B I O - D A T A

1.	Full Name	:	Tarlok Nath Shorey
2.	Address	:	Department of Mathematics Indian Institute of Technology Bombay Powai, Mumbai 400 076 Tel.25768477 email: shorey@math.iitb.ac.in
3.	Date of Birth	:	30 October 1945
4.	Date of joining TIFR	:	17 August 1968 - 31 October 2010
5.	Date of joining IITB	:	3 January 2011 -
6.	Educational qualifications	:	B.A.(Hons.in Maths) First class Panjab University, 1965
		:	M.A.(Maths.) First class Panjab University, 1967
		:	Ph.D. University of Mumbai 1975
7.	Position at TIFR	:	Senior Professor
8.	Position at IITB	:	Distinguished visiting Professor
9.	Fellow	:	Indian National Science Academy 1986 Indian Academy of Sciences 1987 The National Academy of Sciences 1988
10.	Awards	:	Shanti Swarup Bhatnagar Prize for Mathematical Sciences, 1987

11. Visits abroad : Visited the following places abroad and gave lectures:

University of Leiden, April-December 1975
The Institute for Advanced Study, January-March 1976
University of Paris VI, April-May 1976
University of Leiden, April 1982 - March 1983
University of Waterloo, February-March 1984
The Institute for Advanced Study, October 1986-April 1987
University of Leiden, May-August 1987
IHES, October-December 1992
University of Strasbourg, February-March 1993
Univesity of Lille, April 1993
MSRI, May-June 1993
University of Paris VI, November 1994
University of Colorado, Boulder, April 1996
ETH & University of Strasbourg, September-November 1999
Nihon University, Tokyo, October-November 2001
University of Chicago, USA & University of Debrecen, Hungary, May-June 2003
Brigham Young University, Provo, USA, September 2003-August 2004
University of Leiden, September-October 2004
University of Warwick, March 2007
University of Bordeaux, June 2007
University of Leiden, January-March 2008
ETH, April 2008, 2009
Max-Planck Institute of Mathematics, Bonn,Feb-April 2009, May-July 2014
University of Bordeaux I, October 2013

12. Visits in India : Visited the following places in India and gave lectures:

Panjab University, Chandigarh 1977-79
Aligarh Muslim University, Aligarh 1978
The Institute of Mathematical Sciences, Chennai 1992
Harish-Chandra Research Institute, Allahabad 2006
University of Pune, Pune 1994,95
Indian Institute of Technology, Mumbai 1998
Chennai Mathematical Institute, Chennai 2006
Indian Statistical Institute, Calcutta 2006
Indian Statistical Institute, Bangalore 2006
Indian Institute of Sciences, Bangalore 2006
University of Chitterkoot,Chitterkoot 2006
Centre for Applied Mathematics, Bangalorem2010,2012
Indian Statistical Institute, Delhi 2011
TIFR Mumbai 2012,2014,2015

13. Conferences : Attended and gave an invited talk in each of the following conferences on Number theory at:

Mathematical Institute, Oberwolfach 1974, 76, 82, 90
University of Durham 1986
TIFR, Mumbai 1987, 2005, 2015
University of Leiden 1990, 2003
ETH, Zurich 1999, 2009
Nihon University, Tokyo 1996
The Institute of Mathemaical Sciences, Chennai, 2006
ETH, Zurich 1999, 2009
Max-Planck Institute of Mathematics, Bonn 2009, 2014

14. Courses and seminars : A series of about six lectures each on Riemann Zeta function in 1970, p-adic transcendental numbers in 1973 and linear forms in logarithms in 1974 at TIFR, Mumbai.

A seminar at Mathematical Institute, Amsterdam on Applications of linear forms in logarithms to Diophantine equations, jointly with R. Tijdeman in 1975.

MSc courses in Algebra, Complex Analysis and M.Phil courses on Multiplicative Number theory including zero-density estimates of Riemann Zeta function by H.L.Montgomery and on Transcendence with applications to diophantine equations at Panjab University, Chandigarh during 1977-79(4 semesters)

Courses on Complex Analysis in 1979, Number theory in 1980, Diophantine equations in 1983, and Diphantine approximations in 1987 at TIFR, Mumbai

Courses on Complex Analysis, Differential equations, Linear Algebra and Algebraic Number Theory at Brigham Young University, Utah in 2003-04(two semesters)

A course on Diophantine equations at Indian Statistical Institutes at Calcutta, Harish-Chandra Research Institute, Allahabad in 2006 and at University of Warwick, U.K. in 2007.

A series of about eight lectures on elementary number theory with applications to irreducibility of certain polynomials at Indian Statistical Bangalore in 2006

A course of ten lectures in Analytic Number Theory in April 2010, Transcendental Number Theory in December 2011 at TIFR CAM, Bangalore

A series of six lectures in AIS in Analytic Number Theory in KIIT Bhubneshwar in June 2013

15.	Courses at Department of Mathematics, IITB	:	Analytic Number Theory (Spring 2011, 2012) Basic Number Theory (Autumn 2011) Theory of Analytic functions (Autumn 2012, 2014) Transcendental Number Theory(Autumn 2013) Topics in Number Theory Algebra(Spring 2015)
16.	Research students	:	Shanta Laishram, Anirban Mukhopadhyay, N. Saradha and Saranya G. Nair.
17.	Book	:	(with R. Tijdeman) Exponential Diophantine equations, Cambridge Tracts in Mathematics 87 (1986), Cambridge University Press.
18.	Publications	:	List attached

List of publications of T.N.Shorey

[1] *On a theorem of Ramachandra*, Acta Arith. 20 (1972), 215-221.

[2] *Algebraic independence of certain numbers in the $P-$adic domain*, Indag. Math. 34 (1972), 423-435.

[3] *$P-$adic analogue of a theorem of Tijdeman and its applications*, Indag. Math. 34 (1972), 436-442.

[4] (with K. Ramachandra) *On gaps between numbers with a large prime factor*, Acta Arith. 24 (1973), 99-111.

[5] *On gaps between numbers with a large prime factor II*, Acta Arith. 25 (1974), 365-373.

[6] *Linear forms in the logarithms of algebraic numbers with small coefficients I*, Jour. Indian Math. Soc. 38 (1974), 271-284.

[7] *Linear forms in the logarithms of algebraic numbers with small coefficients II*, Jour. Indian Math. Soc. 38 (1974), 285-292.

[8] *On the sum* $\sum_{k=1}^{3} \mid 2^{\pi^k} - \alpha_k \mid, \alpha_k$ *algebraic numbers*, Jour. Number Theory 6 (1974), 248-260.

[9] (with K.Ramachandra and R. Tijdeman) *On Grimm's problem relating to factorisation of a block of consecutive integers*, Jour. Reine Angew. Math. 273 (1975), 109-124.

[10] *Some applications of linear forms in logarithms*, Seminar Delange - Pisot Poitou 1975/76, Paris, Exp.3.

[11] *Some applications of linear forms in logarithms*, Seminar Delange-Pisot-Poitou 1975/76, Paris, Exp. 28.

[12] *On linear forms in the logarithms of algebraic numbers*, Acta Arith. 30 (1976), 27-42.

[13] (with P. Erdős) *On the greatest prime factor of $2^p - 1$ and other expressions*, Acta Arith. 30 (1976), 257-265.

[14] (with R. Tijdeman) *On the greatest prime factors of polynomials at integer points*, Compositio Math. 33 (1976), 187-195.

[15] (with R. Tijdeman) *New applications of Diophantine approximations to Diophantine equations*, Math. Scand. 39 (1976), 5-18.

[16] (with K. Ramachandra and R. Tijdeman) *On Grimm's problem relating to factorisation of a block of consecutive integers II*, Jour. Reine Angew. Math. 288 (1976), 192-201.

[17] (with A.J. van der Poorten, R. Tijdeman and A. Schinzel) *Applications of the Gel'fond-Baker method to Diophantine equations*, Transcendence Theory: Advances and Applications, ed. A. Baker and D.W. Masser, Academic Press, London (1977), 59-77.

[18] *On the greatest prime factor of* $ax^m + by^n$, Acta Arith. 36 (1980), 21-25.

[19] (with R. Balasubramanian) *On the equation* $a(x^m-1)/(x-1) = b(y^n-1)/(y-1)$, Math. Scand. 46 (1980), 177-182.

[20] (with C.L. Stewart) *On divisors of Fermat, Fibonacci, Lucas and Lehmer numbers II*, Jour. London Math. Soc. (2) 23 (1981), 17-23.

[21] *The equation* $ax^m + by^m = cx^n + dy^n$, Acta Arith. 41 (1982), 255-260.

[22] (with J.C. Parnami) *Subsequences of binary recursive sequences*, Acta Arith. 40 (1982), 193-196.

[23] *On the greatest square free factor of members of a binary recursive sequence*, Hardy-Ramanujan Jour. 6 (1983), 23-36.

[24] *Divisors of convergents of a continued fraction*, Jour. Number Theory 17 (1983), 127-133.

[25] (with C.L. Stewart) *On the equation* $ax^{2t} + bx^t y + cy^2 = d$ *and pure powers in recurrence sequences*, Math. Scand. 52 (1983), 24-36.

[26] *Applications of linear forms in logarithms to binary recursive sequences*, Seminar on Number Theory, Paris 1981/82, Progr. Math. 38, Birkhãuser, Boston (1983), 287-301.

[27] *Linear forms in members of a binary recursive sequence*, Acta Arith. 43 (1984), 317-331.

[28] *On the equation* $a(x^m - 1)/(x - 1) = b(y^n - 1)/(y - 1)$ *(II)*, Hardy Ramanujan Jour. 7 (1984), 1-10.

[29] *On the ratio of values of a polynomial*, Proc. Indian Acad. Sci. (Math.Sci.) 93 (1984), 109-116.

[30] (with M. Mignotte and R. Tijdeman) *The distance between terms of an algebraic recurrence sequence*, Jour. Reine Angew. Math. 349 (1984), 63-76.

[31] *Perfect powers in values of certain polynomials at integer points*, Math. Proc. Camb. Phil. Soc. 99 (1986), 195-207.

[32] *On the equation* $z^q = (x^n - 1)/(x - 1)$, Indag. Math. 48 (1986), 345-351.

[33] *On the equation* $ax^m - by^n = k$, Indag. Math. 48 (1986), 353-358.

[34] *Integer solutions of some equations*, Current Science 55, No. 17 (1986), 815-817.

[35] *Perfect powers in products of integers from a block of consecutive integers*, Acta Arith. 49 (1987), 71-79.

[36] *Ramanujan and binary recursive sequences*, Jour. Indian Math. Soc. 52 (1987), 147-157.

[37] (with S. Srinivasan) *Metrical results on square free divisors of convergents of continued fractions*, Bull. London Math. Soc. 19 (1987), 135-138.

[38] (with C.L. Stewart) *Pure powers in recurrence sequences and some related Diophantine equations*, Jour. Number Theory 27 (1987), 324-352.

[39] (with Ram Murty and Kumar Murty) *Odd values of Ramanujan $\tau-$function*, Bull. Soc. Math. France 115 (1987), 391-395.

[40] (with J.-H. Evertse, K. Győry and R. Tijdeman) *Equal values of binary forms at integral points*, Acta Arith. 48 (1987), 379-396.

[41] (with K. Győry) *On the denominators of equivalent algebraic numbers*, Indag. Math. 50 (1988), 29-41.

[42] (with R. Tijdeman) *Perfect powers in arithmetical progression*, Jour. Madras University (Section B) 51 (1988), 173-180.

[43] *Some exponential Diophantine equations*, New Advances in Transcendence Theory, ed. A. Baker, Cambridge University Press (1988), 352-365.

[44] *Some exponential Diophantine equations II*, Number Theory and Related Topics ed. S. Raghavan, Tata Institute of Fundamental Research, Bombay (1988), 217-229.

[45] *Integers with identical digits*, Acta Arith. 53 (1989), 81-99.

[46] (with R. Tijdeman) *On the number of prime factors of an arithmetical progression*, Jour. Sichuan Univ. 26 (1989), 72-74.

[47] (with R. Balasubramanian and M. Waldschmidt) *On the maximal length of two sequences of consecutive integers with the same prime divisors*, Acta Mathematica Hungarica 54 (1989), 225-236.

[48] (with R. Tijdeman) *Perfect powers in products of terms in an arithmetical progression*, Compositio Math. (1990), 307-344.

[49] (with N. Saradha) *On the ratio of two blocks of consecutive integers*, Proc. Indian Acad. Sci. (Math. Sci.) 100 (1990), 107-132.

[50] (with R. Tijdeman) *On the greatest prime factor of an arithmetical progression (II)*, Acta Arith. 53 (1990), 499-504.

[51] (with K. Győry and M. Mignotte) *On some arithmetical properties of weighted sums of $S-$units*, Mathematica Pannonica 1/2 (1990), 25-43.

[52] (with R. Tijdeman) *On the greatest prime factor of an arithmetical progression*, A Tribute to Paul Erdős, ed. A. Baker, B. Bollobas and A. Hajnal, Cambridge University Press (1990), 385-389.

[53] (with N. Saradha) *The equations* $(x+1)\cdots(x+k) = (y+1)\cdots(y+mk)$ *with* $m = 3, 4$, Indag. Math., N.S. 2 (1991), 489-510.

[54] (with N. Saradha) *On the equation* $(x+1)\cdots(x+k) = (y+1)\cdots(y+mk)$, Indag. Math., N.S. 3 (1992), 79-90.

[55] (with N. Saradha) *On the equation* $x(x+d)\cdots(x+(k-1)d) = y(y+d)\cdots(y+(mk-1)d)$, Indag. Math., N.S. 3 (1992), 237-242.

[56] (with R. Tijdeman) *Perfect powers in arithmetical progression (II)*, Compositio Math. 82 (1992), 107-117.

[57] (with R. Tijdeman) *Perfect powers in products of terms in an arithmetical progression (II)*, Compositio Math. 82 (1992), 119-136.

[58] (with R. Tijdeman) *Perfect powers in products of terms in an arithmetical progression (III)*, Acta Arith. 61 (1992), 391-398.

[59] (with R. Tijdeman) *On the number of prime factors of a finite arithmetical progression*, Acta Arith. 61 (1992), 375-390.

[60] (with R. Tijdeman) *On the greatest prime factor of an arithmetical progression (III),* Diophantine Approximation and Transcendental Numbers, Luminy 1990, ed. Ph. Philippon, Walter de Gruyter, New York (1992), 275-280.

[61] *On the equation* $x^\ell + y^\ell = 2z^\ell$ *and related problems*, Seminar on Number Theory, Caen 1992/93, University of Caen, Exp. VI.

[62] (with R. Balasubramanian) *On the equation* $f(x+1)\cdots f(x+k) = f(y+1)\cdots f(y+mk)$*,* Indag. Math., N.S. 4 (1993), 257-267.

[63] (with R. Balasubramanian) *Squares in products from a block of consecutive integers*, Acta Arith. 65 (1994), 213-220.

[64] (with N. Saradha) *On the equation* $x(x+d_1)\cdots(x+(k-1)d_1) = y(y+d_2)\cdots(y+(mk-1)d_2)$, Proc. Indian Acad. Sci. (Math.Sci.) 104 (1994), 1-12.

[65] (with N. Saradha and R.Tijdeman) *On arithmetic progressions with equal products*, Acta Arith. 68 (1994), 89-100.

[66] *Applications of Baker's theory of linear forms in logarithms to exponential diophantine equations*, Analytic Number Theory, RIMS Kokyuroku 886 (1994), 48-60, Kyoto University.

[67] (with N. Saradha and R. Tijdeman) *On arithmetic progressions of equal lengths with equal products,* Math. Proc. Camb. Phil. Soc. 117 (1995), 193-201.

[68] (with N. Saradha and R. Tijdeman) *On the equation* $x(x+1)\cdots(x+k-1) = y(y+d)\cdots(y+(mk-1)d)$, $m = 1, 2$, Acta Arith. 71 (1995), 181-196.

[69] *On a conjecture that a product of k consecutive positive integers is never equal to a product of mk consecutive positive integers except for 8.9.10 =6! and related problems*, Number Theory, Paris 1992-3, ed. S. David, London Math. Soc. Lecture Note Series 215 (1995), 231-244.

[70] (with N. Saradha and R. Tijdeman) *On values of a polynomial at arithmetic progressions with equal products*, Acta Arith. 72 (1995), 67-76.

[71] *Perfect powers in products of arithmetical progressions with fixed initial term*, Indag. Math., N.S. 7 (1996), 521-525.

[72] (with Yu.V. Nesterenko) *Perfect powers in products of integers from a block of consecutive integers (II)*, Acta Arith. 76 (1996), 191-198.

[73] (with M. Mignotte) *The equations* $(x+1)\cdots(x+k) = (y+1)\cdots(y+mk), m = 5, 6,$ Indag. Math., N.S. 7 (1996), 215-225.

[74] (with R. Balasubramanian, M. Langevin, and M. Waldschmidt) *On the maximal length of two sequences of integers in arithmetic progressions with the same prime divisors,* Monatshefte für Mathematik 121 (1996), 295-307.

[75] *Some applications of diophantine approximations to diophantine equations*, Number Theory, Paris 1993-4, ed. S. David, London Math. Soc. Lecture Note Series 235 (1996), 189-198.

[76] (with R. Tijdeman) *Some methods of Erdős applied to finite arithmetic progressions,* The Mathematics of Paul Erdős, ed. by Ronald L. Graham and Jaroslav Nešetřil, Springer (1997), 251-267.

[77] (with R. Balasubramanian) *Perfect powers in products of terms in an arithmetical progression (IV)*, Number Theory, Contemporary Mathematics 210 (1997), 257-263, American Mathematical Society.

[78] (with Noriko Hirata-Kohno) *On the equation* $(x^m - 1)/(x - 1) = y^q$ *with x power*, Analytic Number Theory ed. Y. Motohashi, London Mathematical Society Lecture Note Series 247 (1997), 119-125.

[79] (with R. Tijdeman) *Irrationality criteria for numbers of Mahler's type*, Analytic Number Theory ed. by Y. Motohashi, London Mathematical Society Lecture Note Series 247 (1997), 341-351.

[80] (with Yu.V. Nesterenko) *On an equation of Goormaghtigh*, Acta Arith. 83 (1998), 381-389.

[81] *Integer solutions of exponential diophantine equations*, Bulletin of Bombay Mathematical Colloquium 13 (1998), 1-21.

[82] (with N. Saradha) *The equation* $\frac{x^n-1}{x-1} = y^q$ *with* x *square*, Math. Proc. Camb. Phil. Soc. 125 (1999), 1-19.

[83] (with Y. Bugeaud, M. Mignotte and Y. Roy) *The equation* $\frac{x^n-1}{x-1} = y^q$ *has no solution with* x *square*, Math. Proc. Camb. Phil. Soc. 127 (1999), 353-372.

[84] *The equation* $a\frac{x^n-1}{x-1} = by^q$ *with* $ab > 1$, Number Theory in Progress, Volume 1 (1999), Walter de Gruyter, Berlin, 473-485.

[85] (with F. Beukers and R. Tijdeman) *Irreducibility of polynomials and arithmetic progressions with equal products of terms*, Number Theory in Progress, Volume 1 (1999), Walter de Gruyter, Berlin, 11-26.

[86] *Exponential diophantine equations involving products of consecutive integers and related equations*, Number Theory ed. R.P. Bambah, V.C. Dumir and R.J. Hans-Gill, Hindustan Book Agency (1999), 463-495.

[87] *Some conjectures in the theory of exponential diophantine equations*, Math. Debrecen 56 (2000), 631-641.

[88] (with Y. Bugeaud), *On the number of solutions of the generalised Ramanujan-Nagell equation*, Jour. Reine Angew. Math. 539 (2001), 55-74.

[89] (with N. Saradha) *Almost perfect powers in arithmetic progression*, Acta Arith. 99 (2001), 363-388.

[90] (with G. Hanrot and N. Saradha) *Almost perfect powers in consecutive integers*, Acta Arith. 99 (2001), 13-25.

[91] (with S. D. Adhikari, N. Saradha and R. Tijdeman) *Transcendental Infinite Sums*, Indag. Math. N.S. 12 (2001), 1-14.

[92] *Mathematical Contributions*, Bombay Mathematical Colloquium 15 (1999) published in 2001, 1-14.

[93] (with Y. Bugeaud) *On an equation of Goormaghtigh II*, Pacific Jour. Math. 207 (2002), 61-76.

[94] (with N. Saradha and R. Tijdeman) *Some extensions and refinements of a theorem of Sylvester*, Acta Arith. 102 (2002), 167-181.

[95] *Powers in arithmetic progression*, A Panorama in Number Theory or The View from Baker's Garden, ed. G. Wüstholz, Cambridge University Press (2002), 341-353.

[96] *Powers in arithmetic progression (II)*, Analytic Number Theory, RIMS Kokyuroku (2002), Kyoto University.

[97] *An equation of Goormaghtigh and diophantine approximations*, Current Trends in Number Theory, ed. S.D.Adhikari, S.A.Katre and B.Ramakrishnan, Hindustan Book Agency, New Delhi (2002), 185-197.

[98] (with N. Saradha) *Almost squares in arithmetic progression*, Compositio Math., 138 (2003), 73-111.

[99] (with N. Saradha) *Almost squares and factorisations in consecutive integers*, Compositio Math. 138 (2003), 113-124.

[100] (with Anirban Mukhopadhyay) *Almost squares in arithmetic progression (II)*, Acta Arith. (2003), 1-14.

[101] *The generalised Ramanujan-Nagell equation*, Applicable Mathematics in the Golden Age, ed. J.C. Mishra, Narosa (2003), 490-495.

[102] *Approximations of algebraic numbers by rationals: A theorem of Thue*, Elliptic Curves, Modular Forms and Cryptography, ed. A.K Bhandari, D.S. Nagraj, B. Ramakrishnan, T.N. Venkataramana, Hindustan Book Agency (2003), 119-137

[103] (with Anirban Mukhopadhyay) *Square free part of products of consecutive integers*, Publ. Math. Debrecen, 64 (2004), 79-99.

[104] (Anirban Mukhopadhyay) *Almost squares in arithmetic progression (III)*, Indag. Math. 15 (2004), 523-533.

[105] (with Shanta Laishram) *Number of prime divisors in a product of consecutive integers*, Acta Arith. 113 (2004), 327-341.

[106] (with Shanta Laishram) *Number of prime divisors in a product of terms of an arithmetic progression*, Indag. Math. 15 (2004), 505-521.

[107] (with N. Saradha) *Contributions towards a conjecture of Erdős on perfect powers in arithmetic progressions*, Compositio Math. 141 (2005), 541-560.

[108] (with F. Luca) *Diophantine equations with products of consecutive terms in Lucas sequences*, Journal of Number Theory, 114 (2005), 289-311.

[109] *Powers in arithmetic progression (III)* The Riemann zeta function and related themes, Ramanujan Math. Soc. Publications (2006), 131-140.

[110] (with Shanta Laishram) *The greatest prime divisor of a product of consecutive integers*, Acta Arith. 120 (2005), 299-306.

[111] (with Shanta Laishram) *The greatest prime divisor of a product of terms in an arithmetic progression*, Indag. Math. 17 (2006), 425-436.

[112] (with Shanta Laishram) *Grimm's problem on consecutive integers*, International Jour. of Number Theory 2 (2006), 1-5.

[113] *Diophantine approximatins, Diophantine Equations, Transcendence and Applications*, Indian Jour. of Pure and Applied Math. 37 (2006), 9-39.

[114] (with N. Saradha) *On the equation* $n(n+d)...(n+(i-1)d)(n+(i+1)d)...(n+(k-1)d) = y^l$ *with* $0 < i < k-1$, Acta Arith. 129 (2007), 1-21.

[115] (with Noriko Hirata-Kohno, Shanta Laishram and R. Tijdeman) *An extension of a theorem of Euler*, Acta Arith. 129 (2007), 1-21.

[116] (with Shanta Laishram) *The equation* $n(n+d)\cdots(n+(k-1)d) = by^2$ *with* $\omega(d) \leq 6$ *or* $d \leq 10^{10}$, Acta Arith. 129 (2007), 249-305.

[117] (with R. Tijdeman) *Prime factors of arithmetic progressions and binomial coefficients*, Diophantine Geometry, edited by Umberto Zannier, Edizioni Della Normale, Pisa (2007), 283-296.

[118] *Theorems of Sylvester and Schur*, The Mathematics Student, Special Centenary Volume (2007), 147-158.

[119] (with Florian Luca) *Diophantine equations with products of consecutive terms in Lucas sequences II*, Acta Arith. 133 (2008), 53-71.

[120] *Some topics in Prime number theory*, Newsletter, Ramanujan Mathematical Society 18 (2008), 62-67.

[121] (with Shanta Laishram) *Squares in products in arithmetic progression with at most two terms omitted and common difference a prime power*, Acta Arith., 134(2008), 299-316.

[122] (with Shanta Laishram, Szabolcs Tengely) *Squares in products in arithmetic progression with at most one term omitted and common difference a prime power*, Acta Arith. 135 (2008), 143-158.

[123] (with Florian Luca) *Products of members of Lucas sequences with indices in an interval being a power*, Jour. of Number Theory 129 (2009), 303-315.

[124] (with N. Saradha) *Almost perfect powers in consecutive integers (II)*, Indag. Math. 19 (2009), 649-658.

[125] (with R. Balasubramanian, Shanta Laishram and R. Thangadurai) *The number of prime divisors of a product of consecutive integers*, Journal of Combinatorics and Number Theory 1 (2009), 65-73.

[126] (with Clemens Fuchs) *Divisibility properties of generalised Laguerre polynomials*, Indag. Math.,(N.S.) 20 (2) (2009), 217-231.

[127] (with Shanta Laishram) *Irreducibility of generalised Hermite-Laguerre polynomials (II),*Indag. Math., 20 (4) (2009), 427-434.

[128] (with Florian Luca) *Product of Fibonnaci numbers with indices in an interval and at most two omitted being a power*, Indag. Math. (N.S.) 20 (2009), no. 4, 551556.

[129] (with R. Tijdeman) *Generalisations of some irreducibility results of Schur*, Acta Arith. 145 (2010), 341-371.

[130] (with Shanta Laishram) *Extensions of Schur's irreducibility results*, Indag. Math., 21 (2011), 87-105.

[131] (with Shanta Laishram) *Irreducibility of generalised Hermite-Laguerre polynomials*, Functiones et Approximatio, 47 (2012), 51-64.

[132] (with Shanta Laishram) *Baker's Explicit abc-Conjecture and applications*, Acta Arithmetica, 155 (2012), 419-429.

[133] (with Clemens Fuchs)*Divisibility properties of hypergeometric polynomials*, J. Comb. Number Theory 4 (2012), 1-10.

[134] (with N. Saradha and F. Luca) *Squares and factorials in products of factorials*, Monatsh. Math. 175 (2014), 385400.

[135] (with A. Dujella, F. Najman, N. Saradha) *Products of three factorials*, Publ. Math. Debrecen 85 (2014), 123130.

[136] (with N. Saradha) *Squares in products of integers in arithmetic progressions and Galois group of Laguerre polynomials*, Int. J. Number Theory,(2015) 233-250.

[137] (with Saranya G. Nair) *Irreducibility of generalised Laguerre polynomial* $L_n^{(-1-n-r)}(x)$, Indag. Math. to appear

[138] (with Shanta Laishram) *abc-Conjecture and Erdos conjecture*, submitted.

[139] (with Shanta Laishram) *Irreducibility of Generalised Hermite-Laguerre Polynomials III*, submitted.

[140] (with Shanta Laishram, Saranya G. Nair) *Irreducibility of Generalised Laguerre Polynomials* $L_n^{\frac{1}{2}+u}(x)$ *with integer* u, submitted.

[141] (with Saranya G. Nair) *Sharpening of a lower bound for the greatest prime factor of consecutive integers with application to equation* $n! = a_1!a_2!\cdots a_t!$, submitted.

[142] (with R. Tijdeman) *Arithmetic properties of blocks of consecutive integers*, submitted.