

Name : A. David Christopher
Designation : Assistant Professor
Department : Mathematics
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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
M. Phil	Mathematics	Annamalai University, Chidambaram	2008
M. Sc	Mathematics	The American College, Madurai	2003
B. Sc	Mathematics	The American College, Madurai	2001

Specialisation in Teaching: Number Theory, Real and Complex Analysis

Specialisation in Research: Additive Number theory

Research Interests: Algebraic and Analytic Number theory, Graph enumerations

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Lecturer	PGP Polytechnic College, Namakkal	2006-2007
Assistant Professor	The American College, Madurai	2007-present

Administrative /Academic Position/s (held / currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
Autonomy coordinator (UG- SF Mathematics)	2010-2013
Autonomy coordinator (UG- Aided Mathematics)	2013-2016

Autonomy coordinator (PG Mathematics)	2016 onwards
UG Mathematics Association (SF) President	2012
UG Mathematics Association(Aided) President	2014

Membership in Professional Bodies:

1. Reviewer in Mathematical Reviews, a division of the American Mathematical Society.

Publications:

Articles Published in International Journals:

1. “On the equation $x^n + y^n = z^n$ ”, General Mathematics, Vol. 19, No. 3 (2011), 53–56.
2. “Relatively prime uniform partitions”, General Mathematics Notes, Vol 13, No. 2, 2012, pp. 1-12, ISSN 2219-718.
3. “Ramanujan type congruences for restricted partition functions that are quasi polynomial”, New frontiers in education, Vol 46, No.4 ,2013,pp. 100-108, ISSN 0972-1231.
4. “Estimate of five restricted partition functions that are quasi polynomial”, Bulletin of Mathematical Sciences, published online, doi:10.1007/s13373-014-0053-7.
5. “Estimate of two partition theoretic function”, General Mathematics Notes, Vol. 25(2014), ISSN 2219-7184.
6. “On Asymptotic formula of the partition function $p_A(n)$ ”, INTEGERS, Vol. 15 (2015), #A2.
7. “On number of restricted partitions with a congruence condition”, Mathematical Sciences International Research Journal, Vol 3(2), 2014
8. “Remainder sum and Quotient sum function”, Discrete Mathematics Algorithm and Applications, Vol. 7, No. 1 (2015) 1550001, published online with DOI: 10.1142/S1793830915500019.
9. “Partitions with fixed number of sizes”, Journal of Integer Sequences, Vol. 18(2015), Article 15.11.5
10. “A partition-theoretic proof of Fermat’s Two Squares Theorem”, Discrete Mathematics, 339 (2016) 1410–1411.

Conference / Seminar Presentations:

1. Attended *International conference on mathematical methods and computation* conducted by Jamal Mohamed College, Tiruchirapalli, India
2. Presented a paper entitled *Generalization of a probabilistic number theory result* in a national level seminar on Recent technical sources of applied mathematics at Vivekanandha College of arts and sciences for women, Tamilnadu.

3. Presented a paper entitled *Quasi polynomials in the study of a partition function* in a national level seminar on Recent trends in applied and pure mathematics at Popes college, Sawerpuram, Tamilnadu.
4. Presented a paper entitled *On number of restricted partition function with a congruence condition* in International conference on Mathematical Sciences-2014 conducted by Madurai Kamaraj University.

Lectures / Talks given:

1. Title : “Learning methods in Mathematics”
Event: Inaugural function of the mathematics Department Association at Thiagarajar college.

Other Activities / Academic Credentials:

1. Qualified in National Eligibility Test (NET) June- 2012 conducted by Council of Scientific and Industrial Research, New Delhi.
2. Had valid GATE (Graduate Aptitude Test for Engineers)-2008 score card with 90.37 percentile.
3. **Referee in the Journal of Algebraic Systems.**
4. Solutions and problem proposal published in “Mathematical Spectrum”
5. A solution to a problem was accepted in “Fibonacci Quarterly” journal.
6. A comment proposed was published in “Online encyclopedia of Integer sequences”.