

## Staff Profile

1. **Name:** Dr. S. MOHAN
2. **Gender:** Male
3. **Age** as on 06.04.2019 & **D.o.B:** (DD/MM/YY) : 43 & 28 / 04 / 75
4. **Educational Qualifications:**



S. No	Degree	College/University	Year of passing	Subjects	Grade/Percentage
1	Ph.D	Govt. Arts college (Autonomous) Kumbakonam/BARD	Feb.2019	Mathematics	commended
2	M.Phil	AVCC/BARD	2005	Mathematics	67%
3	M.Sc.,	TBMLC/BARD	2001	Mathematics	57%
4	B.Sc.,	POOMBUHAR COLLEGE /BARD	1996	Mathematics	46%
5	B.Ed.,	IGNOU	2012		A grade

5. **Total Teaching Experience** as on 06.04. 2019

Sl. No	Name of the Institution	From	To	YY//MM/DD
1	AVC College	24.06.05	Till date	13/09/01
2	Govt. Hr. Sec. School, Vaitheeswaran kovil	16-6-2000	31-3-2003	3 yrs
3	Sri Gurugana Sambandar, Hr.Sec.School, Dharmapuram	14- 07-2003	19 -04-2005	2 yrs

6. **Total Teaching Experience at AVC College (specify SF/Aided)** as on 06.04.2019

Sl. No	Institution	From	To	Subjects Taught	Remarks
1	Self financing	24.06.05	Till date	Mathematics	13 yrs 9 months

7. Orientations/ Refresher courses attended - Total

1

Sl. No	O/R	Title of the course	From	To	Name of the Institution and Place
1	R	Refresher course for mathematics teachers	17- 11- 2005	07-12-2005	Academic Staff college, Pondicherry.

8. Conferences attended

– Number

2

(i) Dr. D. Stephen Dinager and S. Mohan, attended and presented a paper “Linear programs with Homogeneous constraints in Fuzzy environment” , in the “**International conference** on Mathematical Methods and Computation” at Jamal Mohamed College ( Autonomous) Tiruchirappalli , 24- 07- 2009 to 25 – 07 – 2009.

(ii) Attended an **international conference** on “ International Conference on Recent Advancements in Pure and Applied Mathematics (ICRAPAM)” Organized by Department of Mathematics , Government Arts College(Autonomous) at Kumbakonam on 25.02.2019.

9. Seminars attended

- Number

7

- (i) Attended a seminar on “Stochastic Processes and their Applications” at A.V.C. College(Autonomous), 1999
- (ii) Attended a seminar on ” Mathematical Methods for Research” at A.V.C. College(Autonomous), 08-02-2008 and 09 -02 -2008.
- (iii) Attended a seminar on “ Mathematical modeling in Health care” at Govt. Arts college (Autonomous) Kumbakonam, 28-03-2008 and 29 – 03 -2008
- (iv) Attended a U.G.C. sponsored state level seminar on “ Mathematical modeling “ at A.V.C. College(Autonomous), 29 march 2012.
- (v) Attended the ”Thinnai vasippin vasal” at Department of Tamil, A.V.C. College(Autonomous), 19-02-2019.
- (vi) Attended the “Swift odyssey-2019”at Department of Computer Science, A.V.C. College(Autonomous).
- (vii) Attended the PEKAK PLUMBS at Department of English, A.V.C. College(Autonomous).

**10. Workshops attended**-Number 

3
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- (i) Attended work shop on “Research activities in Mathematics “at A.V.C. College(Autonomous), 7-02- 2007.
- (ii) Attended work shop on “ Fuzzy sets and Bio Mathematics” at A.V.C. College(Autonomous), 4- 08 -2006.
- (iii) Attended one day workshop on “Soft computing” at A. V. C College of Engineering, Mannampandal on 2<sup>nd</sup> may 2012 organized by Department of Science and Humanities.

**11. Training programmes attended**-Number 

2
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- (i) Attended training programme on “ office Automation Tools for Teaching Staff” at A.V.C. College(Autonomous), 1- 03 -2008 and 2-03 2008.
- (ii) Attended Training programme on “ Computer Applications in Research” at A.V.C. College(Autonomous), 14- 02 -2011 and 15-02 2011 organized by R & D cell, A.V.C. College(Autonomous) Mannampandal, Mayiladuthurai.

**12. Other Positions Held in AVC College:**

Sl. No	Positions held	From	To	Nature of work
1	PEKAK- coordinator	12/7/2014	Till date	A.V.C. College Campus cleaning, awareness programme, Medical camp, etc..
2	A member of Application processing committee for UG and PG admission	2014-2015	2015-2016	Scrutinize the applications

**13. Positions Held in Other Institutions: 12<sup>th</sup> std class teacher at Sri Gurugana Sambandar, Hr.Sec.School, Dharmapuram:**

Sl. No	Positions held	From	To	Nature of work
1	Class teacher to 12 <sup>th</sup> std	14- 07-2003	19 -04-2005	Total responses of the class

14. **Research Articles Published: Journals** Number 11

(i) **Mohan .S** and S. Sekar “ A new technique for solving a linear programming problem with homogeneous constraints in fuzzy environment” international journal of scientific and engineering research; Volume 5 ,issue 3;march 2014, PP. 306 - 309.

(ii) **Mohan.S** and S.Sekar” Linear programming problem with homogeneous constraints” Indian journal of applied research; Volume 4, Issue 3;March 2014,PP.69 – 78 .

(iii) **Mohan .S** and S. Sekar “ Fuzzy Linear programming problem with fuzzy homogeneous constraints” International Journal of Mathematical Archive; 5(10);March 2014,PP.111 – 116.

(iv) **Mohan .S** and S. Sekar “ Fuzzy Linear fractional programming problem with fuzzy homogeneous constraints in trapezoidal fuzzy numbers” International Journal of current research; Volume 7, issue 7;July 2015,PP.18451 – 18455.

(v) Sekar, S., Ramesh, G. and **Mohan, S.**, “A fuzzy linear fractional programming problem with fuzzy homogeneous constraints in triangular fuzzy numbers”, The Journal of Fuzzy Mathematics, International Institute of Fuzzy Mathematics, Los Angels, U.S.A. Vol.24. No.4, (2016), pp. 977-984.

(vi) Ramesh, G. and **Mohan, S.**, “Solving fuzzy linear programming problem with fuzzy homogeneous constraints in symmetric trapezoidal fuzzy numbers”, International Engineering and Technological Applied Research Journal (IETARJ), Vol.2, Issue 4, pp.1-6, April 2017.

(vii) G. Ramesh, **S. Mohan**, and M. Jagadeesan, “A comparative study on Existing methods of an assignment Problem”, International Journal of Science and Advance Research in Technology (IJSART),Vol. 4, Issue 3, March 2018,(**Impact Factor: 5.388**).

(viii) **Mohan.S** and Divya. S, “Vertex Coloring in Complement Fuzzy Graph,”International Journal for Research in Engineering Application and Management(IJREAM),Vol. 04, Issue 12, April 2019.**I.F. 5.83**, ISSN: 2454-9150.

(ix) **Mohan.S** , Divya. S and Anitha. B, “Arc Coloring in Complement Fuzzy Graph,” International Journal of Emerging Technologies and Innovative Research(JETIR), Vol. , Issue , April 2019.**I.F. 5.87**, ISSN:2349-5162.(Accepted).

(x) **Mohan.S** , Anitha. B and Divya. S “A comparative study on a minimum spanning tree based Heuristic for the travelling sales man tour,” International Journal of Emerging Technologies and Innovative Research(JETIR),,Vol. , Issue , April 2019.**I.F. 5.87**, ISSN:2349-5162.(Accepted).

(xi) **Mohan.S** , Divya. S and Anitha. B, “Edge Coloring in Complement Fuzzy Graph,” The Mayur research Journal of A.V.C.College (Autonomous),Vol. , Issue , April 2019.(Accepted).

**Proceedings Published in Seminars/Conferences etc.,** Number 1

Dr. D. Stephen Dinagar and S.Mohan. 2009. International conference on Mathematical Methods and Computation:452- 458: Jamal Mohamed college (Autonomous) Trichirappalli ( India ), Published in the Proceedings.

An article “ Anthakalam, Enthakalam and Anthakalam” is sending to the PEKAK Book of this year (2018-2019), our college Magazine.

**16. Memberships in Professional Bodies** (other than Board of Studies, Academic Council etc.,) :

An active member of reviewer in the esteemed “Journal of Emerging Technologies and Innovative Research”(ISSN : 2349-5162).

**17. Academic related activities**

- Act as a member of board of studies for mathematics subject at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai.
- Examiner to central valuation for U.G. Mathematics board, Bharathidasan University.
- Act as a judge for mathematical contest conducted by several institutions.
- I have conducted remedial class for slow learning students.
- I have given special class for bright students.
- Act as a member for NAAC, AQAR, NIRF, etc.,
- Meet many poor students with their parents and given counseling to those students.
- Maintain the students discipline within the department and our college campus.
- Guided more than 25 projects for P.G. Mathematics students.
- I have produced academic results 90% and above for every semester.

**19. Social Activities**

- Act as a member of N.S.S. in school level.
- I am doing social awareness programme by students through PEKAK –Extension Programme from 12- 07- 2014 to till date.
- In particularly, PEKAK –Extension Programme conducted Voting rights to each citizens of India is ensured in an awareness rally in the Malliam village on 23.3.19 .
- I have been acted as a presiding officer of Polling booth in the local body election 2011.

**20. Residential Address:** Manaveli st.,

Sithamalli & (P.O), Mayiladuthurai Taluk, 609 205.

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