

RESUME

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Personal and Academic Information:

Educational Qualification:

Degree/ Certificate	Year of passing	University/Board	Name of College	Percentage	Grade/Class
SET	May 2018	Savitribai Phule Pune University, Pune	----	----	----
Ph.D.	June 2017	S.R.T.M.University, Nanded.	School of Mathematical Sciences, S.R.T.M.University.	----	----
PET	2011	S.R.T.M.University, Nanded.	School of Mathematical Sciences, S.R.T.M.University.	54	----
M.Sc. (Mathematics).	June 2011	S.R.T.M.University, Nanded.	School of Mathematical Sciences, S.R.T.M.University.	CGPA 8.98 out of 10	'A' Grade. Rank –I
B.Sc. (Phy,Chem, Maths).	June 2008	S.R.T.M.University, Nanded.	Dayanand Science. College, Latur.	75.78	First class with distinction
H.S.C	June 2005	Latur Board	Dayanand Science. College, Latur	70.17	First Class
MS-CIT	Oct 2006	MSBTE	----	70	----

Qualification:

M.Sc. (Mathematics) University Rank-I
Ph.D, SET.

Specialization:

Elementary Number Theory, Linear Algebra,
Coding Theory

Research Publications:

Papers in Journals: 09
Conference Proceedings: 04

Paper Presentations:

04

Publications:

- Primitive Pythagorean Triples*, SRTMUN's Research Journal of Science, Vol. 3(2), 2014, ISSN (P): 2277-8594, pp.21-27.
- Some Results in Group Elements*, Asian Resonance, ISSN (E): 2349-9435, Vol. 3(4), October 2104, pp. 93-96.

3. *On Triplet of Positive Integers such that the Sum of any Two of them is a Perfect Square*, International Journal of Mathematics and Statistics Invention (IJMSI), ISSN (E): 2321-4767, Vol. 4(5), June 2016, pp. 49-53.
4. *On Triplet of Positive Integers such that the Sum of any Two of them is Some fixed power of Integer*, Asian Journal of Mathematics and Computer Research, ISSN (P): 2395-4205, Vol. 13(4), September 2016, pp. 215-227.
5. *On Four Tuples in N^4 with Sum of Some Coordinates is a Cubic Number*, Proceedings of National Conference on Recent Advances of Mathematics held at Yogeshwari Mahavidyalaya, Ambajogai(MH) during Feb 10-11, 2017, ISBN no. 978-81-930245-4-5 pg. 1-14.
6. *On Four Tuple of Distinct Integers such that The Sum of Any Two of them is Cube of a Positive Integer*, South East Asian Journal of Mathematics and Mathematical Sciences, 16(2), 2020.
7. *Properties of Extended Binary Hamming [8,4,4] Code using MATLAB*, Techno-Societal 2020, Springer.
8. *On Some Properties of Extended Binary Golay [24,12,8] Code using MATLAB*, Techno-Societal 2020, Springer.
9. *Encoding using the Binary Schubert Code [43,7] using MATLAB*, Techno-Societal 2020, Springer.
10. *A Survey on LCD Codes*, Journal of Emerging Technologies and Innovative Research, 8(8), pp. 706-709, August 2021.
11. *On Four Tuples in N^4 with Sum of Some Coordinates is a Fourth Power of an Integer*, Advances and Applications in Mathematical Sciences, 21(6), April 2022, 3515-3522.
12. *Some Results on Fixed Point Theorems in Complete and Dislocated Quasi-Metric Space*, Advances and Applications in Mathematical Sciences, 21(7), May 2022, 4111-4119.
13. *Some Results on Unique Fixed Point Theorems in Complete Metric Space*, International Journal of Mathematics Trends and Technology, 68(6), June 2022, 111-116 .
14. *Some Fixed Point Theorems on Complete Metric Space with Upper Semi Continuous Mapping*, Communicated.
15. *On Unique Fixed Point Theorems in Complete Dislocated Quasi Metric Space*, Communicated.

Title of Ph.D. Thesis:	‘Some Results in Number Theory ’
Research Supervisor:	Dr. J. N. Salunke
Research Co-supervisor:	Dr. A. R. Patil
Resource Person:	<ol style="list-style-type: none"> 1. <i>One Day Regional Workshop on Madhava Mathematics Competition</i>, jointly organized by Mahatma Basweshwar Mahavidyalaya, Latur and Madhava Mathematics Competition (Nanded Region) on dated 02 Jan. 2018. 2. <i>One Day Regional Workshop on Madhava Mathematics Competition</i>, jointly organized by Shivaji Mahavidyalaya, Udgir and Madhava Mathematics Competition (Nanded Region) on dated 03 Jan. 2018. 3. <i>One Day Regional Workshop on Madhava Mathematics Competition</i>, jointly organized by Dept. of Mathematics, N.E.S. Science College, Nanded and Madhava Mathematics Competition (Nanded Region) on dated 05 Jan. 2018.
Seminars/Conferences/Workshops attended:	26
Honours/Awards/Fellowship Received:	<ol style="list-style-type: none"> 1.DST-INSPIRE fellowship for Ph.D. 2.Khanderao Patil (Latur) fellowship for topper in B.Sc-II Mathematics .
Life Membership:	<ol style="list-style-type: none"> 1. Marathwada Mathematical Society, Aurangabad. 2. Indian Science Congress Association, Kolkata. 3. The Mathematics Consortium, Pune.

Teaching Experience:

03 years 09 months

Sr. No	Institute	Position	Period	
			From	To
1	SGGS Institute of Engineering & Technology, Vishnupuri Nanded.	Assistant Professor (CHB)	04/07/2017	04/01/2018
2	SGGS Institute of Engineering & Technology, Vishnupuri Nanded.	Adhoc Faculty	05/01/2018	05/07/2018
3	St. John College of Engineering and Management, Palghar	Assistant Professor	02/01/2019	07/06/2019
4	St. John College of Engineering and Management, Palghar	Assistant Professor	20/06/2019	31/05/2020
5	SGGS Institute of Engineering & Technology, Vishnupuri Nanded.	Assistant Professor (CHB)	18/01/2021	31/08/2021
6	Department of Mathematics, Maharashtra Mahavidyalaya, Nilanga	Assistant Professor (CHB)	01/09/2021	Till date

Personal Information:**Full name** : Dr. Sachin Pandurang Basude**Permanente Address** : At : Mane Jawalga, Post: Sawari

Tal: Nilanga

Dist: Latur-413522

Date of birth : 12th July 1988.**Sex** : Male.**Marital Status** : Married.**Nationality** : Indian.**Religion** : Hindu**Category:** : EWS**Caste** : Maratha.

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Nilanga.**Date:****Dr. Sachin Pandurang Basude.**