

**Government Arts college (Autonomous), Coimbatore – 18**  
**Performance - Teacher Appraisal Report**

**i) General Information**

- a) Name : Dr.D.Senthilkumar
- b) Address (Residential) : No. 5, Green City, Thavasi Nagar, Kovilmedu,  
Coimbatore – 641025.  
Mobile No.: 9442279425.
- c) Designation : Associate Professor
- d) Department : Mathematics
- e) Date of Birth : 01.04.1968
- f) Area of Specialization : Operator Theory



**A) Academic Qualifications**

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Tamil, English, Maths, Science, History & Geography.	Board of secondary Education	1984	I Class
Higher Secondary or Pre-degree	Maths, Physics, Chemistry, Biology	Board of Higher secondary Education	1986	I Class
Bachelor's Degree (s) ( <b>B.Sc.</b> Mathematics)	Mathematics	Bharathiar University, Coimbatore	1989	I Class
Master's Degree (s) ( <b>M.Sc.</b> Mathematics)	Mathematics	Bharathiar University, Coimbatore	1991	I Class
( <b>M.Phil.</b> Mathematics)	Mathematics	Bharathiar University, Coimbatore	1996	Highly Commended

Research Degree (s) <b>(Ph.D. Mathematics)</b>	Mathematics	Bharathiar University, Coimbatore	2005	Commended
Other Diploma/ Certificates etc.  <b>B.Ed (Education)</b>	Mathematics	Annamalai University, Chidambaram	1992	I Class
<b>M.Ed (Education)</b>	Mathematics	Annamalai University, Chidambaram	1994	I Class
<b>PGDOR (Operations Research)</b>	Operations Research	Pondicherry University, Pondicherry.	1997	I Class
<b>PGDCA</b>	Computer Applications	Bharathiar University, Coimbatore.	2002	II Class

## ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	On Queuing and Inventory Theory.	Bharathiar University, Coimbatore.
Ph. D.	Some Classes of Composition Operators on $L^2$ Spaces.	Bharathiar University, Coimbatore.
Post-Doctoral	-----	----
Publications (give a list separately)	<b>Please Refer Appendix - A</b>	----
Research Guidance (give names of students guided successfully)	<b>Please Refer Appendix - B</b>	----
Training (please specify)	-----	----

## B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
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**C) Seminars, Conferences, Symposia Workshops etc. attended** (If necessary give a separate list)

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
Please	Refer	Appendix C

**iii) Teaching Experience**

Courses Taught	Name of the University / College / Institution	Duration
i) UG (BA / B.Sc., etc. Pass) (BA / B.Sc., etc. Hons.)	Tamilnadu College of Engineering, Coimbatore.	24.08.1992 to 20.09.1996.
	Sri Ramakrishna Engineering College, Coimbatore.	23.09.1996 to 20.09.2007
	Govt. Arts College, Coimbatore-18	26.12.2007 to till date
ii) PG (MA / M.Sc., etc.)	Govt. Arts College, Coimbatore-18	26.12.2007 to till date
iii) M. Phil.	Govt. Arts College, Coimbatore-18.	26.12.2007 to till date
iv) Ph.D.	Govt. Arts College, Coimbatore-18.	26.12.2007 to till date
v) Any other	----	----

**Total Teaching Experience (in years and months) :**

a) Under-graduate (Pass) : 26 Years and 4 Months

b) Under-graduate (Hons.) : -----

c) Post-graduate : 11 Years and 5 Months

**viii) Innovations/ Contributions in Teaching** (If necessary give a separate list)

a) Design of Curriculum :	Designed syllabus for B.Sc., M.Sc.,M.Phil., (Mathematics )Courses.
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b) Teaching methods :	Lecturing, educational quiz, group discussions, seminars. Teaching through A/V aids, Industrial visits and training.
c) Laboratory experiments :	Matlab Assignments and problem solving ability in accordance with the syllabus, Questionnaires and conducting viva-voce.
d) Evaluation methods :	Tests, seminars, problem solving experiments, Paper presentation, Attentiveness of the student is periodically watched, Problem solving Exercises, Projects.
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	<ol style="list-style-type: none"> <li>1. Mainly prescribed text books</li> <li>2. Consultation with senior professors</li> <li>3. Journals and magazines</li> <li>4. Internet, Magazines, News papers</li> </ol>
f) Remedial Teaching / Student Counseling (academic) :	Special coaching classes, Identifying students' problems, helping them in solving problems, parental counseling.
g) Any other :	Periodical counselling to students of the Department/college in the Guidance and Counselling center.

**ix) Extension Work/ Community Service (If necessary give a separate list)**

**a) Please give a short account of your contribution to:**

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc. : Creating awareness about the basic values, Interpersonal skills, social skills and Prosocial behavior among students and members in the community.

ii) National Literacy Mission : Creating awareness about the importance and value of literacy.

**b) Positions held/Leadership role played in organisations linked with Extension Work and National Service Scheme (NSS) or (NCC) or any other similar activity. :**

1. Class Tutor ( B.Sc.,)
2. Class Tutor (M.Sc.)

**D. Participation in Corporate Life**

Please give a short account your contribution to:

a) College/ University / Institution	Helping the Principal, HOD in the Departmental activities, Maintaining Discipline in the campus ,
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	Motivating the Students to join all the extra-curricular Activities
b) Co-curricular Activities	----
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Helping/assisting /guiding the Principal, HOD, Colleagues and students to enrich the campus life
d) Students Welfare and Discipline	Periodical counselling to the students, their Parents and family members in the Guidance and Counselling center.
e) Membership / Participation in Bodies / Committees on Education and National Development	Member- Board of studies, Syllabus framing, External and Internal examiner in Theory examinations.
f) Professional Organization of Teachers	----

### **E.**

(a) Membership of Professional Bodies, Societies etc.

1. Life Member of INDIAN SOCIETY FOR TECHNICAL EDUCATION.
2. Life MEMBER OF INDIAN MATHEMATICAL SOCIETY.
3. Life Member of RAMANUJAM MATHEMATICAL SOCIETY.

(b) Editorship of Journals

1. Reviewer in Acta Mathematica Scientia ELSEVIER.
2. Reviewer in Thai Journal of Mathematics SCOPUS and WOS.

### **F. Any other information :**

1. Swayam Refresher Course on Curriculum design and E content development for the period of 4 months from 01.11.2018 to 28.02.2019 has been completed.

**(Signature of the Teacher)**

## APPENDIX – A

### C. Research Experience & Training : List of Publications

#### I. Publications (International / National):

1. S.Panayappan and D.Senthilkumar, K-Hyponormal composition operators, Acta Ciencia India, Vol.XXVIII M, No.4, 607-610, 2002.
2. S.Panayappan and D.Senthilkumar, Parahyponormal and  $M^*$ -Paranormal composition operators, Acta Ciencia India, Vol.XXVIII M, No.4, 611-614, 2002.
3. S.Panayappan and D.Senthilkumar, Spectral Properties of p-hyponormal composition operators, Far East Journal of Mathematical Sciences, 9(3), 287-292, 2003.
4. S.Panayappan and D.Senthilkumar, Class A composition operators, Bulletin of Calcutta Mathematical Society, 96(1), 33-36, 2004.
5. D.Senthilkumar and K.Thirugnanasambandam, Some classes of Weighted Composition Operators, International Journal of Mathematical Sciences, Vol. 4, No 1, 111-116, 2005.
6. S.Panayappan, D.Senthilkumar and K.Thirugnanasambandam, Composition Operators of class Q, Far East Journal of Mathematical Sciences, Vol. 28, (1), 241 – 248, 2008.
7. S.Panayappan, D.Senthilkumar and R.Mohanraj, M – Quasihyponormal Composition Operators on Weighted Hardy Spaces, International Journal of Mathematical Analysis, Vol. 2, No. 24, 1163 – 1170, 2008.
8. S.Panayappan, D.Senthilkumar and K.Thirugnanasambandam, A note on Powers of p – hyponormal and Product of Quasinormal Composition Operators, International Journal of Mathematical Analysis, Vol. 3, No. 1, 49 – 54, 2009.
9. D.Senthilkumar and K.Thirugnanasambandam, Class A Weighted Composition Operators, Scientia Magna, Vol. 5, No. 1, 44 – 46, 2009.
10. D.Senthilkumar and T.Prasad, Composition Operators of Class  $Q^*$ , International Journal of Mathematical Analysis, Vol. 4, No. 21, 1035 – 1040, 2010.

11. D.Senthilkumar and T.Prasad , M class Q Composition Operators, Scientia Magna, Vol. 6, No. 1, 25 – 30, 2010.
12. D.Senthilkumar and T.Prasad , Riesz Projection and Weyl's theorem for Hereditarily Absolute – (p, r) – Paranormal Operators, Bulletin of Mathematical Analysis and Applications, Vol 2, 100 – 108, 2010.
13. D.Senthilkumar and S.M.Sherin Joy , Weyl type theorems for  $(\alpha , \beta )$  - normal operators, Scientia Magna, Vol. 6, No. 2, 45 – 51, 2010.
14. D.Senthilkumar, D.Kiruthika and P.Maheswari Naik ,  $\approx$  - Aluthge transformation and adjoint of \*- Aluthge transformation, Scientia Magna, Vol. 6 , No. 2, 59 – 66,2010.
15. D.Senthilkumar, K.Thirugnanasambandam and R.Mohanraj, M – Paranormal and \* - Paranormal Composition Operators on Weighted Hardy Space, Int. J. Contemp. Math. Sciences, Vol. 5, No. 56, 2793 – 2799, 2010.
16. P.Chandrakala and D.Senthilkumar, Weighted Composition Operator and Dynamical System on Weighted Function Spaces, Far East Journal of Mathematical Sciences (FJMS), Volume 42, Number 2, 281 – 288, 2010.
17. D.Senthilkumar and T.Prasad , Weyl's theorem for algebraically hereditarily absolute – (p, r) – paranormal operators, Internat. J. Functional Analysis, Operator theory & applications, Vol. 2, No. 2, 103 – 113, 2010.
18. D.Senthilkumar and S.M. Sherin Joy, Composition operators of  $(\alpha , \beta )$  - normal operators, Internat. J. Functional Analysis, Operator theory & applications, Vol. 2, No. 2, 125 – 132, 2010.
19. S.Panayappan, D.Senthilkumar and R.Mohanraj , Composition operators of class  $(M , K )_N$ , International Journal of Math. Sci. & Engg. Appls, Vol.5, No.1, 119- 124, 2011.
20. S.Panayappan, D.Senthilkumar and R.Mohanraj ,Weighted Composition operators of class  $(M , K )_N$ , International J. of Math. Sci. & Engg. Appls. Vol. 5, No. 1, 259 – 264, 2011.
21. D.Senthilkumar and P.Maheswari Naik , Weyl's theorem for algebraically absolute – (p, r) – paranormal operators, Banach Journal of Math. Anal., No. 1, 29 – 37, 2011.
22. D.Senthilkumar, S.M. Sherin Joy and T.Prasad , On generalised class Q\* operators, International Journal of Applied Mathematics, Vol 24, No. 1, 81 – 87, 2011.
23. D.Senthilkumar and P.Maheswari Naik , Absolute – (p, r) – paranormal operators, International Journal of Math. Sci & Engg. Appls., Vol. 5, No. III , 311 – 322, 2011.
24. D.Senthilkumar, P.Maheswari Naik and D.Kiruthika , Quasi class Q\* composition operators, International Journal of Math. Sci & Engg. Appls., Vol. 5, No. IV, 1 – 9, 2011.

25. D.Senthilkumar, S.M. Sherin Joy and P.Maheswari Naik , Weyl type theorems and composition operators for  $p$  – posinormal operators, International Journal of Math. And Computaion, vol. 13, 14 – 25, 2011.
26. D.Senthilkumar, P.Maheswari Naik , Algebraically absolute –  $(p, r)$  – paranormal operators, International Journal of Applied Mathematics, Vol. 24, No. 3, 349 – 359, 2011.
27. D.Senthilkumar, P.Maheswari Naik and R.Shanthi , Weighted composition of  $N$  – class  $A(k)$  operators, International Journal of Applied Mathematics, Vol. 24, No. 6, 935 – 942, 2011.
28. D.Senthilkumar, T.Prasad and M.Kumaresan ,  $N$  – Class  $A$  composition operators, International Journal of Math. Archive. 2 (12), 2561 – 2564, 2011.
29. D.Senthilkumar and P.Chandrakala , Composition operator and weighted composition operator on weighted spaces of analytic functions, International Journal of Math. Archive. 2 (12), 2543 – 2548, 2011.
30. D.Senthilkumar, T.Prasad and S.M. Sherin Joy , Spectral Properties of class  $A$  composition operators, Far East Journal of Mathematical Sciences., Vol 61, No. 2, 231 – 238, 2012.
31. D.Senthilkumar, P.Maheswari Naik and R.Shanthi ,  $k$  – quasi – normal operators, International J. of Math. And Computation. Vol. 15, No. 2, 99 – 105, 2012.
32. D.Senthilkumar, P.Maheswari Naik and R.Shanthi , Weighted composition of  $k$  – quasi – paranormal operators, International Journal of Math. Archive. 3(2), 739 – 746, 2012.
33. S.Panayappan, D.Senthilkumar and D.Kiruthika , Weyl’s theorem for Algebraically class  $A(k)$  operators, International Mathematical Forum, Vol. 7, No. 10, 469 – 476, 2012.
34. D.Senthilkumar and D.Kiruthika , Weyl’s theorem for algebraically class  $A(s, t)$  operators, J. of Mathematics and Statistics, 8(1), 150 – 153, 2012.
35. D.Senthilkumar, P.Chandrakala , Operators and Dynamical system in Measurable function spaces, Global Journal of Mathematical Sciences : Theory and Practical, Vol. 4, No. 2, 107 – 114, 2012.
36. D.Senthilkumar, P.Maheswari Naik and T.Prasad , Composition of Absolute- $(p,r)$ -Paranormal and  $p$ -Paranormal operators, Far East Journal of Mathematical Sciences(FJMS) Vol 68, No.2, 161-173, 2012.
37. A.Sekar, C.V.Seshaiah, D.Senthilkumar and P.Maheswari Naik, Browder and a –Browder Theorem for  $k$ -Quasi- $*$ - Class  $a$  operators, European Journal of Scientific Research, Vol. 84, No.4, 552-557, 2012.



38. A.Sekar, C.V.Seshaiah, D.Senthilkumar and P.Maheswari Naik, Isolated Points of Spectrum for Quasi- $*$ -Class A Operators, Applied Mathematical Sciences, Vol. 6, No.136, 6777-6786, 2012.
39. A.Sekar, C.V.Seshaiah, D.Senthilkumar and P.Maheswari Naik , Weyl's Theorem for Algebraically k-Quasi- $*$ -Class A Operators, International J. of Math. Sci. & Engg. Appls. Vol. 6, No. VI, 93 – 100, 2012.
40. A.Sekar, C.V.Seshaiah, D.Senthilkumar and P.Maheswari Naik , Spectral Continuity: (p,k)-Quasihyponormal and k-Quasi- $*$ -Class A Operators, Wulfenia Journal, Vol 19, No.10, 133-143, 2012.
41. D.Senthilkumar, P.Maheswari Naik and N.Sivakumar , Generalized Weyl's Theorem for Algebraically k-Quasi-Paranormal Operators, Journal of the Chungcheong Mathematical Society, Vol.25, No.4, 655-668, 2012.
42. D.Senthilkumar and S.M.Sherin Joy , On Totally  $(\alpha, \beta)$ - Normal Operators, Far East Journal of Mathematical Sciences, Vol 71, No.1, 151-167, 2012.
43. D.Senthilkumar, P.Maheswari Naik and R.Santhi, Weighted Composition of Quasi-Paranormal Operators, Far East Journal of Mathematical Sciences, Vol 72, No 2, 369-383, 2013.
44. D.Senthilkumar, R.Santhi , Composition of p- $(\alpha, \beta)$ - Normal Operators, International J. of Math. Sci. & Engg. Appls. (IJMSEA) Vol.7, No.V, 117-122, 2013.
45. A.Sekar, C.V.Seshaiah, D.Senthilkumar and P.Maheswari Naik , Weyl Type Theorem for Quasi- $*$ -Class A Operators, International J. of Math. Sci. & Engg. Appls, Vol. 7, No. 1, 277-288, 2013.
46. A.Sekar, C.V.Seshaiah, D.Senthilkumar and P.Maheswari Naik , Weyl Type Theorem and Spectrum for k-Quasi- $*$ -Class A Operators, Far East Journal of Mathematical Sciences, Volume 75,Number 2, 273-293, 2013.
47. N.Sivakumar, D.Senthilkumar and P.Maheswari Naik , Spectral continuity (p,k)-Quasihyponormal and k-Quasi-Paranormal Operators, International J. of Math. Sci. & Engg. Appls. (IJMSEA) Vol. 7, No.IV, 243-252, 2013.
48. N.Sivakumar, D.Senthilkumar and P.Maheswari Naik ,Weyl Type Theorem for k-Quasi-Paranormal Operators,International Journal of Mathematical Archive-4(6),256-266, 2013.
49. N.Sivakumar, D.Senthilkumar and P.Maheswari Naik ,Generalized Weyl's Theorems for Perturbations of Algebraically k-Quasi-Paranormal Operators, Global Journal of Pure And Applied Mathematics, Vol. 9, No.3, 265-276, 2013.

50. D.Senthilkumar, P.Chandrakala and T.Prasad , Tensor Product Operators Induce Dynamical System On Weighted Locally Convex Space, Jordan Journal of Mathematics and Statistics, 6(3), 169-181, 2013.
51. D.Senthilkumar and D.Kiruthika , Spectral Continuity of (p,k)-Quasiposinormal Operator and (p,k)-Quasihyponormal Operator, International Journal of Applied Mathematics, Vol 26, No.5, 565-573, 2013.
52. D.Senthilkumar, P.Maheswari Naik and D.Kiruthika , Weyl Type Theorem and Spectrum for (p,k)-Quasiposinormal operators, Banach J.Math. Anal. 7, No.2, 30-41, 2013.
53. D.Senthilkumar and R.Santhi , Spectral continuity (p,k)- Quasihyponormal and totally p- $(\alpha, \beta)$ -normal operators, Journal of Advances in Mathematics, Vol 8, No 3, 1586-1596, 2014.
54. D.Senthilkumar and R.Santhi ,On p- $(\alpha, \beta)$ -Normal operators, Applied Mathematical Sciences, Vol 8, No. 41, 201, 2041-2052, 2014.
55. D.Senthilkumar and P.Chandrakala , Tensor Sum and Dynamical Systems, Acta Mathematica Scientia, 34B(5), 1-12, 2014.
56. D.Senthilkumar S.Shylaja, Aluthge Transformation on N-class A(k) Operators, Mathematical Sciences International Research Journal, Vol 4, Issue 2, (2015).
57. D.Senthilkumar S.Murugan, Aluthge Transformation of Powers of N-class  $A_k$  Operators, Mathematical Sciences International Research Journal, Vol 4, Issue 2, (2015).
58. D.Senthilkumar S.Shylaja, \* - Aluthge Transformation and Adjoint of \* - Aluthge Transformation of N-class A(k) Operators, Mathematical Sciences International Research Journal, Vol 5, Spl Issue, (2015).
59. D.Senthilkumar S.Murugan, \* - Aluthge Transformation of Powers of N-class  $A_k$  Operators, Mathematical Sciences International Research Journal, Vol 5, Spl Issue, (2015).
60. D.Senthilkumar S.Shylaja,  $(\alpha, \beta)$ -Normal Weighted Composition Operator, International Journal of Applied Engineering Research, Vol 8,Spl Issue 2015, No.1 (2016).
61. D.Senthilkumar S.Murugan, K – Frame operators in Hilbert Space, International Journal of Applied Engineering Research, Vol 8,Spl Issue 2015, No.1 (2016).
62. D.Senthilkumar S.Shylaja, Aluthge Trnsformation and \* - Aluthge Transformation of Powers N-class A(k) operators, International Journal of Pure and Applied Mathematics, Vol 106, No.8, 2016, 53-58.
63. D.Senthilkumar S.Murugan, Aluthge Trnsformation and \* - Aluthge Transformation of N-class  $A_k$  operators, International Journal of Pure and Applied Mathematics, Vol 106, No.8, 2016, 53-58.

64. D.Senthilkumar S.Shylaja, Weyl and weyl Type Theorem for  $M -$  Quasi  $N$ - class  $A(k)$  Operators, Global Journal of Pure and Applied Mathematics, Vol 12, No. 2, 2016, 1601-1612.
65. D.Senthilkumar, S.Parvatham, Hermitian Weighted composition operators on weighted hardy spaces, Advanced Mathematics: Theory and Applications, chapter II, 9-16.
66. D.Senthilkumar, R.Murugan, Weyl's theorem for  $m$ -quasi  $N -$  class  $A_k$  operators, Scientia Magna, Vol. 12, No 1(2017), 32-45.
67. D.Senthilkumar, R.Murugan, Weyl's theorem for quasi  $N -$  class  $A_k$  operators, Global Journal of Pure and Applied Mathematics, Vol.13, No. 3(2017), 875-884.
68. D.Senthilkumar, S.Parvatham, Spectral properties of  $k$ -quasi  $*$  parahyponormal operators, Journal of Informatics and Mathematical Sciences, Vol. 9, No. 3(2017).
69. D.Senthilkumar, S.Parvatham, Some properties of  $n -$  class  $Q$  operators, International Journal of Pure and Applied Mathematics, Vol.117, No. 11(2017), 53-59.
70. D.Senthilkumar, S.Parvatham, Some properties of  $*$ -  $n -$  class  $Q$  operators, International Journal of Pure and Applied Mathematics, Vol.117, No. 11(2017), 129-135.
71. D.Senthilkumar, A.Sakthivel, Fuglede Putnam Theorem on Class  $p$ - $wA(s,t)$  operators, Int. J. Math. And Appl., 6(1-C)(2018), 505-508.
72. D.Senthilkumar, J.Meena, Generalized  $k$  quasihyponormal Composition operators on Weighted Hardy Space, Int. J. Math. And Appl., 6(1-D)(2018), 791-800.
73. D.Senthilkumar, K.Sathiyamoorthi,  $N$ -normal and  $N$ -quasinormal Composition and Weighted composition operators on  $L^2(\mu)$ , Iaetsd Journal for advanced research in applied sciences, volume 5, issue 3(2018), 276-281.
74. D.Senthilkumar, S.Parvatham, Aluthge transformation of quasi -  $n -$  class  $Q$  and quasi -  $n$  class  $Q^*$  operators, European Journal of Pure and Applied Mathematics, Vol.11, No. 4(2018), 1108- 1129.
75. D.Senthilkumar and P.Tamilselvi, Weighted composition of  $m$ -Quasi  $k$ -Paranormal operators, International Journal of Mathematics and its Applications, Vol.7, No. 1(2019), 1-8.
76. D.Senthilkumar and N.Revathi, Quasi- $P$  normal and Quasi- $n$ - $P$  normal composition, Weighted composition and Composite Multiplication operators, International Journal of Scientific and Engineering Research, Vol.10, Issue 1(2019), ISSN: 951-954.

77. D.Senthilkumar and P.Tamilselvi, Adjoint of Aluthge Transformation and Adjoint of \* - Aluthge Transformation of  $m$ -Quasi  $k$ -Paranormal operators, International Journal of Basic and Applied Research, Vol.9, No. 2(2019), 53-61.

## APPENDIX-B

### C. Research Experience & Training: Research Guidance

#### M. Phil. (Mathematics)

S.No.	Name of the Scholar	Year	FT/PT	University	Status
1.	M.KUMARESAN	2011	FT	Bharathiar	Completed
2.	M.UMARANI	2012	FT	Bharathiar	Completed
3.	S.REVATHY	2009	FT	Bharathiar	Completed
4.	N.JAYANTHY	2009	FT	Bharathiar	Completed
5.	P.AMALAJERSIRANI	2008	FT	Bharathiar	Completed
6.	R.MURUGAN	2013	FT	Bharathiar	Completed
7.	M. GOVIND YADAV	2015	FT	Bharathiar	Completed
8.	K. SATHIYA MOORTHY	2015	FT	Bharathiar	Completed
9.	K. ROHINI	2015	FT	Bharathiar	Completed
10.	J. MEENA	2016	FT	Bharathiar	Completed
11.	A. SAKTHIVEL	2016	FT	Bharathiar	Completed
12.	P. TAMILSELVI	2017	FT	Bharathiar	Completed
13.	N. REVATHI	2017	FT	Bharathiar	Completed
14.	A. VINITHA	2018	FT	Bharathiar	Pursuing

**II. Ph.D. (Mathematics)**

<b>S.No.</b>	<b>Name of the Scholar</b>	<b>Year</b>	<b>FT/PT</b>	<b>University</b>	<b>Status</b>
<b>1.</b>	<b>T. PRASAD</b>	<b>2012</b>	<b>FT</b>	<b>Bharathiar</b>	<b>COMPLETED</b>
<b>2.</b>	<b>P. MAHESWARI NAIK</b>	<b>2013</b>	<b>FT</b>	<b>Bharathiar</b>	<b>COMPLETED</b>
<b>3.</b>	<b>S.M.SHERIN JOY</b>	<b>2014</b>	<b>FT</b>	<b>Bharathiar</b>	<b>COMPLETED</b>
<b>4.</b>	<b>D.KIRUTHIKA</b>	<b>2014</b>	<b>FT</b>	<b>Bharathiar</b>	<b>COMPLETED</b>
<b>5.</b>	<b>P.CHANDRAKALA</b>	<b>2014</b>	<b>FT</b>	<b>Bharathiar</b>	<b>COMPLETED</b>
<b>6.</b>	<b>R.SHANTI</b>	<b>2011</b>	<b>PT</b>	<b>Bharathiar</b>	<b>COMPLETED</b>
<b>7.</b>	<b>R.MURUGAN</b>	<b>2014</b>	<b>FT</b>	<b>Bharathiar</b>	<b>COMPLETED</b>
<b>8.</b>	<b>SHYLAJA.S</b>	<b>2014</b>	<b>FT</b>	<b>Bharathiar</b>	<b>PURSUING</b>
<b>9</b>	<b>S.PARVATHAM</b>	<b>2016</b>	<b>FT</b>	<b>Bharathiar</b>	<b>PURSUING</b>
<b>10</b>	<b>K.SATHIYAMOORTHY</b>	<b>2017</b>	<b>FT</b>	<b>Bharathiar</b>	<b>PURSUING</b>

## APPENDIX – C

### E. Seminars, Conferences, Symposia Workshops etc. attended:

1. Participated in the workshop on “Differential Equations and Dynamical Systems” at IIT, Madras (25<sup>th</sup> November to 5<sup>th</sup> December 1998).
2. Participated in the National Seminar on “Recent Developments in Applied Mathematics” at Bharathiar University, Coimbatore.(February 24 & 25, 2000).
3. Participated in the U.G.C Sponsored state level conference on “Mathematical In Computers” at PSG College of Arts and Science, Coimbatore.(March 21 & 22, 2000)
4. Attended the AICTE-ISTE short term course on “Fuzzy Sets and Fuzzy Logic” organized by department of Mathematics, Kongu Engineering College, Perundurai, Erode- 638 052, (09.11.2000 to 22.11.2000).
5. Participated in the two day national seminar on “Mathematics – YTOTOM” conducted by the department of mathematics, Nirmala college for women, Coimbatore- 641 018(October 4 & 5, 2001).
6. Participated in the one day seminar on “Discrete Analysis” Conducted by the Department of mathematics, PSGR KRISHNAMMAL College for Women, Coimbatore-641004(March 1, 2002).
7. Participated in “Workshop on Applications of Mathematics in Engineering and Technology” Conducted by the department of mathematics, PSNA College of Engineering and Technology, Dindigul- 642 622 (September 6, 2002).
8. Participated in the one day workshop on “Cryptography” conducted by the department of Mathematics PSGR KRISHNAMMAL College for women Coimbatore-641004 (October1, 2002).
9. Participated in UGC Sponsored National conference on operator theory conducted by the Post Graduate and Research Department of mathematics, Government Arts College Coimbatore-641 018, held during Feb 28<sup>th</sup> & Mar 1<sup>st</sup> , 2007.
10. Participated in the workshop on Recent Trends in mathematics organized by Post Graduate and Research department of mathematics. Government Arts College Coimbatore during 3<sup>rd</sup> and 4<sup>th</sup> march 2008.

11. Participated in the UGC SPONSORED National Conference on Applications of Fuzzy sets and Fuzzy logic held at Department of Mathematics, Government Arts College, Coimbatore on October 22<sup>nd</sup> and 23<sup>rd</sup> 2008.
12. Participated in the UGC sponsored National Conference on Computational Methods in continuum Mechanics during March 18,19,2009 at department of mathematics, Government Arts College Coimbatore-18.
13. Participated in the Tamilnadu State Council for Higher Education Sponsored National Seminar on Mathematical Computation on March 28<sup>th</sup> 2011 at department of Mathematics, Government Arts College, Coimbatore-18.
14. Participated in the National Conference on Recent Developments in Mathematics (NCRDM – 2019) during February 21<sup>st</sup> and 22<sup>nd</sup> 2019 at department of Mathematics, Government Arts College, Coimbatore-18.

### **Invited Lectures and Conference Presentations**

#### **INTERNATIONAL**

- Generalised Althuge Transformation On P – Quasihyponormal Operators, August 12 - 14 – 2001 in the International Conference on Industrial Mathematics 2001, conducted by the Department of Mathematics, Indian Institute of Technology Madras, Chennai – 600036.

#### **NATIONAL**

- K – Hyponormal Composition Operators, December 27 & 28, 2001 in the National Conference on Mathematical and Computational Models NCMCM 2001 conducted by the Departmental of mathematics and Computer Applications, PSG College of Technology, Coimbatore – 641 004.
- Class A Composition Operators, 26<sup>th</sup> March 2003 in the UGC Sponsored one day Seminar on Operator theory and stochastic Models conducted by the Department of Mathematics, Government Arts College (Autonomous) Coimbatore 18.
- Some classes of weighted Composition Operators, December 22, 2000 in the one – day symposium on Mathematical Methods and Applications, Conducted by the Department of Mathematics. Indian Institute of Technology Madras, Chennai – 600036.

### **Orientation, Refresher Programme:**

- Participated in the Orientation Programme conducted by UGC – Academic staff college, University of Madras from 26.12.2007 to 24.1.2008.
- Participated in the Refresher course in Human Rights (multidisciplinary) conducted by UGC – Academic staff college, Bharathiar University, Coimbatore from 06.10.2010 to 26.10.2010.
- Participated in the Refresher course in Applied Mathematics and Statistics conducted by UGC – Academic staff college, Bharathiar University, Coimbatore from 15.09.2016 to 05.10.2016.