

Profile



1. Name and full correspondence address : Dr.V.Ramachandran
Assistant Professor
PG and Research Department of Mathematics
Mannar Thirumalai Naicker College
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Tamilnadu.
2. Email(s) and contact number(s) me.ram111@gmail.com &
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3. Institution Mannar Thirumalai Naicker College,
Pasumalai, Madurai- 625004.
Tamilnadu.
4. Date of Birth 01/05/1983
5. Date of Appointment 17/02/2016
6. Gender Male
7. Academic Qualification (Undergraduate Onwards)

S.No	Degree	Year of Passing	Subject	University/Institution
1.	B.Sc	2003	Mathematics	St.Xavier's College, Palayamkottai.
2.	M.Sc	2005	Mathematics	Aditanar College of Arts and Science, Tiruchendur
3.	M.Phil	2008	Mathematics	Alagappa University, Karaikudi.
4.	Ph.D	2015	Mathematics	Aditanar College of Arts and Science, Tiruchendur (Manonmaniam Sundaranar University)

8. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Ph.D thesis title : *One modulo N graceful labelling of graphs*
Guide's Name : Dr. C. Sekar
Institute : Aditanar College of Arts and Science (Manonmaniam Sundaranar University)
Year of Award : August 2015

9. Work experience (in chronological order).

S.No.	Position held	Name of the Institute	From	To
1.	PG Assistant	Dharani Matric. Hr. Sec.School	01/07/2007	30/06/2009
2.	Lecture	S.Veerasingam Chettiar College of Engineering and Technology	01/07/2009	31/05/2013
3.	Assistant Professor	PSR Engineering College	05/06/2013	15/12/15
4.	Assistant Professor	Mannar Thirumalai Naicker College	17/02/2016	till date

10. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No	Name of Award	Awarding Agency	Year
1.	Produced 100% result in Engineering Mathematics II	PSR Engineering College	2015
2.	Referee	Ars Combinatoria SCI Journal	2015 Onwards
3.	Outstanding Best Paper Award – 2018 (SCI category)	Nature Science Foundation (NSF)	2018
4.	Best Young Scientist Award	GRABS Educational Charitable Trust	2019

11. Publications.

S.No.	Title of the paper	Name of the Authors	Name of Journal	Month & Year	ISSN	Volume & Issue	Impact factor	ID Indexed in Scopus, Web of Science, approved by UGC/UGC
1	M modulo N Graceful Labeling of Path union and join sum of complete bipartite graphs	C.Velmurugan and V.Ramachandran	TWMS Journal of Applied and Engineering Mathematics	Accepted on 30 th October 2020	2146-1147	--	--	Web of Science
2	Algorithm for M modulo N Graceful Labeling of Ladder and Subdivision of Ladder Graphs	C.Velmurugan and V.Ramachandran	International Journal of Mathematical Combinatorics	October 2020	1937-1055	3	--	--
3	M Modulo N Graceful Labeling of Path and Star	C.Velmurugan and V.Ramachandran	Journal of Information and Computational Science	December 2019	1548-7741	9 Issue 12	--	Scopus ID# 144748 (UGC CARE List)
4	Colligation of cycle graphs on one modulo N graceful labelling and its applications	V.Ramachandran	Journal of Information and Optimization Sciences (Taylor and Francis)	2019	0252-2667	40, Issue 3	--	Web of Science
5	(1, N)-Arithmetic Labelling of Arbitrary Supersubdivision of Paths, Cycles and Stars	V.Ramachandran and S.Anubala	Pramana Research Journal	2019	2249-2976	9, Issue 5	6.2	UGC Approved Journal ID # 41241

6	One Modulo N Gracefulness of $P_m \otimes nK_1$, $P_n(1, 2, \dots, n)$ and Union of two Subdivided Shell Graphs	V.Ramachandran and S.Anubala	Journal of Applied Science and Computations	2019	107 6- 513 1	VI, Issue III	5.8	UGC Approved Journal ID # 41238
7	$(1,N)$ -Arithmetic Labelling Supersubdivision of Ladder	V.Ramachandran and S.Anubala	Journal of Applied Science and Computations	2019	107 6- 513 1	VI Issue I	5.8	UGC Approved Journal ID # 41238
8	$(1,N)$ -Arithmetic Labelling of Ladder and Subdivision of Ladder	V.Ramachandran	International Journal of Mathematical Combinatorics	2018	193 7- 105 5	2	--	--
9	One modulo N gracefulness of Crowns, Armed crowns and chain of even cycles	V.Ramachandran, and C. Sekar	Ars Combinatoria.	2018	038 1- 703 2	138	0.186	Scopus ID #25215 & indexed in Web of Science (UGC CARE
10	$(1, N)$ - Arithmetic Labelling in Multimedia and Network Technology	V.Ramachandran,	International Journal of Mathematics And Its Applications	2017	234 7- 155 7	5 Numb er 4-C	0.421	UGC Approved Journal ID # 62807

11	A Comparative Study of Attitude of Final Year Under-Graduate Students of Colleges of Rural and Urban Areas of Madurai District Towards Environment Education	S.S.Jayabalakrishnan and V.Ramachandran,	<i>The Mannar Scroll</i>	2017	232 1-788 X	5 Spl Iss. 3	1.549 6	UGC Approved Journal ID # 43960
12	(1, N)-arithmetic graphs	V.Ramachandran, and C. Sekar	International Journal of Computers and Applications	2016	1925-7074	38 (1)	--	Scopus ID # 15484 (UGC CARE List)
13	Gracefulness and one modulo N gracefulness of $L_n \otimes S_m$	V.Ramachandran, and C. Sekar	Scientia magna	2016	1556-6706	11(1)	--	--
14	One modulo N gracefulness of supersubdivision of ladder	V.Ramachandran, and C. Sekar	Journal of Discrete Mathematical Sciences and Cryptography	2015	0972-0529	18 (3)	--	Scopus ID# 197001868 92 (UGC CARE List)
15	One modulo N gracefulness of H -class of graphs	V.Ramachandran and C. Sekar	Scientia, series A: Mathematical science	2015	0716-8446	26	--	--
16	One Modulo N Gracefulness of Some arbitrary Supersubdivision and Removal Graphs	V.Ramachandran and C. Sekar	International Journal of Mathematical Combinatorics	2015	1937-1055	1	--	--

17	One modulo N gracefulness of arbitrary supersubdivisions of graphs	V.Ramachandran , C. Sekar	International Journal of Mathematical Combinatorics	2014	1937-1055	2	--	--
18	One modulo N gracefulness of regular bamboo tree and coconut tree	V.Ramachandran , and C. Sekar	International journal on applications of graph theory in wireless ad hoc networks and sensor networks(GRAPH-HOC)	2014	0975-7031	6(2)	--	--
19	Graceful labelling of supersubdivision of ladder	V.Ramachandran, and C. Sekar	International Journal of Mathematics And Its Applications	2014	2347-1557	2(2)	0.421	UGC Approved Journal ID # 62807
20	One modulo N gracefulness of cycle related graphs	V.Ramachandran, and C. Sekar	National Journal of Technology	2014	0973-1334	10(4)	--	--
21	One modulo N gracefulness of splitting graphs and subdivision of double triangle graphs	V.Ramachandran, and C. Sekar	Scientia	2013	2282-2119	125	--	--
22	One modulo N gracefulness of n -polygonal snakes, $C_n^{(t)}$ and $P_{a,b}$	V.Ramachandran, and C. Sekar	International Journal of Engineering Research & Technology	2013	2278-0181	2(10)	3.06	--
23	One modulo N gracefulness of acyclic graphs	V.Ramachandran, and C. Sekar	Ultra Scientist	2013	2231-346X	25(3)A	2.98	--

24	Graceful labelling of arbitrary supersubdivision of disconnected graph	C. Sekar and D. V.Ramachandran,	Ultra Scientist	2013	2231-346X	25(2)A	2.98	--
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12. Research Articles Published in Proceedings

S.No	Name of the Author/Authors	Title of the Article	Title of the Conference/Seminar	International/National /State level	ISBN Number	dt/mm/yr
1	V.Ramachandran, C. Sekar	Some results on one modulo N graceful labelling of graphs	Proceedings of the National Conference on Present Scenario in Graph Theory (PSGT-2016)	National	978-93-85977-68-8	16/12/2016

13. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	ISBN number	Year of Publication
1	Proceedings of the National Conference on Present Scenario in Graph Theory (PSGT- 2016)	Dr.V. Perumal & Dr. V. Ramachandran	Shanlax Publications	978-93-85977-68-8	2016

14. Any other Information

(i) Detail of project

S.No	Project Title	Name of Applicant(s)	Status	Amount	Agency	Year
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1.	(1, N) – Arithmetic labeling of Subdivision, Supersubdivision and Arbitrary Supersubdivision of Ladder graph.	Dr.V. Ramachandran (PI)	Completed	Rs.20000	Institutional sponsored Research Project (Minor) Mannar Thirumalai Naicker College, Madurai	2017-18
2.	(1,N) – Arithmetic Labelling of Arbitrary Supersubdivision of Paths, Cycles, Stars, Disconnected Paths and Disconnected Path & Cycle.	Dr.V. Ramachandran (PI)	Completed	Rs.25000	Institutional sponsored Research Project (Minor) Mannar Thirumalai Naicker College, Madurai	2018-19
3.	Vocational training for Spiritual Dhoop, Art from waste, Art and Craft	Dr.V. Ramachandran (PI)	Got approval letter	Rs.100000	MHRD, India under UBA	2020-21

(ii) Paper presented in Seminar/ Workshop/ Conference

International conference

1. Presented a paper entitled “**One modulo N gracefulness of cycle related graphs**” in International conference on applied mathematical models”(ICAMM2014) organized by PSG College of Technology, Coimbatore, January 3 – 5 (2014).
2. Presented a paper entitled “**Generalization of Cycle related Graphs on One Modulo N Graceful Labelling**” in an International Conference on Mathematical Modeling and Computational Methods in Science and Engineering (ICMMCMSE 2017) organized by Alagappa University, Karaikudi, February 20 – 22 (2017)

3. Presented a paper entitled “ $(1, N)$ – Arithmetic labelling of Subdivision of Ladder graph and its Applications” in an “International Conference on Mathematical Computer Engineering – 2017 (ICMCE-2017) “on November 3-4, 2017 at VIT University, Chennai.
4. Presented a paper entitled “ $(1, N)$ – Arithmetic labelling of Supersubdivision of Ladder graph with $K_{2,m}$ having $m \equiv 0 \pmod{3}$ ” in an “International Conference on Applied Mathematical Models (ICAMM -2018) ” on January 4-6, 2018 at PSG College of Technology, Coimbatore.
5. Presented a paper entitled “ $(1, N)$ – Arithmetic labelling of Supersubdivision of Ladder graph with $K_{2,m}$ having $m \equiv 1 \pmod{3}$ ” in an “International Conference on Algebra and Discrete Mathematics-2018 ” on January 8-10, 2018 at Department of Mathematics-DDE, Madurai Kamaraj University, Madurai.
6. Presented a paper entitled “ $(1, N)$ – Arithmetic labelling of Supersubdivision of Ladder graph with $K_{2,m}$ having $m \equiv 2 \pmod{3}$ ” in an “International Conference on Discrete Mathematics & its Applications (ICDMA)” on January 18-20, 2018 at Manonmaniam Sundaranar University , Tirunelveli.
7. Presented a paper entitled “ $(1, N)$ -Arithmetic Labelling of Arbitrary Supersubdivision of Paths and Cycles” in an International Conference in Discrete Mathematics 2018 (ICDM - VI) on 14 - 17 December 2018 at National College, Trichy.
8. Presented a paper entitled “ $(1, N)$ -Arithmetic Labelling of Arbitrary Supersubdivision of Disconnected Graphs” in an International Conference on Discrete and Computational Mathematics ICDCM 2018 on December 20 – 21, 2018 at Alagappa University, Karaikudi.
9. Presented a paper entitled “ $(1, N)$ -Arithmetic Labelling of Even cycle Graphs” in an International Conference on Computational Sciences (ICCS 2019) on 23 & 24th October 2019 at Alagappa University, Karaikudi.

National conferences

1. Presented a paper entitled “**Graceful labelling of supersubdivision of ladder**” in National seminar on Algebra, Number theory and Discrete mathematics”(NSANDM – 2012) organized by Department of Mathematics Government College, Kattappana, Kerala on November 28 – 30 (2012).
2. Presented a paper entitled” **Gracefulness and one modulo N gracefulness of $L_n \otimes S_m$** “ in the Tamilnadu State Council for Higher Education Sponsored Two day National conference on recent developments in application of Graph theory”(NCRDAGT – 2013) organized by Raja Doraisingam Government Arts College, Sivagangai. August 2 – 3 (2013).

3. Presented a paper entitled” **One modulo N gracefulness of acyclic graphs**” in the UGC Sponsored National conference on Labellings and Decompositions of Graphs” organized by The Madura College, Madurai. August 29 – 30 (2013)
4. Presented a paper entitled” **One modulo N graceful labelling of disconnected Path and Cycle P_nUC_n and $P_n \cup C_n$ and $P_n^+ - V_k^{(1)}$** ” in the UGC Sponsored National Seminar on “Recent Developments in Functional Analysis, Topology and Graph Theory” organized by P.G. & Research Department of Mathematics, The Hindu College, Tirunelveli. March 26& 27 (2015)
5. Presented a paper entitled “Some results on one modulo N graceful labelling of graphs” National Conference on Present Scenario in Graph Theory (PSGT- 2016) organized by P.G. & Research Department of Mathematics, Mannar Thirumalai Naicker College, Madurai, December 16 (2016)

FDP/Workshop Attended (other than MTNC):

S.No	International/National / State Level	Title of the Programme/Course	Name of the Institution/University	dt/mm/yr
1	State level	workshop on “Contemporary Mathematics	Department of Mathematics, Sri Parasakthi College for women, Courtallam	12/03/2012
2	National level	25th Edition of Bridge 2017 – Chennai “The Largest Industry-Institute Interaction (Building High Impact Culture Of Research)	ICT Academy at ITC Grant Chola, Chennai.	01/03/2017
3	State level	Seminar on Developing New Curriculum-2017	State council of Educational Research and Training, Tamilnadu, held at Anna University Chennai-25	21/07/2017 & 22/07/2017
4	Regional level	Workshop on “Online Examination and Feedback using Smart Phones”	Madurai Kamaraj University, Madurai.	26/03/2018 to 28/03/2018
5	State level	State level Workshop on Reforms in Curriculum Design & Evaluation Based on OBE	The Standard Fireworks Rajaratnam College for Women, Sivakasi.	27/07/2019

6	National level	UGC National Workshop on Research Integrity & Awareness	University of Hyderabad, Hyderabad.	05/08/2019
7	Regional level	UBA (Unnat Bharat Abhiyan) - Regional Workshop on “UBA for participating Institutions -Southern Tamil Nadu”	Regional Coordinating Institute (Nodal Center- Southern Tamil Nadu), The Gandhigram Rural Institute (Deemed to be University) Gandhigram, Dindigul District	06/02/2020
8	National level	National Workshop on “Functional Analysis and its Applications”	St.Xaviers College, Palayamkottai, Tirunelveli.	13/02/2020 & 14/02/2020
9	State level	Online Workshop for Teachers	Universal Teachers Academy	21/04/2020 to 30/04/2020
10	State level	Online Course on Household Electrical Devices & Appliances	AVS College of Arts and Science	20/04/2020 and 21/04/2020
11	National level	Online Workshop for Enhancing Research Communication Skills through Science Direct and Mendeley	IQAC & School of Education (PMMMNMTT) Dayalbagh Education Institute	03/05/2020
12	National level	Webinar on Impact of Covid on Economy and Management of Finance during this Period	Shasun Jain College for Women (IOUAC)	4/05/2020
13	National level	GeoGebra 5.04 Training	Jamal Mohamed College (Autonomous)	12/05/2020
14	National level	R Training	Jamal Mohamed College	12/05/2020
15	State level	Webinar on Selection of Appropriate Statistical Tools : A Critical Way for Successful Research	St.Mary’s College, Autonomous, Thutukudi	12/05/2020
16	National level	Online Faculty Development Programme on Project Proposals for Funding Agencies (UGC STRIDE & ICSSR IMPRESS): PREPARATION AND SUBMISSION PROTOCOL”	Patrician College of Arts and Science	16/05/2020 & 17/05/2020
17	State level	Online Quiz on Role of NSS in Prevention of Covid -19	National Service Scheme Sourashtra College	23/05/2020
18	State level	Webinar on Centrality Measures in Graph Theory	Kalasalingam Academy of Research and Education	23/05/2020

19	State level	Graph Theory- A Research view Online Faculty Development Programme	Nirmala College for Women	26/05/2020
20	National level	Webinar Series (12 Sessions) on Knowledge Generation in Education during COVID – 19 Pandemic – Qualitative Research	Bombay Teacher Training College, HSNC University, Mumbai & Dept of Education, University of Mumbai	01/06/2020 to 06/06/2020
21	International level	Webinar on Graph Theory & Human Actors in Aviation	G. Venkataswamy Naidu College, Kovilpatti	03/06/2020 to 05/06/2020
22	State level	Webinar on Art of Writing Research Article	E.M.G. Yadava Women's College	6/06/2020
23	State level	Webinar on Role of Ayurveda in Strengthening Immune System during COVID – 19	Gobi Arts and Science College	13/06/2020
24	National level	Online Quiz on – MathQuiz-2K20 on Pure Mathematics	Vel Tech High Tech	16/06/2020
25	State level	Webinar on Research Fundamentals & Intellectual Property Rights	Sandakathullah Appa College	16/06/2020
26	State level	Webinar on Graph Embedding	Don Bosco College of Arts and Science	16/06/2020
27	National level	Webinar on Dr.V.Swaminathan Endowment Lecture series on Recent Trends in Graph Theory	Government Arts College, Paramakudi	22/06/2020 to 24/06/2020
28	National level	Webinar on Key Notes to Write a Research Proposal and funding opportunities in India – An Overview	St.Mother Theresa Engineering College	26/06/2020
29	National level	Webinar on – Solving Transportation Problems with Ms- Excel and Solver	Aditanar College of Arts and Science	27/06/2020
30	State level	Online Faculty Development Programme	Margregorios College of Arts and Science	02/07/2020 and 03/07/2020
31	State level	Webinar	Life Mask" The Americal College"	02/07/2020
32	State level	Webinar on Total Labeling in Graphs	Thiagarajar College of Engineering, Madurai	08/07/2020
33	National level	Webinar on Applications of Integrated Graph Theory Research	Sri Sarada College For Women	16/07/2020

34	National level	Webinar on ICT Tools for Teaching Learning	IQAC, St.Xavier's College	24/07/2020
35	National level	Session on Patent Prosecution Challenges and Strategies in India	The Frontiers Legal and Turnip Innovations	25/07/2020
36	State level	Webinar on " E-Content Development for Teaching Mathematics	The Madrai Diraviyam Thayumanavar Hindu College	07/08/2020

(iii) Orientation Programme /Refresher Course Details

1. Participated in the Orientation Programme From 15.11.2017 to 12.12.2017 organised by the UGC-Human Resource Development Centre, Bharathidasan University, Tiruchirappalli.
2. Participated in the Inter Disciplinary Refresher Course in Environmental Sciences from 21.09.2020 to 04.10.2020 organised by the UGC-Human Resource Development Centre, Andhra University, Visakhapatnam.

(iv) M.Phil Dissertation Guided: 07
Ph.D Guiding : 03

(v) Positions held at our college (MTNC):

S.No	Name of position	From	To
1	Assistant Controller of Examinations-I	22/06/ 2016	10/07/2019
2	Controller of Examinations i/c	03/06/2019	10/07/2019
2	Dean for Research, UGC and University Affairs	11/07/2019	till date

(vi) Workshop/Conference/FDP Attended in MTNC:

S.No	International/National / State Level	Title of the Workshop/Conference	Name of the Institution/University	Month and Year
1	College Level	Faculty Development Programme on "Online Teaching, Learning and Assessment Using Moodle, MOOC Platform, Open Educational Resources & Education Technology Tools"	Mannar Thirumalai Naicker College, Madurai	23/10/2017 & 24/10/2017

2	College Level	“Faculty Development Programme on “e-Content Development and Digital Tools”	Mannar Thirumalai Naicker College, Madurai	02/03/2018 & 03/03/2018
3	College Level	Faculty Development Programme on Intellectual Property Rights, Skill Development Programmes, Innovation,	Mannar Thirumalai Naicker College, Madurai	22/01/2019
4	College Level	Faculty Development Programme on Promotion of API Score and CAS Filling	Mannar Thirumalai Naicker College, Madurai	02/03/2019
5	College Level	One day Training and Production Workshop on prospects of outcome based Curriculum	Mannar Thirumalai Naicker College, Madurai	09/03/2019
6	College Level	“One day Capacity Building Programme on Outcome Based Education”	Mannar Thirumalai Naicker College, Madurai.	28/08/2019
7	College Level	“One day Workshop on Research Writing and Publications: Theory and Practice”	Mannar Thirumalai Naicker College, Madurai.	19/10/2019
8.	College Level	Faculty Development Programme on Promotion of API Score and Career Advancement Scheme	Mannar Thirumalai Naicker College, Madurai.	03/03/2020
9.	College Level	One day Faculty Development Programme on 21st Century Skills	Mannar Thirumalai Naicker College, Madurai	05/03/2020
10.	State Level	Online MCQs Test	Mannar Thirumalai Naicker College	27/04/2020
11	National Level	Online National Faculty Enrichment Programme (IQAC)	Mannar Thirumalai Naicker College	13/05/2020 to 19/05/2020
12	State Level	Webinar “ Bio Diversity	Mannar Thirumalai Naicker College	22/05/2020
13	International Level	Online Quiz on “ Covid-19, Protection and Prevention”	Mannar Thirumalai Naicker College	25/05/2020
14	National Level	Enrichment Programme on” Franchising the Way Forward	Mannar Thirumalai Naicker College	28/05/2020

15	National Level	E-Quiz on Mathematical Analysis	Mannar Thirumalai Naicker College	30/05/2020
16	State Level	Webinar on fPob ejpf;fiuapy; rq;f fhy efu ehfupfk;	Mannar Thirumalai Naicker College	01/06/2020
17	State Level	Webinar on ‘ Protective Measures in Cyber Space amidst COVID Crisis	Mannar Thirumalai Naicker College	08/06/2020
18	State Level	Online Workshop on Positive Thinking and Decision Making	Mannar Thirumalai Naicker College	23/06/2020
19	State Level	Recent Trends in Mathematical Modelling	Mannar Thirumalai Naicker College	27/06/2020

(vii)Resource person/ Chief Guest

1. Acted as the Chief Guest and delivered a plenary talk on “Scope of Mathematics in various fields” in the Inter-Collegiate Meet “GUSTO MATH FETE’18” on 28th Februray 2018 organized by the Department of Mathematics, Don Bosco College of Arts & Science, Keela Eral.
2. Acted as the Chief Guest and delivered a keynote Address on “An Equation means nothing to me unless it expresses a thought of god ” on 10th January 2020 organized by the Department of Mathematics, Mangayarkarasi College of Arts & Science for Women, Paravai, Madurai.

(viii)CONFERENCES / SEMINARS / WORKSHOPS / INTERCOLLEGIATE MEETS / etc., ORGANIZED

S. No	Date	Name of the Programme	Name of the Institution
1	16th December 2016	National Conference on Present Scenario in Graph Theory (PSGT- 2016)	Mannar Thirumalai Naicker College, Madurai
2	13 th March 2018	One day State Level Seminar on “Recent Advancement in Applied Mathematics (RAAM-2018)”	Mannar Thirumalai Naicker College, Madurai

3	26 th November 2019	70 th Anniversary of Indian Constitution Day Celebration	Mannar Thirumalai Naicker College, Madurai
4	18 th & 19 th February 2020	Two days training programme on “Institution Mail id, Google Scholar and UGC CARE List”	Mannar Thirumalai Naicker College, Madurai
5	24 th February 2020	International Mother Language Day Celebration	Mannar Thirumalai Naicker College, Madurai

(ix) Subject Expert/ member in Board of Studies:

S.No.	Expert/ Member	Name of the institution	Year
1	Subject Expert of Department of Mathematics (CA)	Sourashtra College, Madurai.	2016-17 & 2017-18

(x) Google Scholar Details:

Citations	50
h-index	5
i10-index	1