech-Engineering Mathematics

Academic details

I have instructed more than 6500 students in 95 courses in India over the past 15 years.
I have got very good feedback from students.

Teaching Experience

Under Graduate level   :   **15** Years

Post Graduate level   :   **12** Years

Technical Skills

Operating Systems   :   MS-Office – 2006, MS – Windows, Unix and MS –

DOS.

Database	:	dBase III Plus, DBA, RDBMS
Language	:	Basic, Fortran, C,C++, Java2.0, ASP, HTML, SQL.
Specialization	:	Oracle with D2K, Java2.0.

Certificate Courses

➢ Awarded a one year certificate Course in Unix, C,C++ & Oracle at Lakhotia Computer Centre (LCC) at Thanjavur in the year Feb' 1998.

➢ Awarded a one year certificate Course in JAVA Programming at SSI Limited , Tambaram in the year 2001.

Mathematics Tools used

Wavelet methods (HAAR, Legendre , Daubechies, Wavelet – Galerkin and Shanon, Adomain Decomposition method (ADM), First Integral methods, He's Variational Iteration Method (VIM), Restrictive Taylor's series Method, and Homotopy perturbation Method for solving linear and nonlinear RDEs.

Recognition in India and Abroad

1. Remarked as one among the short – listed authors of remarkable contributions, in the area of Haar Wavelet method for solving Reaction – Diffusion problem between 2009 and 2010.

2. Paper entitled" Haar wavelet method for solving Fisher's equation" has been awarded TOP 10 hot articles in Applied Mathematics and Computation (ELSEVIER) from July – 2009 to September.

3. "A Comparative study of a Haar wavelet method and a restrictive Taylor's series method for solving convection – diffusion equations" is in most cited article in the journal IJCMESM (Taylor & Francis) from July 2010 – to till date .

Special Skills

1. Good skill in developing C programming and **MATLAB** codes to solve PDEs.

2. Good working knowledge in **LaTeX**.

3. Good working knowledge in **ORIGIN, EXCEL, SIGMA-PLOT and GRAPHICA** Softwares for research activities.

4. Was the students' representative in almost all the classes of my schooling and collegiate education.
5. Have won the admiration of the students for the way of teaching Mathematics.

Extracurricular Activities

- Worked as a NSS Coordinator (Unit-II) for 1 ½ years at Adhiparasakthi Engineering College (APEC), Melmaruvathur-603 319, Kanchipuram District, Tamilnadu, India.

- Passed the examination entitled ' Vivekananda at Kanyakumari' conducted by Vivekananda Academy of Culture Studies (VACS), Kanyakumari in the year 1998.

- Worked as an Active Team leader for smooth conducting of Mid – Semester examination for B.Tech (both Full-Time and Part-Time) students in SASTRA University.

- Active department Time-table coordinator in Mathematics department of SASTRA University for the past 7 years.

- Working as allotting the invigilation duty of faculty members to various schools for smooth conduct of University examinations from 2005 to till date.

- I am a recognized a research supervisor by SASTRA University on 22-12-2010.

- Two more teachers have been registered for Ph.D programme under my supervision and published 3 papers in reputed international journals (SCOPUS INDEXED).

- Coordinated FDP programme titled "MATHEMATICAL TOOLS FOR ENGINEERING

  RESEARCH AND   CLASSROOM COMMUNICATION" held on 19th and 20th December-2011.

- Active committee head for the smooth conduct of Graph theory conference and

  Vedic Mathematics conferences.

- I have a good feed back from students (both UG & PG)

- I have taken Biostatistics for both UG & PG (M.Tech) students. Currently I am helping the research scholar students to enhance their skills in Biostatistics.

- Worked as an active committee coordinator for smooth conducting of I year & Part-Time mid-semester examinations.

- Time-table coordinator of Mathematics department from July-2004 to till date (for the past 10 years)

- Worked as a counsellor for two semesters for 1st year students.

- Worked as an active member in discipline committee in SASTRA University.

- I am motivating the UG & PG students to do the research work and I have suggested the open problems (research problems)

Ranks & Prices

- SSLC- School Second Rank (76.8%)

- B.Sc – College First (I am a only student passed in the year April-1997 with good academic record at Rajah Serfoji Govt.College, Thanjavur)

- M.Sc-College Second (71.29%)

- Won prices in essay writing, Music and quiz competitions at School and College level.

- Winner in Cricket tournament at Adhiparasakthi Engineering College, Melmaruvathur-603 309.

Book Publication

I have written a book entitled " A textbook of Probability, statistics, Random process and Queuing theory". It will be published soon.

Hobbies

Music and Cricket

Languages Known

Fluency in Tamil and English

References

1. Prof Dr. S.Natesan

   Department of mathematics

   Indian Institute of Technology (IIT)

   Guwahati – 781 039, Assam, India

2. Prof.Dr.Sundar

   Department of mathematics

   Indian Institute of Technology madras (IIT madras)

   Chennai – 6.

3. Prof .Dr.K.Kannan

   Department / School of Humanities & Sciences

SASTRA University,

Thanjavur – 613 401,

Tamilnadu, India.

Place: **Signature**

Date: *(Dr.G.HARIHARAN)*