

BIO DATA

1. Name and full correspondence address **ULLAS CHANDRAN S. V.**
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3. Institution **Mahatma Gandhi College**
Thiruvananthapuram - 695 004,
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4. Date of Birth **01-05-1984**
5. Gender (M/F/T) **Male**
6. Academic Qualification (Undergraduate Onwards)

Degree	year	University	Percent age of	Grade
B.Sc. (Mathematics)	2001–2004	Manonmaniam Sundaranar University, Tirunelveli	86	I Class
M.Sc. (Mathematics)	2004–2006	Manonmaniam Sundaranar University, Tirunelveli	80	I Class
M.Phil. (Mathematics)	2006–2007	Manonmaniam Sundaranar University, Tirunelveli	90	I Class
Ph.D. (Mathematics)	2007–2011	Manonmaniam Sundaranar University, Tirunelveli		
NET	2012	Join UGC-CSIR		

7. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.
Title : Geodetic and Detour Concepts in Graphs
University : Manonmaniam Sundaranar University
Year of award : 2011
Guide's Name : Dr. A. P. Santhakumaran, Professor (retired),
 St. Xavier's College (Autonomous),
 Tirunelveli.

8. Work experience (in chronological order).

TEACHING EXPERIENCE

S.No	Positions held	Name of the Institute	From	To	Pay Scale
1	Assistant Professor AGP 6000	Mahatma Gandhi College	27 th Feb. 2013	Till date	15600-39100 AGP 6000
2	Assistant Professor	Amrita University,	Sept. 2010	Feb. 2013	15600-39100 AGP 6000

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

1. Recipient of **DST – Senior Research fellowship** for one year.
2. Recipient of **Junior Research fellowship** sponsored by **the Department of Science and Technology, Govt. of India, New Delhi** for 2 years.
3. Research Achievement Award, Amrita University (2012).
4. Reviewer of the American Mathematical Society and various International Journals.
5. Approved research guide, University of Kerala
6. Member of P.G. Board of studies, Scott Christian (Autonomous) College, Nagercoil.
7. Quiz master for various P. G. level quiz competitions in Mathematics
8. Coordinator of ASAP.
9. Participated and won First prize in District level P.G. Quiz programme in Mathematics.
10. Participated and won Third prize in P. G. level Quiz programme in Mathematics.

12. Publications

Research Publications

Total : 17

National : Nil

International : 17

Paper Published in SCI Journals: 8

(List of papers published in SCI journals)

S. No	Author(s)	Title	Name of the Journal	Vol.	Pages	Year
1.	Bijo. S. Anand Manoj Changat & S. V. Ullas Chandran	The edge geodetic number of product graphs	Lecture Notes in Computer Science, (Springer)	10743	143-154	2018
2.	S. V. Ullas Chandran & A. P. Santhakumaran	On the monophonic sets of strong product graphs	Ars Combinatoria	132	219-229	2017
3.	A. P. Santhakumaran & S. V. Ullas Chandran	Monophonic number of Cartesian product graphs	Indiana University Mathematics Journal	61(2)	849 – 857	2012
4.	A. P. Santhakumaran & S. V. Ullas Chandran	The k - edge geodetic number of a graph	Utilitas Mathematica	88	119-137	2012
5.	A. P. Santhakumaran & S. V. Ullas Chandran	The vertex detour hull number of a graph doi: 10.7151/dmgt.1602	Discussiones Mathematicae Graph Theory	32(2)	321-330	2012
6.	A. P. Santhakumaran & S. V. Ullas Chandran	The hull number of strong product graphs	Discussiones Mathematicae Graph Theory	31(3)	493-507	2011
7.	A. P. Santhakumaran & S. V. Ullas Chandran	The geodetic number of strong product graphs	Discussiones Mathematicae Graph Theory	30(4)	687-700	2010
8.	A. P. Santhakumaran & S. V. Ullas Chandran	The edge geodetic number and Cartesian product of graphs	Discussiones Mathematicae Graph Theory	30(1)	55-73	2010

13. Any Other Information (maximum 500 words)

We show by counter example that one of the main characterization theorem in the paper "*Edge Geodetic Covers in Graphs*" by Mariano and Canoy (International Mathematical Forum, 4, 2009,(46), 2301 -2310) **DOES NOT** hold. Further, we prove the correct characterize theorem and these results were published in the following journal.

Comment on "Edge Geodetic Covers in Graphs", *Proyecciones Journal of Mathematics*, 34, No. 4, 343-350, December 2015.

14. Research publications in NON-SCI journals

1. S. V. Ullas Chandran and G. Jeya Parthasarathy, "The geodetic irredundant sets in Graphs, International Journal of Mathematics, *Inter. Journal of Math. Combin.* Vol. 4 (2016), 135 – 143.
2. A. P. Santhakumaran and S. V. Ullas Chandran, On the Detour and vertex detour hull numbers of a graph, *Journal of Indonesian Mathematical Society*, Vol. 20, No.1 (2014), pp 1-9.
3. A. P. Santhakumaran and S. V. Ullas Chandran, Comment on "Edge geodetic covers in graphs", *Proyecciones Journal of Mathematics*, Vol. 34, No. 4, pp. 343-350, December 2015.
4. A. P. Santhakumaran and S. V. Ullas Chandran, The m -detour hull number of a graph, *Journal of Combinatorial Mathematics and Combinatorial Computing*, 84(2013), 155 – 165.
5. A. P. Santhakumaran and S. V. Ullas Chandran, The detour hull number of a graph, *Algebra and Discrete Mathematics*, 14(2012), No. 2, 307 – 322. (Impact Factor 0.287)
6. A. P. Santhakumaran, T. Jebaraj and S. V. Ullas Chandran, The linear edge geodetic graphs, *Journal of Applied Mathematics & Informatics*, 30(2012), 5 – 6, 871 – 882.
7. A. P. Santhakumaran and S. V. Ullas Chandran, The 2-edge geodetic number and graph operations, *Arabian Journal of Mathematics (Springer)*, 1(2012), 241 – 249.
8. A. P. Santhakumaran and S. V. Ullas Chandran, The linear geodetic number of a graph, *Discrete Mathematics, Algorithms and Applications (World Scientific)*, 3, No. 3 (2011), 357–368. (Impact Factor 0.227)
9. A. P. Santhakumaran and S. V. Ullas Chandran, On the edge geodetic number and k -edge geodetic number of a graph, *Int. Journal of Math. Combin*, 3 (2008), 85-93.